

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062124\
 Data File : VN082675.D
 Acq On : 21 Jun 2024 13:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/24/2024
 Supervised By : Mahesh Dadoda 06/24/2024

Quant Time: Jun 24 02:19:49 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	172528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	286421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	274100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	147460	53.298	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.600%			
35) Dibromofluoromethane	8.171	113	101655	52.317	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.640%			
50) Toluene-d8	10.571	98	384078	52.270	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.540%			
62) 4-Bromofluorobenzene	12.853	95	133990	52.891	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	110628	45.912	ug/l	97
3) Chloromethane	2.359	50	137859	47.727	ug/l	97
4) Vinyl Chloride	2.512	62	135136	49.160	ug/l	99
5) Bromomethane	2.936	94	78309	44.254	ug/l	91
6) Chloroethane	3.106	64	101882	51.976	ug/l	97
7) Trichlorofluoromethane	3.489	101	165822	46.237	ug/l	97
8) Diethyl Ether	3.959	74	58642	48.014	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	94618	47.102	ug/l	100
10) Methyl Iodide	4.589	142	81168	42.419	ug/l	94
11) Tert butyl alcohol	5.524	59	114479	252.816	ug/l	99
12) 1,1-Dichloroethene	4.336	96	89997	46.850	ug/l	97
13) Acrolein	4.183	56	96792	209.837	ug/l	99
14) Allyl chloride	5.018	41	189457	50.429	ug/l	90
15) Acrylonitrile	5.718	53	323031	270.260	ug/l	100
16) Acetone	4.430	43	288588	229.353	ug/l	95
17) Carbon Disulfide	4.706	76	260029	42.624	ug/l	100
18) Methyl Acetate	5.024	43	168310	54.691	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	351588	53.470	ug/l	98
20) Methylene Chloride	5.277	84	113361	51.244	ug/l	99
21) trans-1,2-Dichloroethene	5.789	96	99420	48.698	ug/l	95
22) Diisopropyl ether	6.677	45	422444	53.617	ug/l	97
23) Vinyl Acetate	6.606	43	1683929	269.520	ug/l	100
24) 1,1-Dichloroethane	6.571	63	218422	51.176	ug/l	99
25) 2-Butanone	7.489	43	468301	261.844	ug/l	99
26) 2,2-Dichloropropane	7.489	77	142875	38.589	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	122436	49.773	ug/l	97
28) Bromochloromethane	7.818	49	100613	51.655	ug/l	98
29) Tetrahydrofuran	7.841	42	312404	285.336	ug/l	99
30) Chloroform	7.971	83	220531	52.969	ug/l	98
31) Cyclohexane	8.259	56	168441	42.185	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	187993	49.794	ug/l	99
36) 1,1-Dichloropropene	8.377	75	145264	50.011	ug/l	99
37) Ethyl Acetate	7.565	43	192982	52.158	ug/l	99
38) Carbon Tetrachloride	8.365	117	161511	49.340	ug/l	99
39) Methylcyclohexane	9.606	83	141741	46.369	ug/l	95
40) Benzene	8.612	78	462463	51.527	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	106995	56.572	ug/l	98
42) 1,2-Dichloroethane	8.671	62	185208	54.251	ug/l	100
43) Isopropyl Acetate	8.694	43	325856	47.125	ug/l	99
44) Trichloroethene	9.353	130	100827	48.380	ug/l	96
45) 1,2-Dichloropropane	9.624	63	122739	53.130	ug/l	99
46) Dibromomethane	9.712	93	84106	53.708	ug/l	99
47) Bromodichloromethane	9.888	83	179770	53.845	ug/l	99
48) Methyl methacrylate	9.688	41	156591	54.934	ug/l	99
49) 1,4-Dioxane	9.694	88	53423	1198.169	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	1039067	292.974	ug/l	100
52) Toluene	10.630	92	287124	52.789	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	178649	52.343	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	185336	52.512	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	112377	57.083	ug/l	95
56) Ethyl methacrylate	10.877	69	189752	58.196	ug/l	100
57) 1,3-Dichloropropane	11.165	76	198970	54.671	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	494798	286.865	ug/l	99
59) 2-Hexanone	11.200	43	781032	289.744	ug/l	100
60) Dibromochloromethane	11.359	129	135949	56.571	ug/l	99
61) 1,2-Dibromoethane	11.471	107	114080	54.961	ug/l	99
64) Tetrachloroethene	11.106	164	101296	44.821	ug/l	99
65) Chlorobenzene	11.894	112	308057	49.010	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	115631	51.591	ug/l	100
67) Ethyl Benzene	11.965	91	542181	50.623	ug/l	98
68) m/p-Xylenes	12.071	106	418961	105.149	ug/l	99
69) o-Xylene	12.400	106	197985	52.888	ug/l	99
70) Styrene	12.412	104	355521	55.956	ug/l	100
71) Bromoform	12.582	173	95519	53.904	ug/l #	99
73) Isopropylbenzene	12.700	105	497454	47.250	ug/l	100
74) N-amyl acetate	12.494	43	288137	51.281	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	171039	49.805	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	165652m	48.849	ug/l	
77) Bromobenzene	12.982	156	130311	48.086	ug/l	98
78) n-propylbenzene	13.035	91	611509	49.104	ug/l	100
79) 2-Chlorotoluene	13.129	91	377043	48.279	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	432647	50.638	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	61587m	43.450	ug/l	
82) 4-Chlorotoluene	13.223	91	381552	48.907	ug/l	100
83) tert-Butylbenzene	13.441	119	354242	48.675	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	440820	51.433	ug/l	99
85) sec-Butylbenzene	13.618	105	503025	48.667	ug/l	99
86) p-Isopropyltoluene	13.729	119	422138	50.718	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	240924	49.033	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	241400	47.003	ug/l	99
89) n-Butylbenzene	14.059	91	359970	48.756	ug/l	100
90) Hexachloroethane	14.335	117	86218	47.609	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	234931	48.968	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37384	51.437	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	116495	46.049	ug/l	99
94) Hexachlorobutadiene	15.500	225	48707	39.048	ug/l	99
95) Naphthalene	15.641	128	405144	52.054	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	122091	47.356	ug/l	98

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

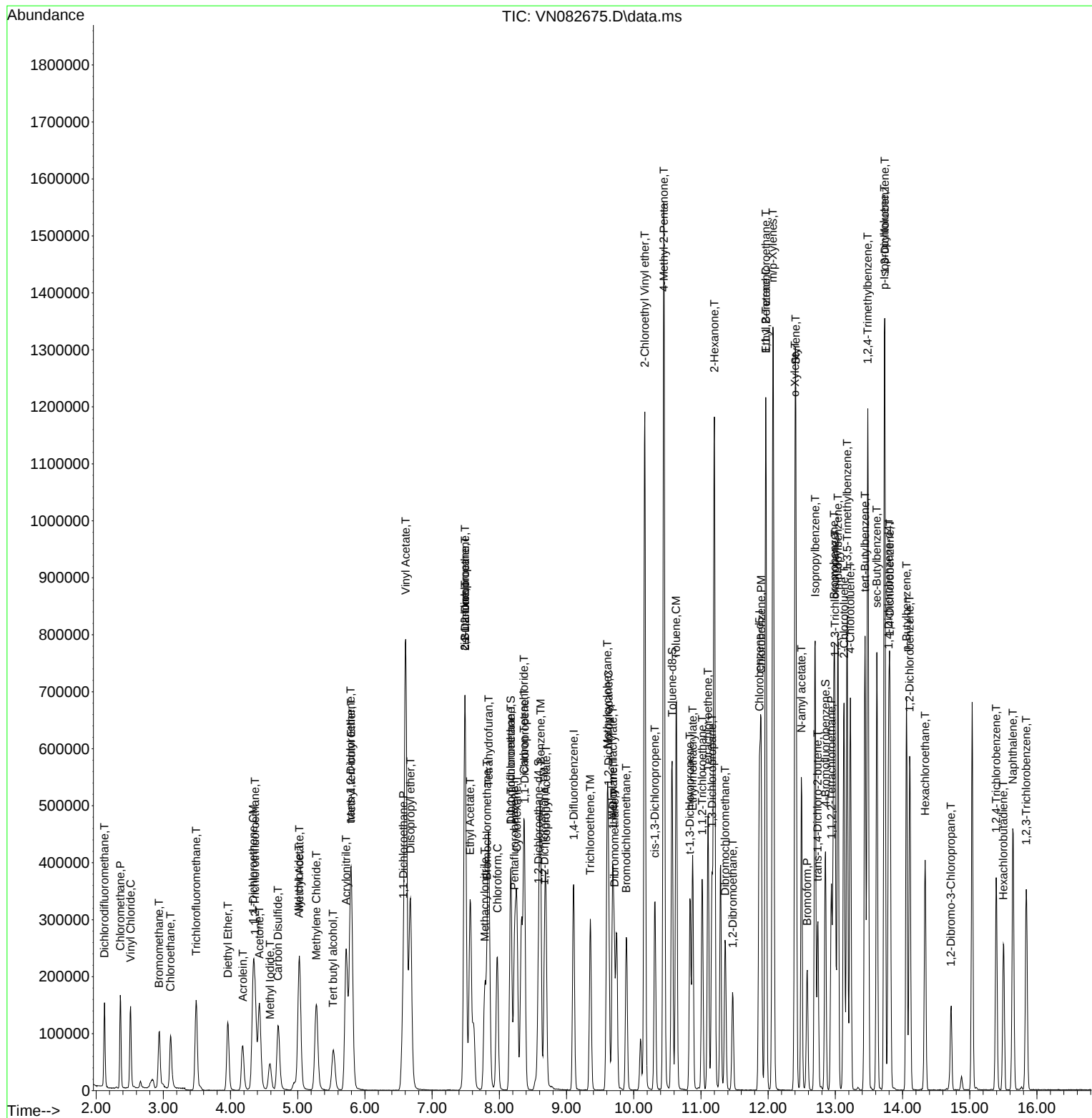
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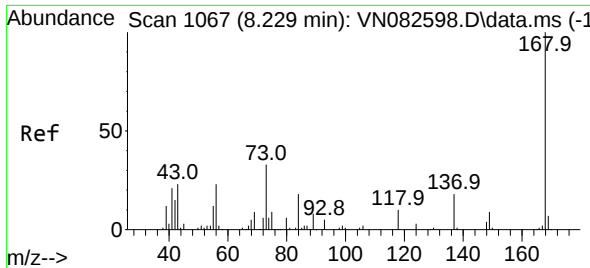
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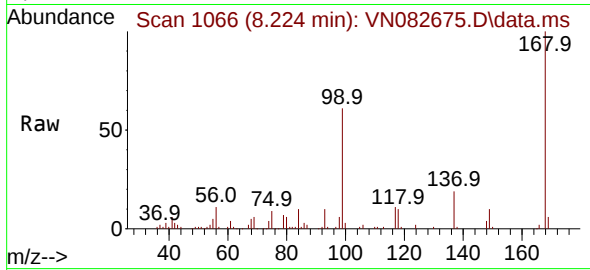
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN082675.D
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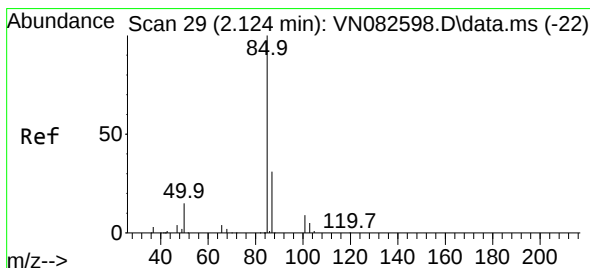
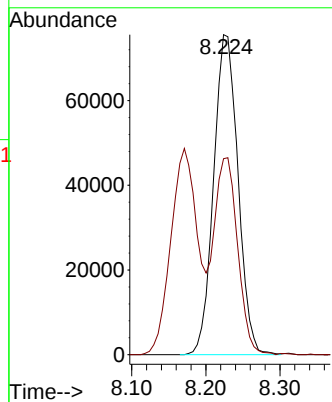
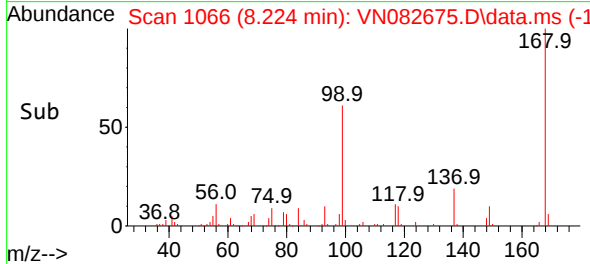
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion:168 Resp: 172528
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4

