

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062024\
 Data File : VN082673.D
 Acq On : 20 Jun 2024 17:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2024
 Supervised By : Mahesh Dadoda 06/21/2024

Quant Time: Jun 21 02:09:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	163886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	272623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	260408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	126897	48.284	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.560%		
35) Dibromofluoromethane	8.171	113	89683	48.492	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.980%		
50) Toluene-d8	10.570	98	341455	48.822	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.640%		
62) 4-Bromofluorobenzene	12.853	95	121100	50.223	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	100.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	111422	48.680	ug/l	99
3) Chloromethane	2.359	50	123832	45.131	ug/l	97
4) Vinyl Chloride	2.512	62	137096	52.503	ug/l	98
5) Bromomethane	2.936	94	65055	38.702	ug/l	93
6) Chloroethane	3.106	64	94684	50.851	ug/l	100
7) Trichlorofluoromethane	3.489	101	170624	50.085	ug/l	94
8) Diethyl Ether	3.959	74	59007	50.860	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	97353	51.019	ug/l	98
10) Methyl Iodide	4.583	142	60022	33.022	ug/l	96
11) Tert butyl alcohol	5.530	59	116061	269.826	ug/l	99
12) 1,1-Dichloroethene	4.341	96	87730	48.079	ug/l	98
13) Acrolein	4.183	56	90140	205.720	ug/l	99
14) Allyl chloride	5.024	41	192949	54.067	ug/l	90
15) Acrylonitrile	5.724	53	311826	274.642	ug/l	99
16) Acetone	4.430	43	279728	234.034	ug/l	96
17) Carbon Disulfide	4.712	76	257135	44.372	ug/l	99
18) Methyl Acetate	5.030	43	155218	53.096	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	336399	53.857	ug/l	99
20) Methylene Chloride	5.277	84	105743	50.321	ug/l	96
21) trans-1,2-Dichloroethene	5.788	96	95623	49.308	ug/l	98
22) Diisopropyl ether	6.677	45	401609	53.661	ug/l	95
23) Vinyl Acetate	6.606	43	1634583	275.418	ug/l	99
24) 1,1-Dichloroethane	6.571	63	209652	51.711	ug/l	99
25) 2-Butanone	7.488	43	464030	273.137	ug/l	99
26) 2,2-Dichloropropane	7.494	77	181980	51.742	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	116096	49.684	ug/l	99
28) Bromochloromethane	7.818	49	96764	52.299	ug/l	100
29) Tetrahydrofuran	7.841	42	314822	302.707	ug/l	100
30) Chloroform	7.971	83	208049	52.607	ug/l	99
31) Cyclohexane	8.259	56	177841	46.888	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	183303	51.112	ug/l	98
36) 1,1-Dichloropropene	8.371	75	146493	52.987	ug/l	99
37) Ethyl Acetate	7.565	43	182152	51.722	ug/l	99
38) Carbon Tetrachloride	8.365	117	160990	51.670	ug/l	100
39) Methylcyclohexane	9.606	83	148866	51.164	ug/l	99
40) Benzene	8.612	78	448708	52.525	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	103943	57.740	ug/l	98
42) 1,2-Dichloroethane	8.671	62	172823	53.186	ug/l	100
43) Isopropyl Acetate	8.694	43	319112	48.486	ug/l	99
44) Trichloroethene	9.353	130	98152	49.480	ug/l	95
45) 1,2-Dichloropropane	9.623	63	116481	52.973	ug/l	99
46) Dibromomethane	9.712	93	79836	53.561	ug/l	99
47) Bromodichloromethane	9.894	83	167884	52.830	ug/l	99
48) Methyl methacrylate	9.688	41	153002	56.392	ug/l	99
49) 1,4-Dioxane	9.700	88	51019	1202.165	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	1003725	297.332	ug/l	100
52) Toluene	10.635	92	279996	54.083	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	177129	54.524	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	184511	54.924	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	105628	56.370	ug/l	98
56) Ethyl methacrylate	10.876	69	180947	58.304	ug/l	99
57) 1,3-Dichloropropane	11.165	76	192369	55.533	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	471729	287.333	ug/l	99
59) 2-Hexanone	11.200	43	765852	298.492	ug/l	100
60) Dibromochloromethane	11.365	129	130084	56.870	ug/l	99
61) 1,2-Dibromoethane	11.470	107	107225	54.273	ug/l	97
64) Tetrachloroethene	11.106	164	97555	45.435	ug/l	97
65) Chlorobenzene	11.894	112	303304	50.791	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	111146	52.197	ug/l	99
67) Ethyl Benzene	11.965	91	542403	53.307	ug/l	100
68) m/p-Xylenes	12.070	106	415326	109.717	ug/l	100
69) o-Xylene	12.400	106	196883	55.359	ug/l	98
70) Styrene	12.412	104	346399	57.387	ug/l	99
71) Bromoform	12.582	173	93701	55.659	ug/l #	99
73) Isopropylbenzene	12.700	105	503176	49.875	ug/l	99
74) N-amyl acetate	12.494	43	284455	52.831	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	163327	49.631	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	159959m	49.225	ug/l	
77) Bromobenzene	12.982	156	125675	48.396	ug/l	98
78) n-propylbenzene	13.041	91	619636	51.923	ug/l	100
79) 2-Chlorotoluene	13.129	91	375334	50.153	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	434336	53.050	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	73668	54.237	ug/l	97
82) 4-Chlorotoluene	13.223	91	376784	50.400	ug/l	100
83) tert-Butylbenzene	13.441	119	365862	52.461	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	439799	53.549	ug/l	99
85) sec-Butylbenzene	13.617	105	517610	52.260	ug/l	99
86) p-Isopropyltoluene	13.729	119	432834	54.268	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	236226	50.171	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	233186	47.382	ug/l	100
89) n-Butylbenzene	14.059	91	373364	52.773	ug/l	100
90) Hexachloroethane	14.335	117	85470	49.251	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	225492	49.048	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	36644	52.615	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	116201	47.933	ug/l	99
94) Hexachlorobutadiene	15.505	225	51309	42.926	ug/l	98
95) Naphthalene	15.641	128	406984	54.569	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	119954	48.554	ug/l	97

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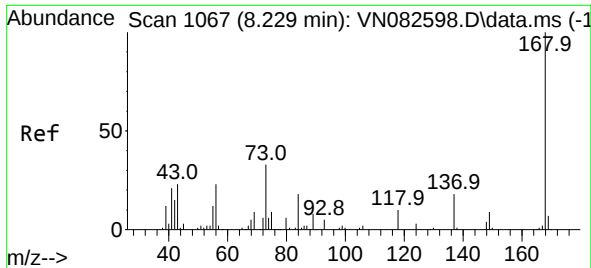
Manual Integrations
APPROVED

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

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

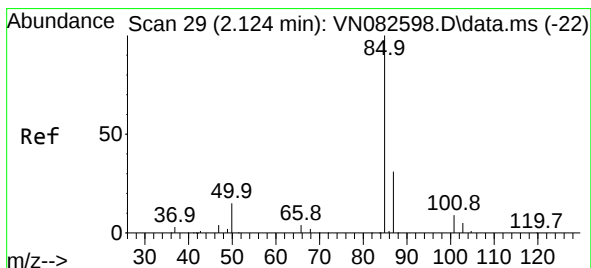
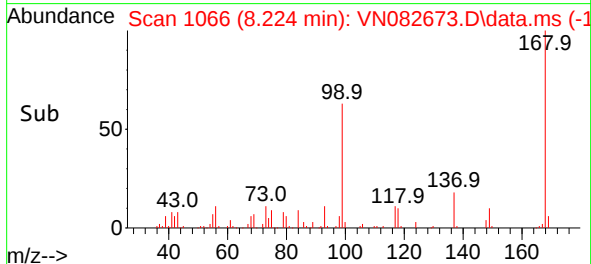
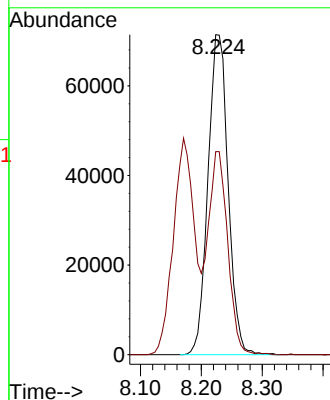
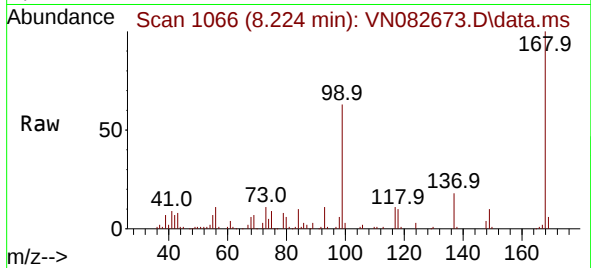
VSTDCCC050EC

Tgt Ion:168 Resp: 163880
Ion Ratio Lower Upper
168 100
99 63.4 48.2 72.4

Manual Integrations

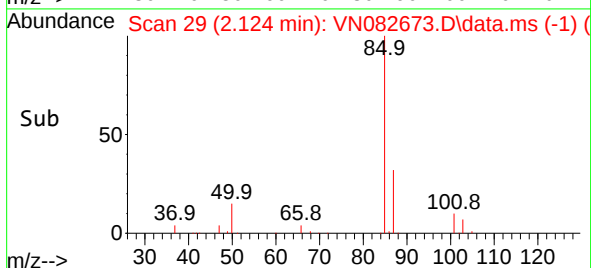
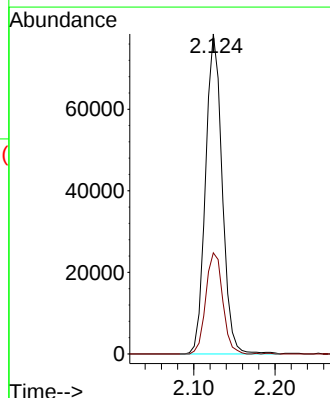
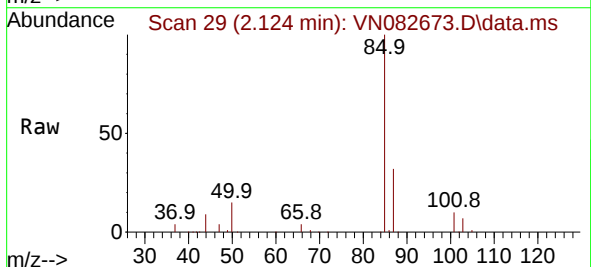
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#2
Dichlorodifluoromethane
Concen: 48.680 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

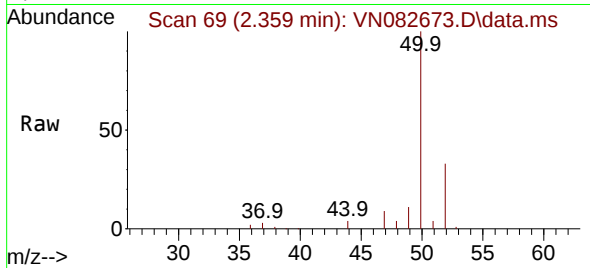
Tgt Ion: 85 Resp: 111422
Ion Ratio Lower Upper
85 100
87 31.6 15.7 47.0





#3
Chloromethane
Concen: 45.131 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

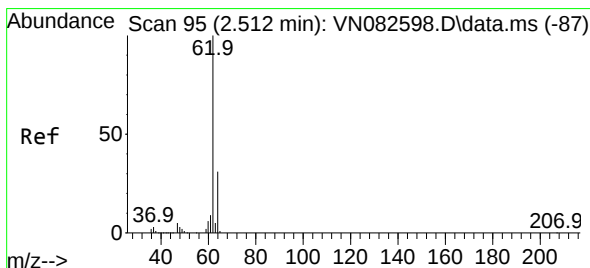
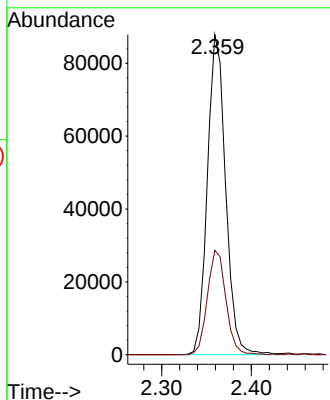
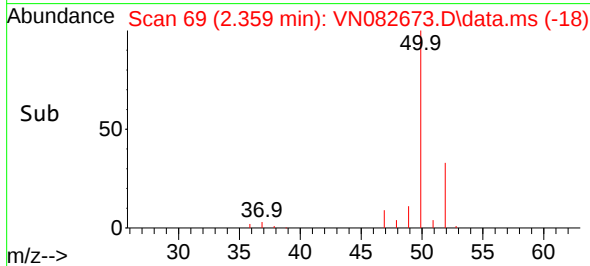
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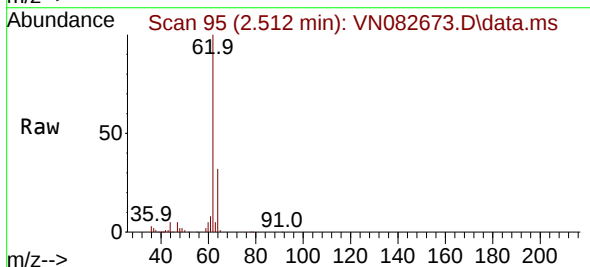
Tgt Ion: 50 Resp: 12383
Ion Ratio Lower Upper
50 100
52 32.6 25.0 37.4

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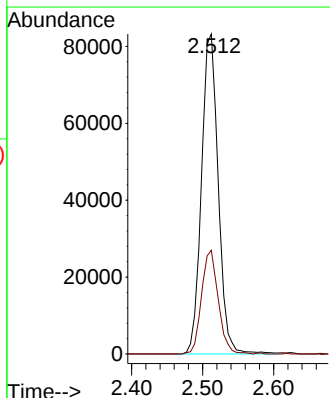
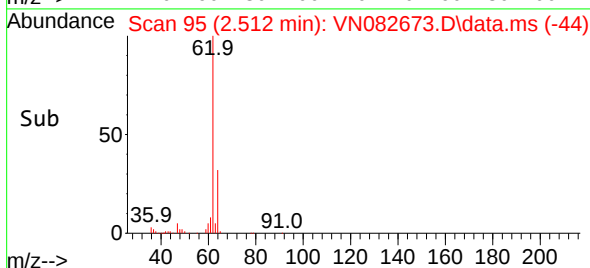
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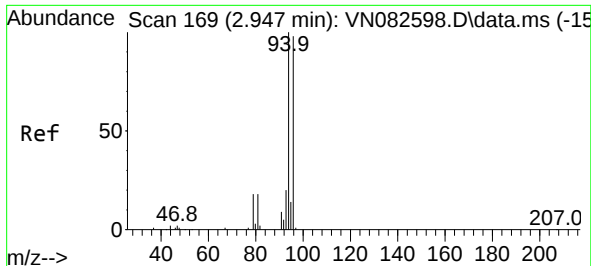


#4
Vinyl Chloride
Concen: 52.503 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14



Tgt Ion: 62 Resp: 137096
Ion Ratio Lower Upper
62 100
64 32.4 25.0 37.6





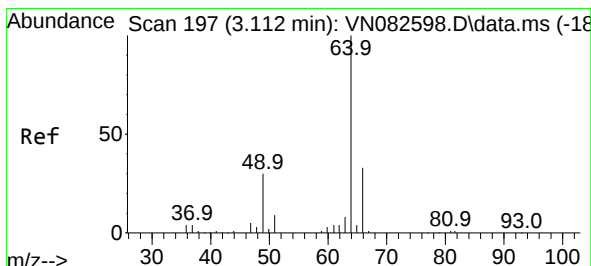
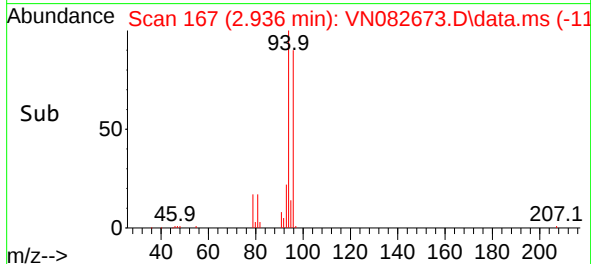
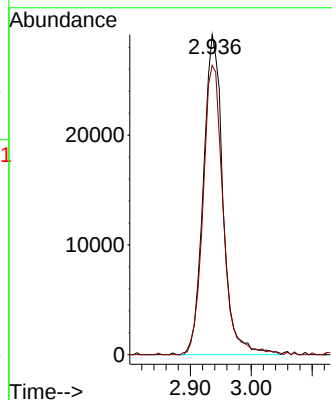
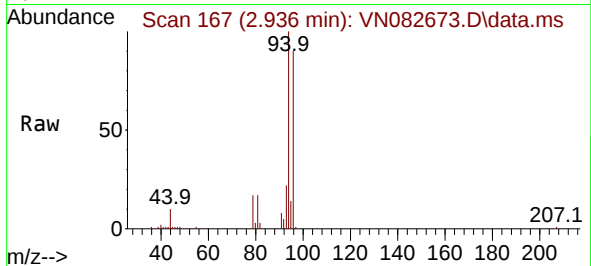
#5
Bromomethane
Concen: 38.702 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.011 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

Instrument :
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Tgt Ion: 94 Resp: 6505
Ion Ratio Lower Upper
94 100
96 90.4 78.0 117.0

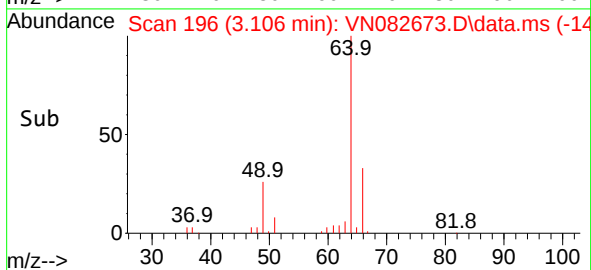
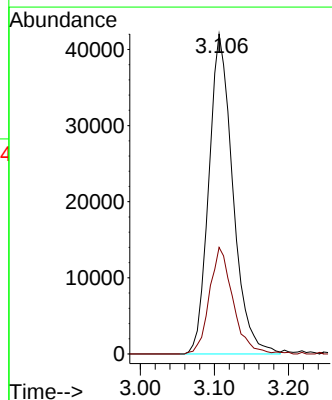
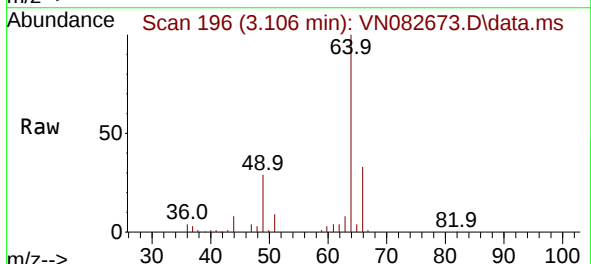
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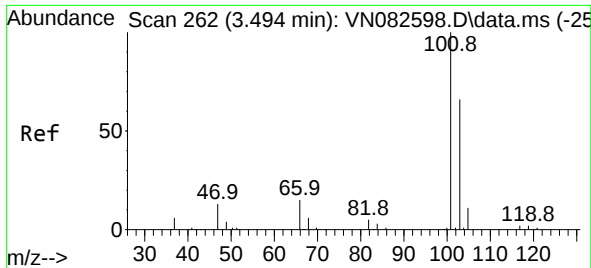
Reviewed By :John Carlone 06/21/2024
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#6
Chloroethane
Concen: 50.851 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN082673.D
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Tgt Ion: 64 Resp: 94684
Ion Ratio Lower Upper
64 100
66 33.3 26.6 40.0





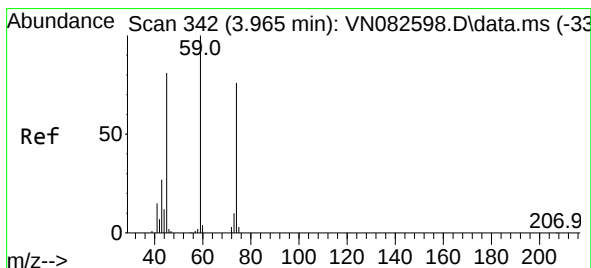
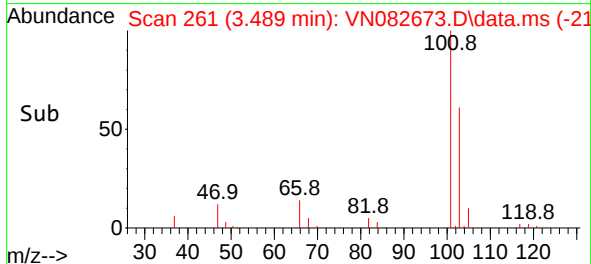
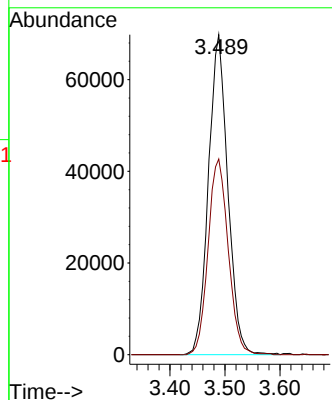
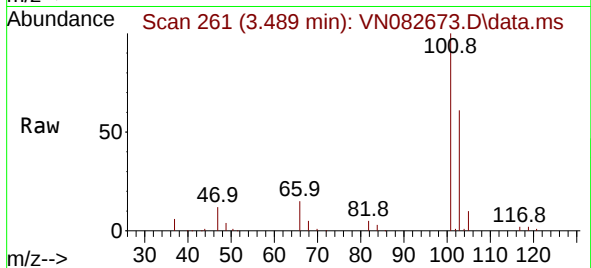
#7
Trichlorofluoromethane
Concen: 50.085 ug/l
RT: 3.489 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 170624
Ion Ratio Lower Upper
101 100
103 61.2 52.7 79.1

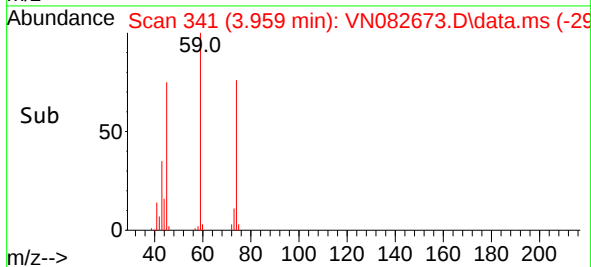
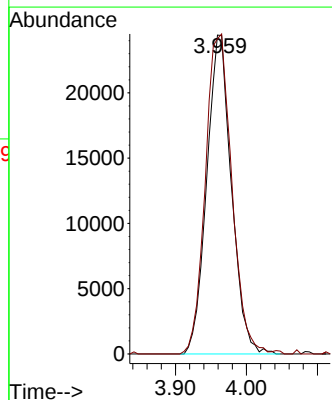
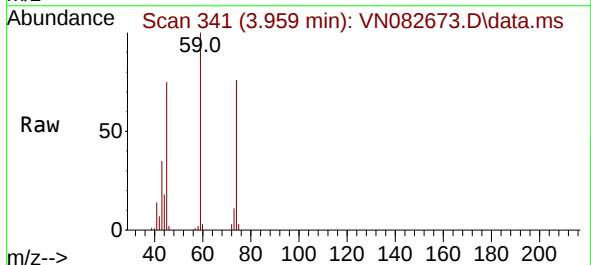
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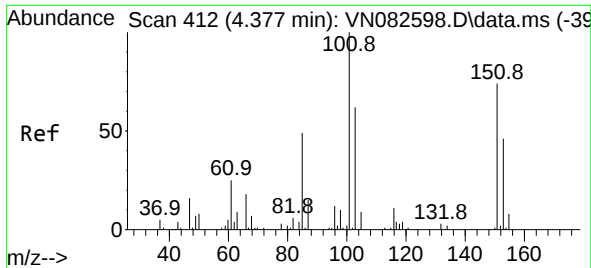
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#8
Diethyl Ether
Concen: 50.860 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

Tgt Ion: 74 Resp: 59007
Ion Ratio Lower Upper
74 100
45 107.4 55.5 166.3





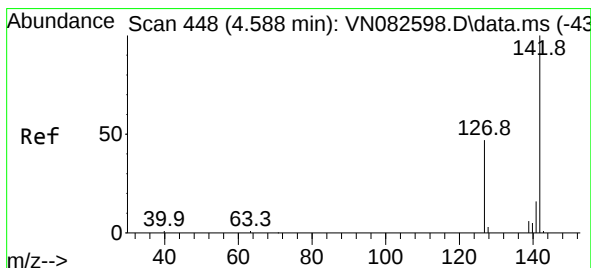
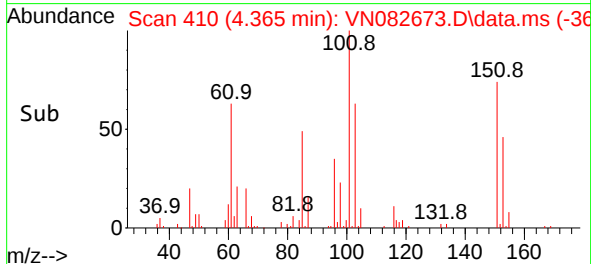
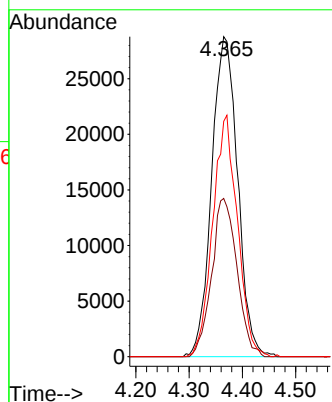
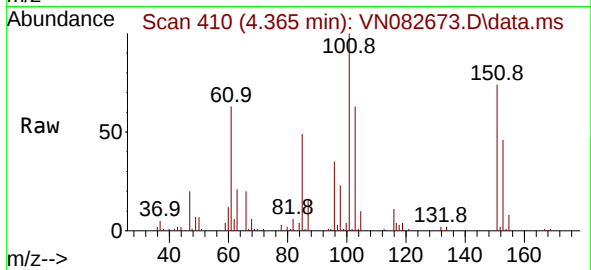
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.019 ug/l
RT: 4.365 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN082673.D
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 9735
Ion Ratio Lower Upper
101 100
85 48.2 38.3 57.5
151 71.7 59.3 88.9

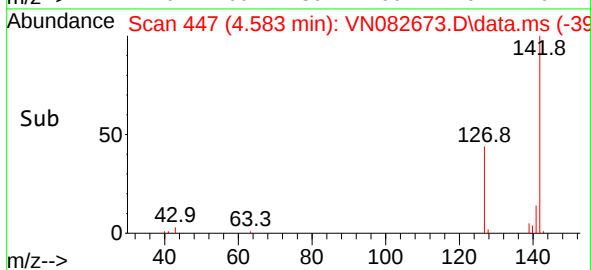
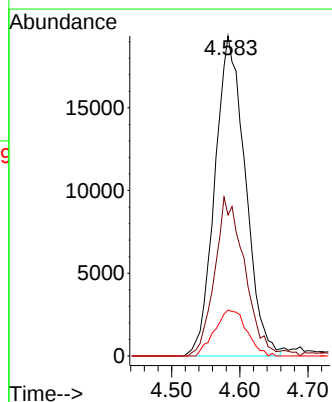
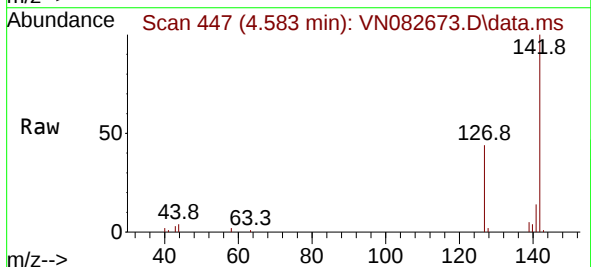
Manual Integrations
APPROVED