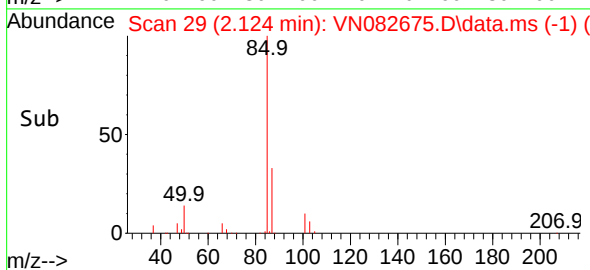
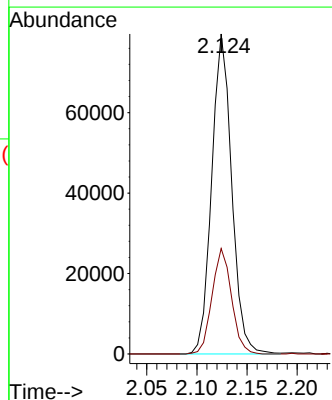
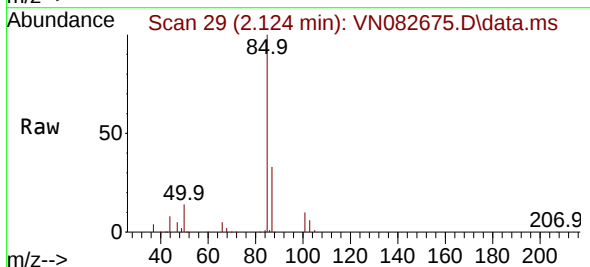
Manual Integrations
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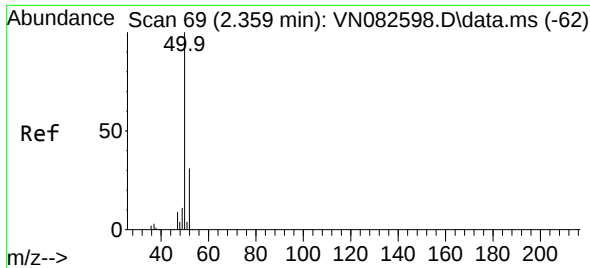
Reviewed By :John Carlone 06/24/2024
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#2
Dichlorodifluoromethane
Concen: 45.912 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

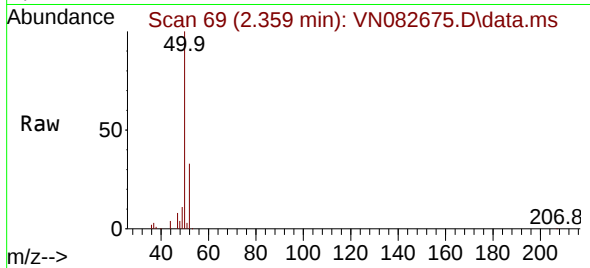
Tgt Ion: 85 Resp: 110628
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0





#3
Chloromethane
Concen: 47.727 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

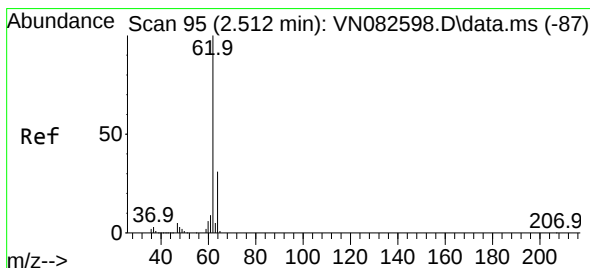
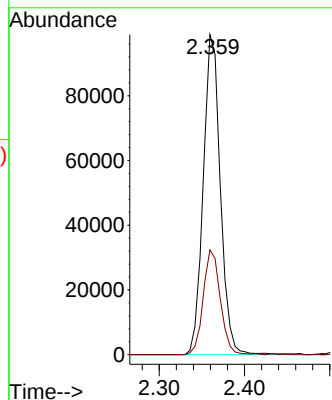
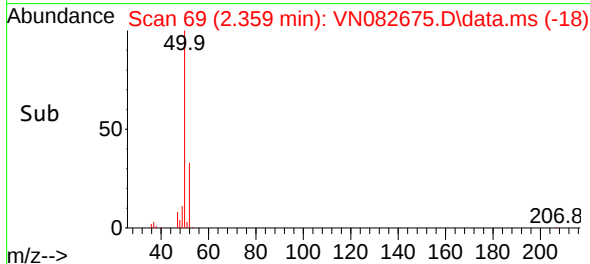
Instrument :
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Tgt Ion: 50 Resp: 137859
Ion Ratio Lower Upper
50 100
52 32.8 25.0 37.4

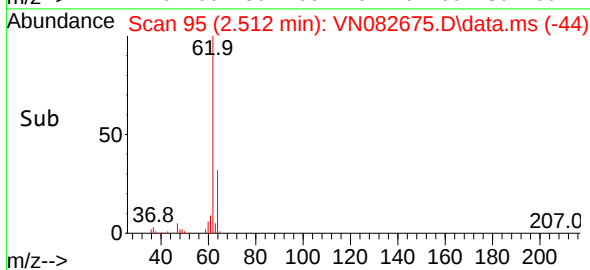
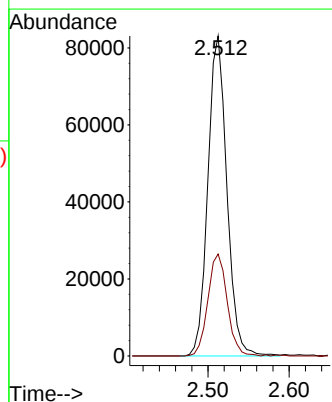
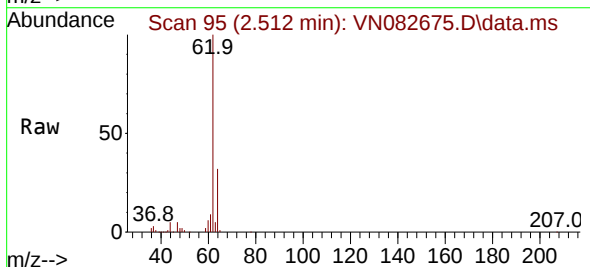
Manual Integrations
APPROVED

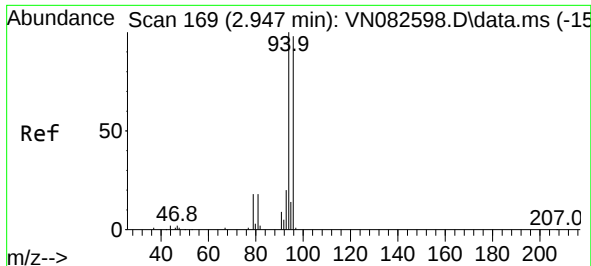
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#4
Vinyl Chloride
Concen: 49.160 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

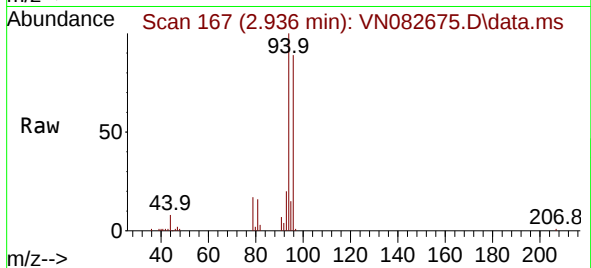
Tgt Ion: 62 Resp: 135136
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.6





#5
Bromomethane
Concen: 44.254 ug/l
RT: 2.936 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

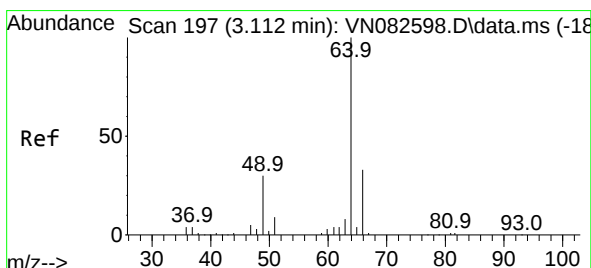
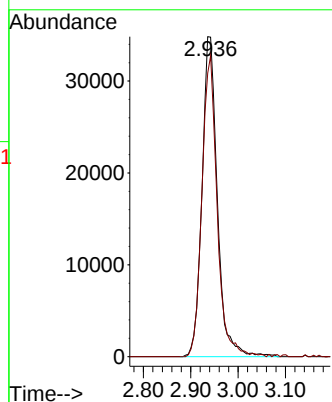
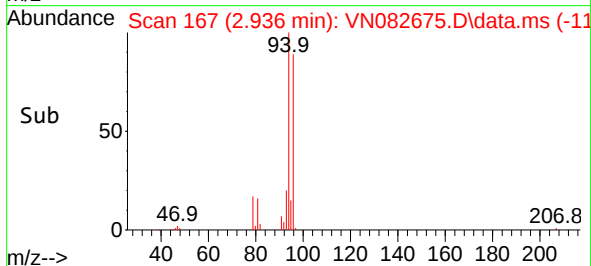
Instrument :
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Tgt Ion: 94 Resp: 78309
Ion Ratio Lower Upper
94 100
96 88.6 78.0 117.0

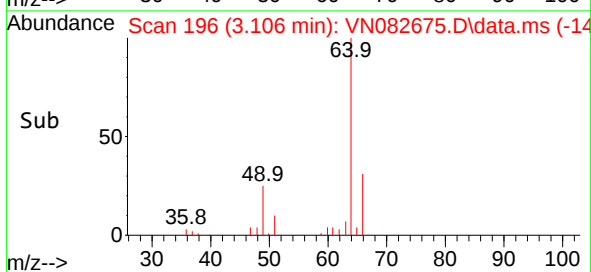
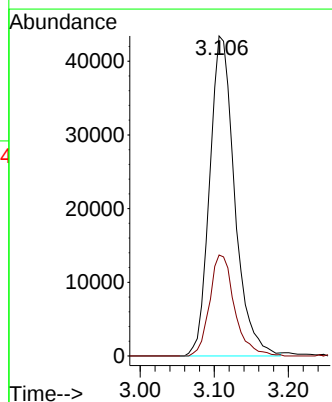
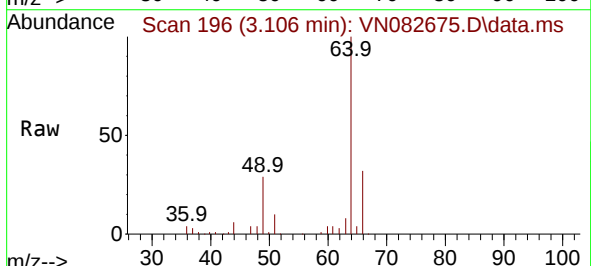
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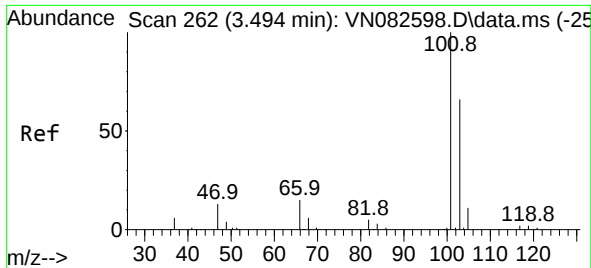
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#6
Chloroethane
Concen: 51.976 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

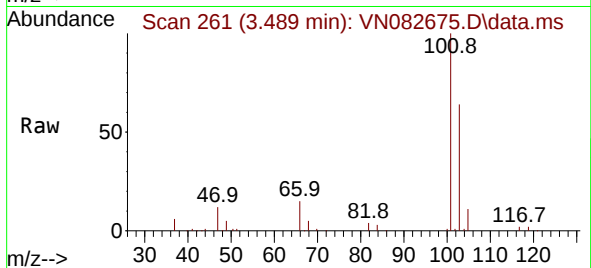
Tgt Ion: 64 Resp: 101882
Ion Ratio Lower Upper
64 100
66 31.6 26.6 40.0





#7
Trichlorofluoromethane
Concen: 46.237 ug/l
RT: 3.489 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

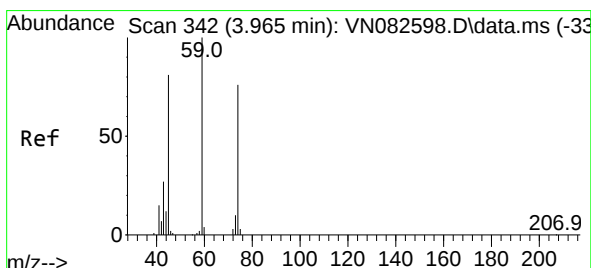
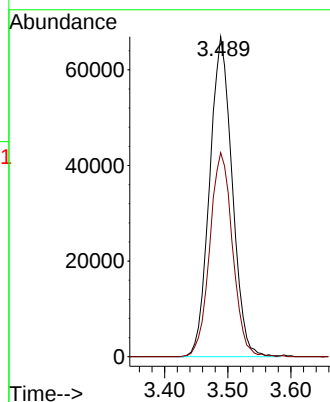
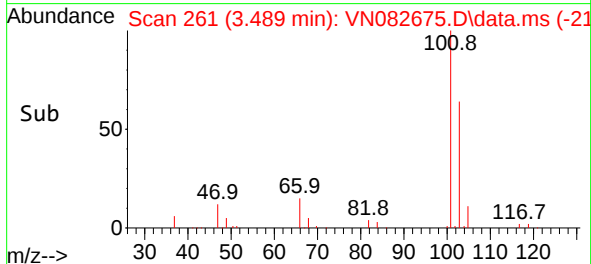
Instrument :
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Tgt Ion:101 Resp: 16582
Ion Ratio Lower Upper
101 100
103 63.7 52.7 79.1