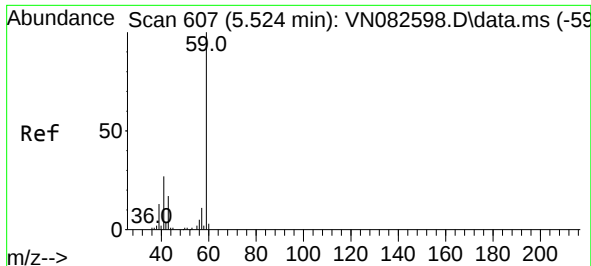
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#10
Methyl Iodide
Concen: 33.022 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

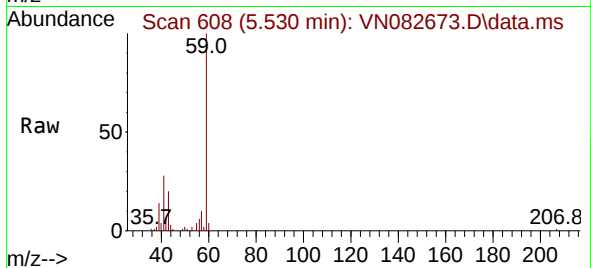
Tgt Ion:142 Resp: 60022
Ion Ratio Lower Upper
142 100
127 44.1 37.5 56.3
141 14.4 13.1 19.7





#11
Tert butyl alcohol
Concen: 269.826 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

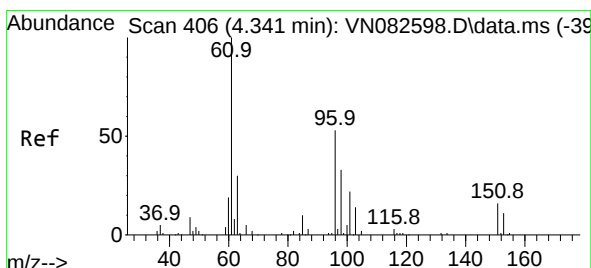
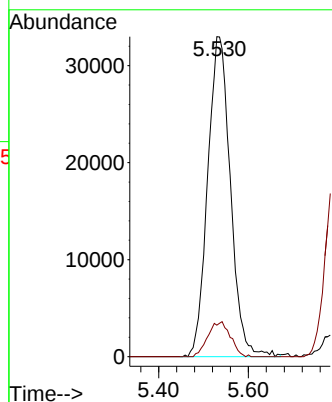
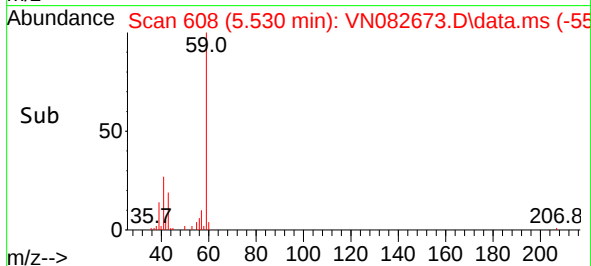
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



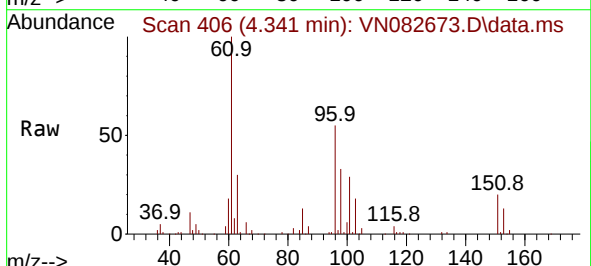
Tgt Ion: 59 Resp: 11606
Ion Ratio Lower Upper
59 100
57 10.8 8.9 13.3

Manual Integrations
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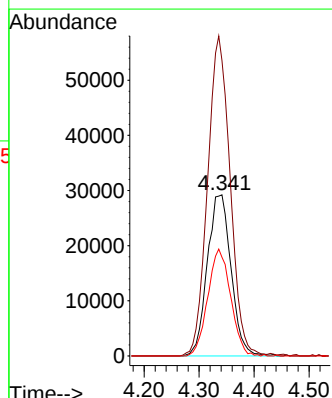
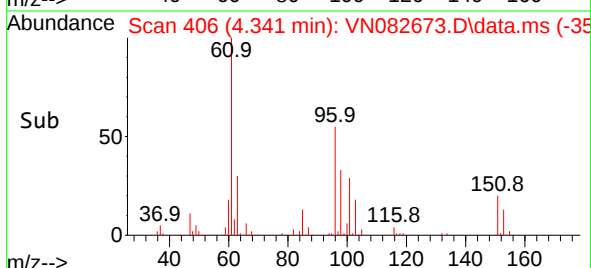
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#12
1,1-Dichloroethene
Concen: 48.079 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14



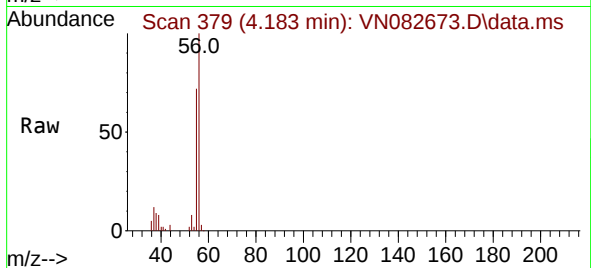
Tgt Ion: 96 Resp: 87730
Ion Ratio Lower Upper
96 100
61 183.5 149.7 224.5
98 61.3 50.1 75.1





#13
Acrolein
Concen: 205.720 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

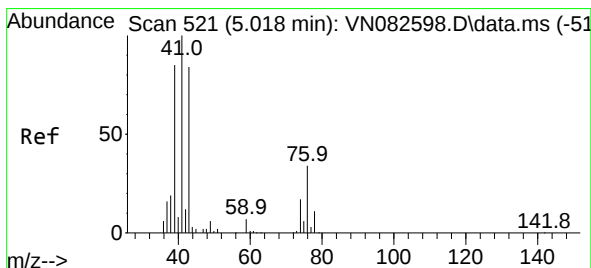
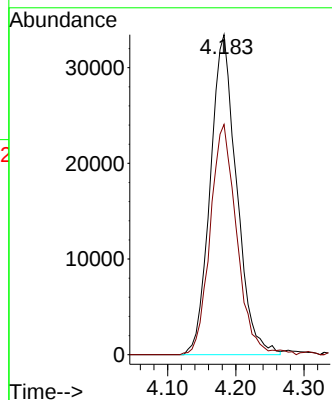
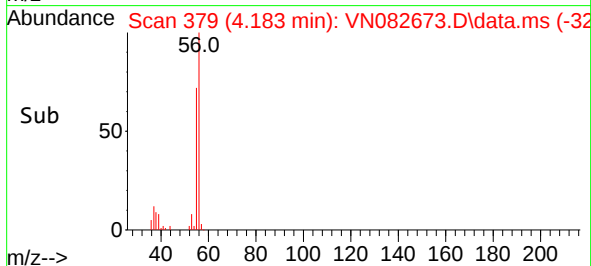
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 90140
Ion Ratio Lower Upper
56 100
55 71.7 56.4 84.6

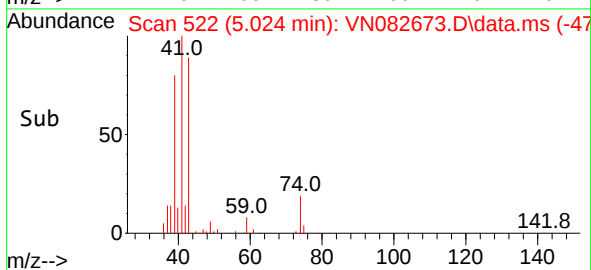
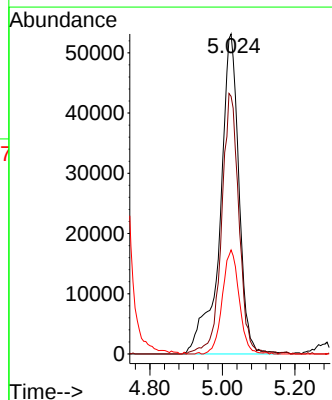
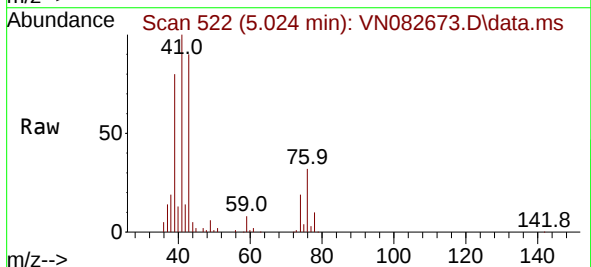
Manual Integrations
APPROVED

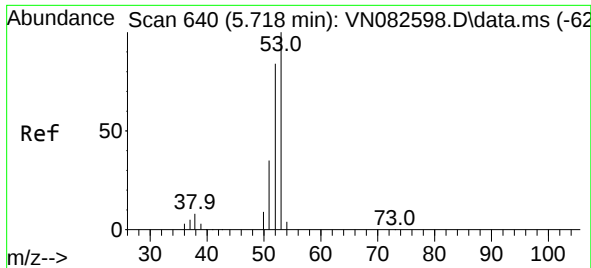
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#14
Allyl chloride
Concen: 54.067 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

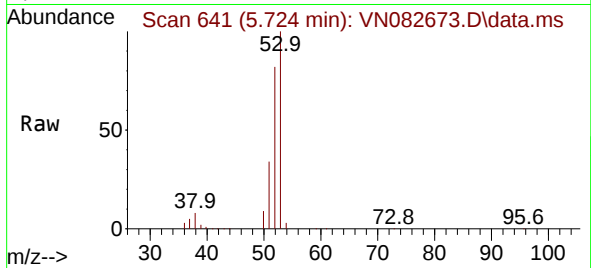
Tgt Ion: 41 Resp: 192949
Ion Ratio Lower Upper
41 100
39 74.3 67.8 101.6
76 28.9 25.8 38.8





#15
Acrylonitrile
Concen: 274.642 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

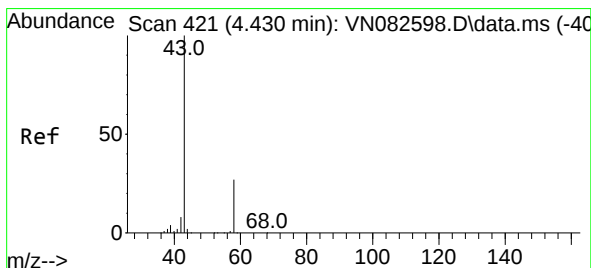
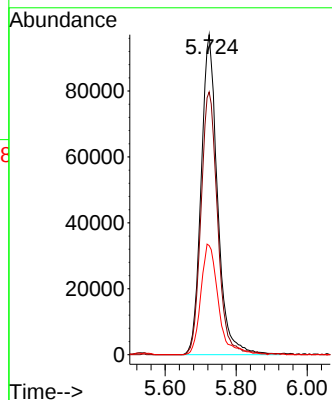
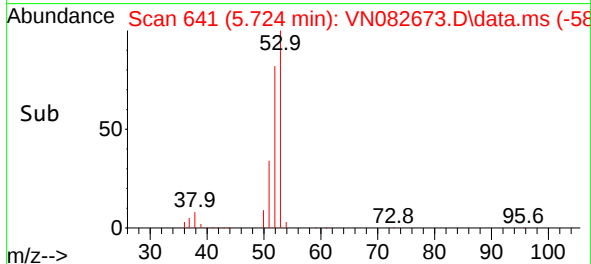
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 311820
Ion Ratio Lower Upper
53 100
52 83.7 66.6 100.0
51 36.9 30.1 45.1

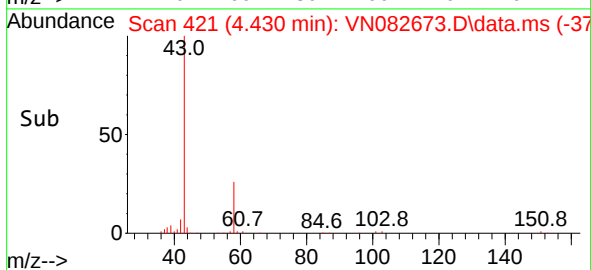
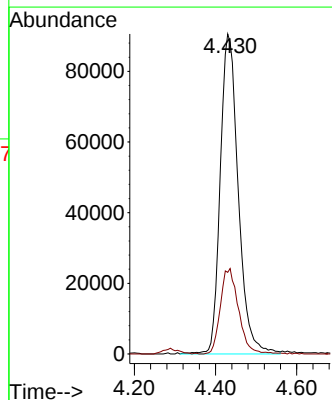
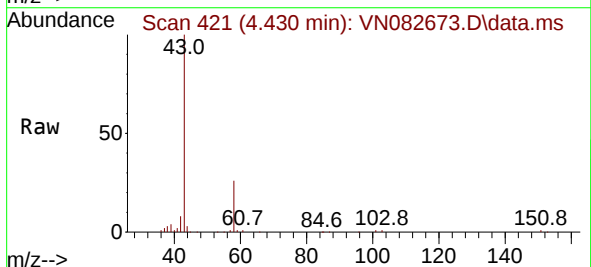
Manual Integrations
APPROVED

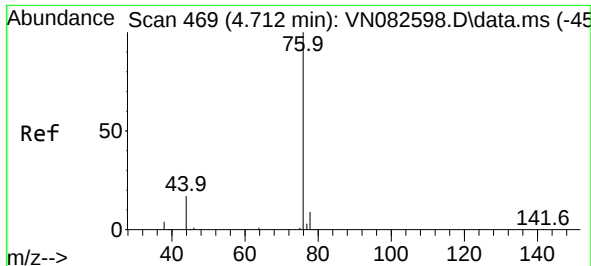
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#16
Acetone
Concen: 234.034 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

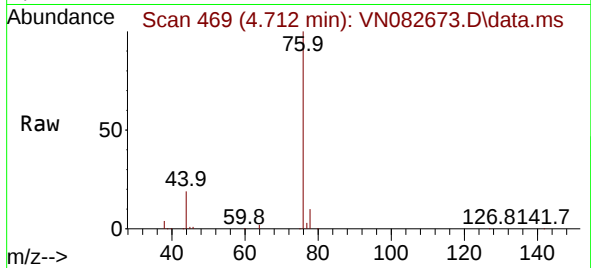
Tgt Ion: 43 Resp: 279728
Ion Ratio Lower Upper
43 100
58 25.2 21.8 32.6





#17
Carbon Disulfide
Concen: 44.372 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

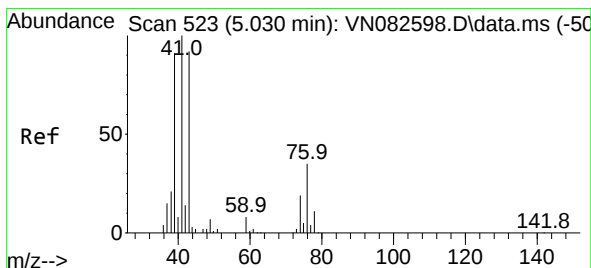
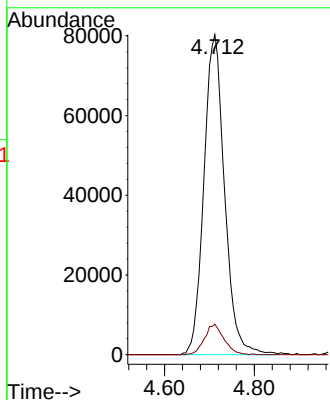
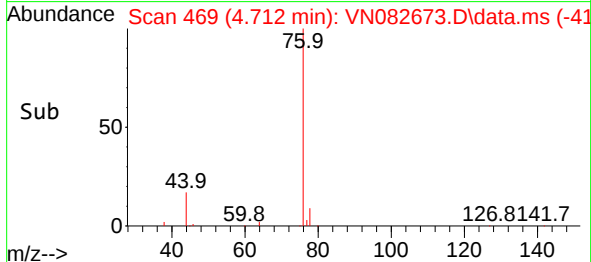
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 257135
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

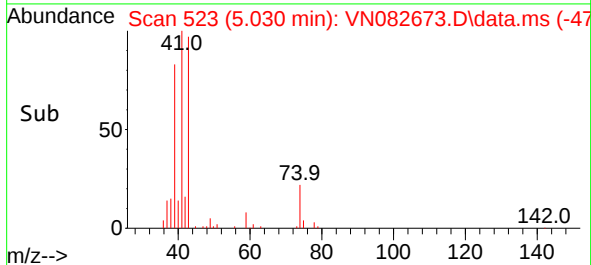
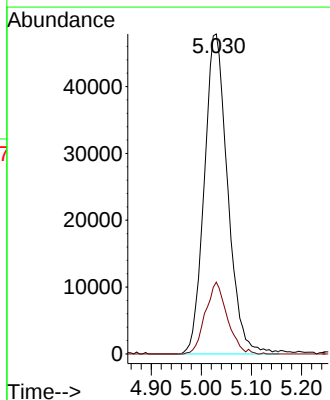
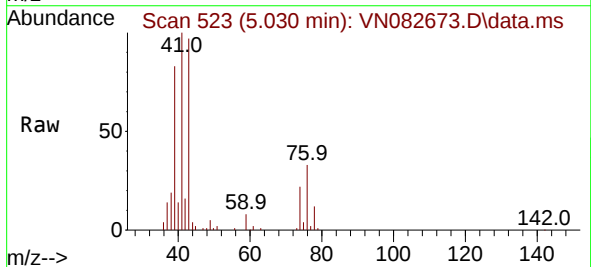
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#18
Methyl Acetate
Concen: 53.096 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

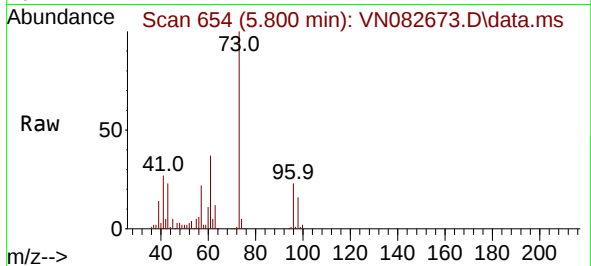
Tgt Ion: 43 Resp: 155218
Ion Ratio Lower Upper
43 100
74 21.0 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 53.857 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

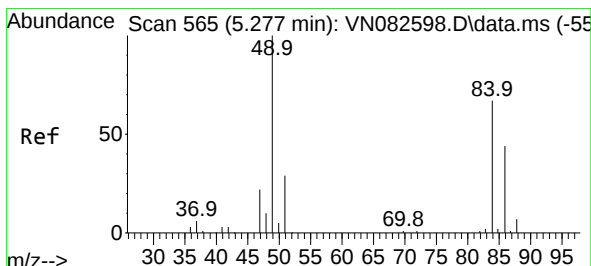
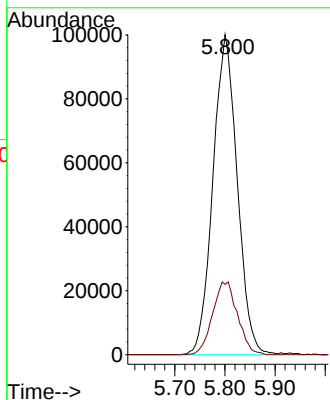
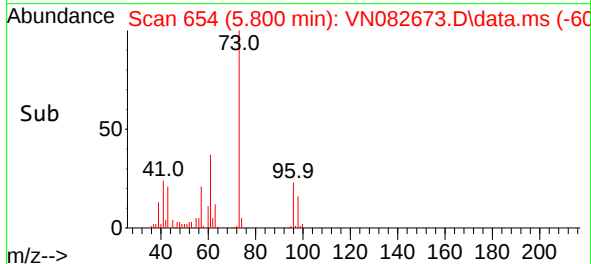
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 336395
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9

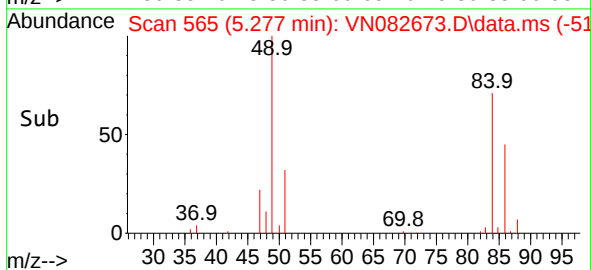
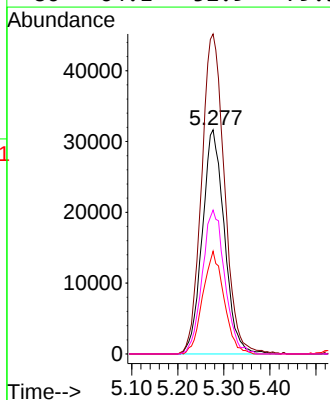
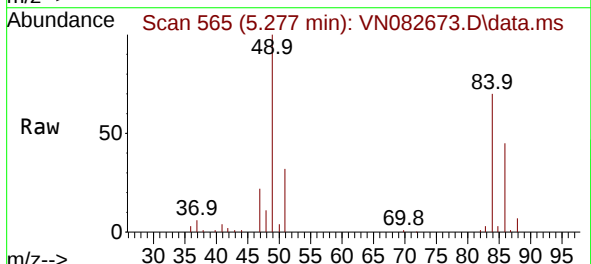
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#20
Methylene Chloride
Concen: 50.321 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

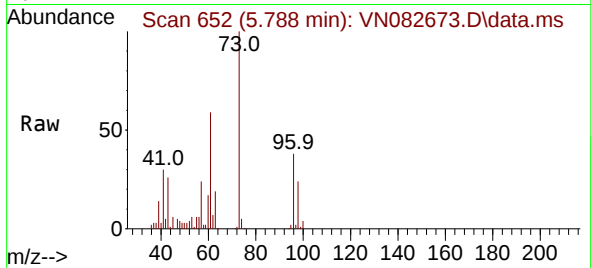
Tgt Ion: 84 Resp: 105743
Ion Ratio Lower Upper
84 100
49 142.8 119.6 179.4
51 45.8 34.8 52.2
86 64.1 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 49.308 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

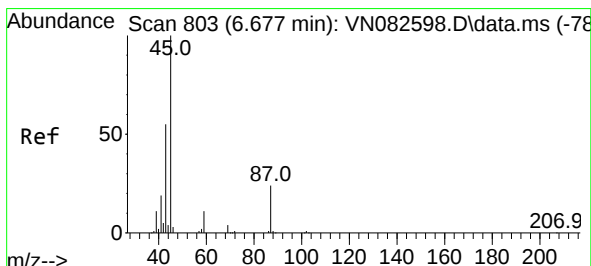
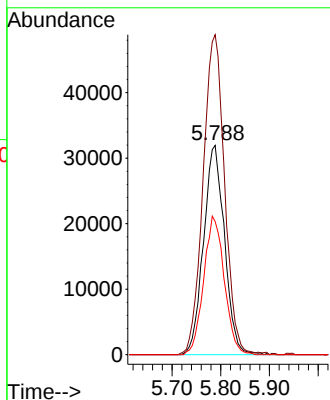
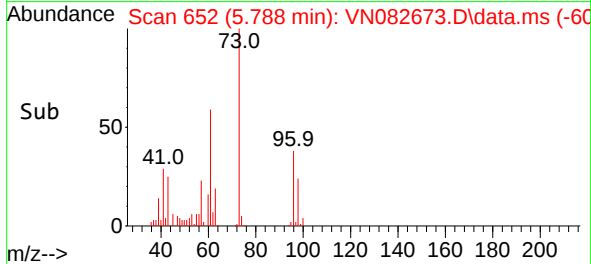
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



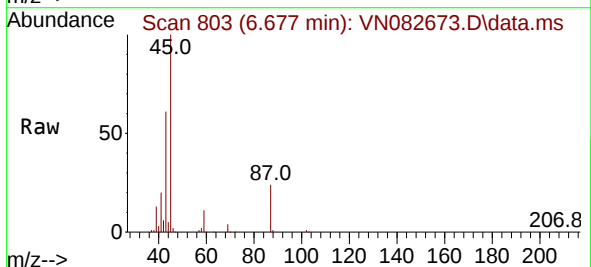
Tgt Ion: 96 Resp: 9562
Ion Ratio Lower Upper
96 100
61 152.9 123.4 185.2
98 63.6 49.3 73.9

Manual Integrations
APPROVED

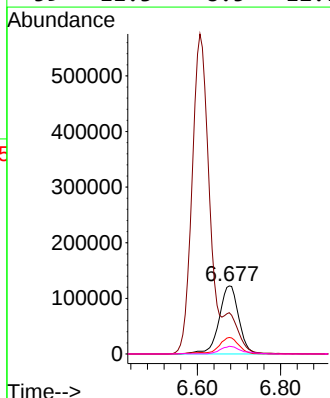
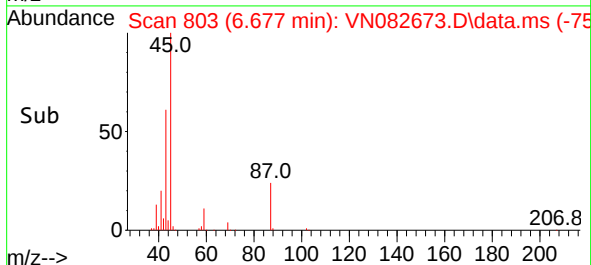
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

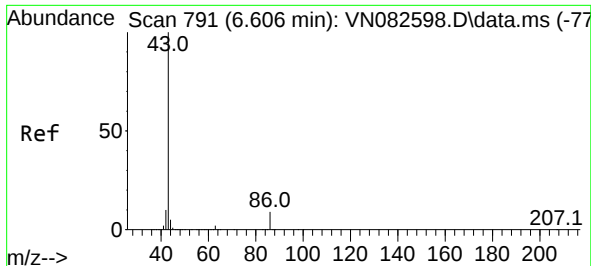


#22
Diisopropyl ether
Concen: 53.661 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14



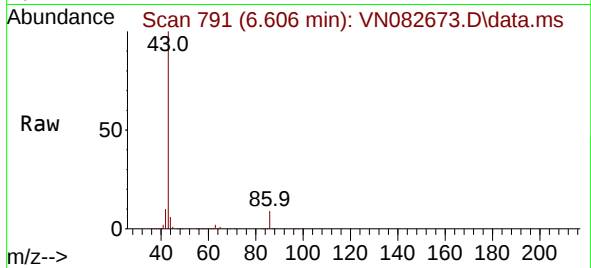
Tgt Ion: 45 Resp: 401609
Ion Ratio Lower Upper
45 100
43 60.0 44.0 66.0
87 24.2 19.7 29.5
59 11.3 8.5 12.7





#23
 Vinyl Acetate
 Concen: 275.418 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082673.D
 Acq: 20 Jun 2024 17:14

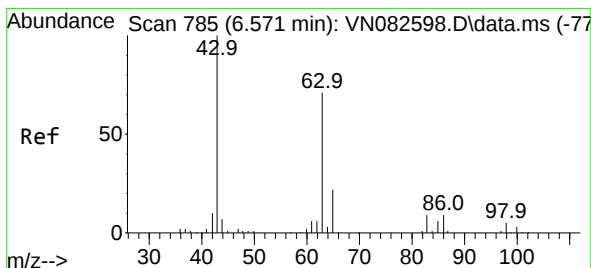
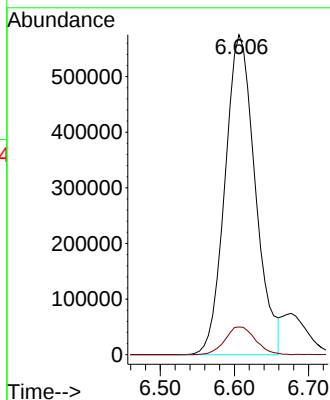
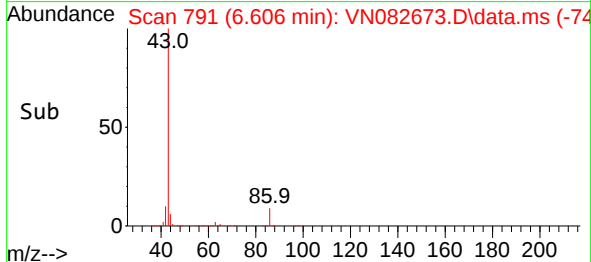
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



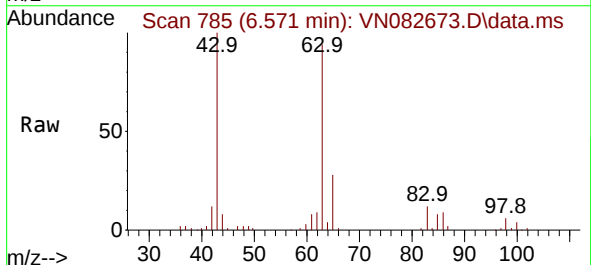
Tgt Ion: 43 Resp: 163458
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.3 10.9

Manual Integrations
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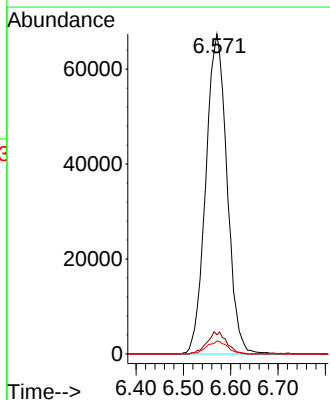
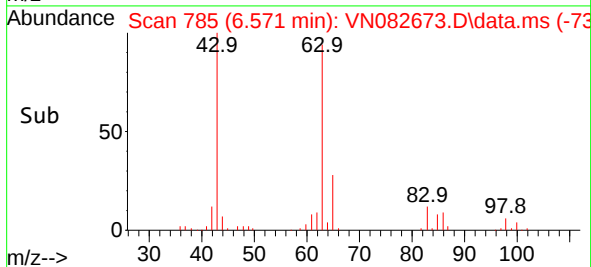
Reviewed By :John Carlone 06/21/2024
 Supervised By :Mahesh Dadoda 06/21/2024

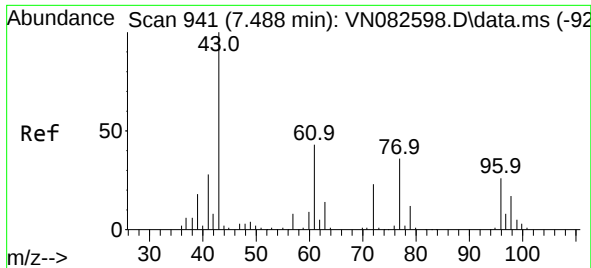


#24
 1,1-Dichloroethane
 Concen: 51.711 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082673.D
 Acq: 20 Jun 2024 17:14



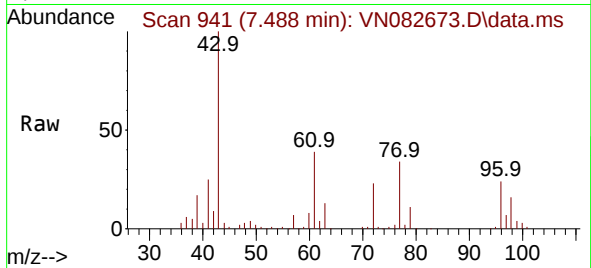
Tgt Ion: 63 Resp: 209652
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 4.1 2.0 6.0





#25
2-Butanone
Concen: 273.137 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

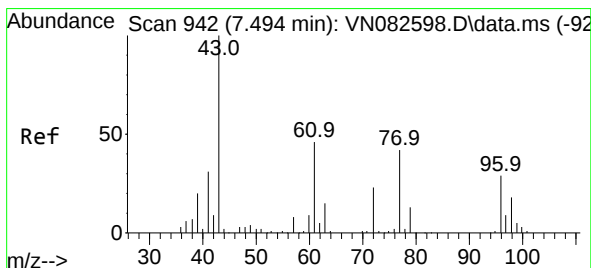
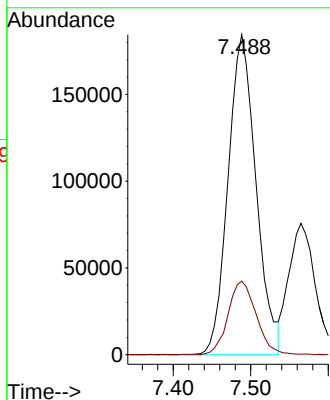
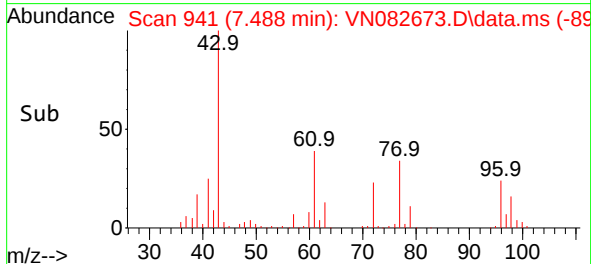
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



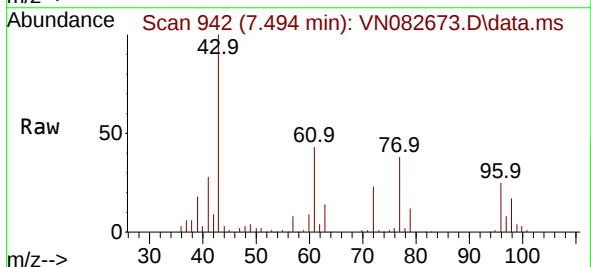
Tgt Ion: 43 Resp: 464030
Ion Ratio Lower Upper
43 100
72 23.0 18.2 27.2

Manual Integrations
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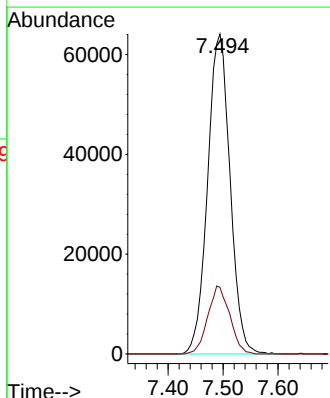
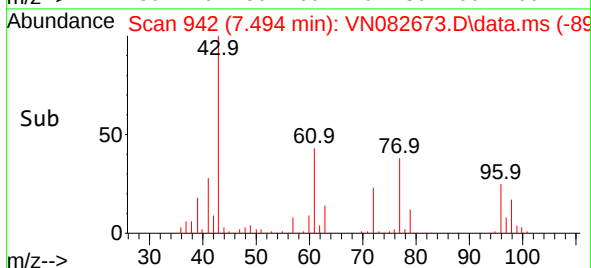
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

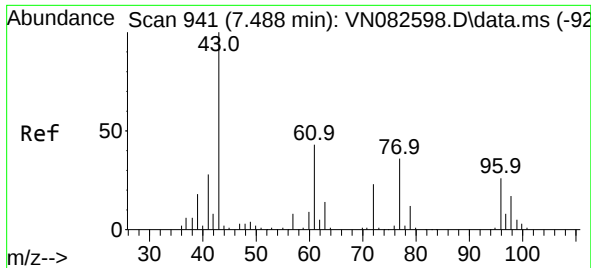


#26
2,2-Dichloropropane
Concen: 51.742 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14



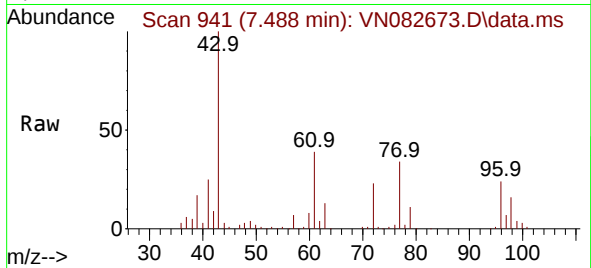
Tgt Ion: 77 Resp: 181980
Ion Ratio Lower Upper
77 100
97 20.7 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 49.684 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082673.D
 Acq: 20 Jun 2024 17:14

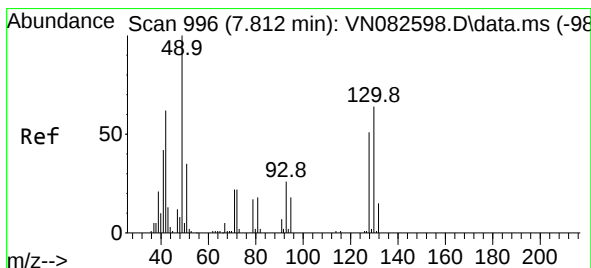
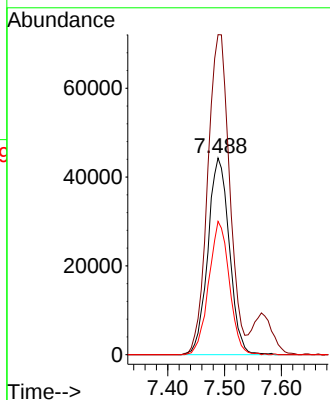
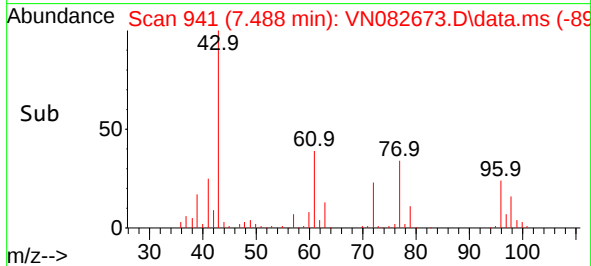
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 116090
 Ion Ratio Lower Upper
 96 100
 61 165.6 0.0 329.6
 98 65.2 0.0 128.6

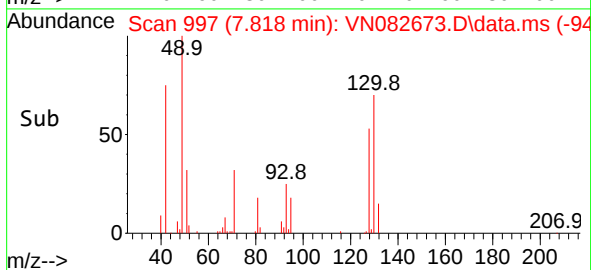
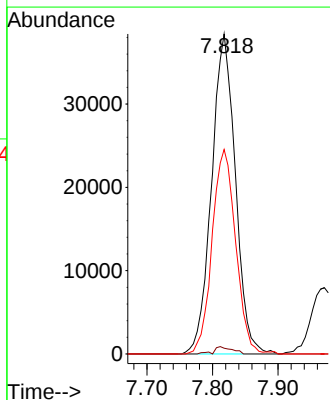
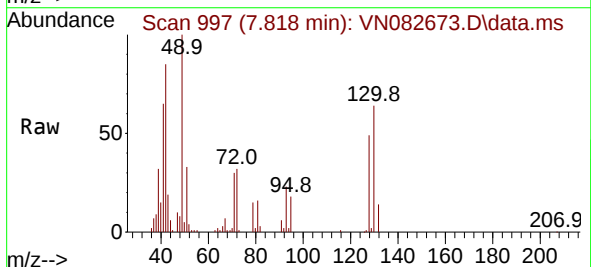
Manual Integrations
 APPROVED

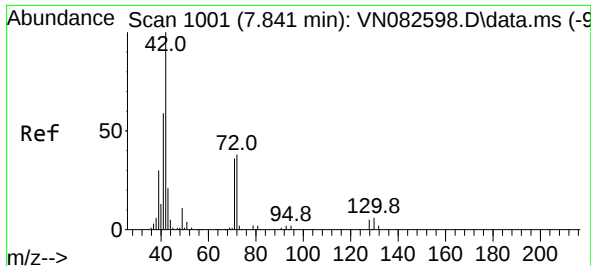
Reviewed By :John Carlone 06/21/2024
 Supervised By :Mahesh Dadoda 06/21/2024



#28
 Bromochloromethane
 Concen: 52.299 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082673.D
 Acq: 20 Jun 2024 17:14

Tgt Ion: 49 Resp: 96764
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 63.3 50.5 75.7





#29

Tetrahydrofuran

Concen: 302.707 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082673.D

Acq: 20 Jun 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

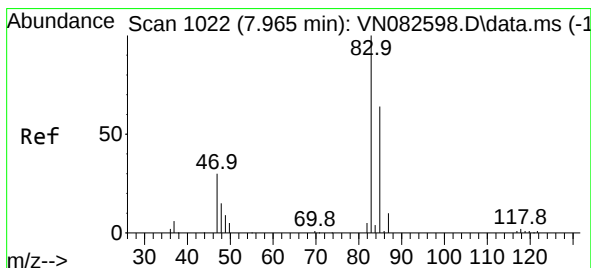
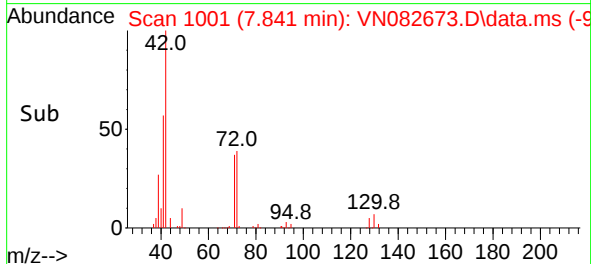
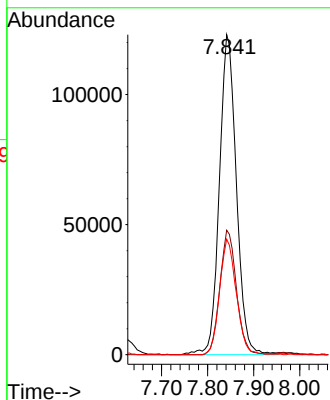
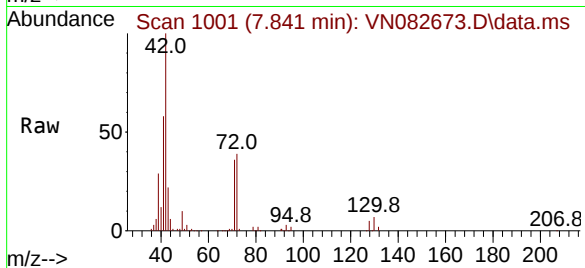
Tgt Ion:	42	Resp:	31482
Ion Ratio	Lower	Upper	
42	100		
72	37.9	30.0	45.0
71	35.4	28.3	42.5

Manual Integrations

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Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#30

Chloroform

Concen: 52.607 ug/l

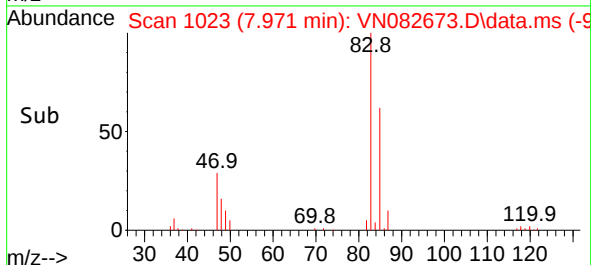
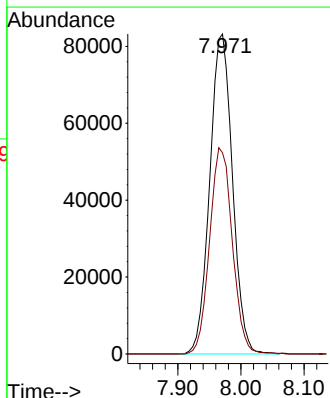
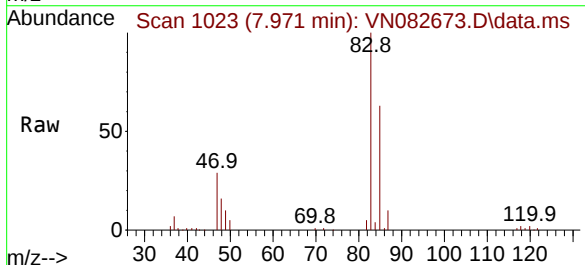
RT: 7.971 min Scan# 1023

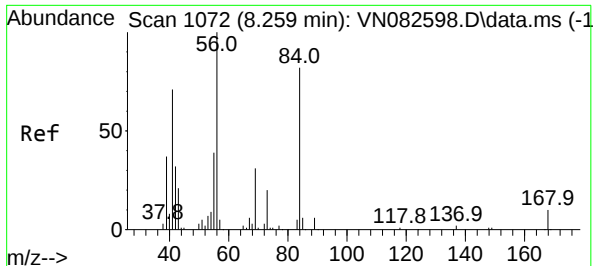
Delta R.T. 0.006 min

Lab File: VN082673.D

Acq: 20 Jun 2024 17:14

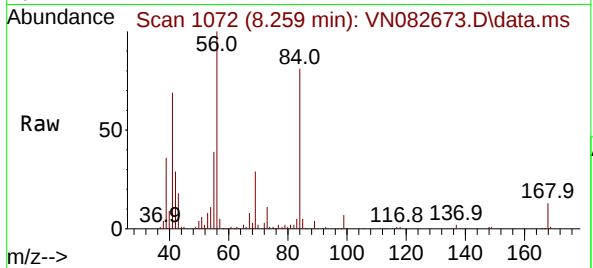
Tgt Ion:	83	Resp:	208049
Ion Ratio	Lower	Upper	
83	100		
85	62.9	50.9	76.3





#31
Cyclohexane
Concen: 46.888 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

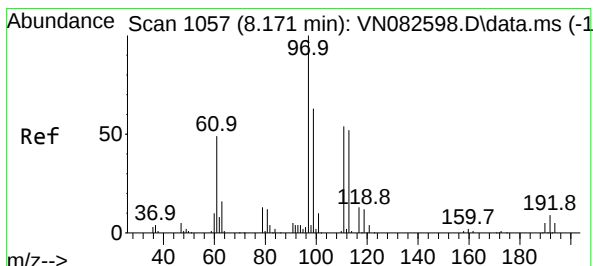
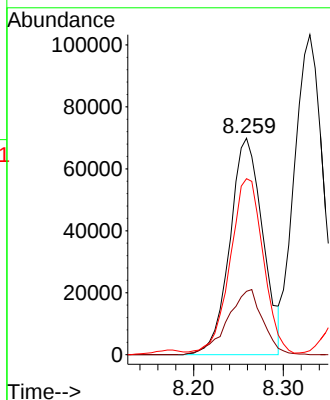
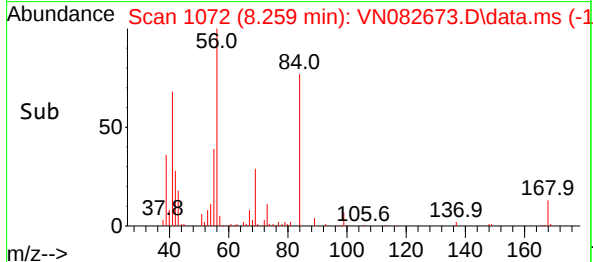
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



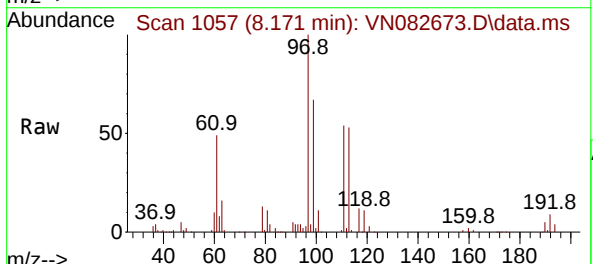
Tgt Ion: 56 Resp: 17784
Ion Ratio Lower Upper
56 100
69 28.8 24.5 36.7
84 79.6 66.0 99.0

Manual Integrations
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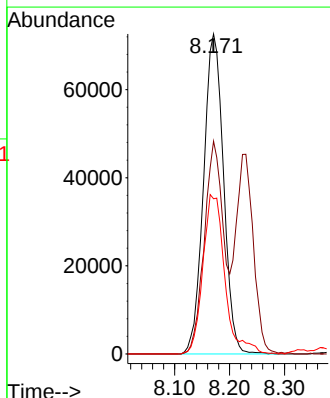
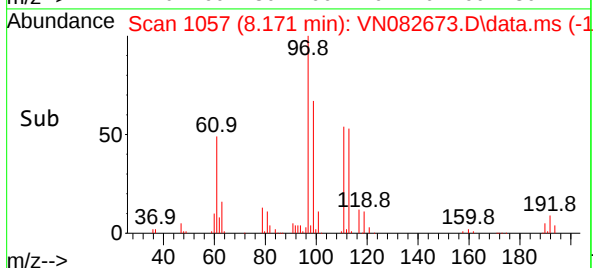
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

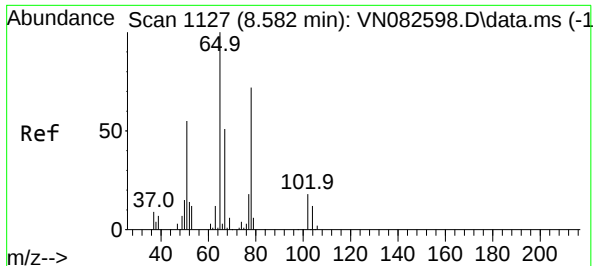


#32
1,1,1-Trichloroethane
Concen: 51.112 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14



Tgt Ion: 97 Resp: 183303
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 54.8 42.1 63.1





#33
1,2-Dichloroethane-d4
Concen: 48.284 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

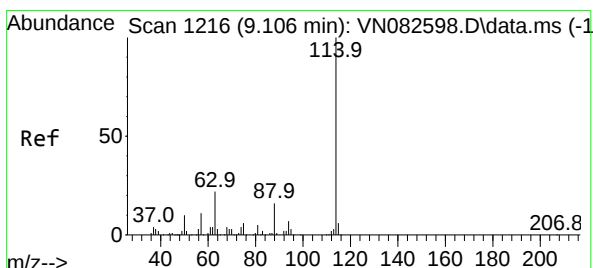
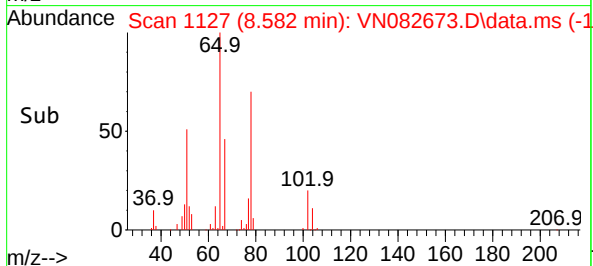
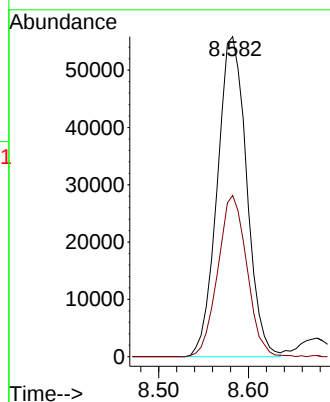
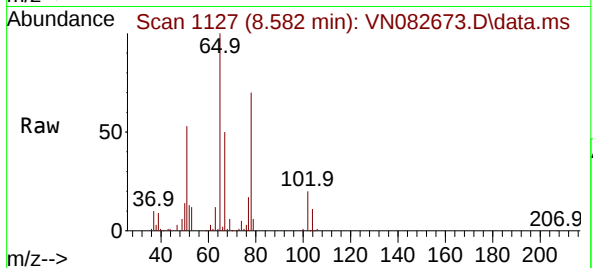
Tgt Ion: 65 Resp: 12689
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.4

Manual Integrations

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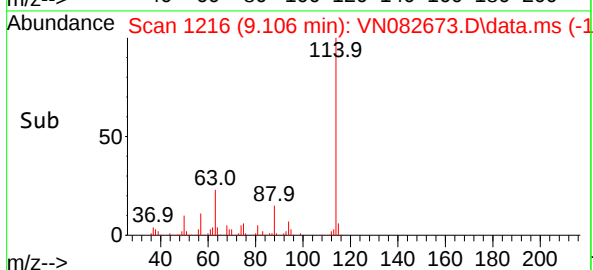
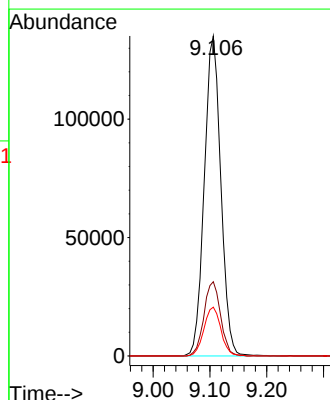
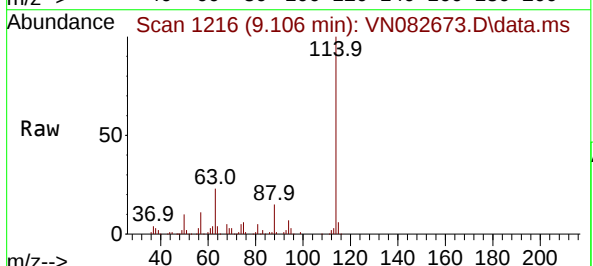
Reviewed By :John Carlone 06/21/2024

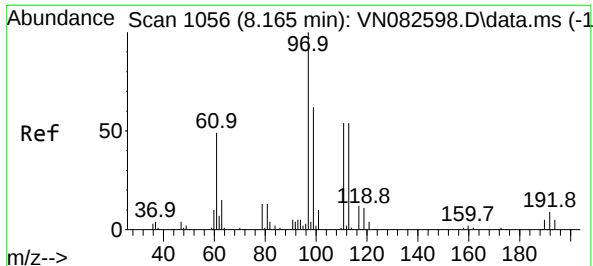
Supervised By :Mahesh Dadoda 06/21/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

Tgt Ion:114 Resp: 272623
Ion Ratio Lower Upper
114 100
63 23.2 0.0 44.6
88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.492 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082673.D