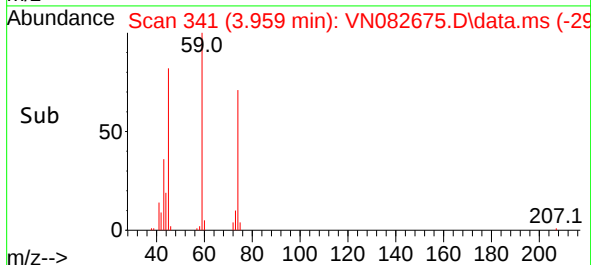
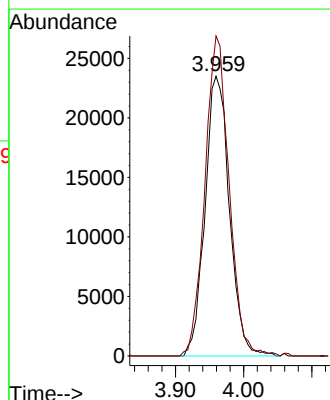
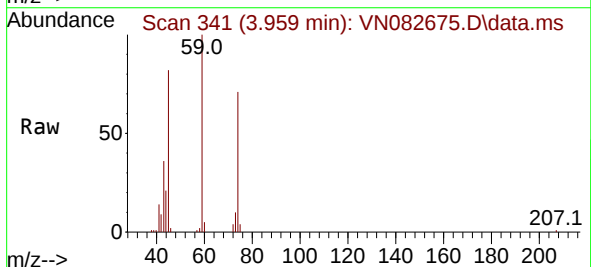
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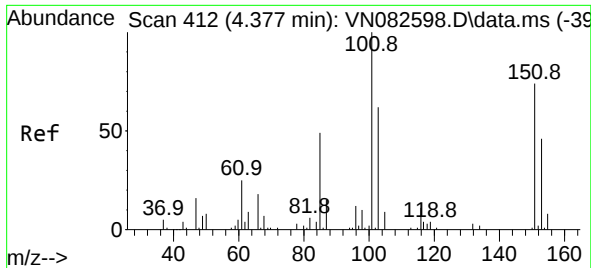
Reviewed By :John Carlone 06/24/2024
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#8
Diethyl Ether
Concen: 48.014 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Tgt Ion: 74 Resp: 58642
Ion Ratio Lower Upper
74 100
45 113.0 55.5 166.3





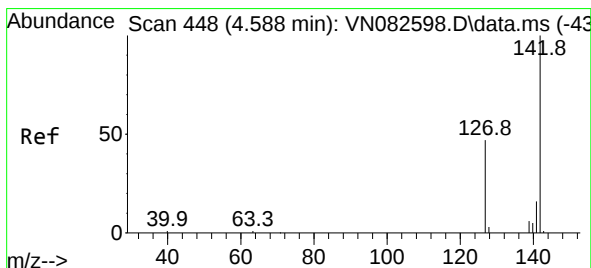
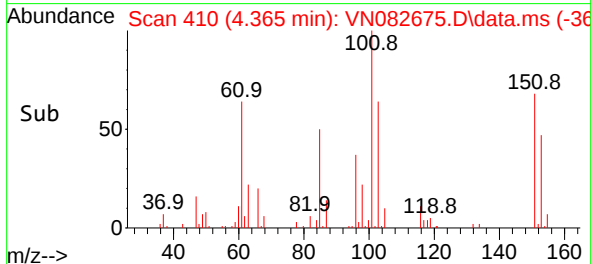
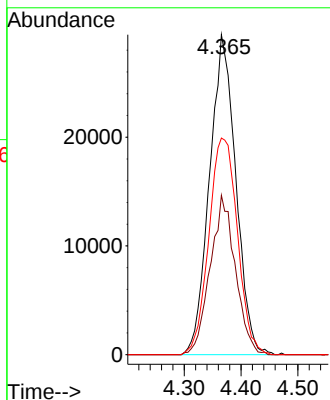
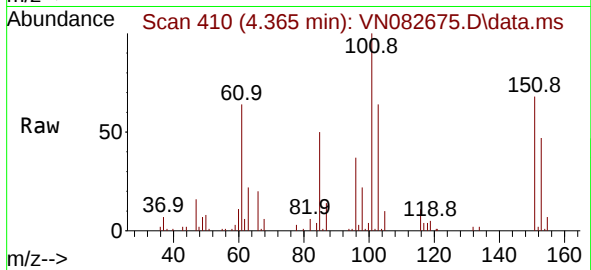
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.102 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 94618
Ion Ratio Lower Upper
101 100
85 47.7 38.3 57.5
151 73.6 59.3 88.9

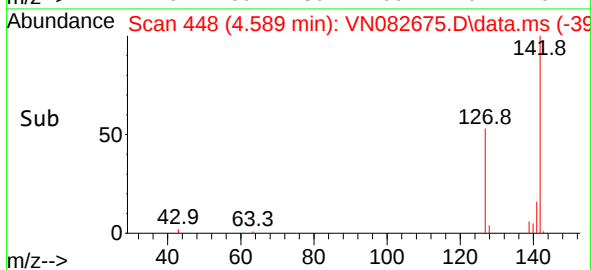
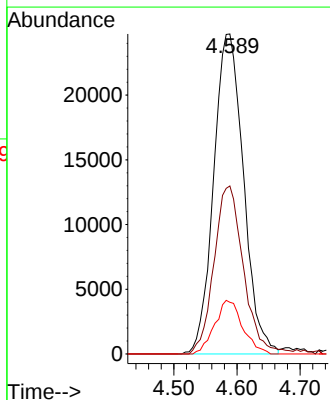
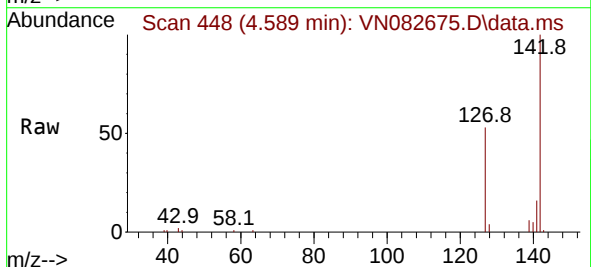
Manual Integrations
APPROVED

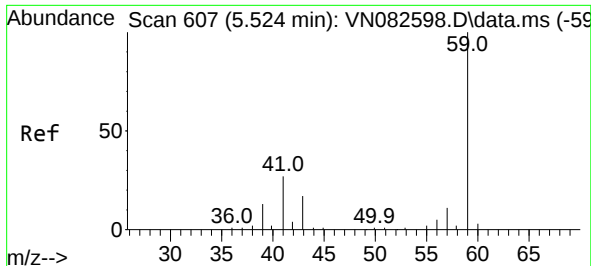
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#10
Methyl Iodide
Concen: 42.419 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

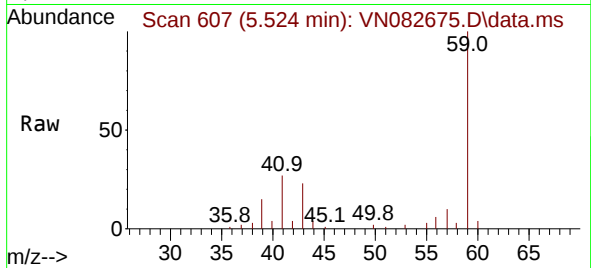
Tgt Ion:142 Resp: 81168
Ion Ratio Lower Upper
142 100
127 52.5 37.5 56.3
141 16.2 13.1 19.7





#11
Tert butyl alcohol
Concen: 252.816 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

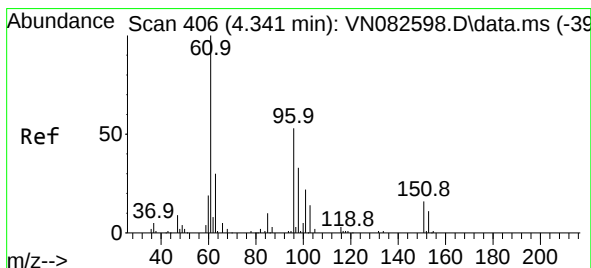
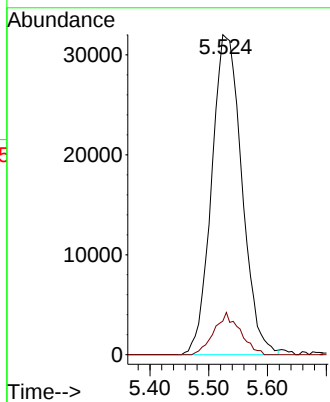
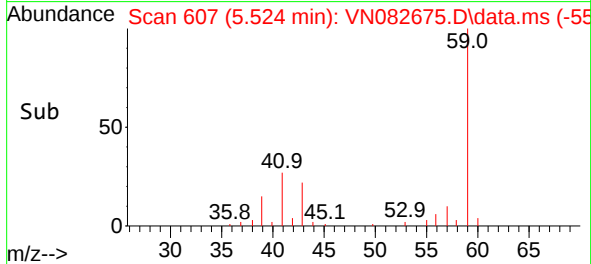
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



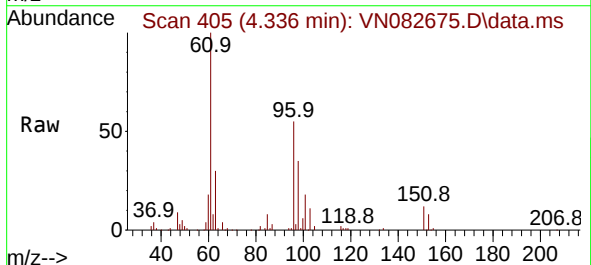
Tgt Ion: 59 Resp: 114479
Ion Ratio Lower Upper
59 100
57 11.3 8.9 13.3

Manual Integrations
APPROVED

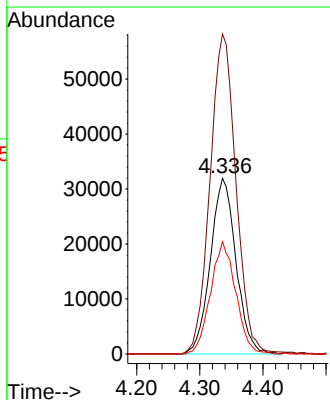
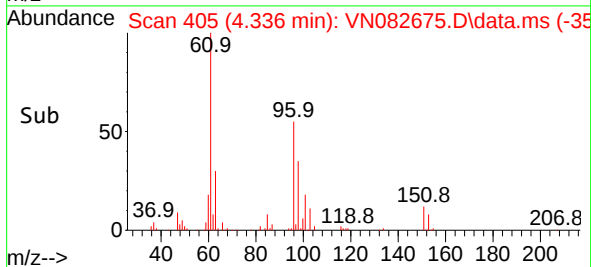
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#12
1,1-Dichloroethene
Concen: 46.850 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44



Tgt Ion: 96 Resp: 89997
Ion Ratio Lower Upper
96 100
61 182.1 149.7 224.5
98 63.9 50.1 75.1





#13

Acrolein

Concen: 209.837 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 96792

Ion Ratio Lower Upper

56 100

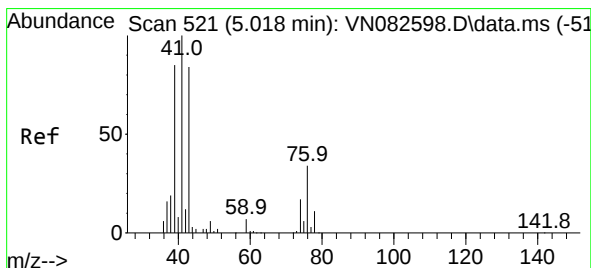
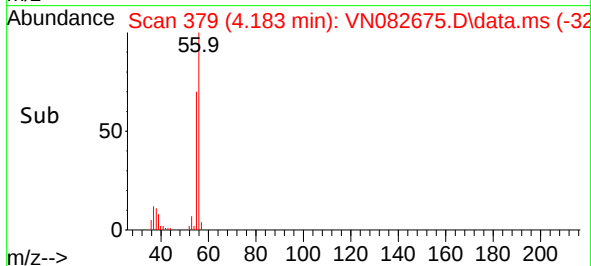
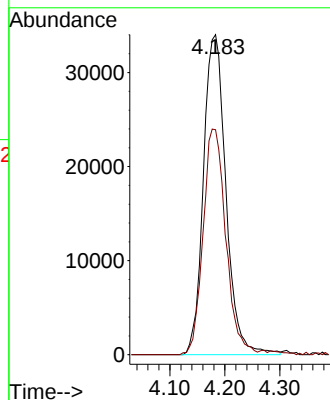
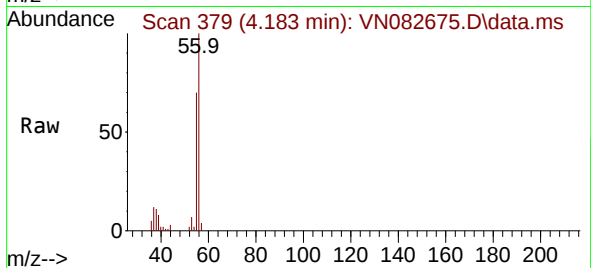
55 71.1 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#14

Allyl chloride

Concen: 50.429 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

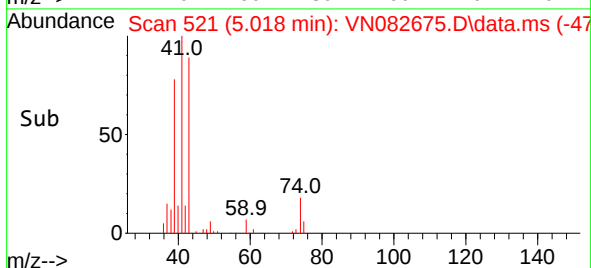
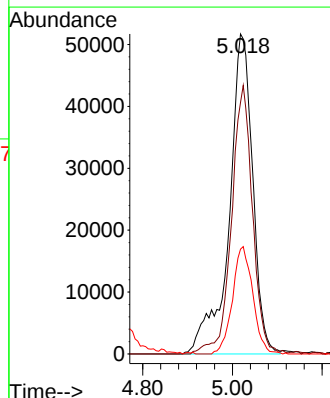
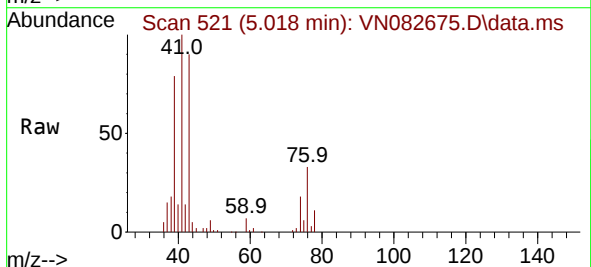
Tgt Ion: 41 Resp: 189457

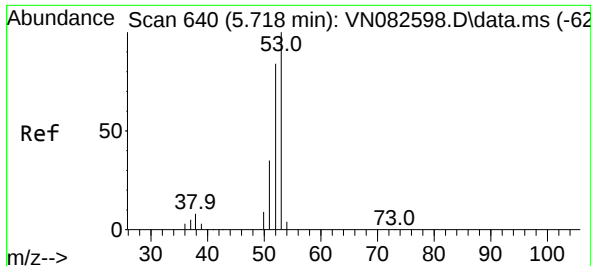
Ion Ratio Lower Upper

41 100

39 74.5 67.8 101.6

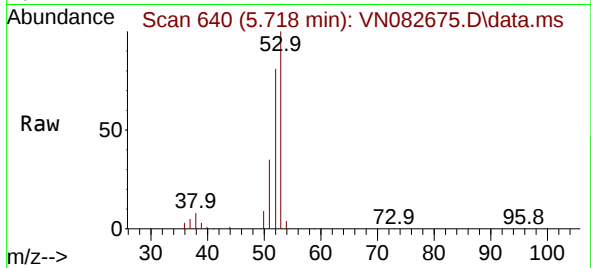
76 28.9 25.8 38.8





#15
Acrylonitrile
Concen: 270.260 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

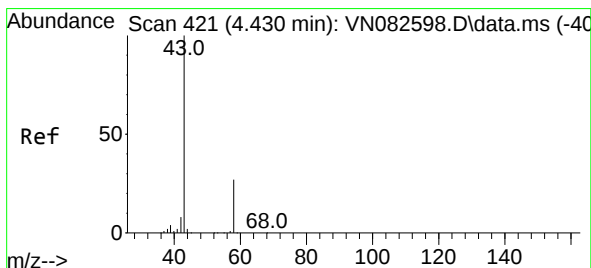
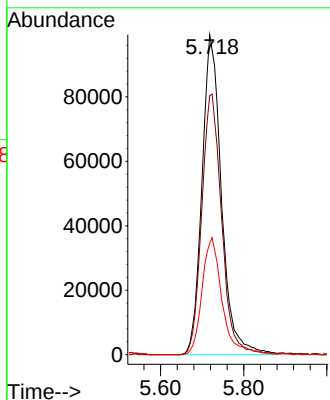
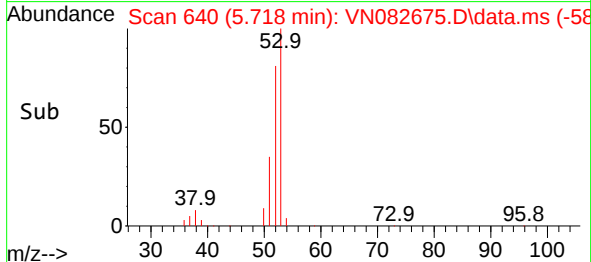
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 32303
Ion Ratio Lower Upper
53 100
52 83.1 66.6 100.0
51 37.6 30.1 45.1

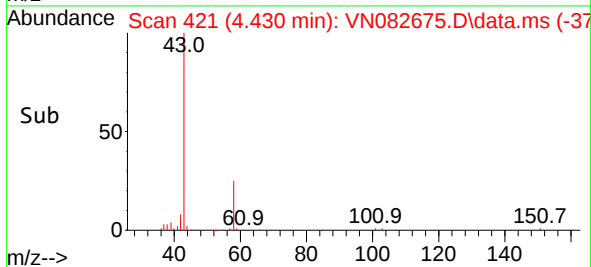
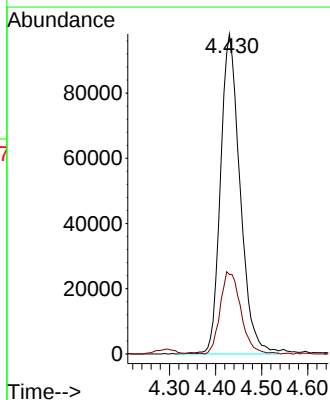
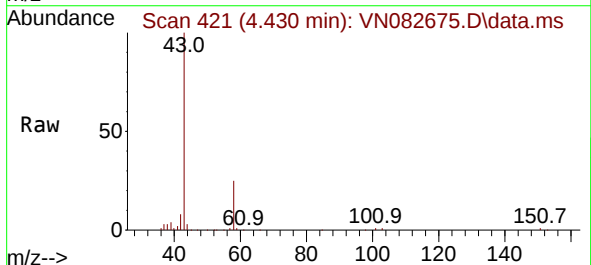
Manual Integrations
APPROVED

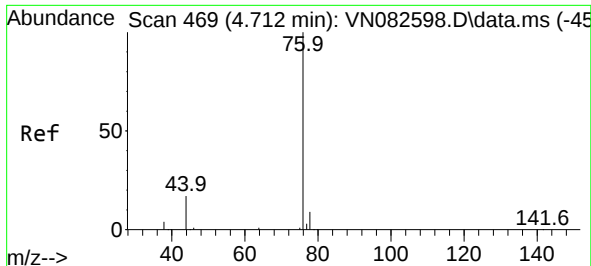
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#16
Acetone
Concen: 229.353 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Tgt Ion: 43 Resp: 288588
Ion Ratio Lower Upper
43 100
58 24.6 21.8 32.6





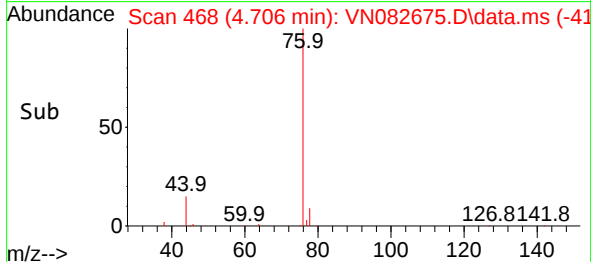
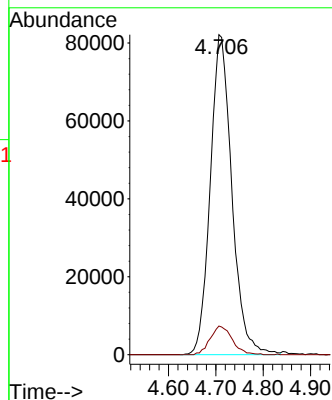
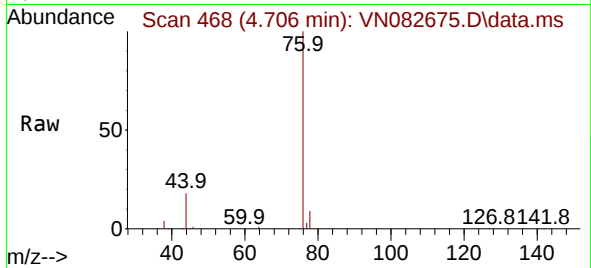
#17
Carbon Disulfide
Concen: 42.624 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 260029
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

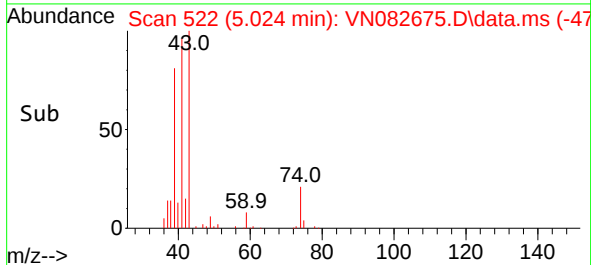
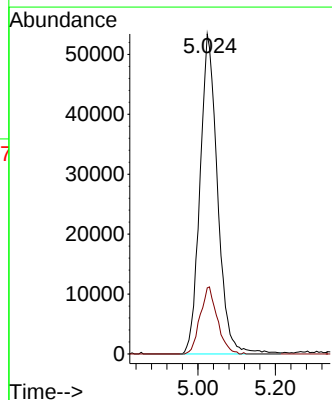
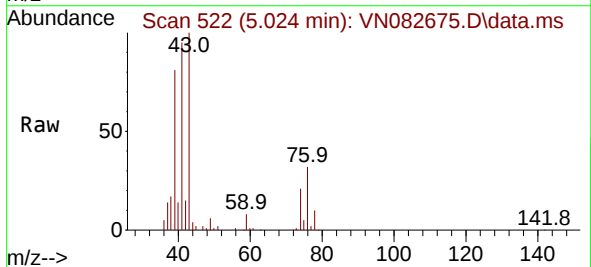
Manual Integrations
APPROVED

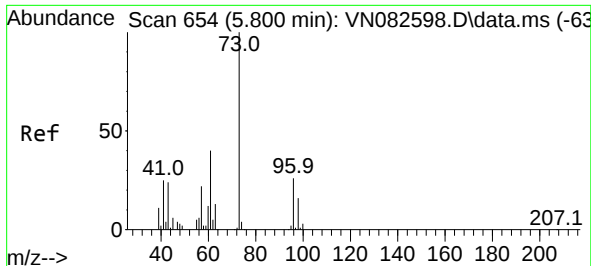
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#18
Methyl Acetate
Concen: 54.691 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Tgt Ion: 43 Resp: 168310
Ion Ratio Lower Upper
43 100
74 20.4 16.3 24.5





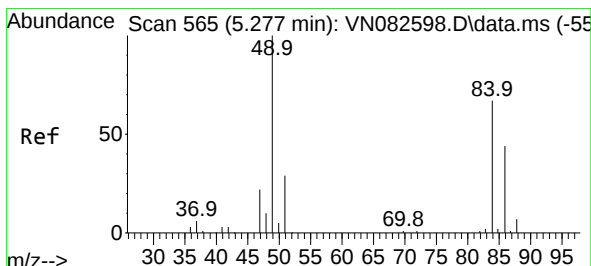
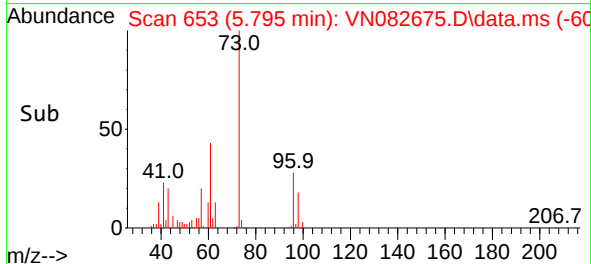
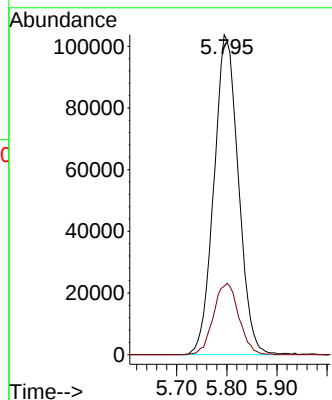
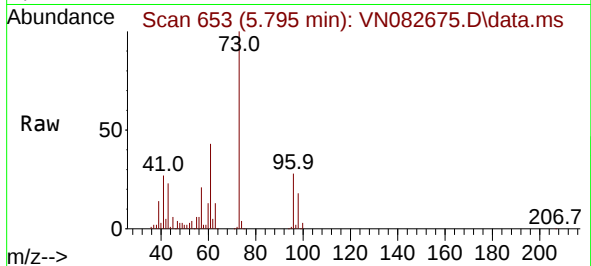
#19
Methyl tert-butyl Ether
Concen: 53.470 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 35158
Ion Ratio Lower Upper
73 100
57 21.4 17.9 26.9

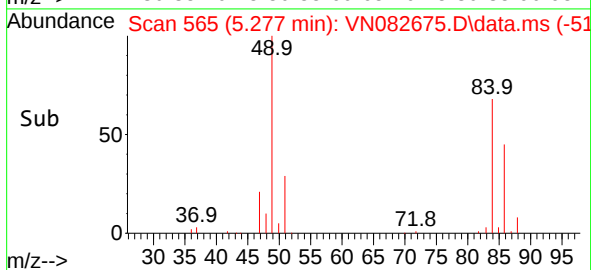
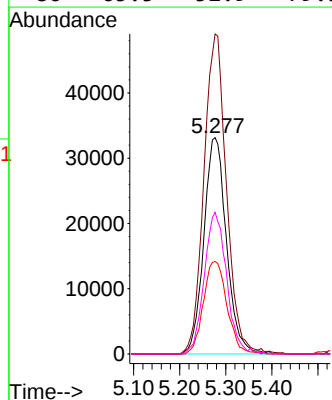
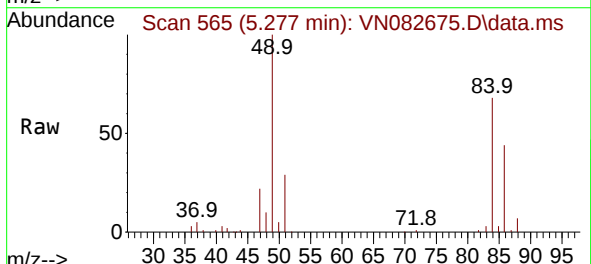
Manual Integrations
APPROVED