Acq: 20 Jun 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 8968

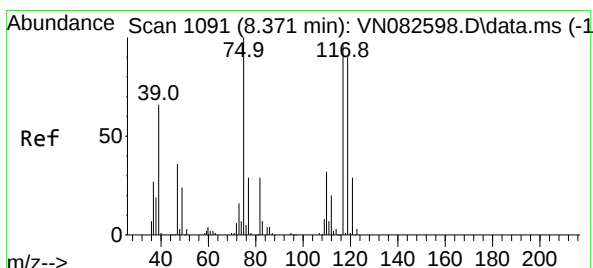
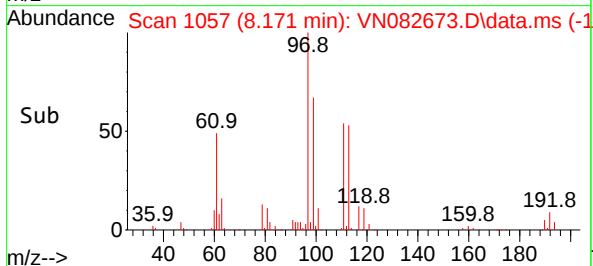
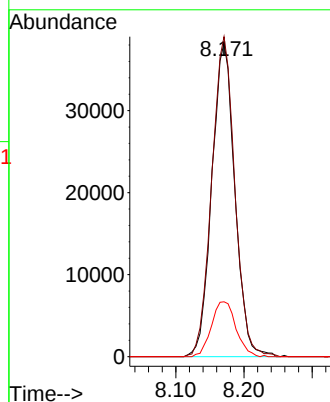
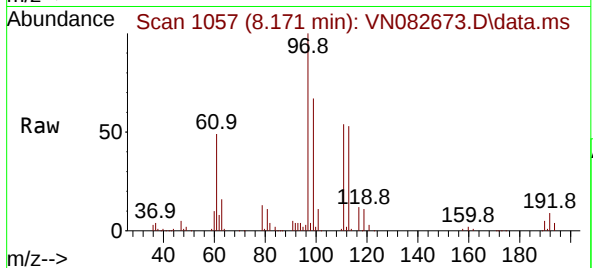
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	18.8	14.9	22.3

Manual Integrations

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Reviewed By : John Carlone 06/21/2024

Supervised By : Mahesh Dadoda 06/21/2024



#36

1,1-Dichloropropene

Concen: 52.987 ug/l

RT: 8.371 min Scan# 1091

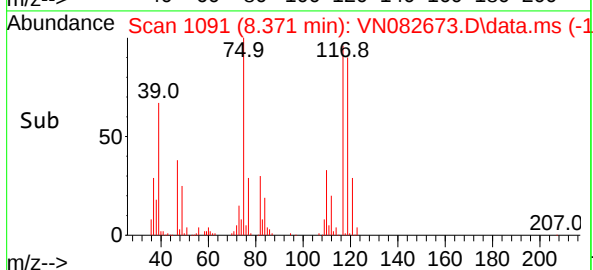
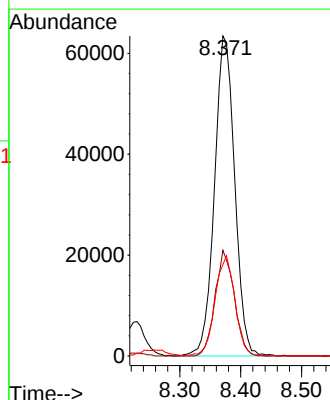
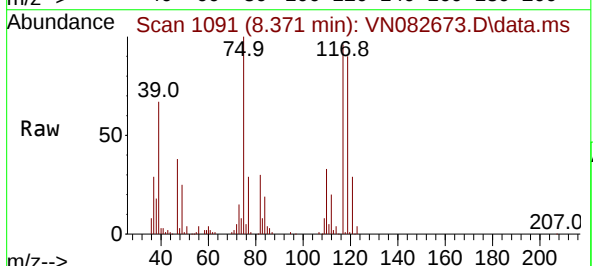
Delta R.T. 0.000 min

Lab File: VN082673.D

Acq: 20 Jun 2024 17:14

Tgt Ion: 75 Resp: 146493

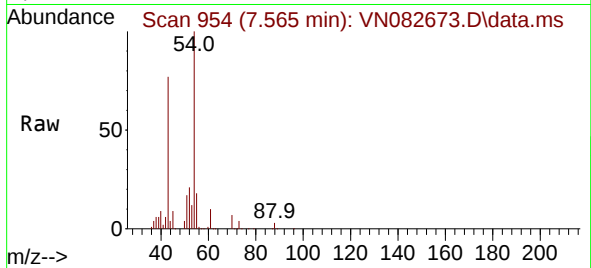
Ion	Ratio	Lower	Upper
75	100		
110	31.4	16.3	48.9
77	30.7	24.6	37.0





#37
Ethyl Acetate
Concen: 51.722 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

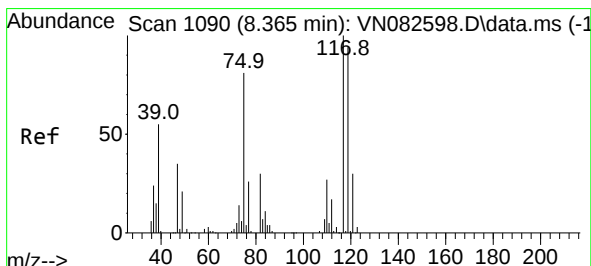
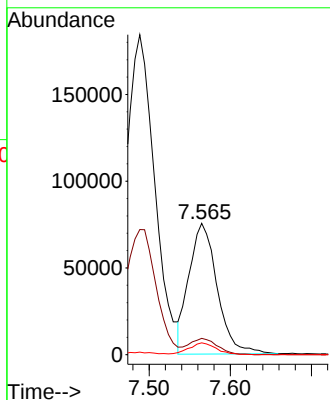
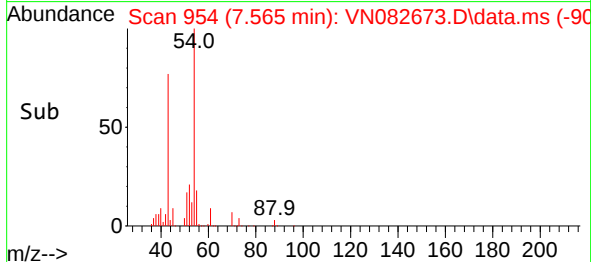
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 18215
Ion Ratio Lower Upper
43 100
61 11.9 9.3 13.9
70 8.8 7.0 10.6

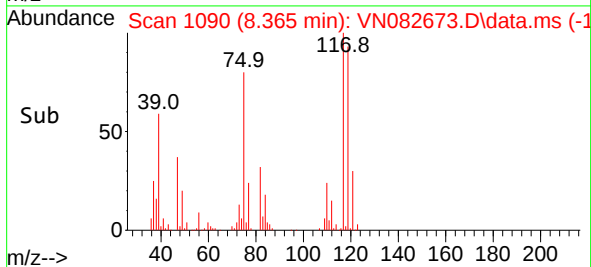
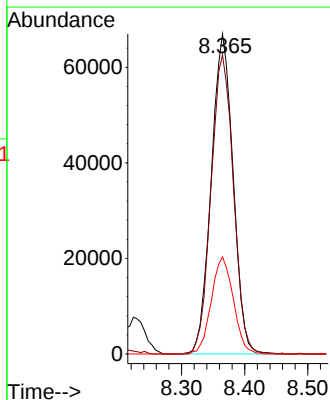
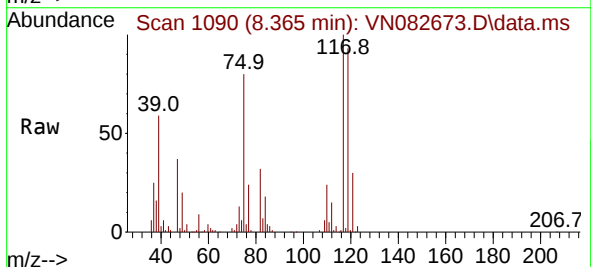
Manual Integrations
APPROVED

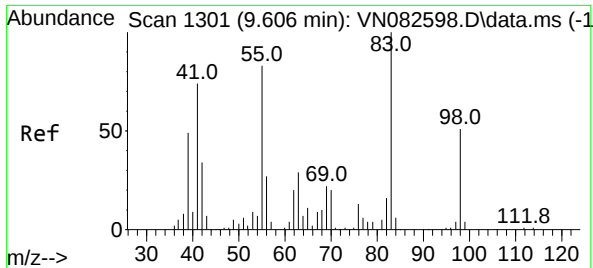
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#38
Carbon Tetrachloride
Concen: 51.670 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

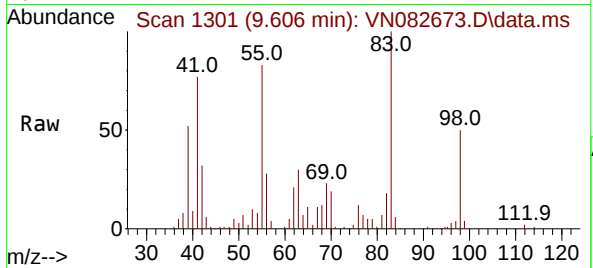
Tgt Ion:117 Resp: 160990
Ion Ratio Lower Upper
117 100
119 93.4 74.9 112.3
121 30.3 24.3 36.5





#39
Methylcyclohexane
Concen: 51.164 ug/l
RT: 9.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

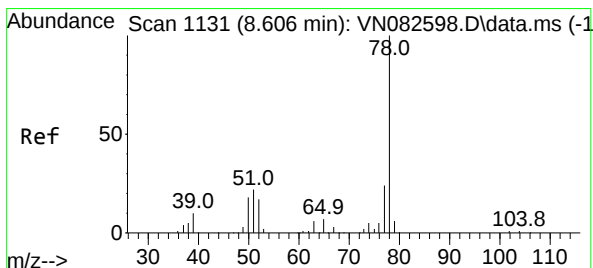
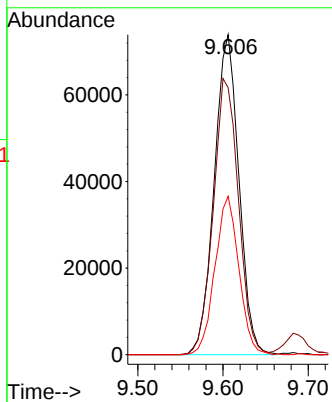
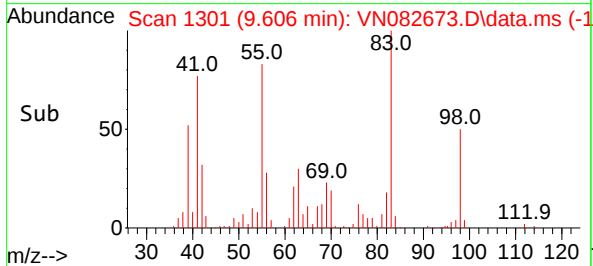
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



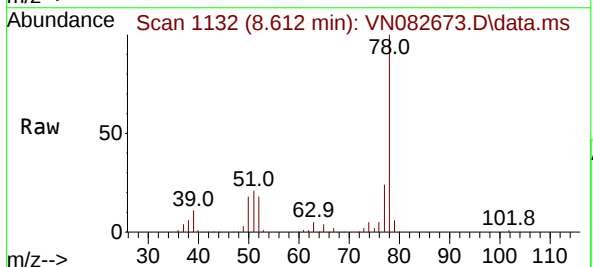
Tgt Ion: 83 Resp: 148860
Ion Ratio Lower Upper
83 100
55 83.5 66.4 99.6
98 49.5 40.7 61.1

Manual Integrations
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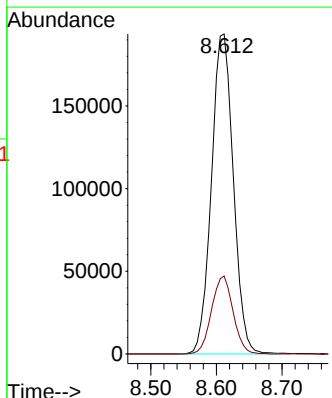
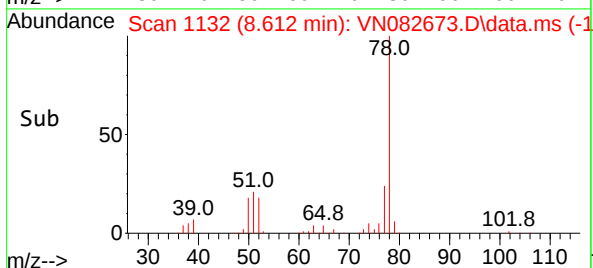
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

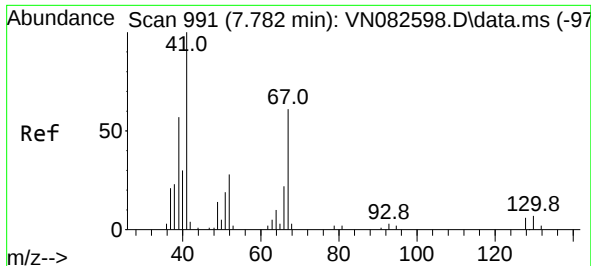


#40
Benzene
Concen: 52.525 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14



Tgt Ion: 78 Resp: 448708
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4





#41
Methacrylonitrile
Concen: 57.740 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

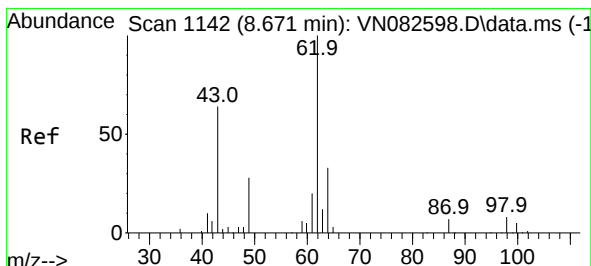
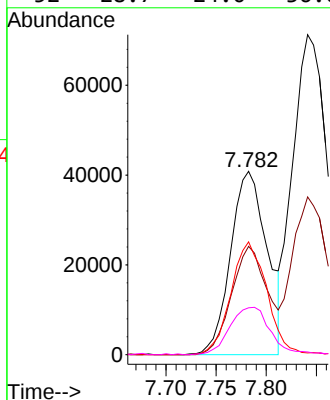
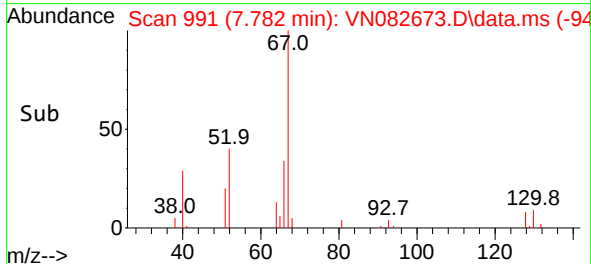
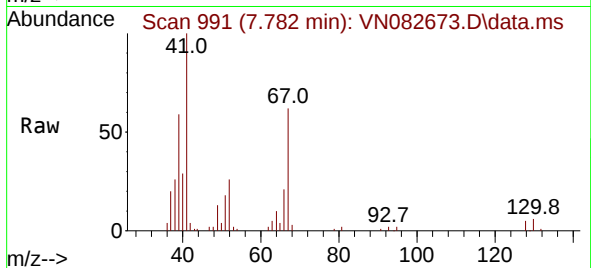
Tgt Ion: 41 Resp: 10394
Ion Ratio Lower Upper
41 100
39 58.1 45.5 68.3
67 60.7 50.5 75.7
52 28.7 24.0 36.0

Manual Integrations

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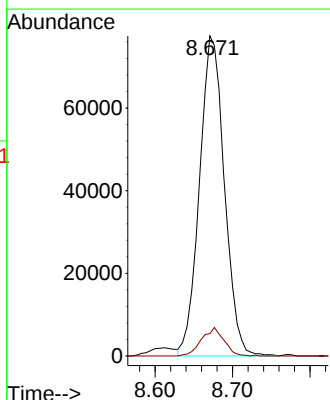
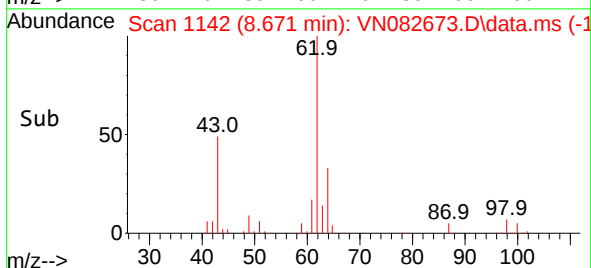
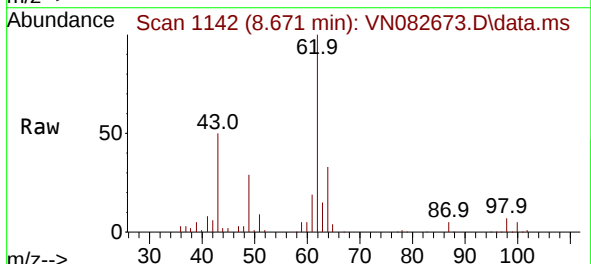
Reviewed By :John Carlone 06/21/2024

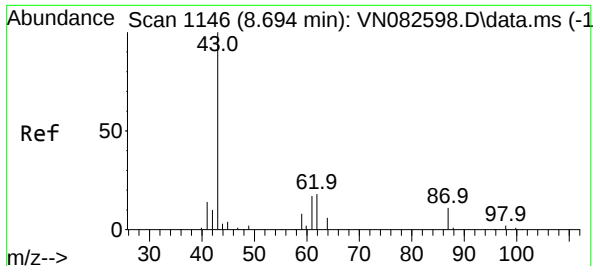
Supervised By :Mahesh Dadoda 06/21/2024



#42
1,2-Dichloroethane
Concen: 53.186 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

Tgt Ion: 62 Resp: 172823
Ion Ratio Lower Upper
62 100
98 8.0 0.0 15.8





#43

Isopropyl Acetate

Concen: 48.486 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082673.D

Acq: 20 Jun 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 31911

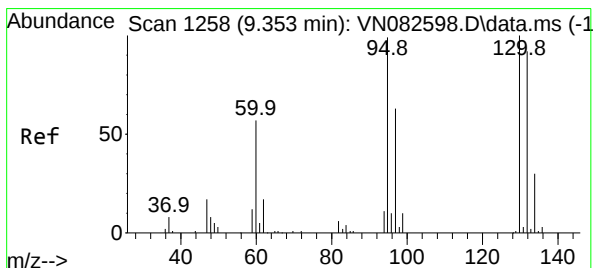
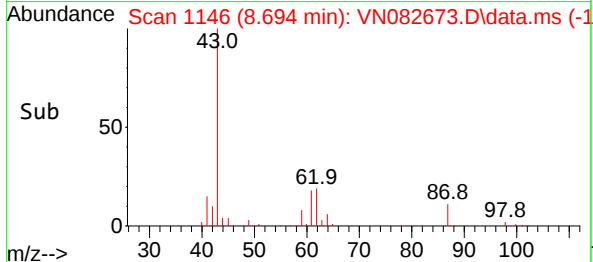
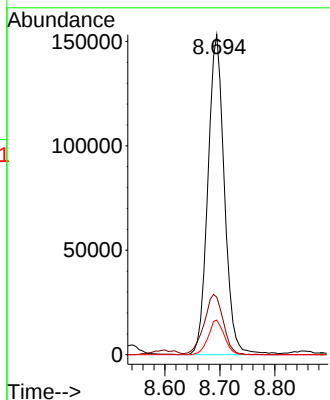
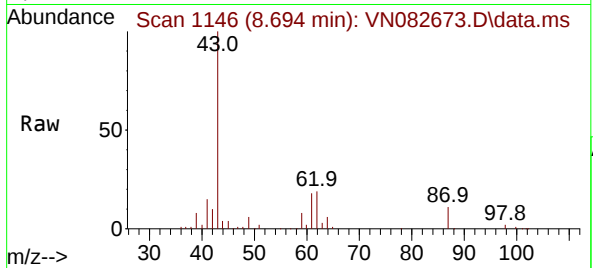
Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.8	26.6
87	10.5	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#44

Trichloroethene

Concen: 49.480 ug/l

RT: 9.353 min Scan# 1258

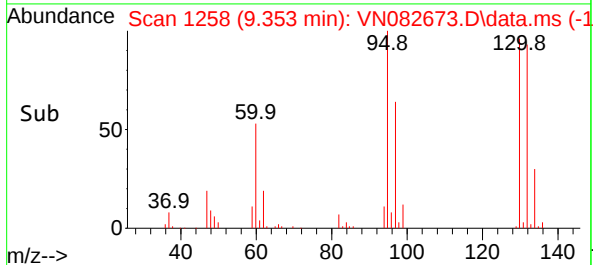
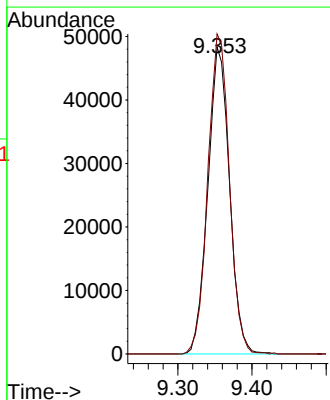
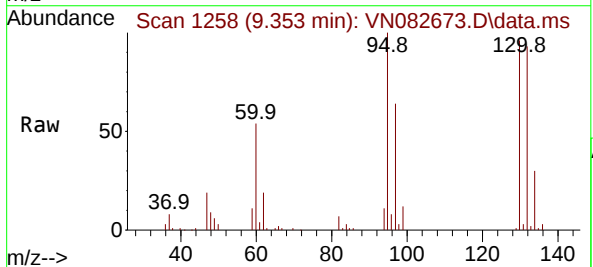
Delta R.T. 0.000 min

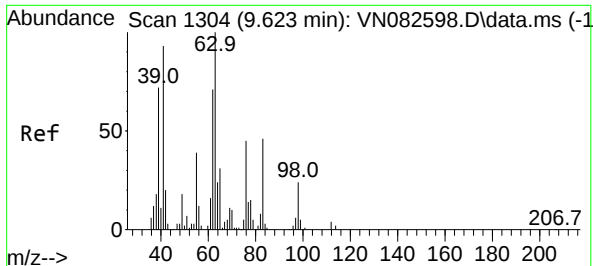
Lab File: VN082673.D

Acq: 20 Jun 2024 17:14

Tgt Ion:130 Resp: 98152

Ion	Ratio	Lower	Upper
130	100		
95	104.3	0.0	197.8





#45

1,2-Dichloropropane

Concen: 52.973 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082673.D

Acq: 20 Jun 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 11648

Ion Ratio Lower Upper

63 100

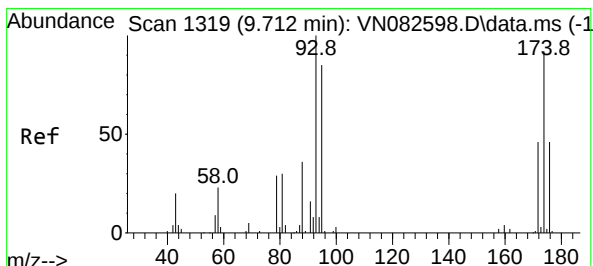
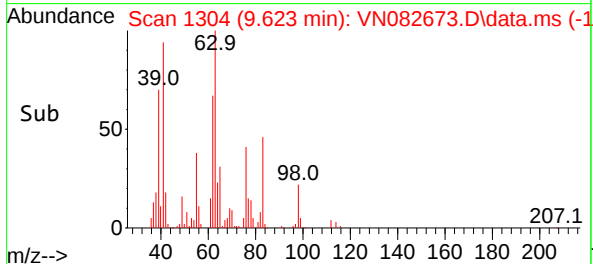
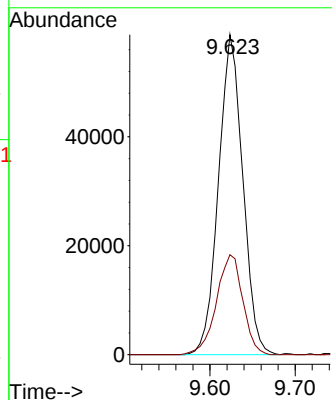
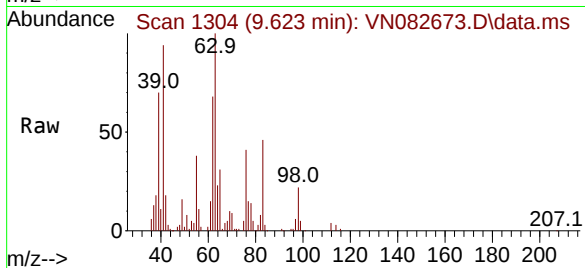
65 31.3 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#46

Dibromomethane

Concen: 53.561 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082673.D

Acq: 20 Jun 2024 17:14

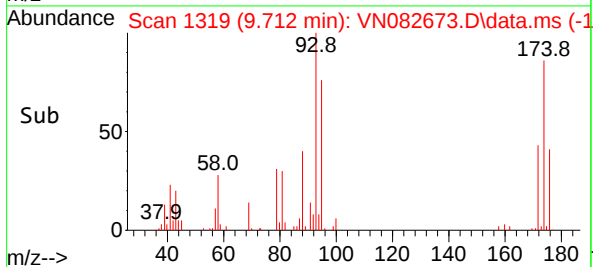
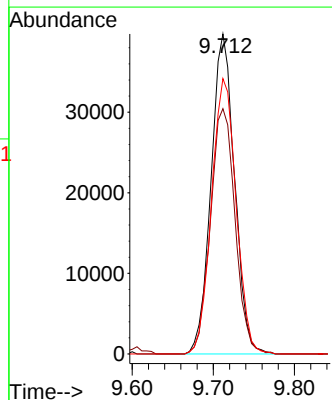
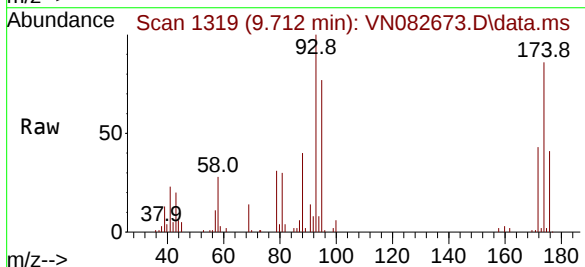
Tgt Ion: 93 Resp: 79836

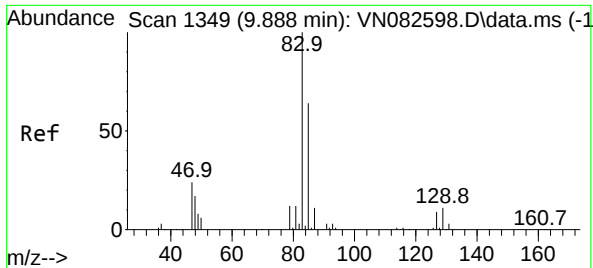
Ion Ratio Lower Upper

93 100

95 80.4 65.8 98.6

174 90.0 71.7 107.5





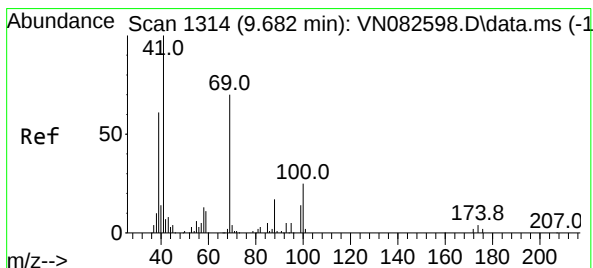
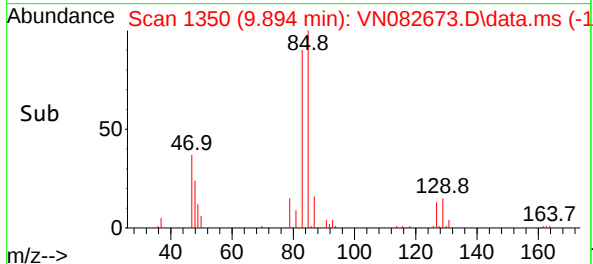
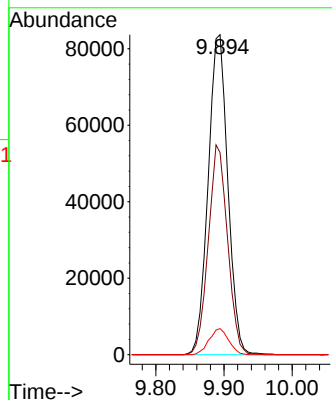
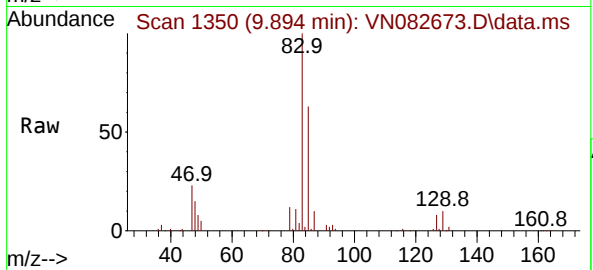
#47
Bromodichloromethane
Concen: 52.830 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 167884
Ion Ratio Lower Upper
83 100
85 63.2 51.1 76.7
127 8.1 7.2 10.8