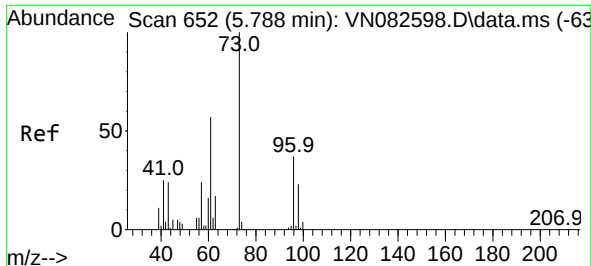
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#20
Methylene Chloride
Concen: 51.244 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

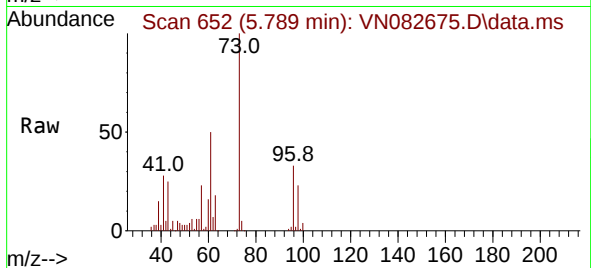
Tgt Ion: 84 Resp: 113361
Ion Ratio Lower Upper
84 100
49 147.9 119.6 179.4
51 42.7 34.8 52.2
86 65.5 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 48.698 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

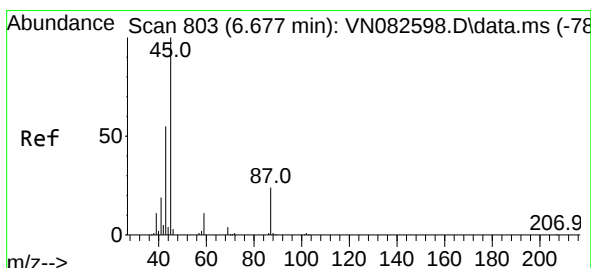
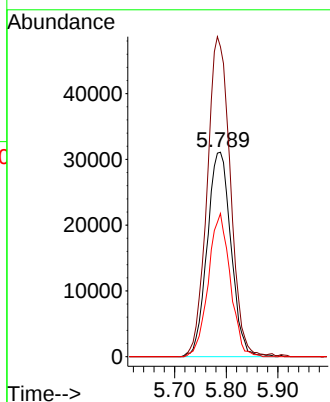
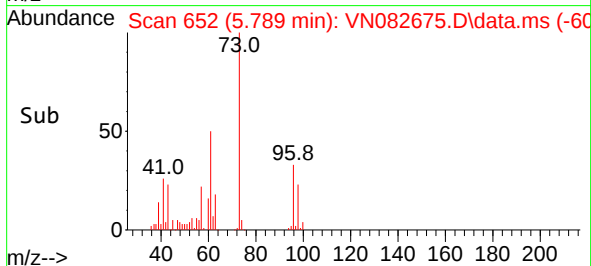
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



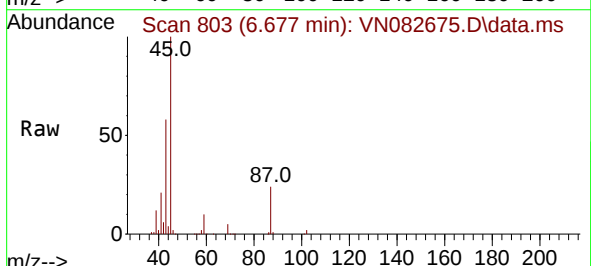
Tgt Ion: 96 Resp: 99420
Ion Ratio Lower Upper
96 100
61 151.6 123.4 185.2
98 70.0 49.3 73.9

Manual Integrations
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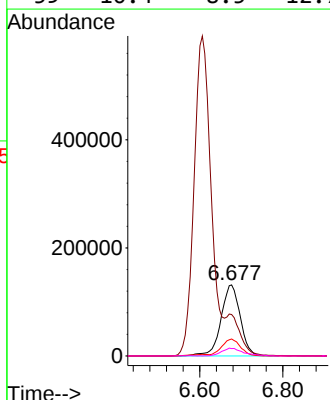
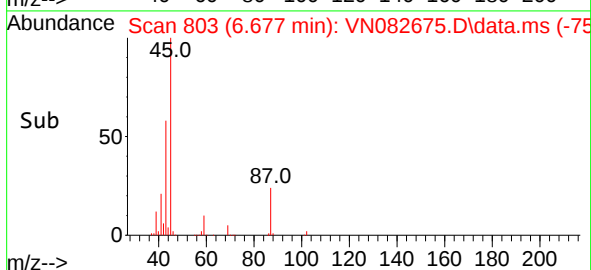
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#22
Diisopropyl ether
Concen: 53.617 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44



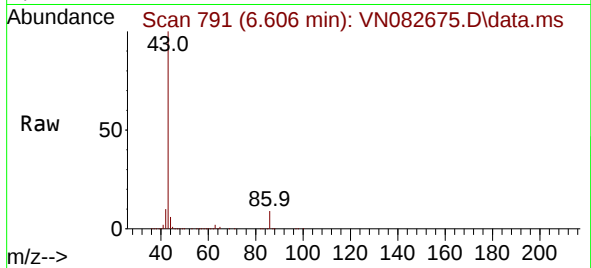
Tgt Ion: 45 Resp: 422444
Ion Ratio Lower Upper
45 100
43 57.9 44.0 66.0
87 23.8 19.7 29.5
59 10.4 8.5 12.7





#23
 Vinyl Acetate
 Concen: 269.520 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082675.D
 Acq: 21 Jun 2024 13:44

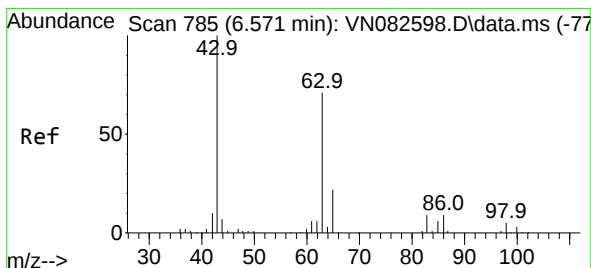
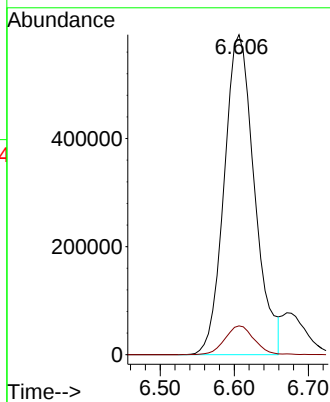
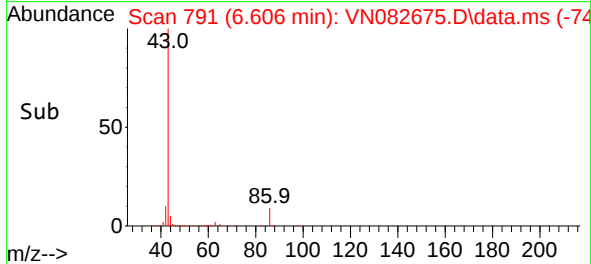
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDCCC050



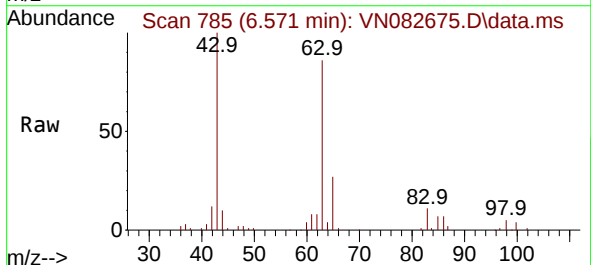
Tgt Ion: 43 Resp: 1683929
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.3 10.9

Manual Integrations
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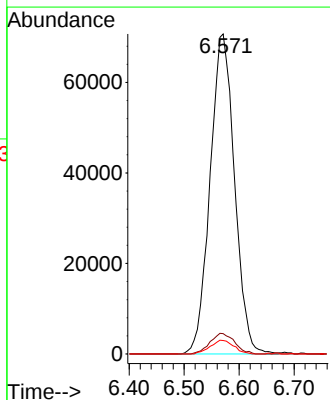
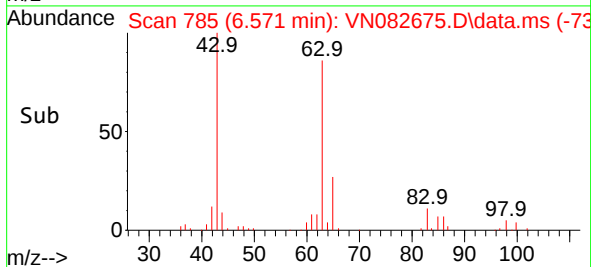
Reviewed By :John Carlone 06/24/2024
 Supervised By :Mahesh Dadoda 06/24/2024

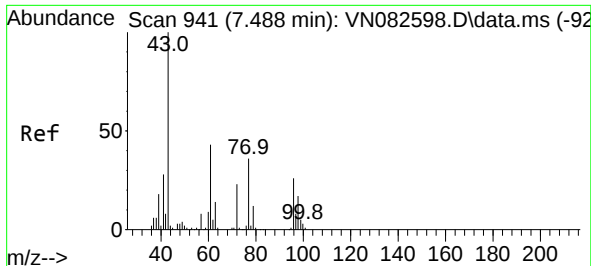


#24
 1,1-Dichloroethane
 Concen: 51.176 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082675.D
 Acq: 21 Jun 2024 13:44



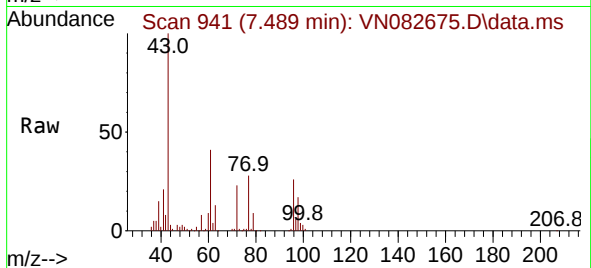
Tgt Ion: 63 Resp: 218422
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.9
 100 4.2 2.0 6.0





#25
2-Butanone
Concen: 261.844 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

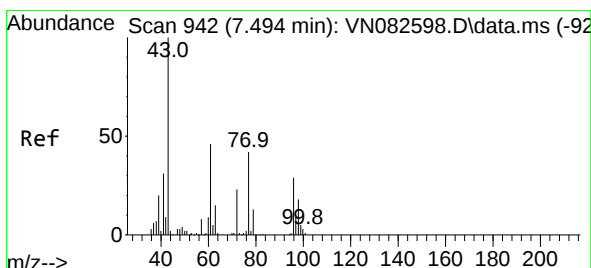
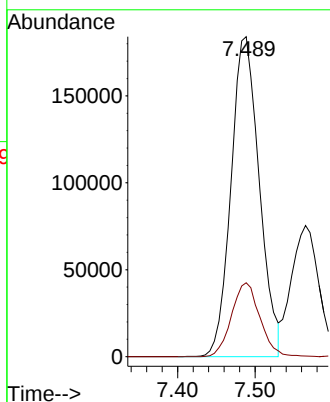
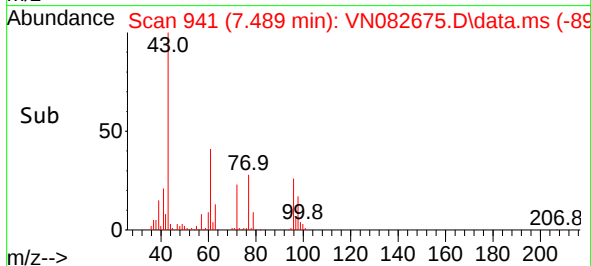
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 46830
Ion Ratio Lower Upper
43 100
72 23.1 18.2 27.2

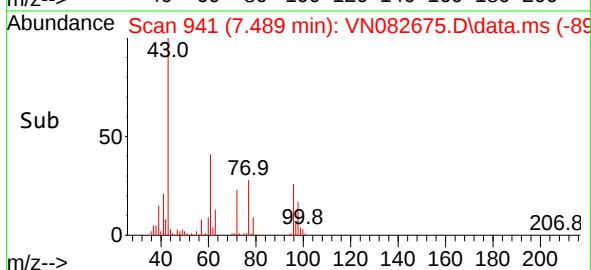
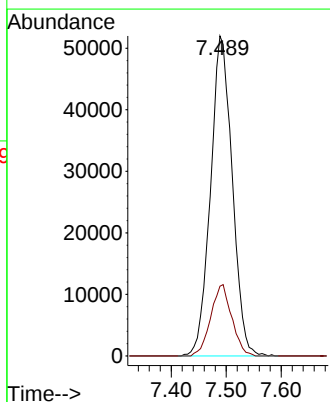
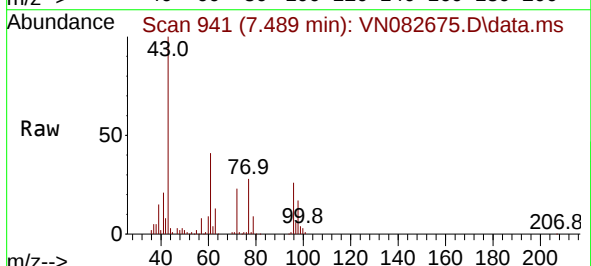
Manual Integrations
APPROVED

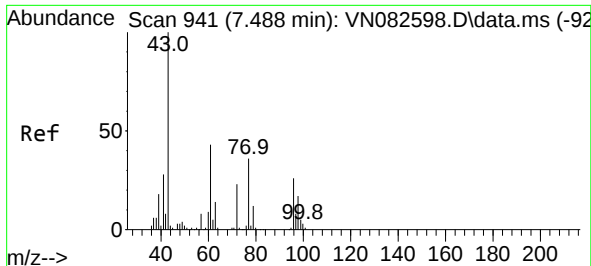
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#26
2,2-Dichloropropane
Concen: 38.589 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

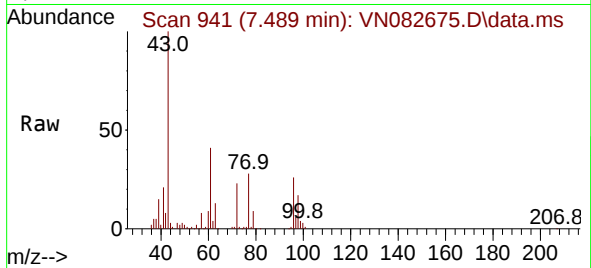
Tgt Ion: 77 Resp: 142875
Ion Ratio Lower Upper
77 100
97 21.6 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 49.773 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082675.D
 Acq: 21 Jun 2024 13:44

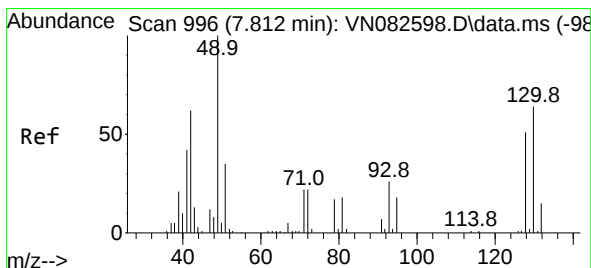
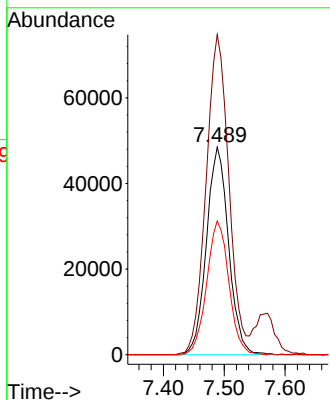
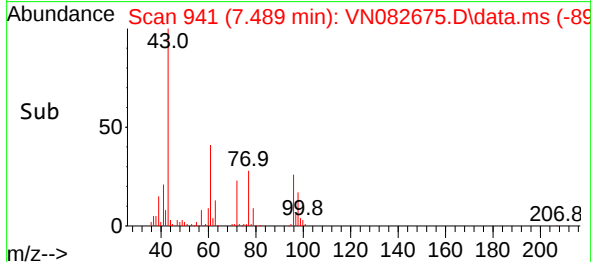
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 122430
 Ion Ratio Lower Upper
 96 100
 61 158.7 0.0 329.6
 98 64.3 0.0 128.6

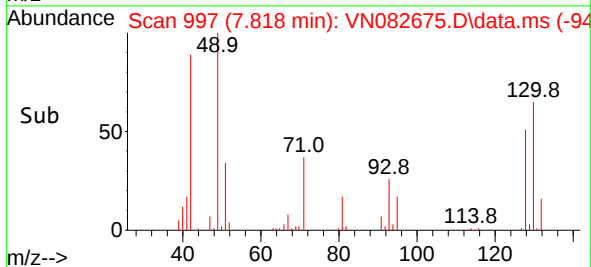
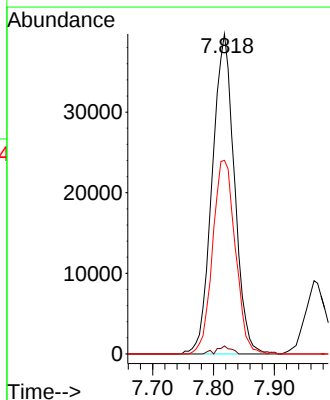
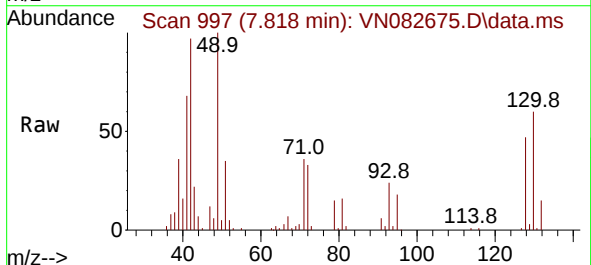
Manual Integrations
 APPROVED

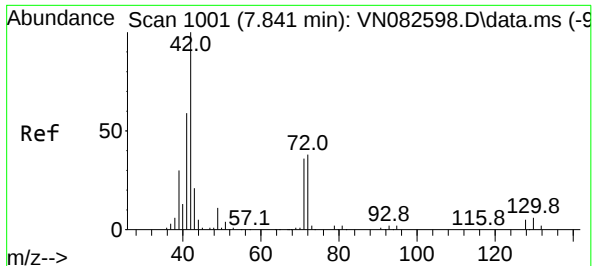
Reviewed By :John Carlone 06/24/2024
 Supervised By :Mahesh Dadoda 06/24/2024



#28
 Bromochloromethane
 Concen: 51.655 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082675.D
 Acq: 21 Jun 2024 13:44

Tgt Ion: 49 Resp: 100613
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 61.7 50.5 75.7





#29

Tetrahydrofuran

Concen: 285.336 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

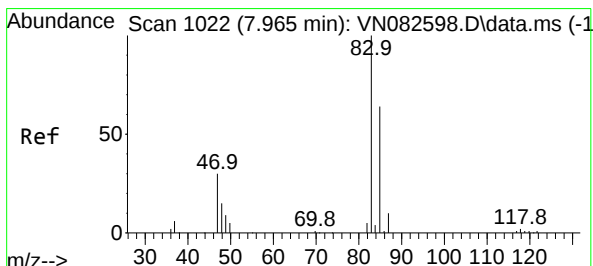
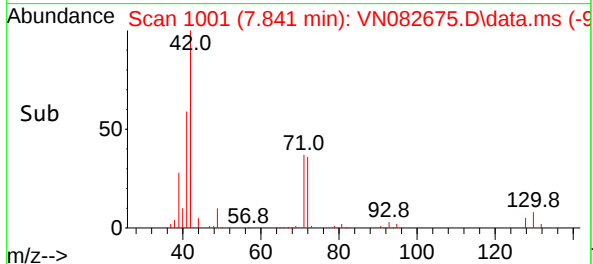
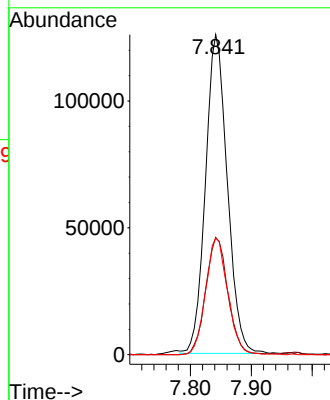
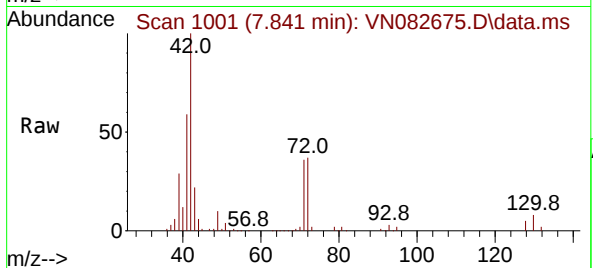
Tgt Ion: 42 Resp: 312404
 Ion Ratio Lower Upper
 42 100
 72 37.5 30.0 45.0
 71 37.1 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#30

Chloroform

Concen: 52.969 ug/l

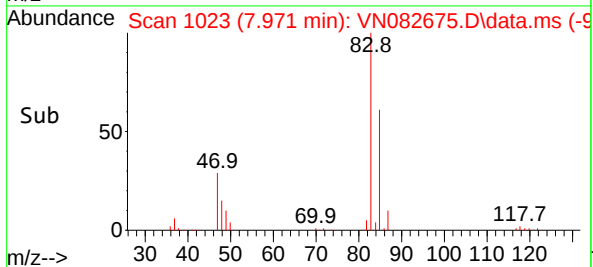
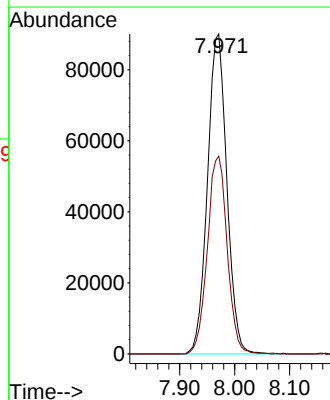
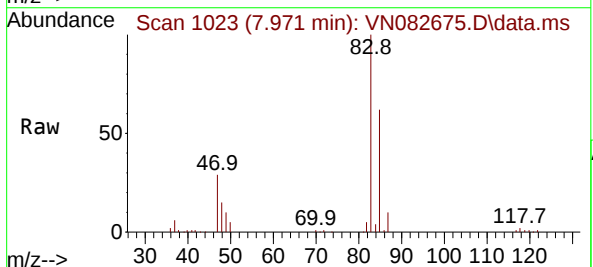
RT: 7.971 min Scan# 1023

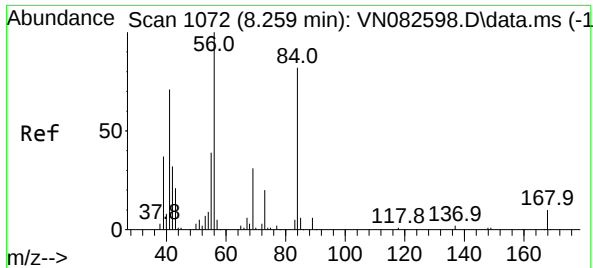
Delta R.T. 0.006 min

Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

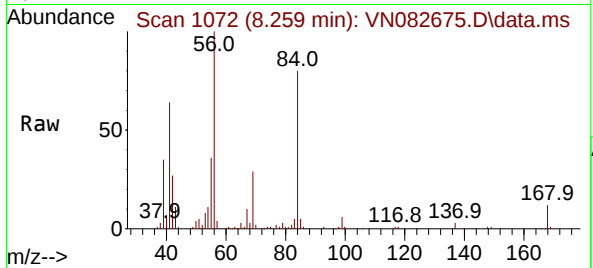
Tgt Ion: 83 Resp: 220531
 Ion Ratio Lower Upper
 83 100
 85 61.9 50.9 76.3





#31
Cyclohexane
Concen: 42.185 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

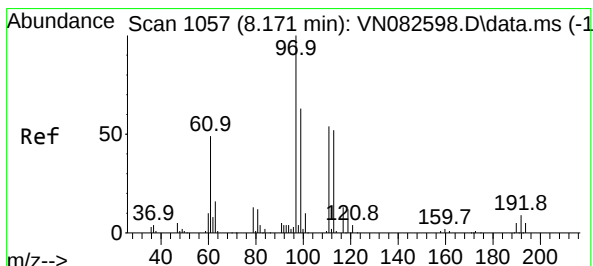
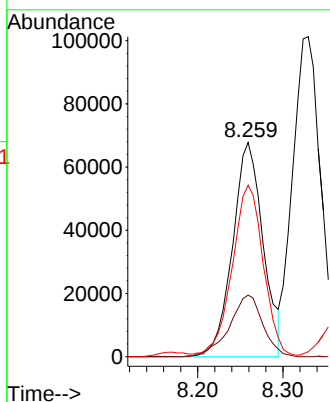
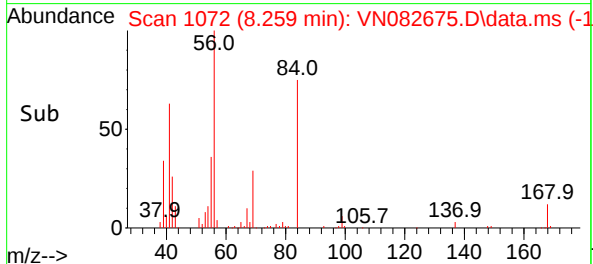
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



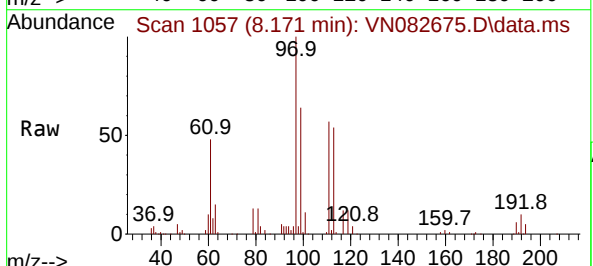
Tgt Ion: 56 Resp: 16844
Ion Ratio Lower Upper
56 100
69 28.7 24.5 36.7
84 78.3 66.0 99.0