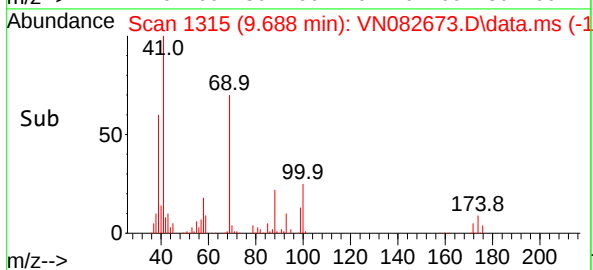
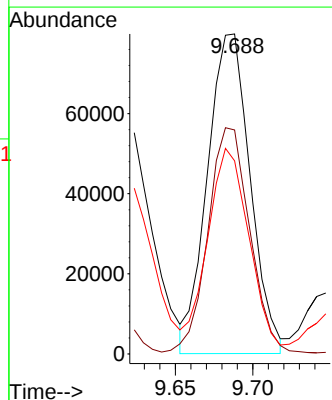
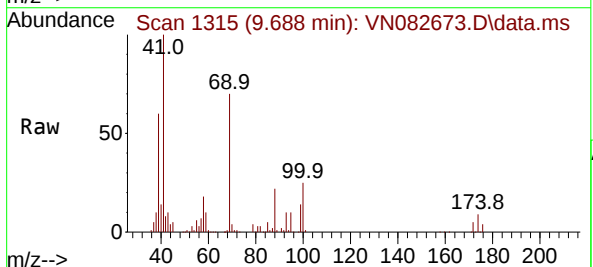
Manual Integrations
APPROVED

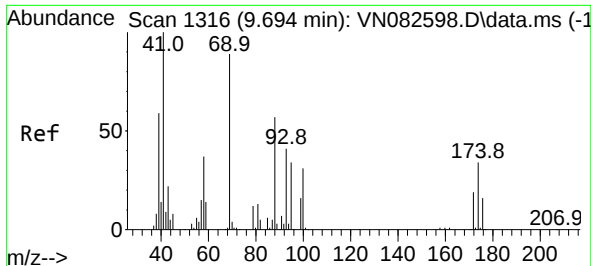
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#48
Methyl methacrylate
Concen: 56.392 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

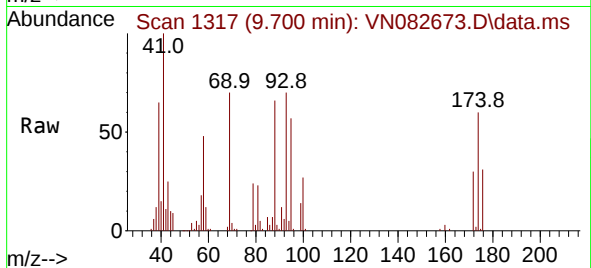
Tgt Ion: 41 Resp: 153002
Ion Ratio Lower Upper
41 100
69 69.9 56.3 84.5
39 63.3 50.3 75.5





#49
1,4-Dioxane
Concen: 1202.165 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

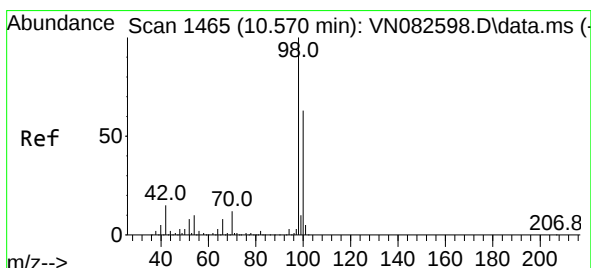
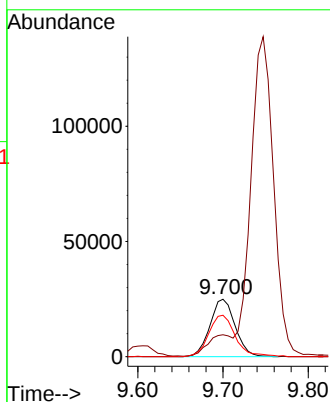
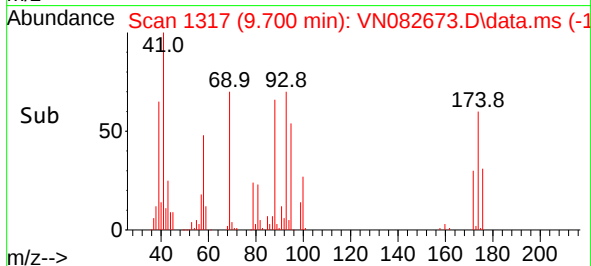
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 51019
Ion Ratio Lower Upper
88 100
43 37.1 27.8 41.8
58 76.9 59.4 89.0

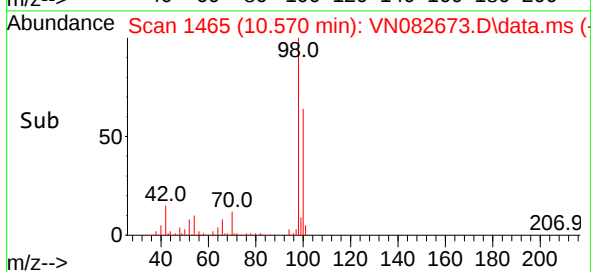
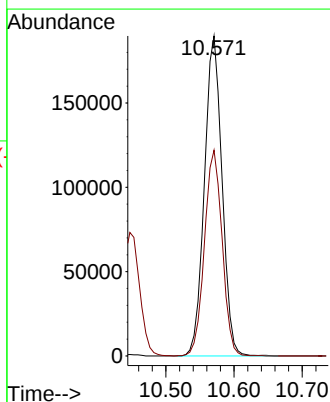
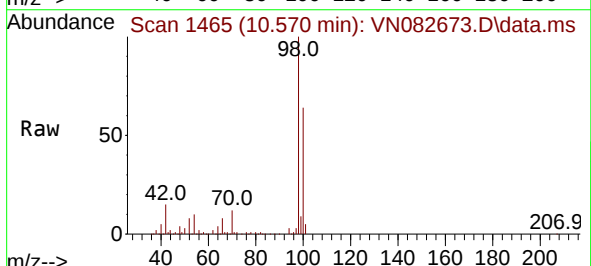
Manual Integrations
APPROVED

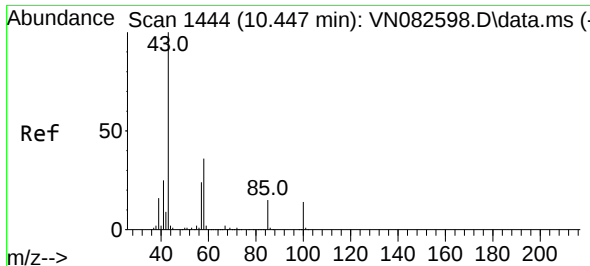
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#50
Toluene-d8
Concen: 48.822 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

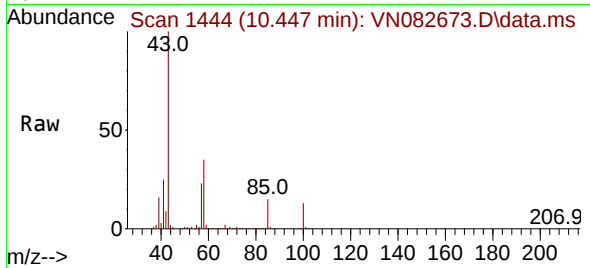
Tgt Ion: 98 Resp: 341455
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 297.332 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

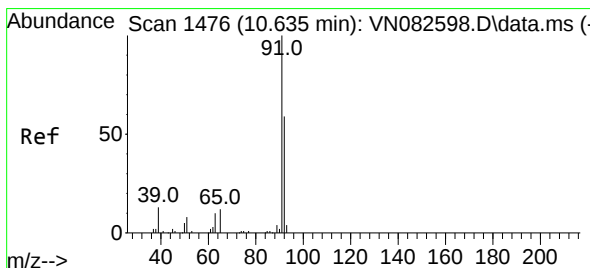
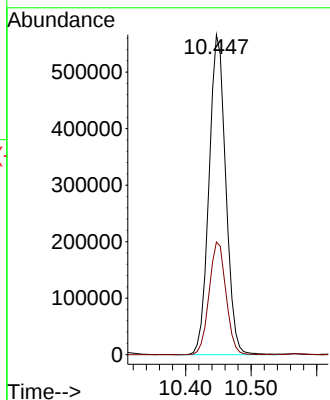
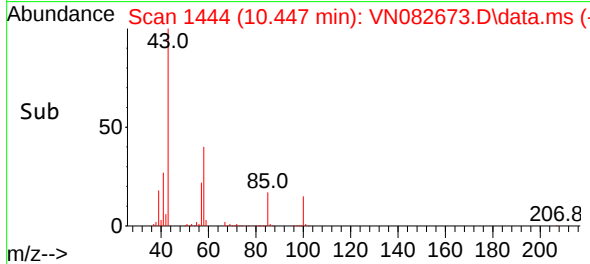
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1003729
Ion Ratio Lower Upper
43 100
58 35.5 28.2 42.4

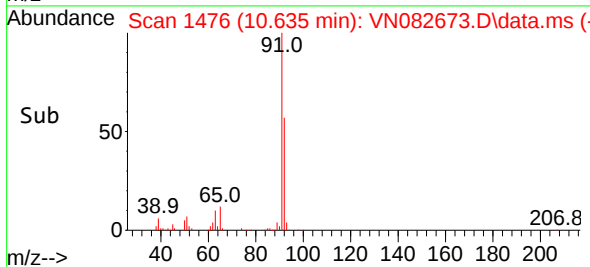
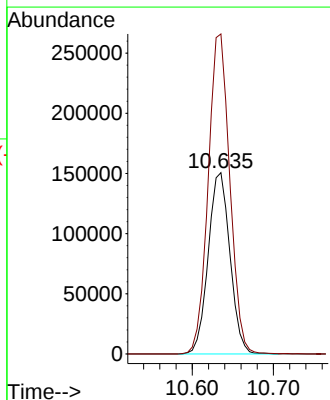
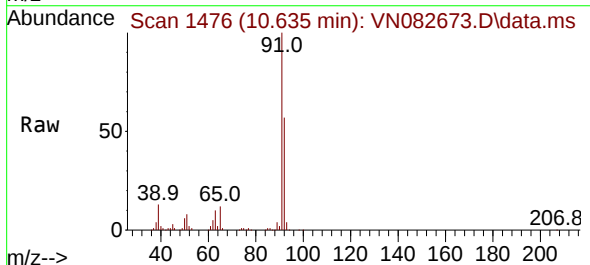
Manual Integrations
APPROVED

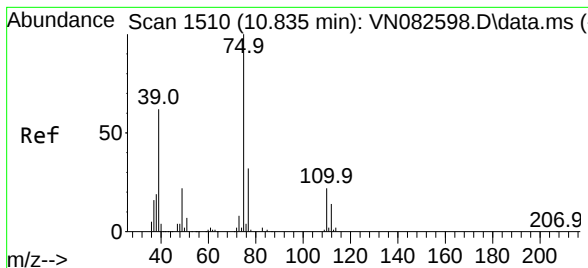
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#52
Toluene
Concen: 54.083 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

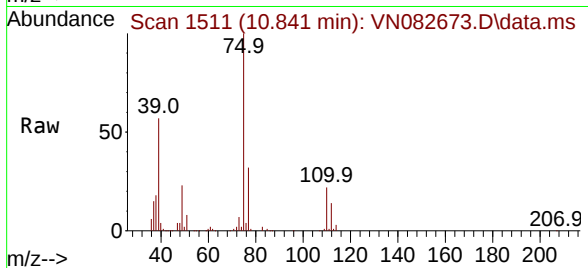
Tgt Ion: 92 Resp: 279996
Ion Ratio Lower Upper
92 100
91 175.7 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 54.524 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

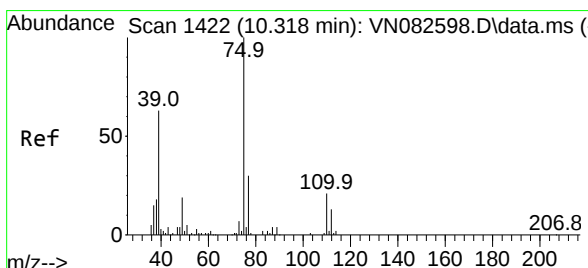
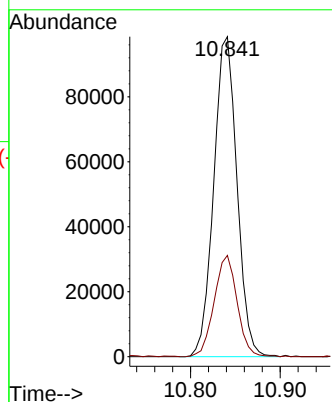
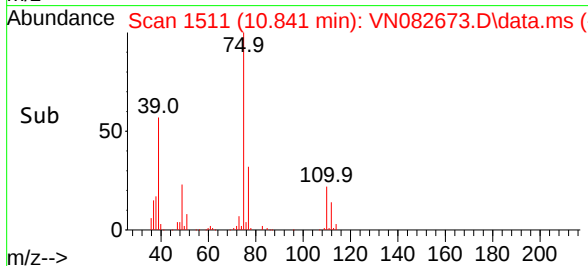
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



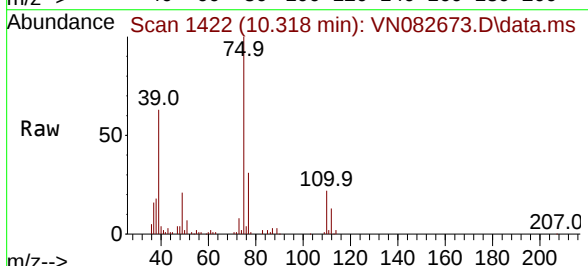
Tgt Ion: 75 Resp: 177129
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5

Manual Integrations
APPROVED

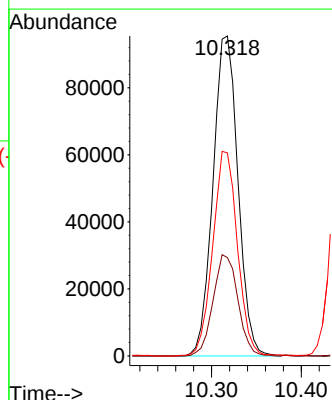
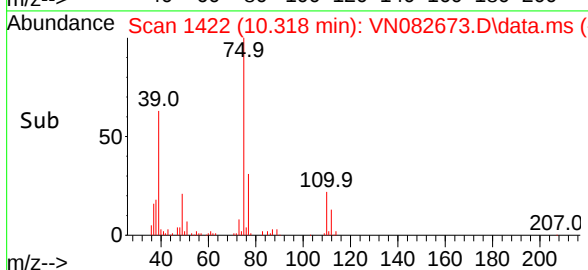
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

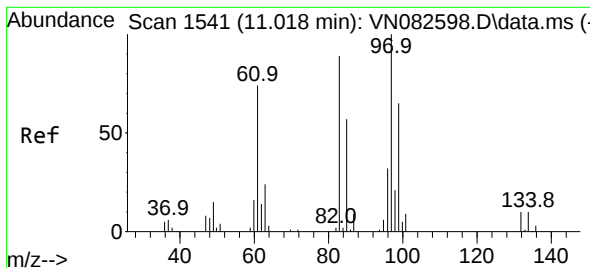


#54
cis-1,3-Dichloropropene
Concen: 54.924 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14



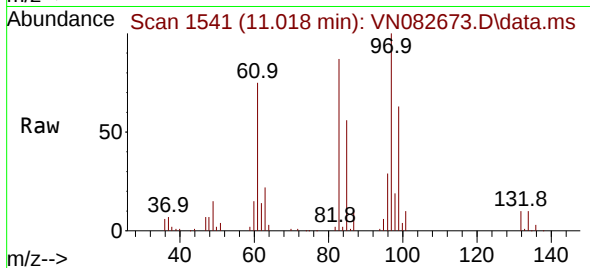
Tgt Ion: 75 Resp: 184511
Ion Ratio Lower Upper
75 100
77 30.8 24.3 36.5
39 63.2 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 56.370 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

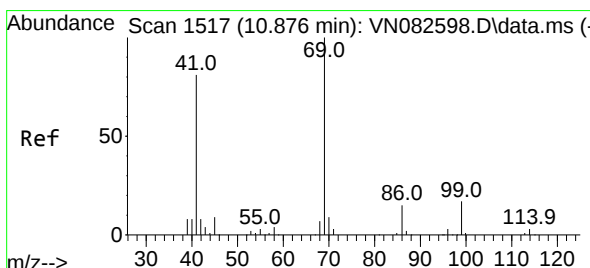
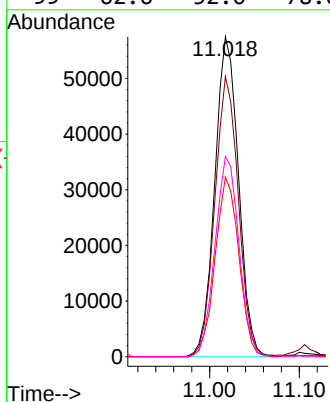
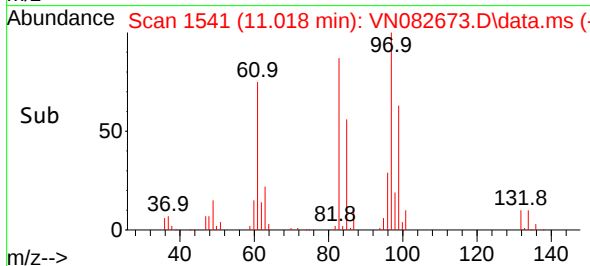
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



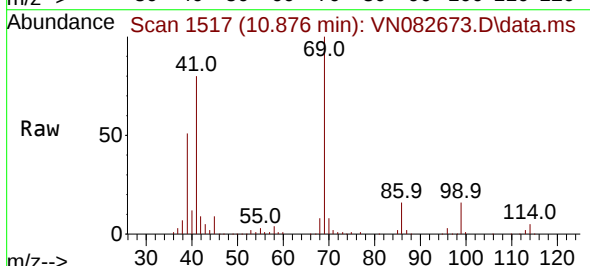
Tgt Ion: 97 Resp: 105628
Ion Ratio Lower Upper
97 100
83 87.5 71.4 107.0
85 56.1 45.8 68.6
99 62.6 52.0 78.0

Manual Integrations
APPROVED

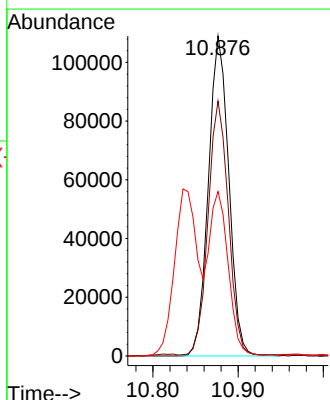
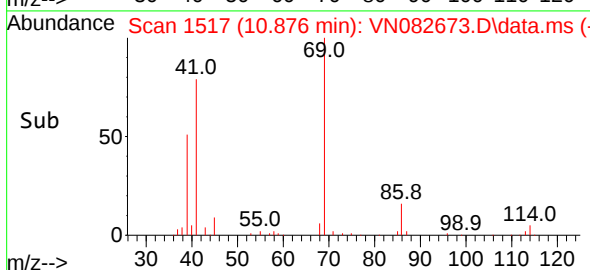
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

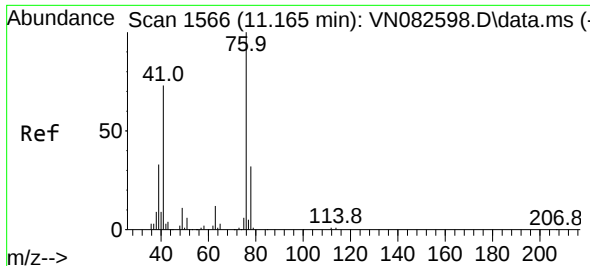


#56
Ethyl methacrylate
Concen: 58.304 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14



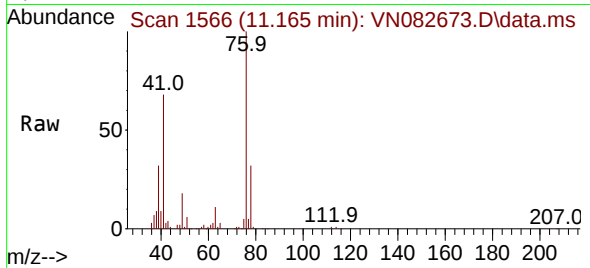
Tgt Ion: 69 Resp: 180947
Ion Ratio Lower Upper
69 100
41 78.7 63.4 95.2
39 47.7 37.4 56.0





#57
1,3-Dichloropropane
Concen: 55.533 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

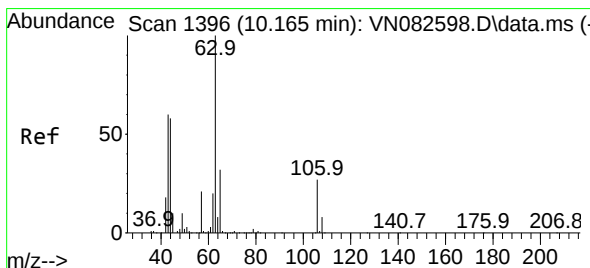
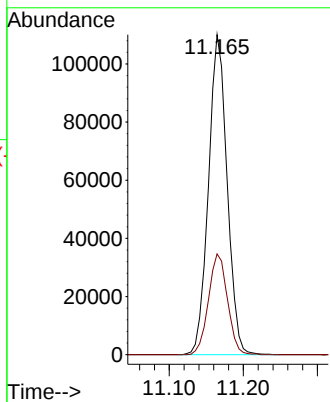
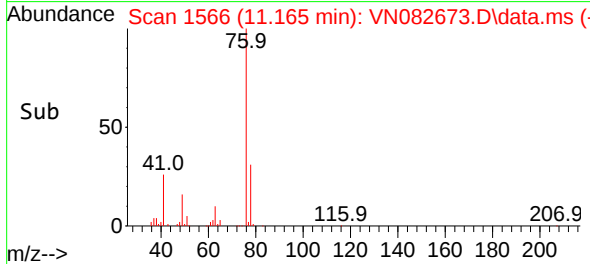
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 192369
Ion Ratio Lower Upper
76 100
78 32.0 25.6 38.4

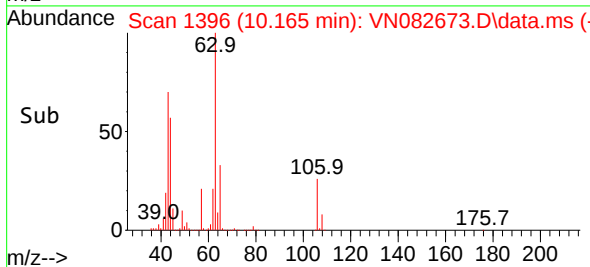
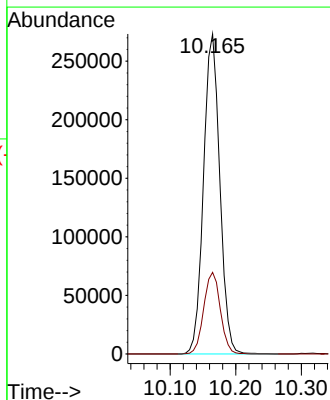
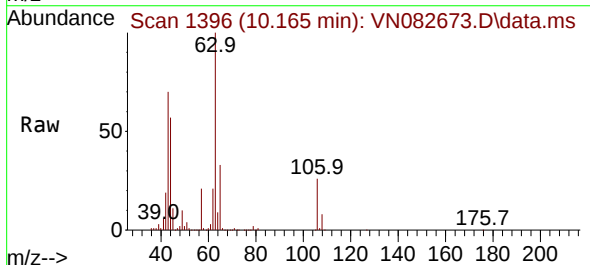
Manual Integrations
APPROVED

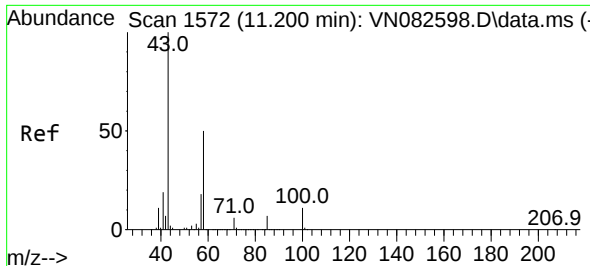
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#58
2-Chloroethyl Vinyl ether
Concen: 287.333 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

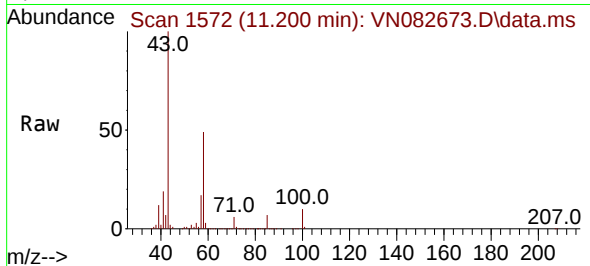
Tgt Ion: 63 Resp: 471729
Ion Ratio Lower Upper
63 100
106 26.0 21.4 32.0





#59
2-Hexanone
Concen: 298.492 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