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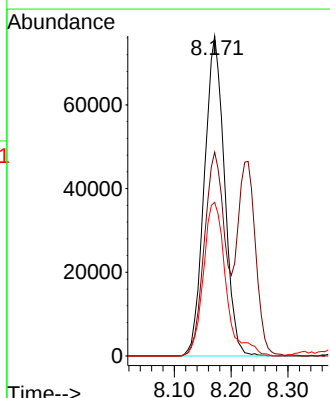
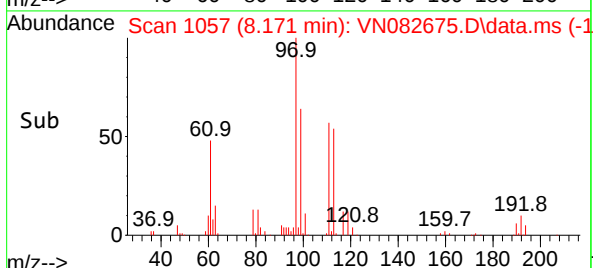
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

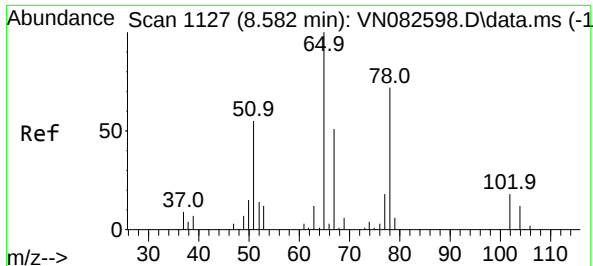


#32
1,1,1-Trichloroethane
Concen: 49.794 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44



Tgt Ion: 97 Resp: 187993
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 53.7 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 53.298 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 147460

Ion Ratio Lower Upper

65 100

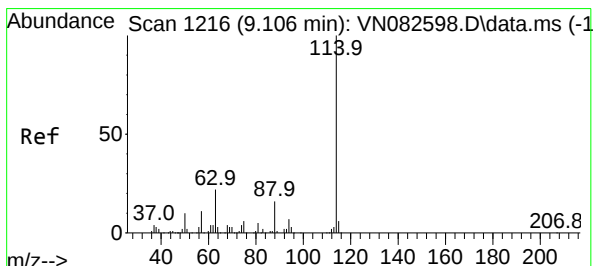
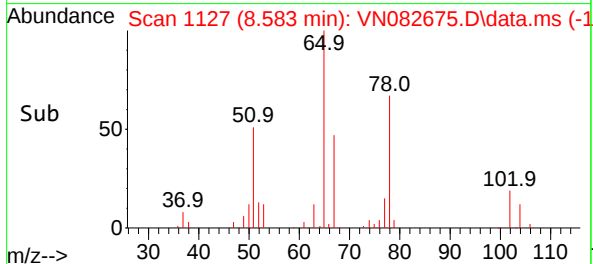
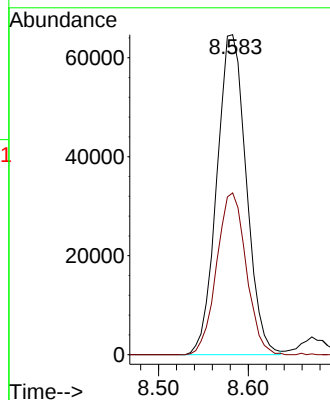
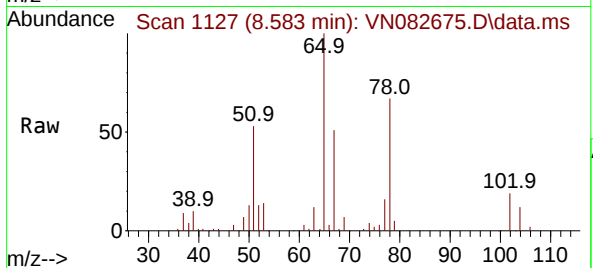
67 50.6 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

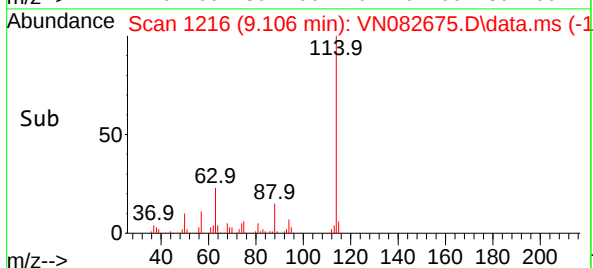
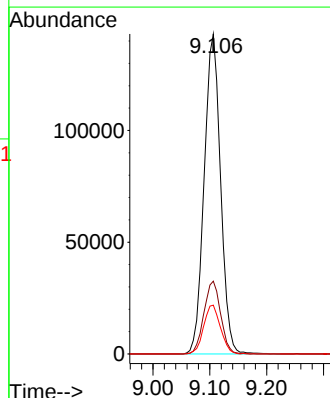
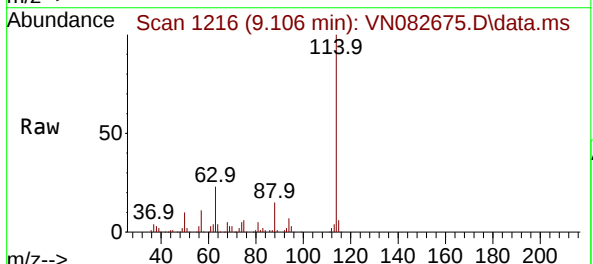
Tgt Ion:114 Resp: 286421

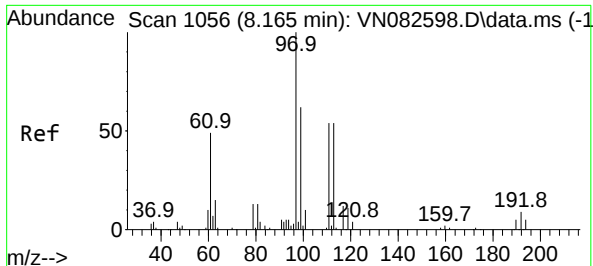
Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.6

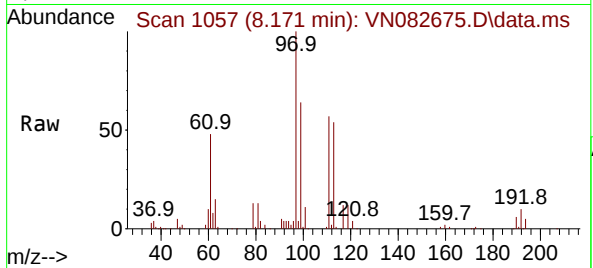
88 15.3 0.0 31.4





#35
Dibromofluoromethane
Concen: 52.317 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

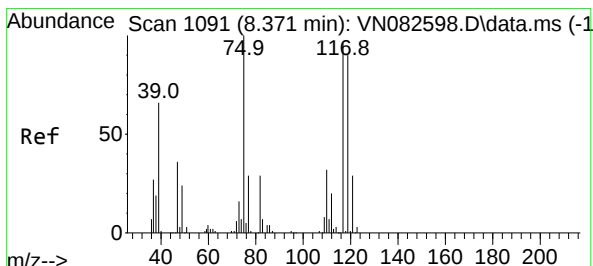
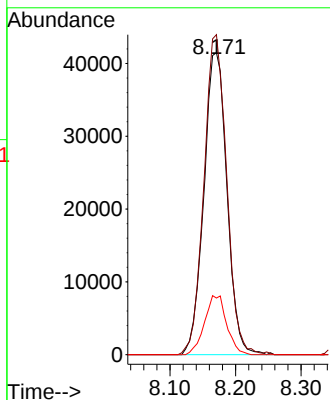
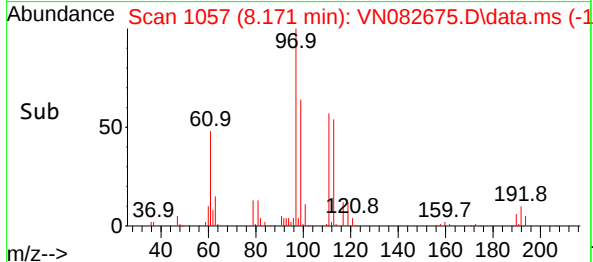
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 10165
Ion Ratio Lower Upper
113 100
111 104.2 82.4 123.6
192 18.7 14.9 22.3

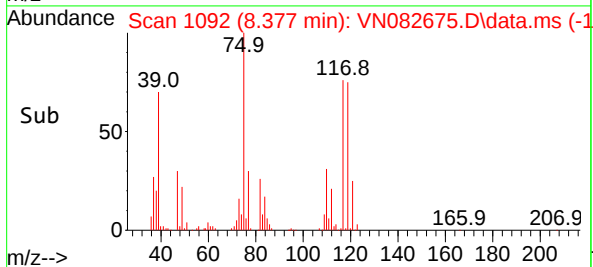
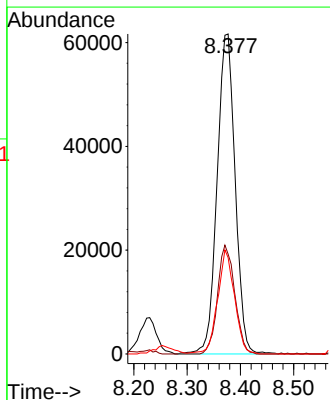
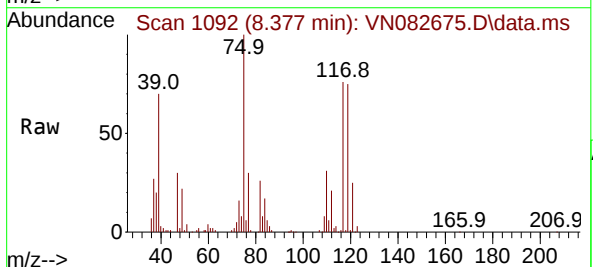
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#36
1,1-Dichloropropene
Concen: 50.011 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Tgt Ion: 75 Resp: 145264
Ion Ratio Lower Upper
75 100
110 32.4 16.3 48.9
77 30.4 24.6 37.0





#37

Ethyl Acetate

Concen: 52.158 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN082675.D

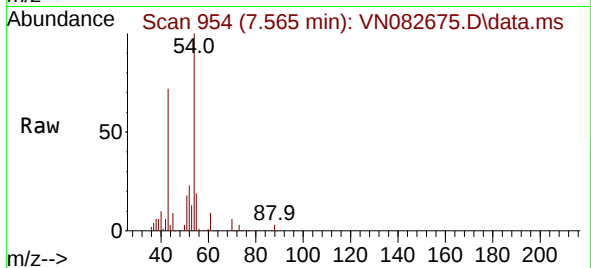
Acq: 21 Jun 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 19298

Ion Ratio Lower Upper

43 100

61 11.5 9.3 13.9

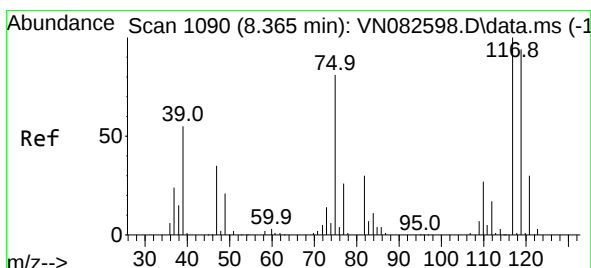
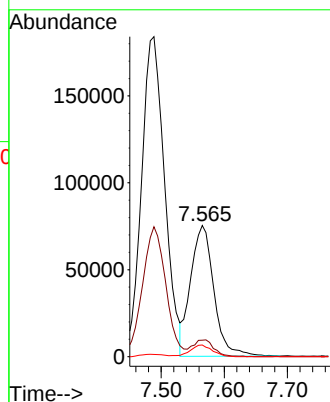
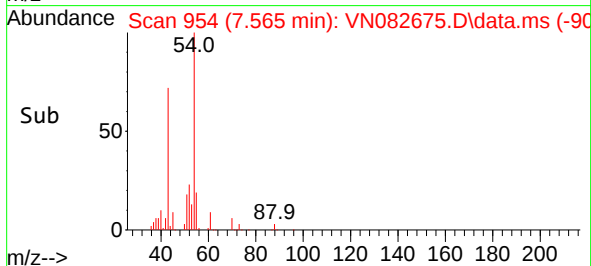
70 8.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#38

Carbon Tetrachloride

Concen: 49.340 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

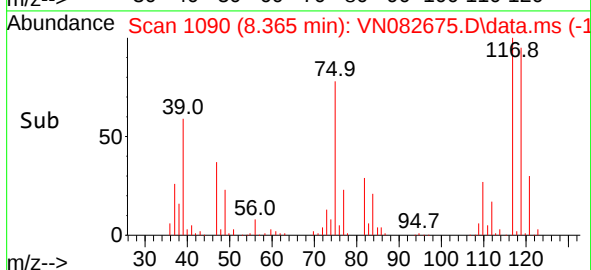
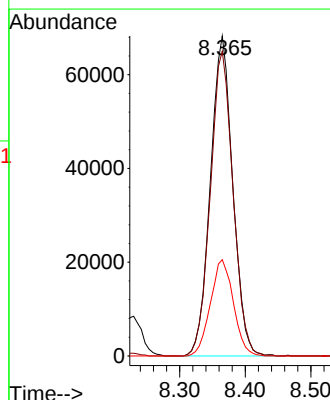
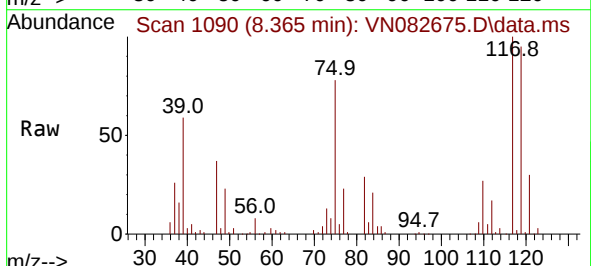
Tgt Ion:117 Resp: 161511