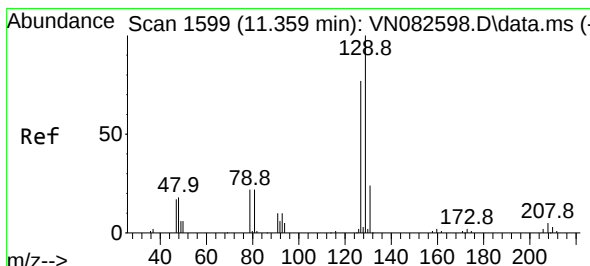
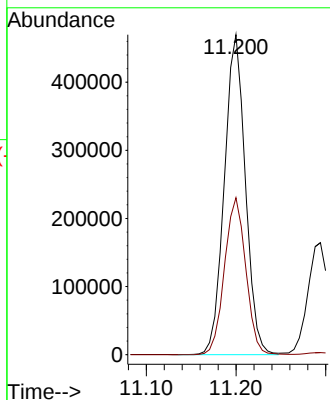
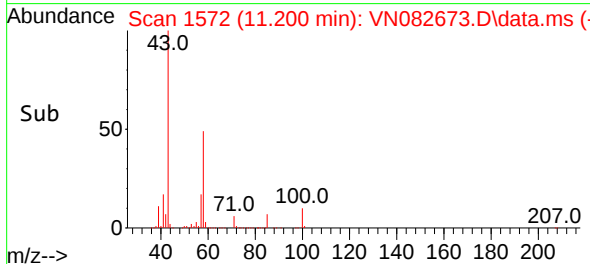
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 765852
Ion Ratio Lower Upper
43 100
58 49.5 24.6 73.8

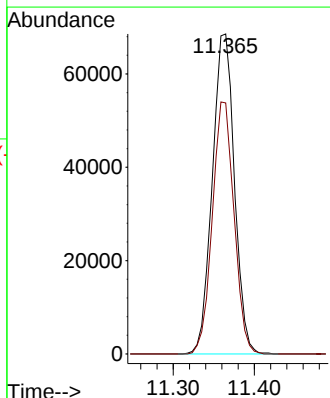
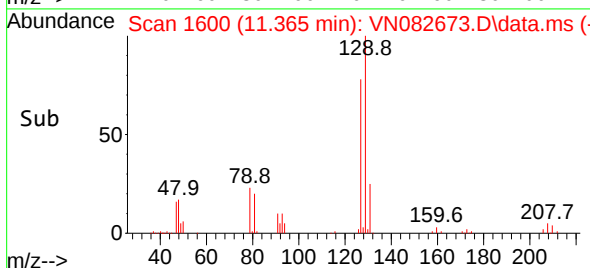
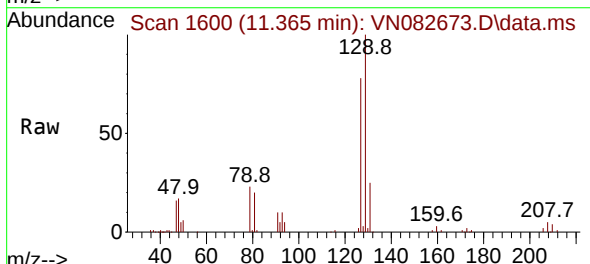
Manual Integrations
APPROVED

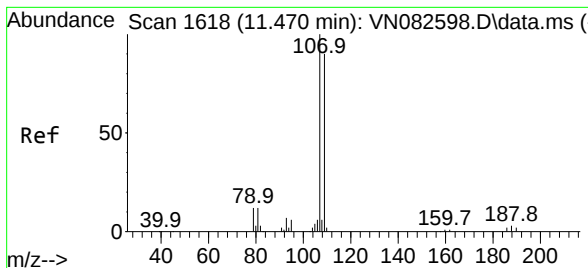
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#60
Dibromochloromethane
Concen: 56.870 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

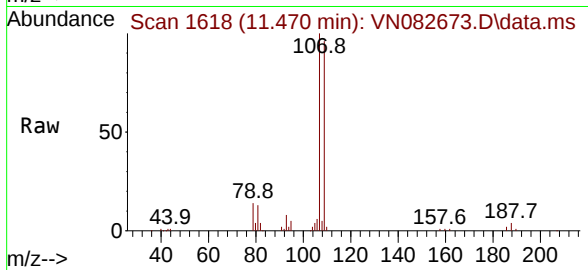
Tgt Ion:129 Resp: 130084
Ion Ratio Lower Upper
129 100
127 77.1 39.2 117.6





#61
1,2-Dibromoethane
Concen: 54.273 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

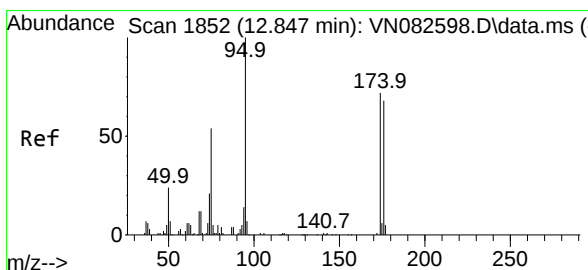
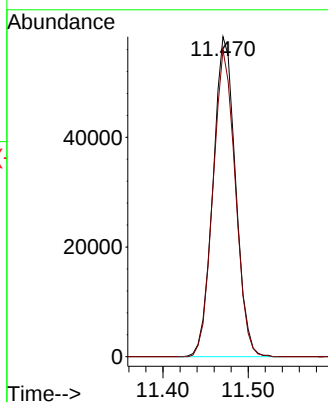
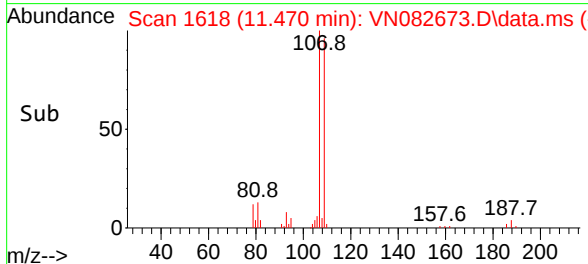
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



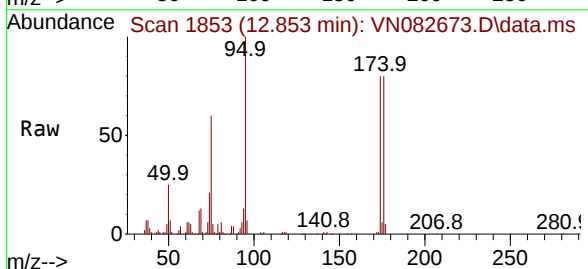
Tgt Ion:107 Resp: 107225
Ion Ratio Lower Upper
107 100
109 94.8 73.7 110.5

Manual Integrations
APPROVED

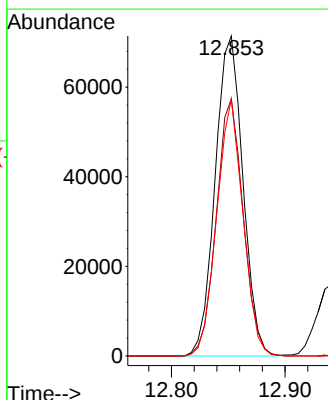
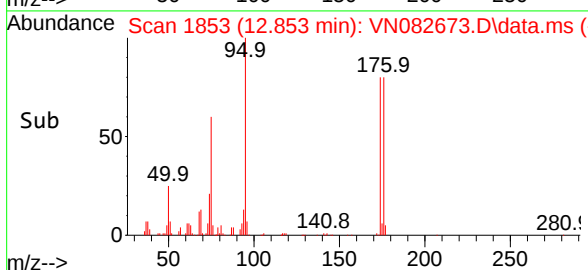
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

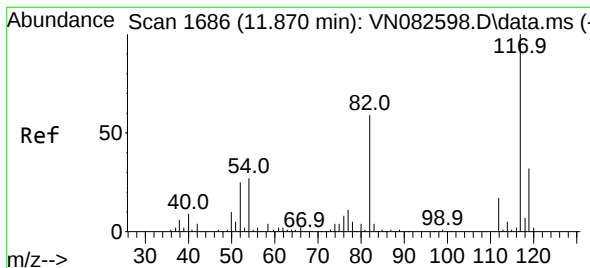


#62
4-Bromofluorobenzene
Concen: 50.223 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14



Tgt Ion: 95 Resp: 121100
Ion Ratio Lower Upper
95 100
174 78.0 0.0 159.2
176 75.9 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082673.D

Acq: 20 Jun 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 260408

Ion Ratio Lower Upper

117 100

82 58.9 47.5 71.3

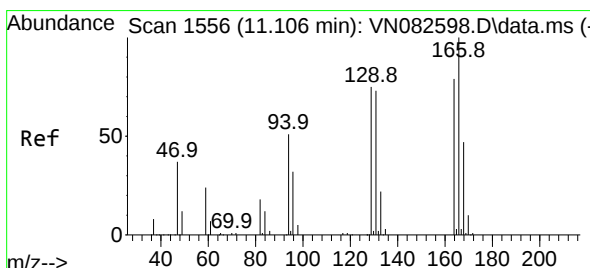
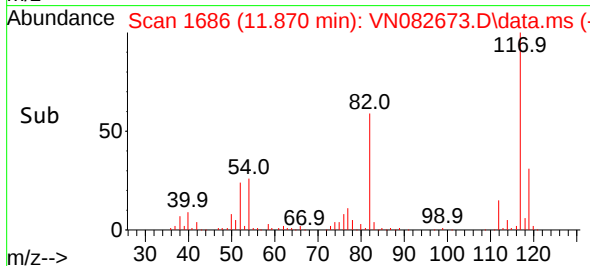
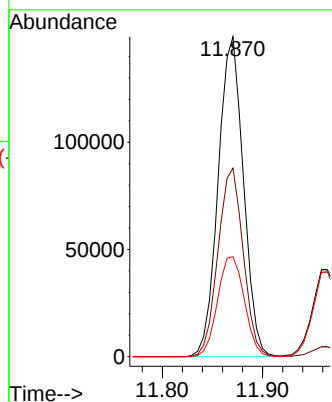
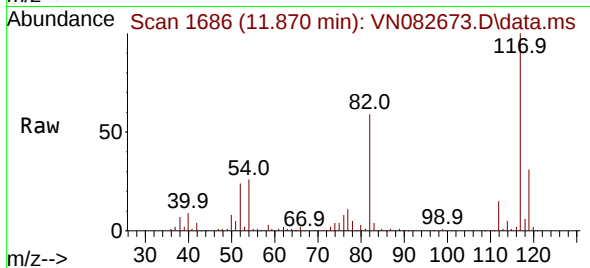
119 31.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#64

Tetrachloroethene

Concen: 45.435 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN082673.D

Acq: 20 Jun 2024 17:14

Tgt Ion:164 Resp: 97555

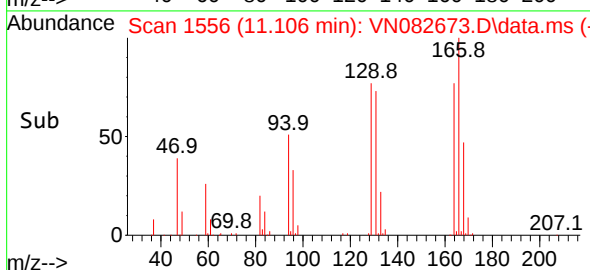
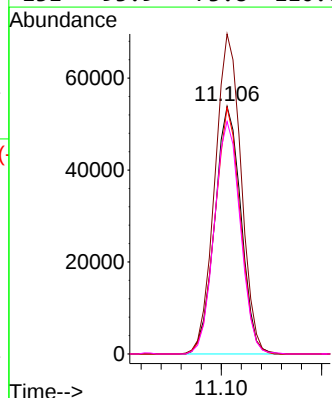
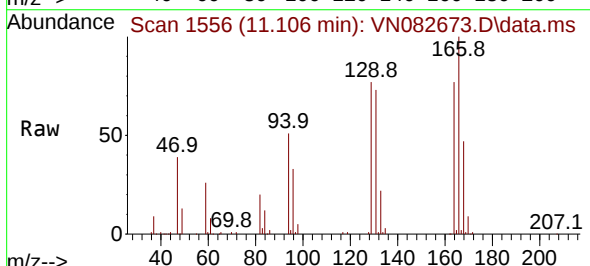
Ion Ratio Lower Upper

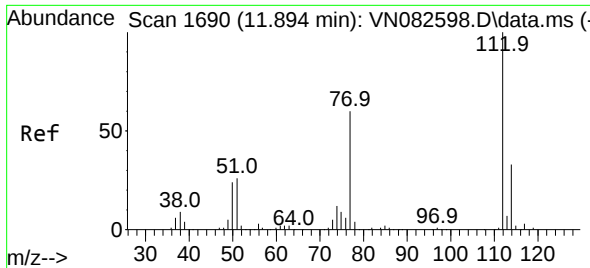
164 100

166 129.3 101.4 152.0

129 99.5 75.7 113.5

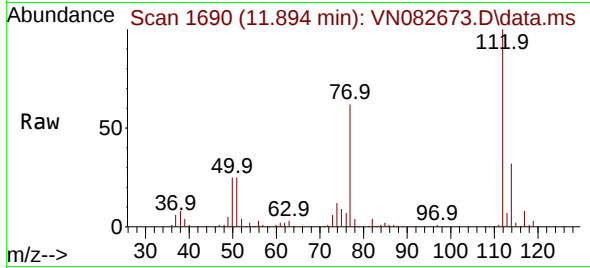
131 93.9 73.8 110.6





#65
Chlorobenzene
Concen: 50.791 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

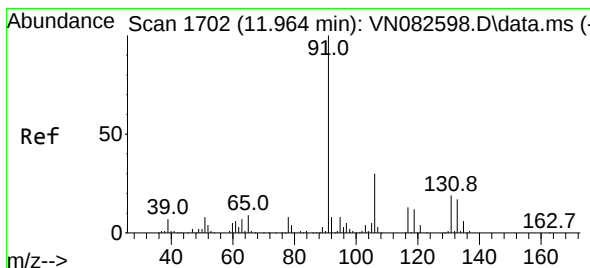
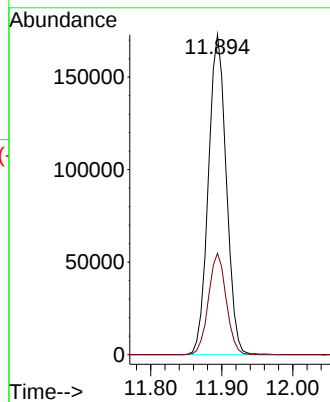
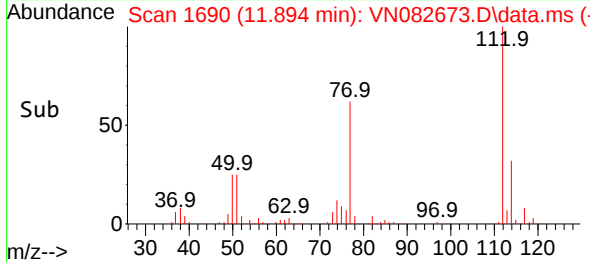
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



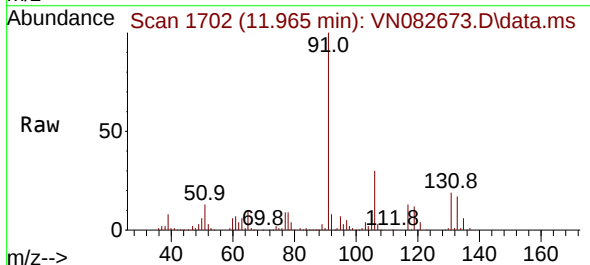
Tgt Ion:112 Resp: 303304
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.2

Manual Integrations
APPROVED

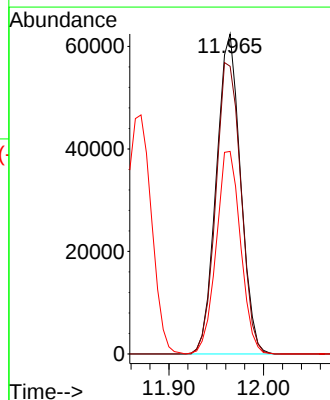
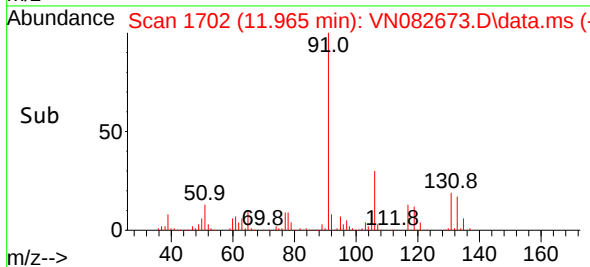
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

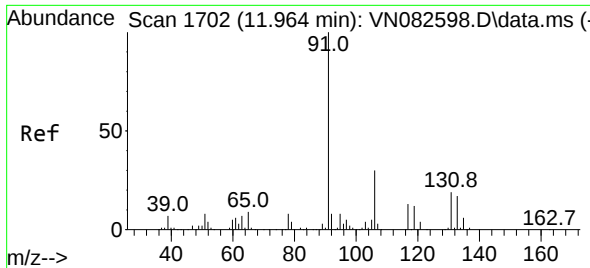


#66
1,1,1,2-Tetrachloroethane
Concen: 52.197 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14



Tgt Ion:131 Resp: 111146
Ion Ratio Lower Upper
131 100
133 94.2 47.3 142.0
119 63.6 32.5 97.4





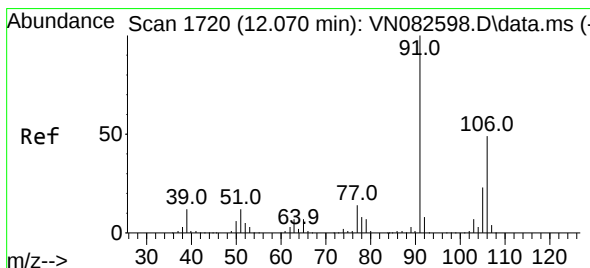
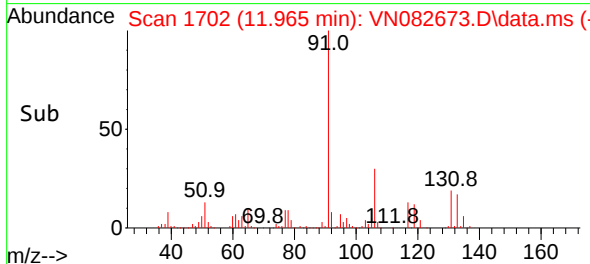
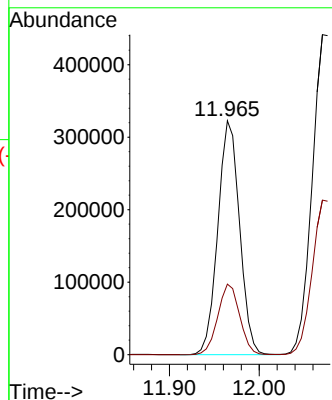
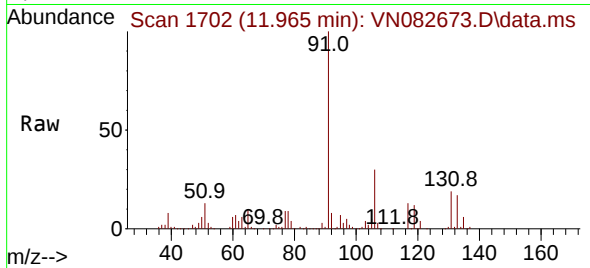
#67
Ethyl Benzene
Concen: 53.307 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 542400
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0

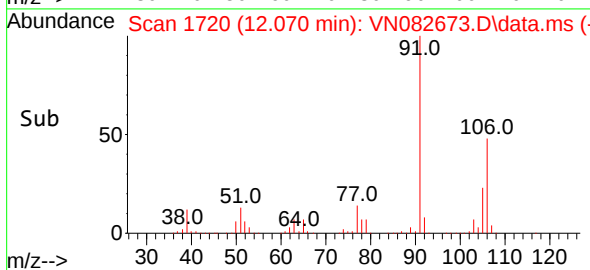
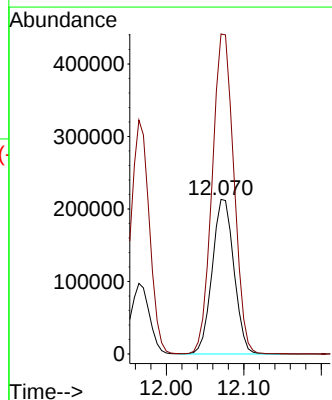
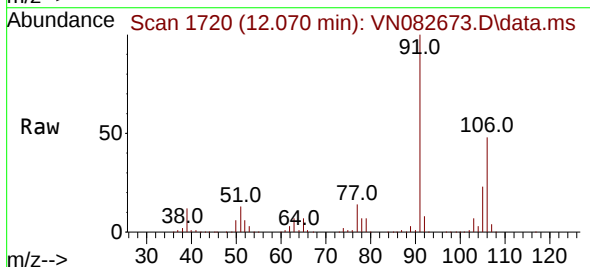
Manual Integrations
APPROVED

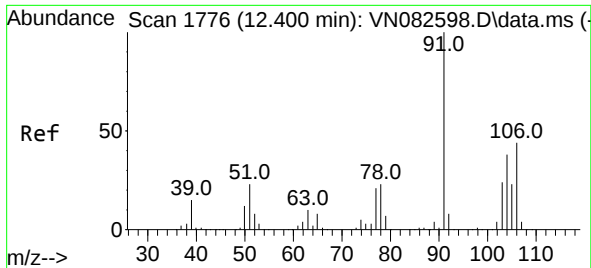
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#68
m/p-Xylenes
Concen: 109.717 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

Tgt Ion:106 Resp: 415326
Ion Ratio Lower Upper
106 100
91 207.2 166.1 249.1





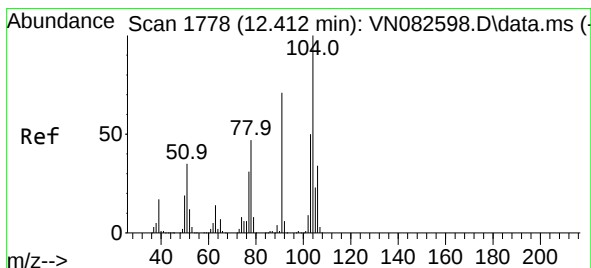
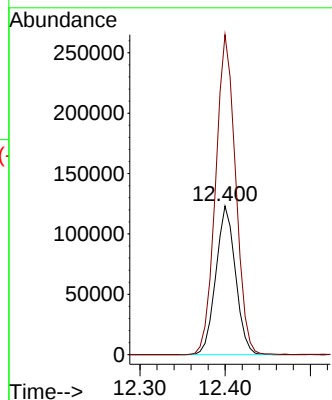
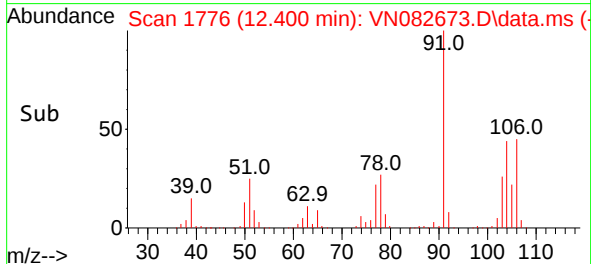
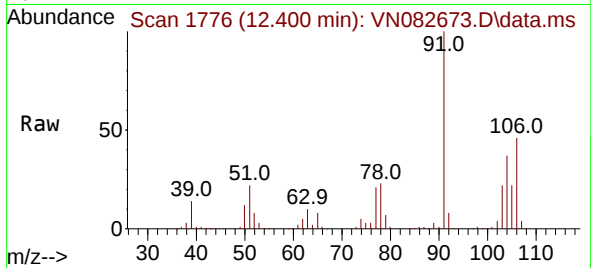
#69
o-Xylene
Concen: 55.359 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 19688
Ion Ratio Lower Upper
106 100
91 219.7 111.3 333.9

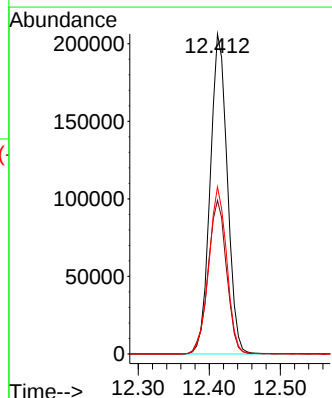
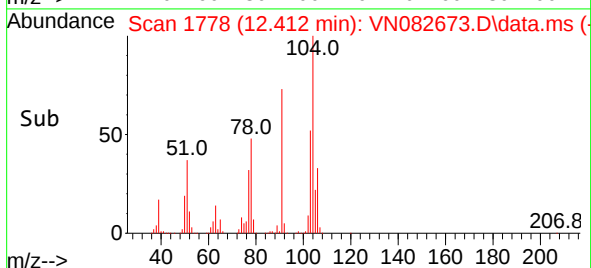
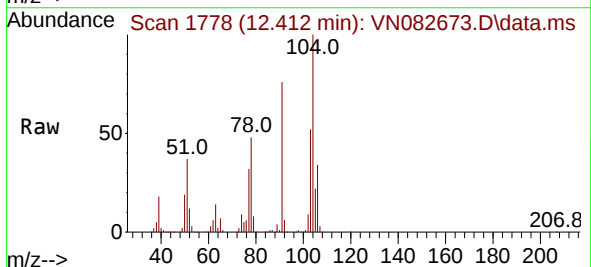
Manual Integrations
APPROVED

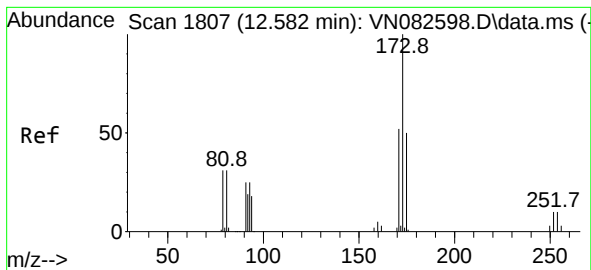
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#70
Styrene
Concen: 57.387 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

Tgt Ion:104 Resp: 346399
Ion Ratio Lower Upper
104 100
78 51.6 41.6 62.4
103 54.5 44.0 66.0





#71

Bromoform

Concen: 55.659 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082673.D

Acq: 20 Jun 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 9370

Ion Ratio Lower Upper

173 100

175 47.1 24.0 72.0

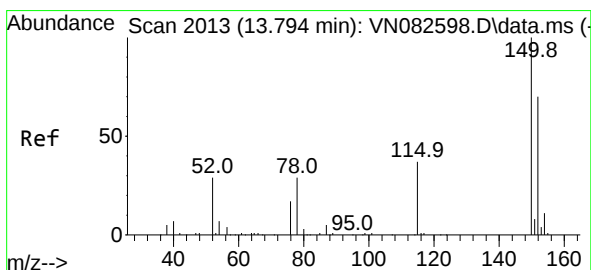
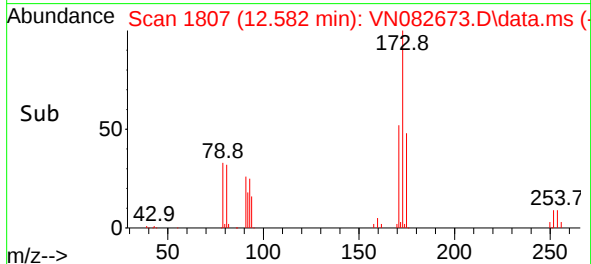
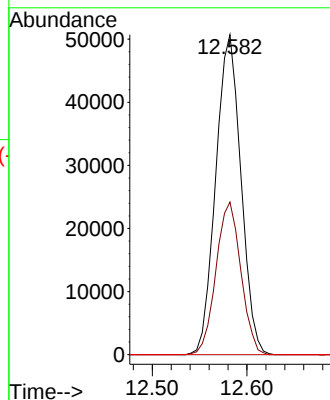
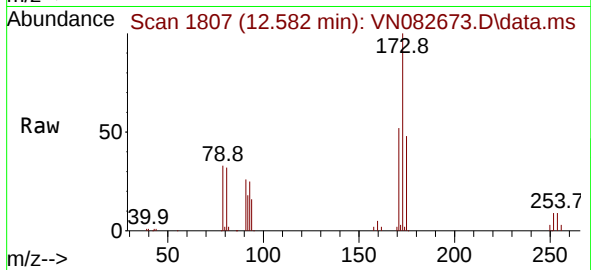
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082673.D

Acq: 20 Jun 2024 17:14

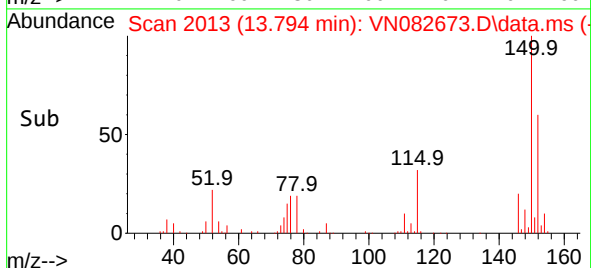
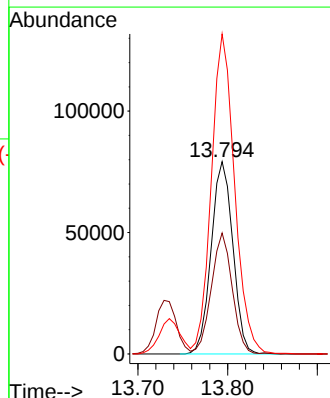
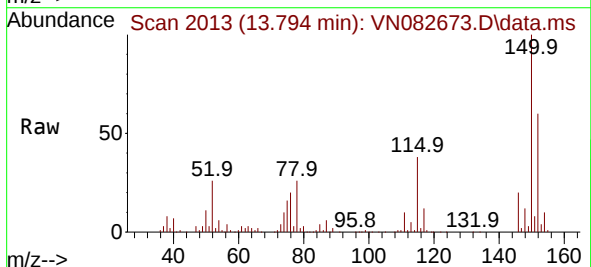
Tgt Ion:152 Resp: 132859

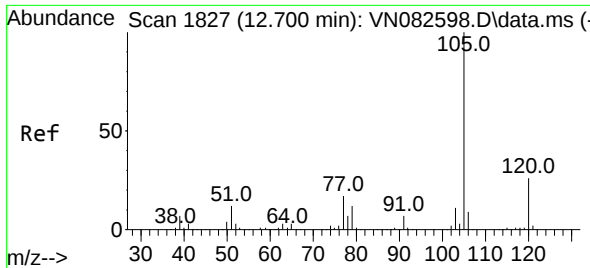
Ion Ratio Lower Upper

152 100

115 60.8 30.6 91.6

150 178.4 0.0 348.6





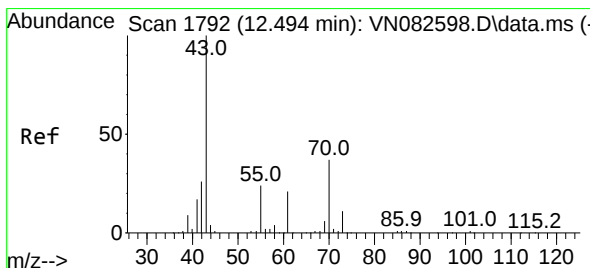
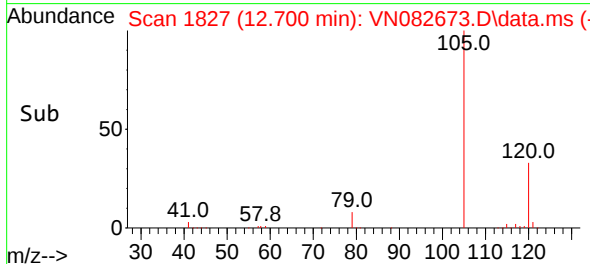
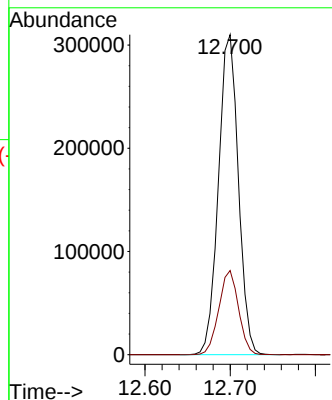
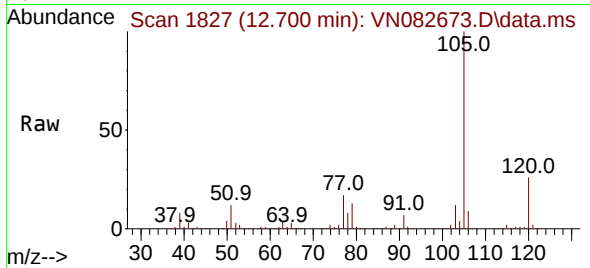
#73
Isopropylbenzene
Concen: 49.875 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 503170
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6

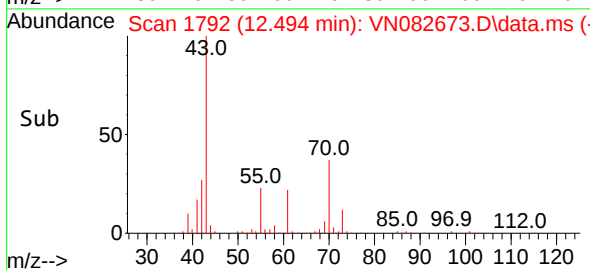
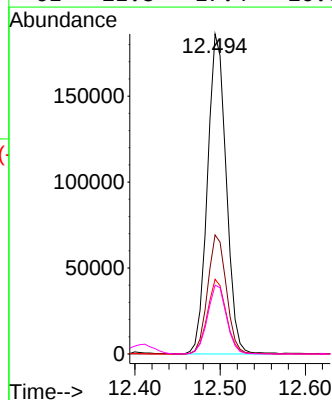
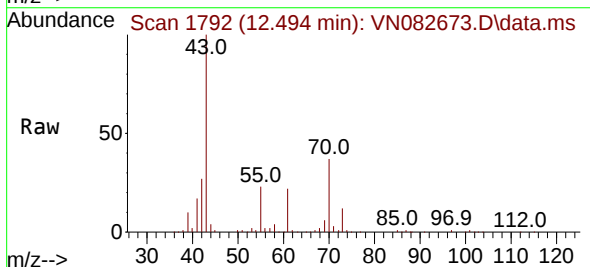
Manual Integrations
APPROVED

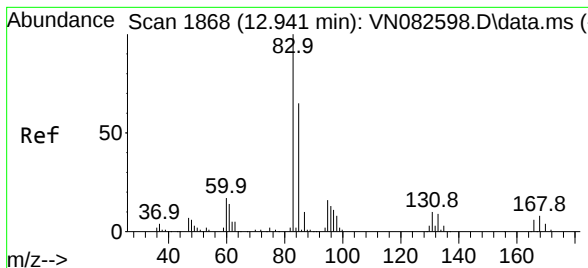
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#74
N-ethyl acetate
Concen: 52.831 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

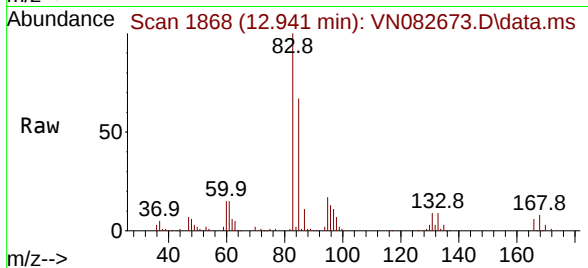
Tgt Ion: 43 Resp: 284455
Ion Ratio Lower Upper
43 100
70 37.2 29.8 44.6
55 23.5 18.7 28.1
61 21.8 17.4 26.0





#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.631 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN082673.D
 Acq: 20 Jun 2024 17:14

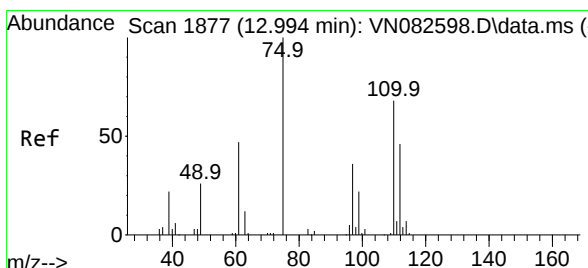
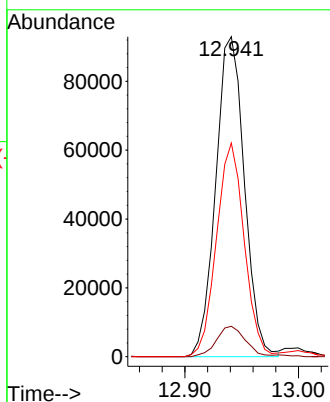
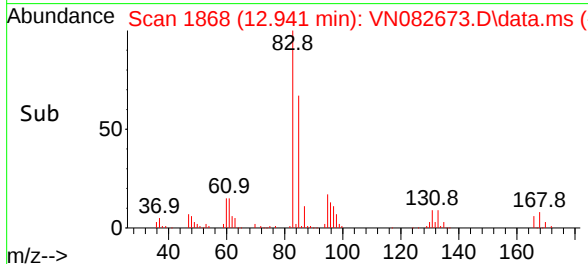
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 83 Resp: 16332
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 14.9
 85 64.6 31.9 95.7

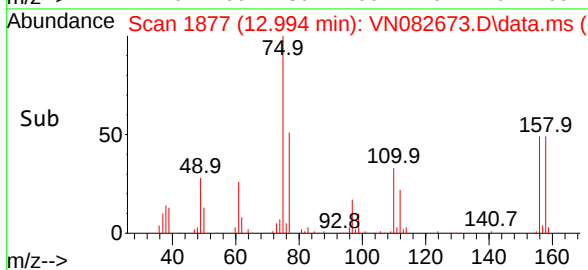
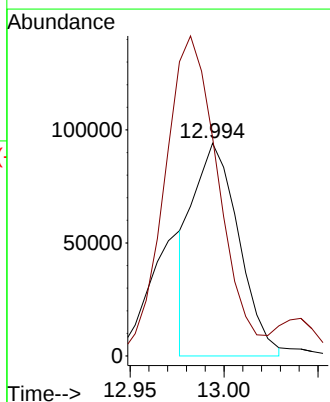
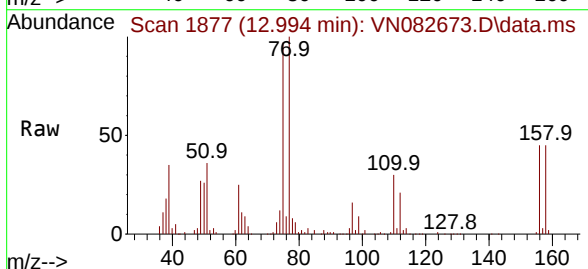
Manual Integrations
 APPROVED

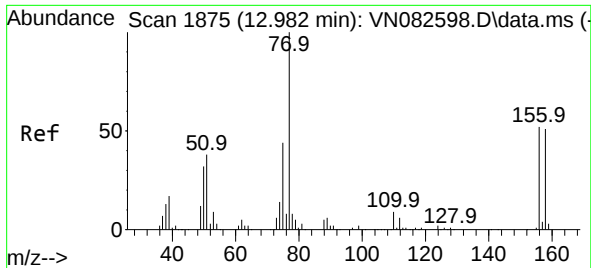
Reviewed By :John Carlone 06/21/2024
 Supervised By :Mahesh Dadoda 06/21/2024



#76
 1,2,3-Trichloropropane
 Concen: 49.225 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN082673.D
 Acq: 20 Jun 2024 17:14

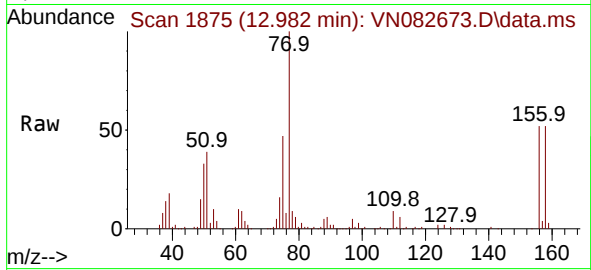
Tgt Ion: 75 Resp: 159959
 Ion Ratio Lower Upper
 75 100
 77 178.1 110.9 332.6





#77
Bromobenzene
Concen: 48.396 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

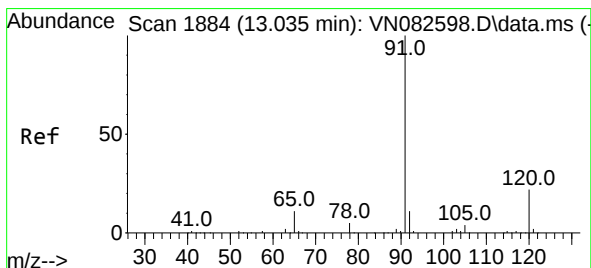
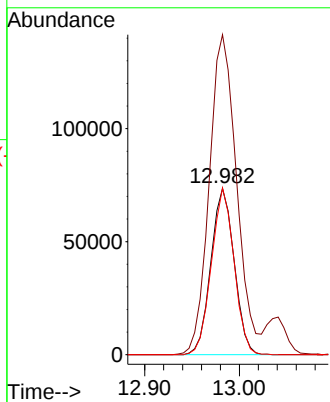
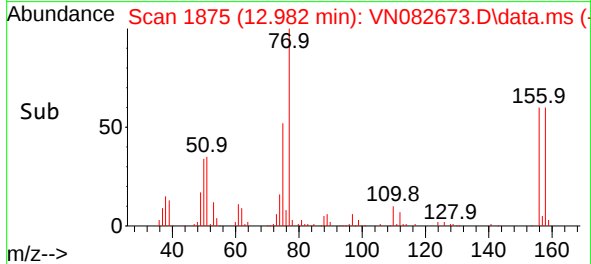
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



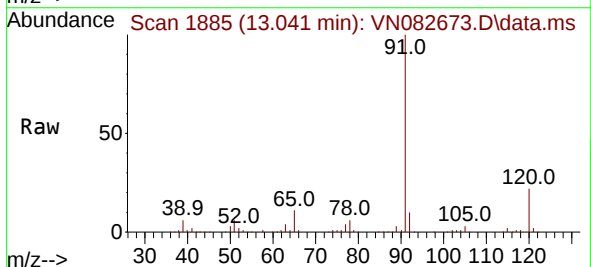
Tgt Ion:156 Resp: 125679
Ion Ratio Lower Upper
156 100
77 226.7 111.3 333.8
158 97.3 48.3 144.9

Manual Integrations
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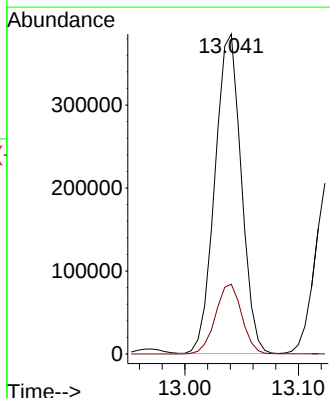
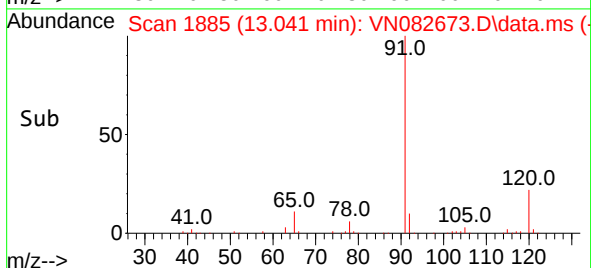
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

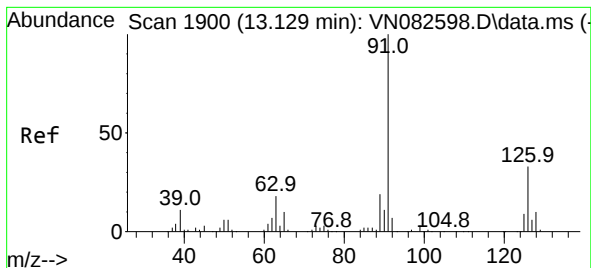


#78
n-propylbenzene
Concen: 51.923 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14



Tgt Ion: 91 Resp: 619636
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.9





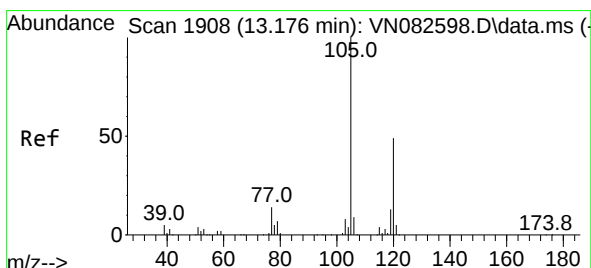
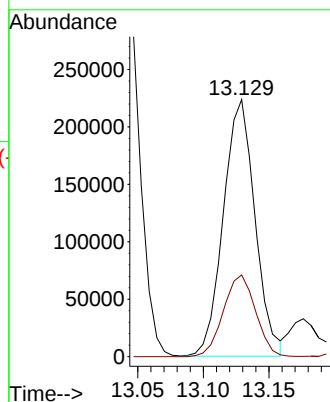
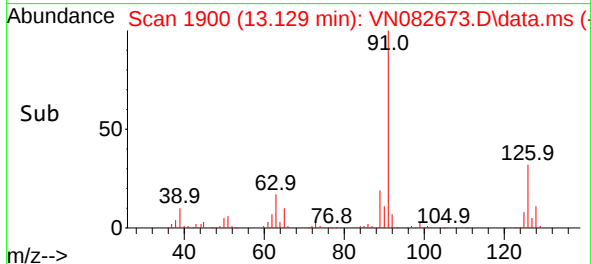
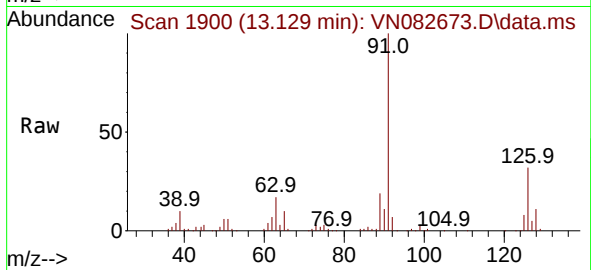
#79
2-Chlorotoluene
Concen: 50.153 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 375334
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.6

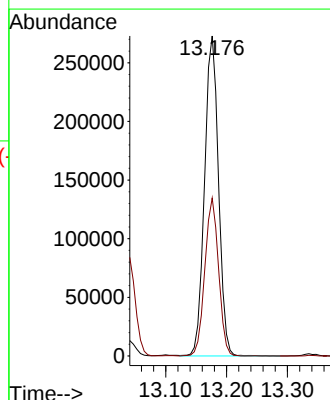
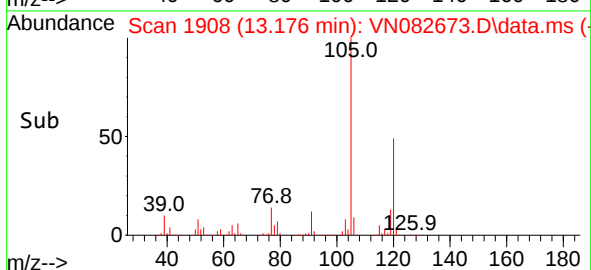
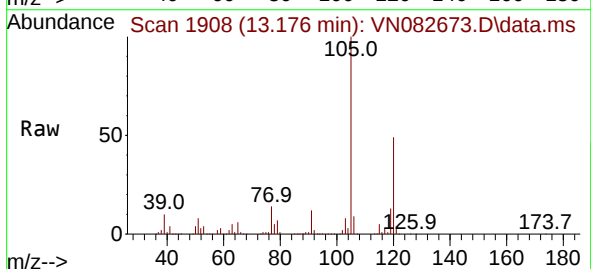
Manual Integrations
APPROVED

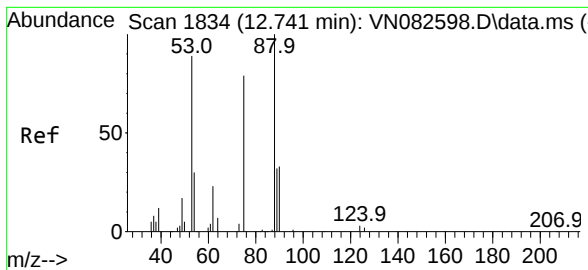
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#80
1,3,5-Trimethylbenzene
Concen: 53.050 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

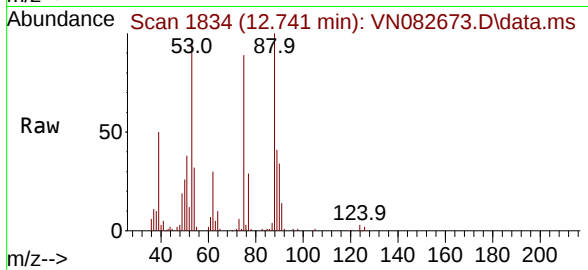
Tgt Ion:105 Resp: 434336
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 54.237 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

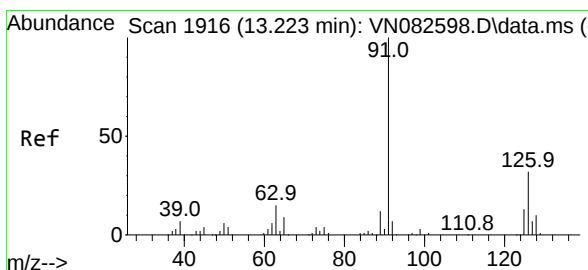
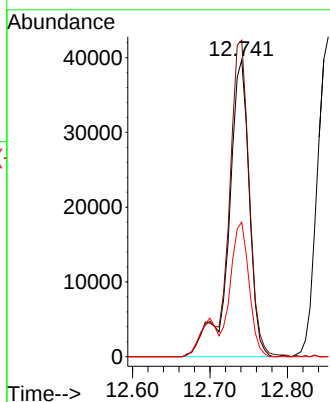
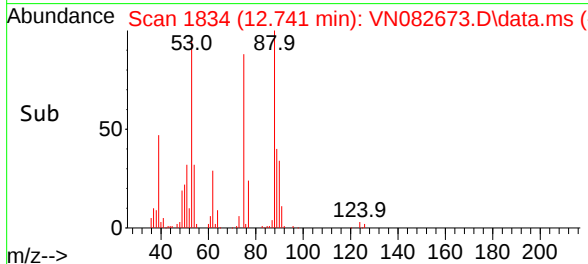
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 73668
Ion Ratio Lower Upper
75 100
53 108.5 88.4 132.6
89 40.7 36.3 54.5

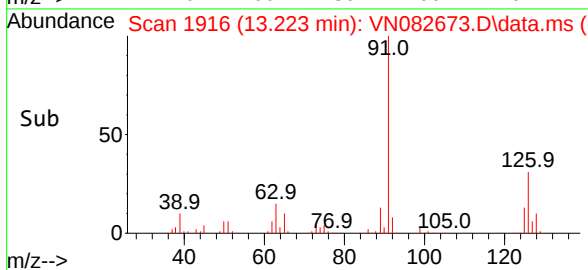
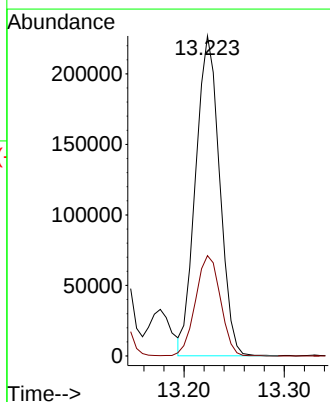
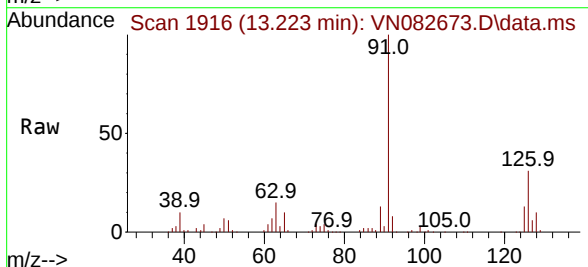
Manual Integrations
APPROVED

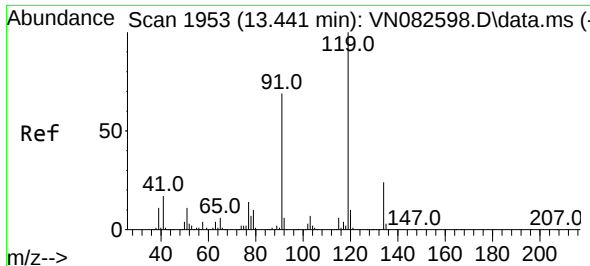
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#82
4-Chlorotoluene
Concen: 50.400 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

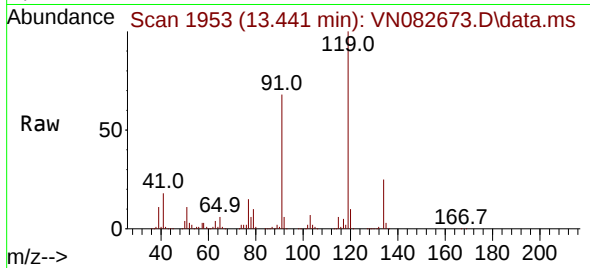
Tgt Ion: 91 Resp: 376784
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6





#83
tert-Butylbenzene
Concen: 52.461 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

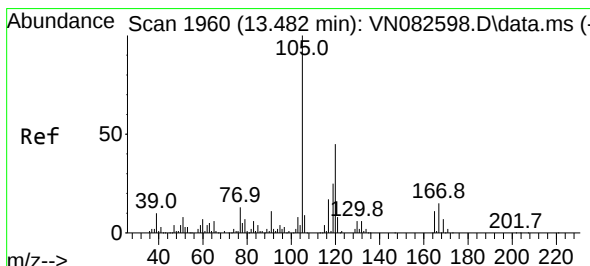
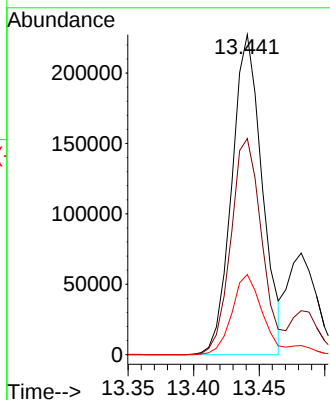
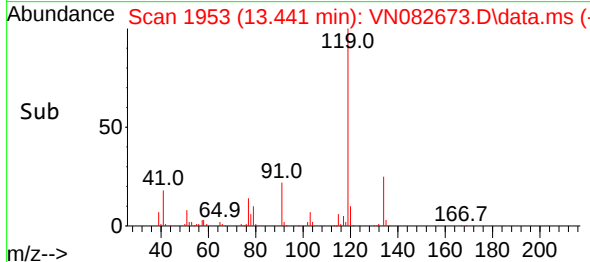
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



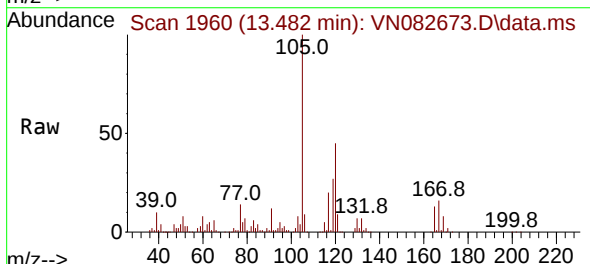
Tgt Ion:119 Resp: 365862
Ion Ratio Lower Upper
119 100
91 69.7 35.0 105.1
134 25.0 13.3 39.8

Manual Integrations
APPROVED

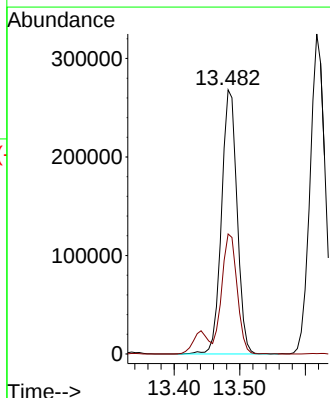
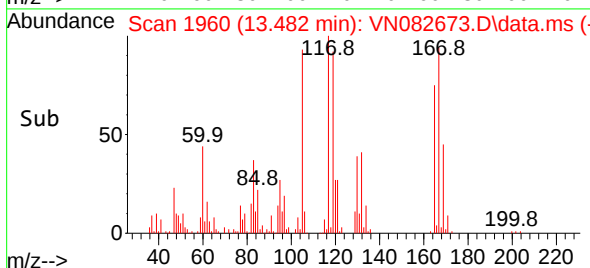
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

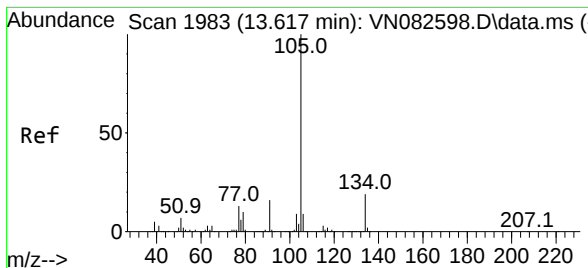


#84
1,2,4-Trimethylbenzene
Concen: 53.549 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14



Tgt Ion:105 Resp: 439799
Ion Ratio Lower Upper
105 100
120 44.5 21.9 65.8





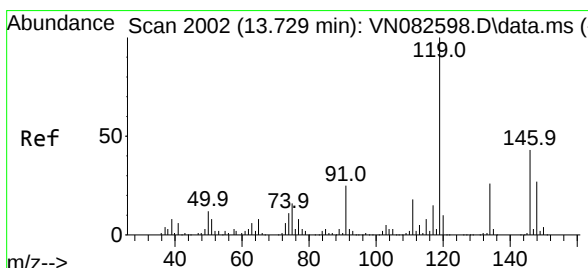
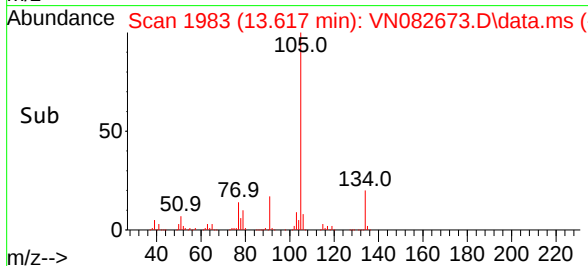
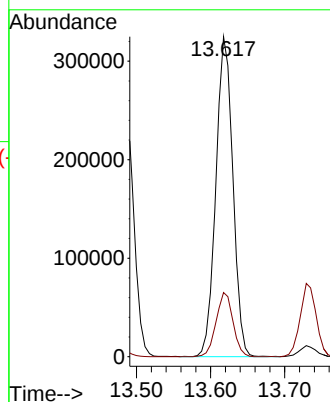
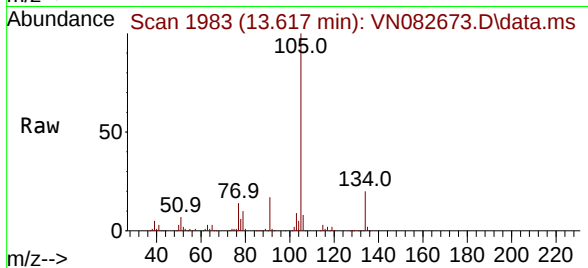
#85
 sec-Butylbenzene
 Concen: 52.260 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082673.D
 Acq: 20 Jun 2024 17:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 517610
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

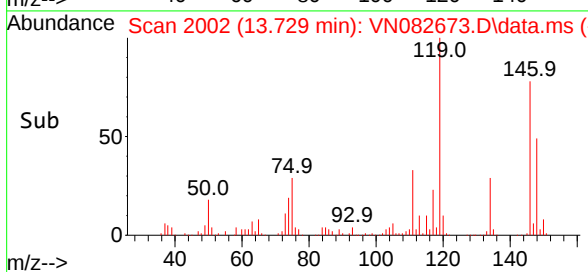
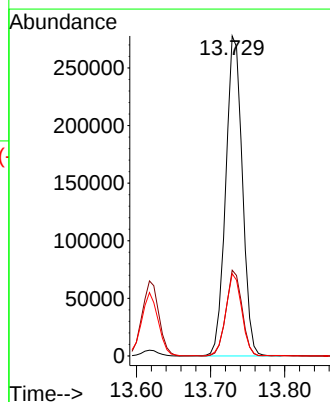
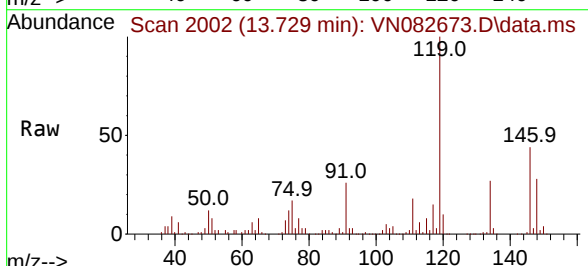
Manual Integrations
 APPROVED

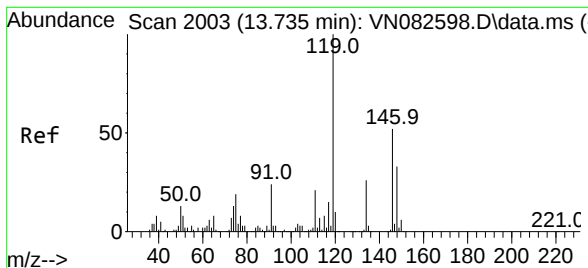
Reviewed By :John Carlone 06/21/2024
 Supervised By :Mahesh Dadoda 06/21/2024



#86
 p-Isopropyltoluene
 Concen: 54.268 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082673.D
 Acq: 20 Jun 2024 17:14

Tgt Ion:119 Resp: 432834
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.7 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 50.171 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN082673.D

Acq: 20 Jun 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 236220

Ion Ratio Lower Upper

146 100

111 42.0 20.6 61.9

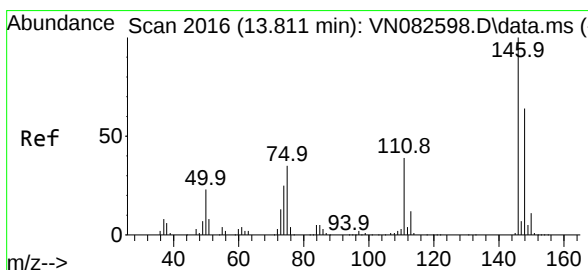
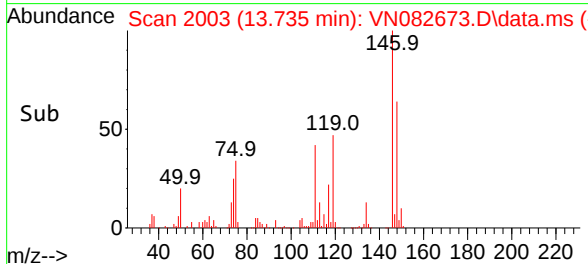
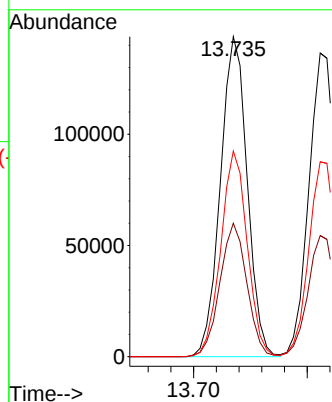
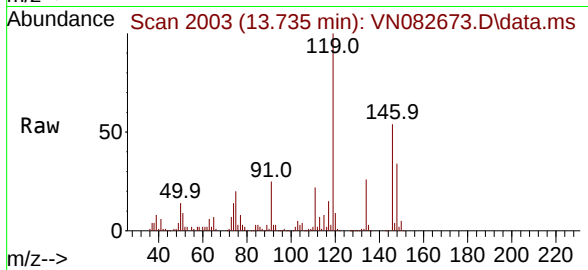
148 63.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#88

1,4-Dichlorobenzene

Concen: 47.382 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN082673.D

Acq: 20 Jun 2024 17:14

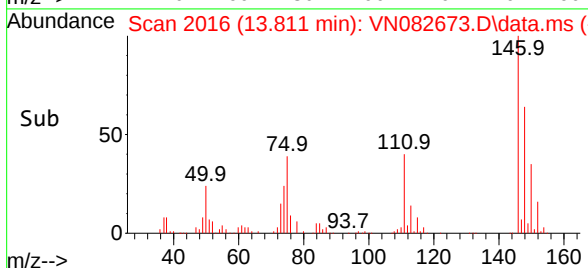
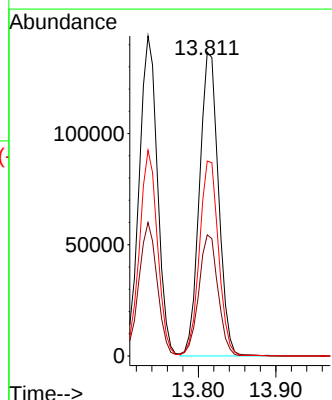
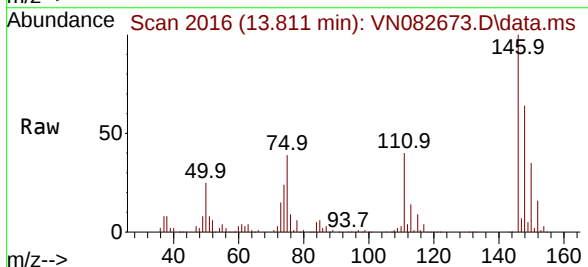
Tgt Ion:146 Resp: 233186

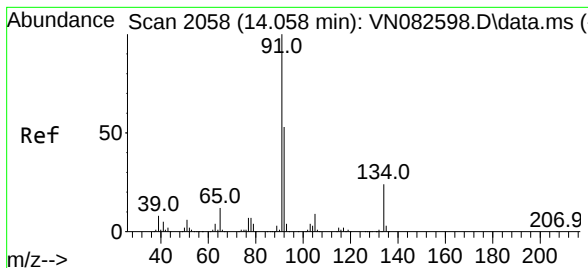
Ion Ratio Lower Upper

146 100

111 39.6 20.1 60.3

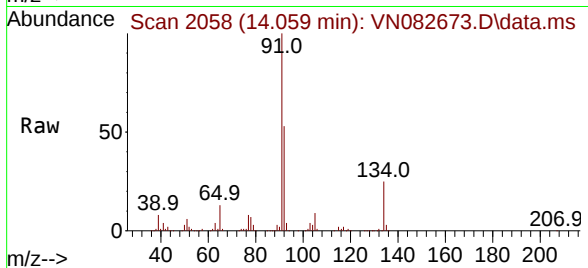
148 64.5 32.2 96.6





#89
n-Butylbenzene
Concen: 52.773 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

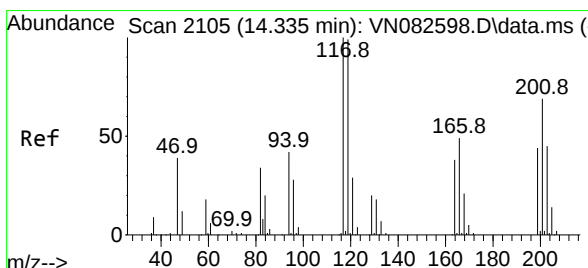
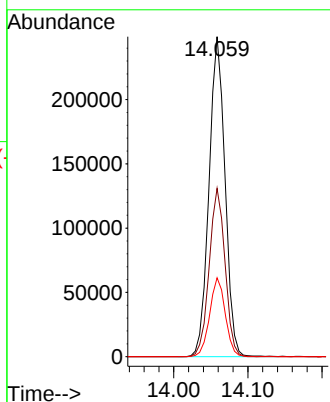
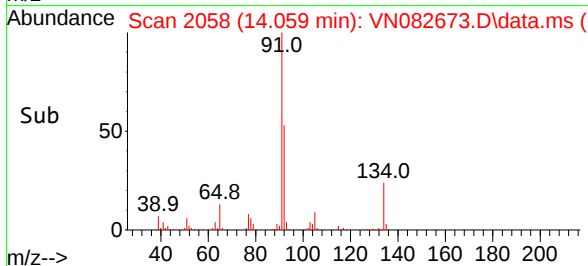
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 373364
Ion Ratio Lower Upper
91 100
92 52.0 26.1 78.3
134 24.0 12.1 36.3

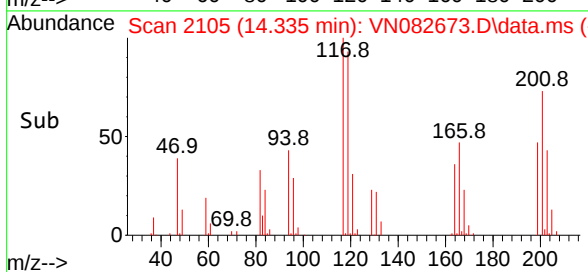
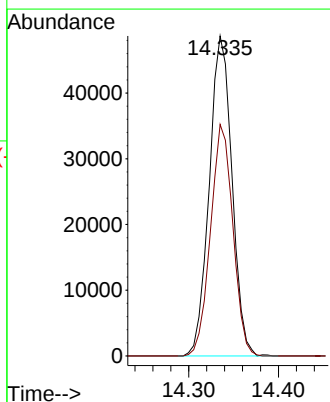
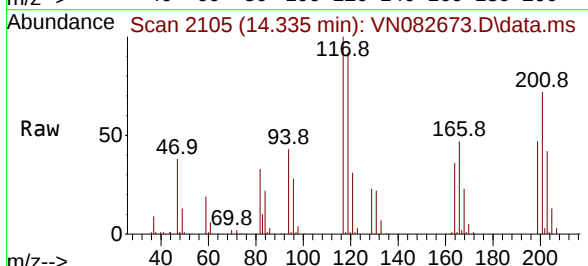
Manual Integrations
APPROVED

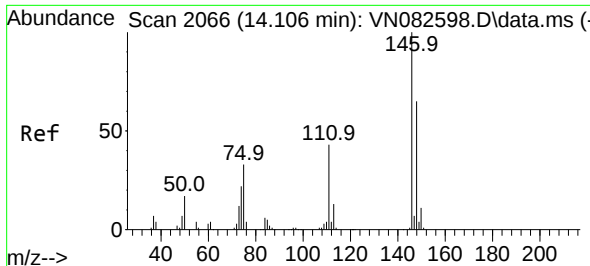
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#90
Hexachloroethane
Concen: 49.251 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

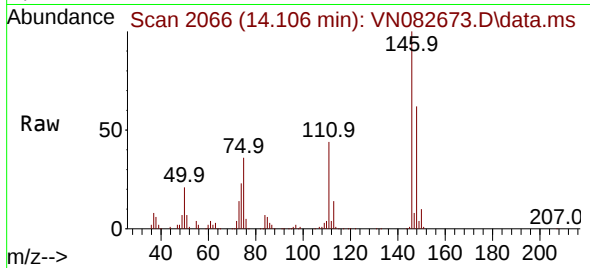
Tgt Ion:117 Resp: 85470
Ion Ratio Lower Upper
117 100
201 71.3 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 49.048 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

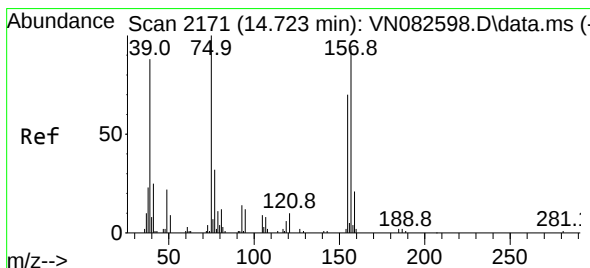
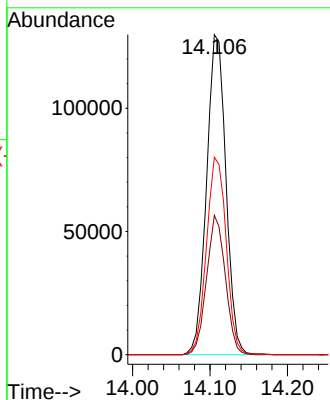
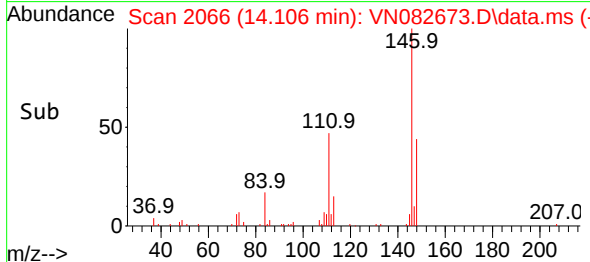
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



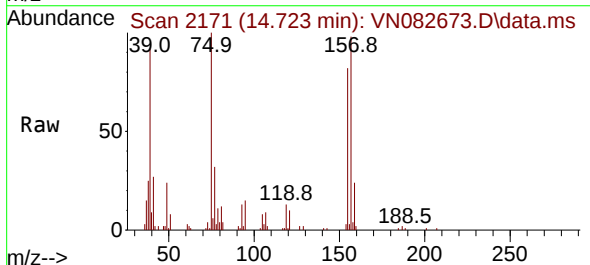
Tgt Ion:146 Resp: 225492
Ion Ratio Lower Upper
146 100
111 42.2 21.4 64.2
148 62.9 32.1 96.5

Manual Integrations
APPROVED

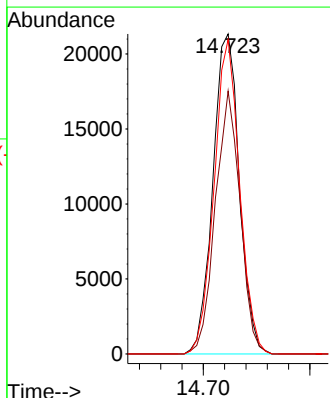
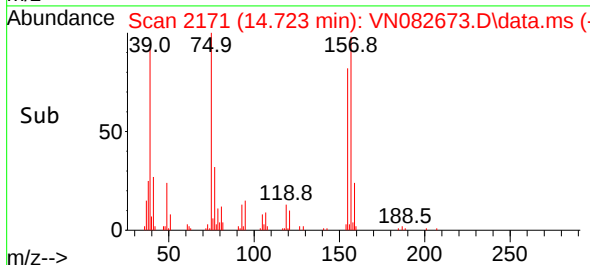
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

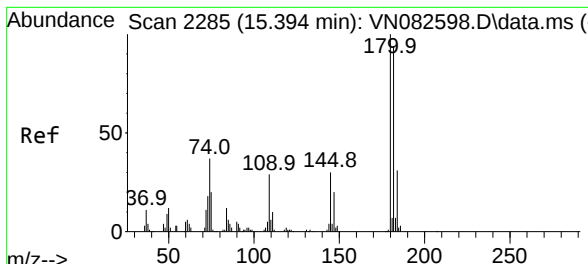


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.615 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14



Tgt Ion: 75 Resp: 36644
Ion Ratio Lower Upper
75 100
155 77.4 36.6 109.8
157 95.3 46.9 140.6





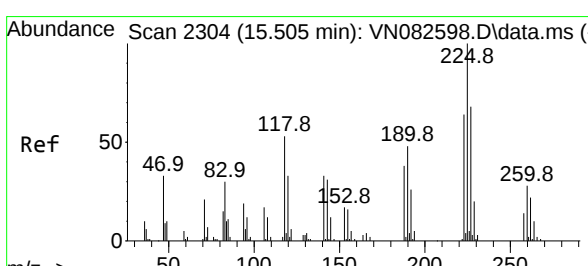
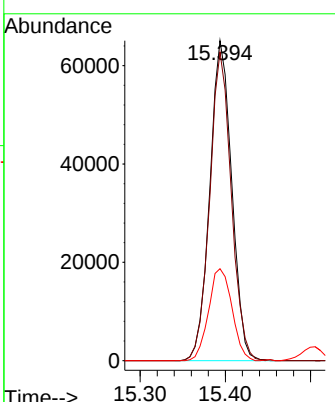
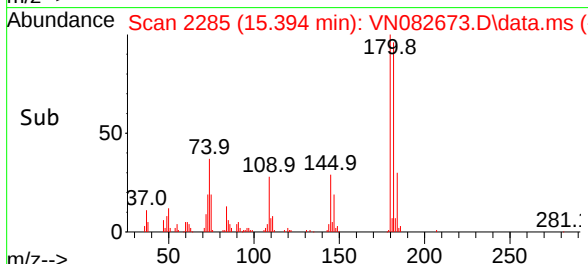
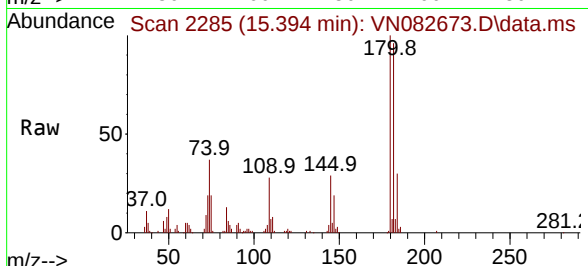
#93
 1,2,4-Trichlorobenzene
 Concen: 47.933 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082673.D
 Acq: 20 Jun 2024 17:14

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

Tgt Ion:180 Resp: 11620

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	141.8
145	30.7	15.7	47.1

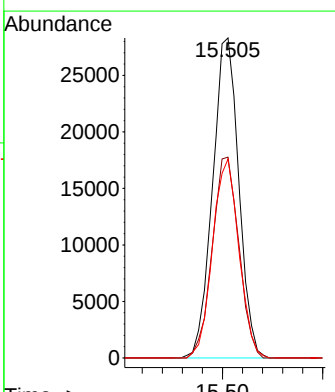
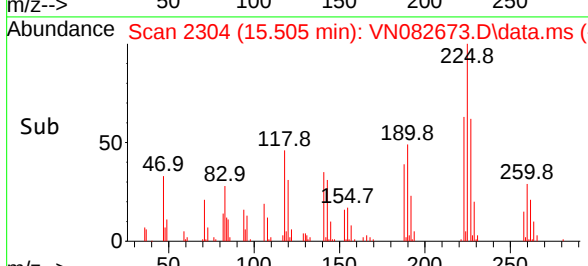
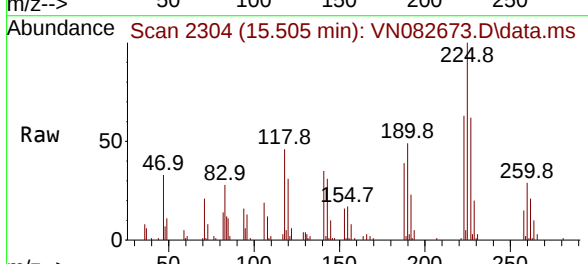
Manual Integrations
APPROVED
 Reviewed By :John Carlone 06/21/2024
 Supervised By :Mahesh Dadoda 06/21/2024

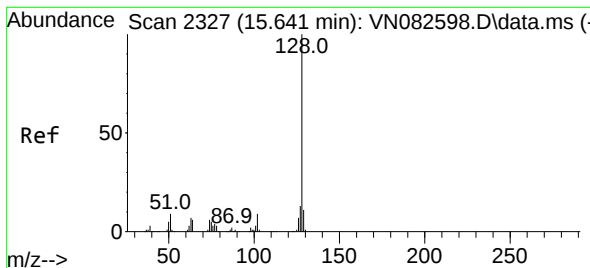


#94
 Hexachlorobutadiene
 Concen: 42.926 ug/l
 RT: 15.505 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN082673.D
 Acq: 20 Jun 2024 17:14

Tgt Ion:225 Resp: 51309

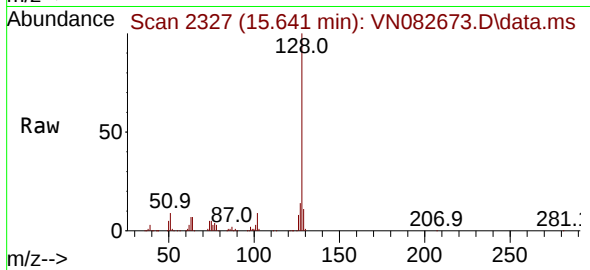
Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.9	95.7
227	62.4	32.5	97.5





#95
Naphthalene
Concen: 54.569 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14

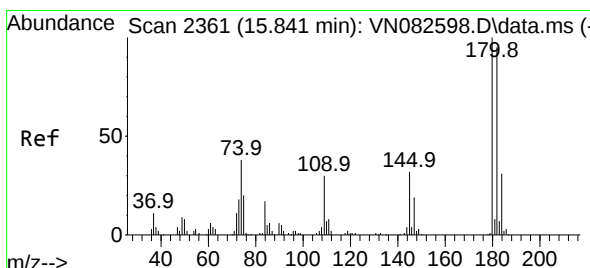
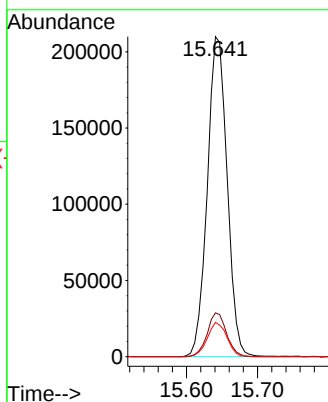
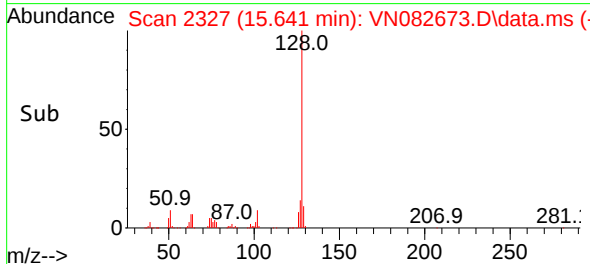
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



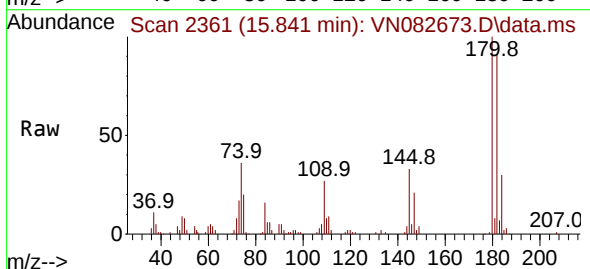
Tgt Ion:128 Resp: 406984
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#96
1,2,3-Trichlorobenzene
Concen: 48.554 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN082673.D
Acq: 20 Jun 2024 17:14



Tgt Ion:180 Resp: 119954
Ion Ratio Lower Upper
180 100
182 94.6 48.9 146.8
145 32.8 16.8 50.4