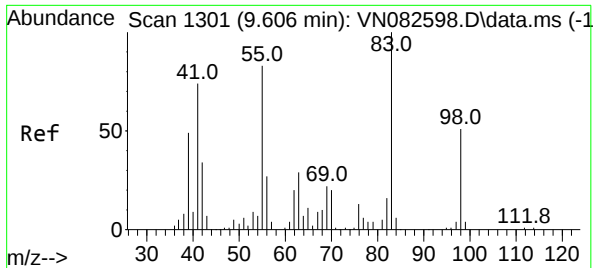
Ion Ratio Lower Upper

117 100

119 95.2 74.9 112.3

121 30.1 24.3 36.5





#39

Methylcyclohexane

Concen: 46.369 ug/l

RT: 9.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 14174

Ion Ratio Lower Upper

83 100

55 87.0 66.4 99.6

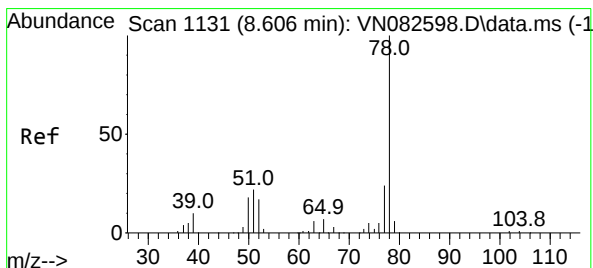
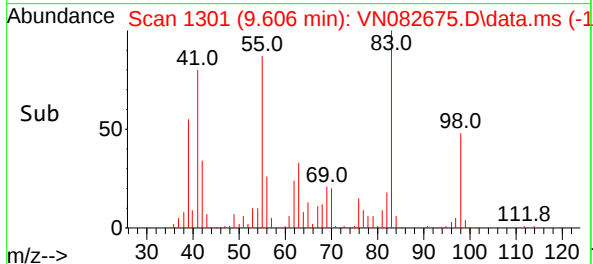
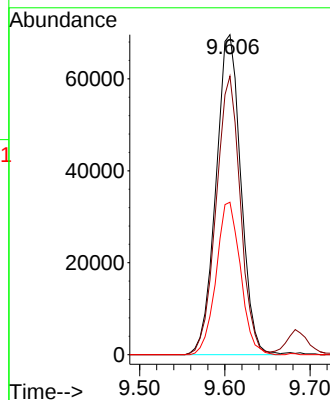
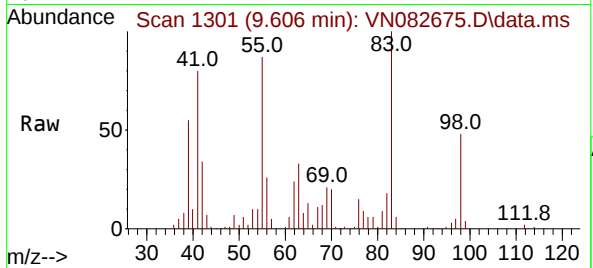
98 47.7 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#40

Benzene

Concen: 51.527 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN082675.D

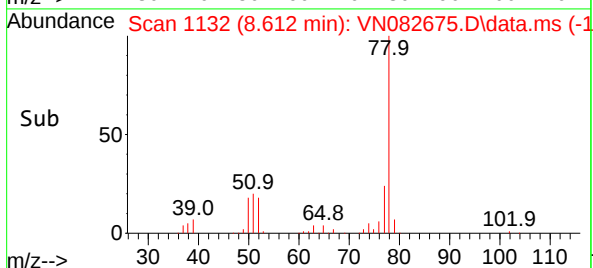
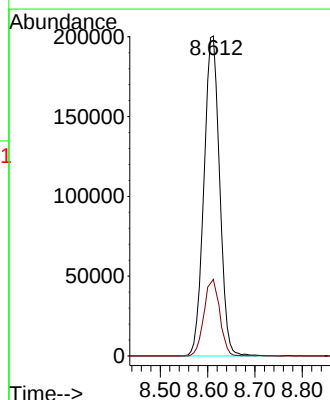
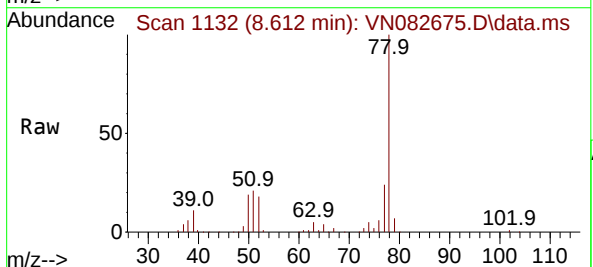
Acq: 21 Jun 2024 13:44

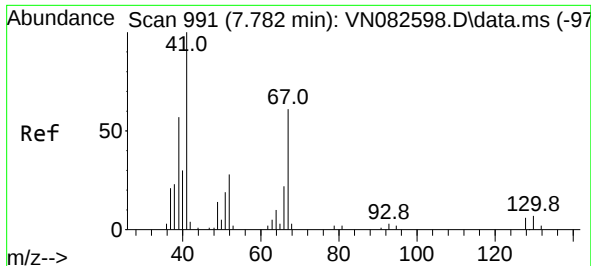
Tgt Ion: 78 Resp: 462463

Ion Ratio Lower Upper

78 100

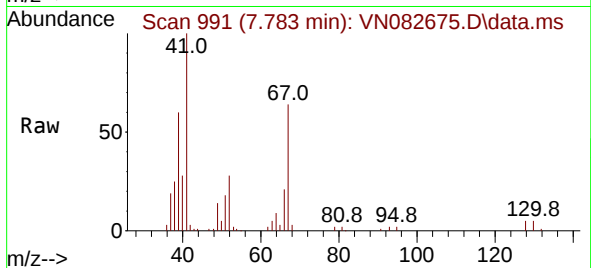
77 23.9 19.0 28.4





#41
Methacrylonitrile
Concen: 56.572 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

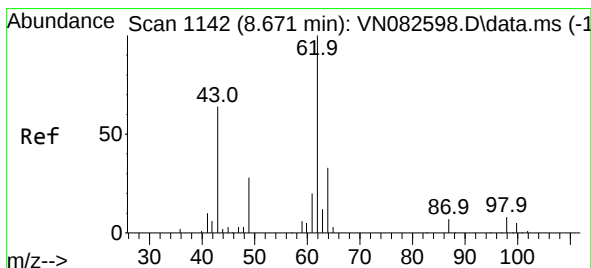
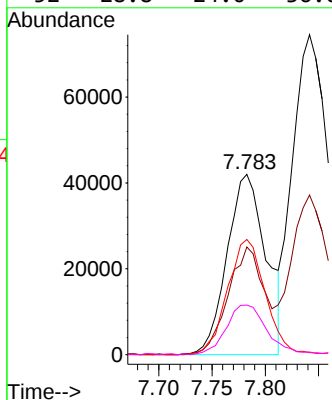
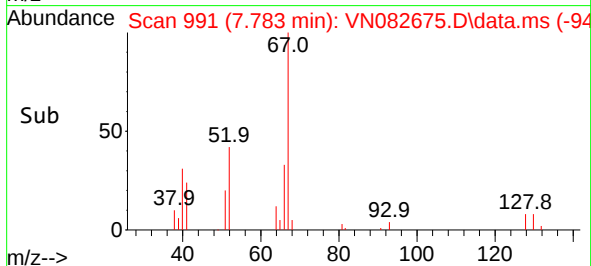
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



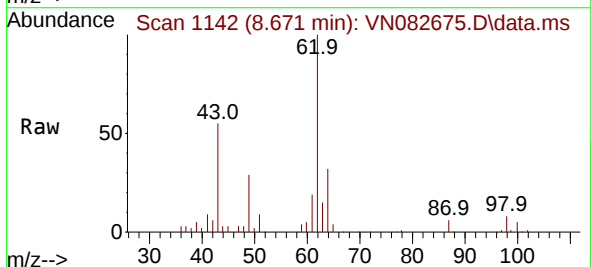
Tgt Ion: 41 Resp: 106995
Ion Ratio Lower Upper
41 100
39 54.4 45.5 68.3
67 62.0 50.5 75.7
52 28.8 24.0 36.0

Manual Integrations
APPROVED

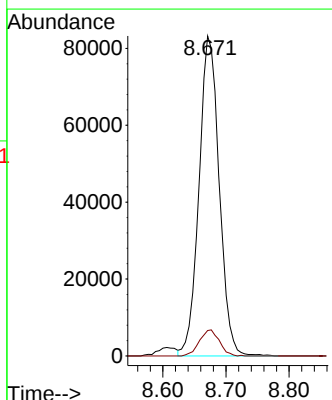
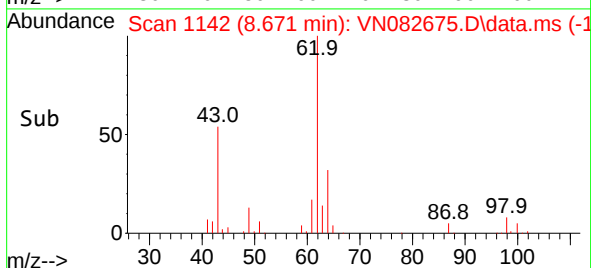
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

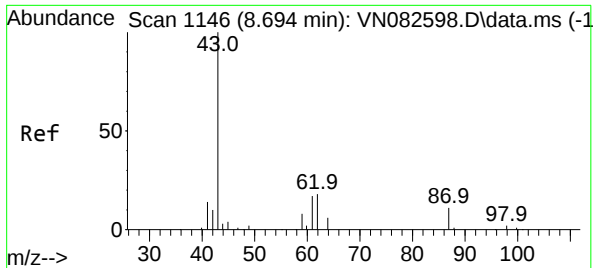


#42
1,2-Dichloroethane
Concen: 54.251 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44



Tgt Ion: 62 Resp: 185208
Ion Ratio Lower Upper
62 100
98 8.0 0.0 15.8





#43
Isopropyl Acetate
Concen: 47.125 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

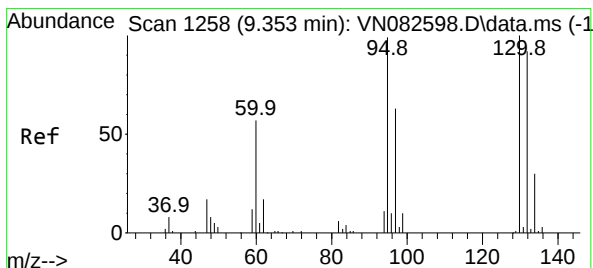
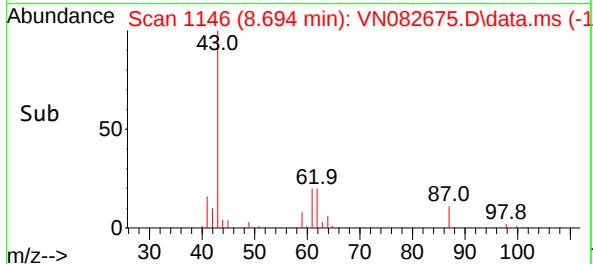
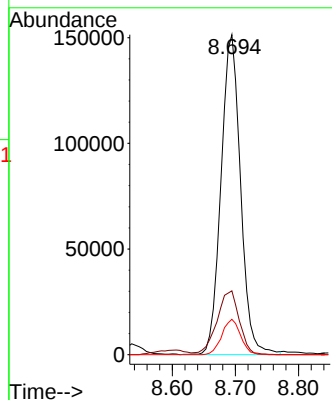
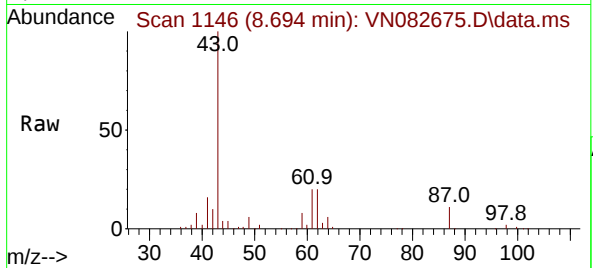
Tgt Ion: 43 Resp: 325850
Ion Ratio Lower Upper
43 100
61 22.9 17.8 26.6
87 10.5 8.2 12.2

Manual Integrations

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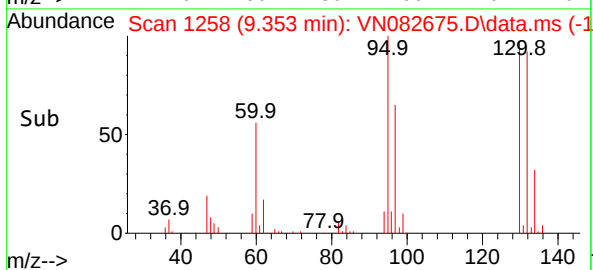
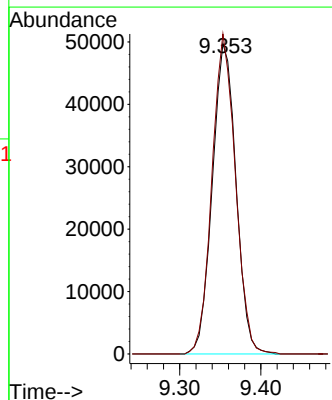
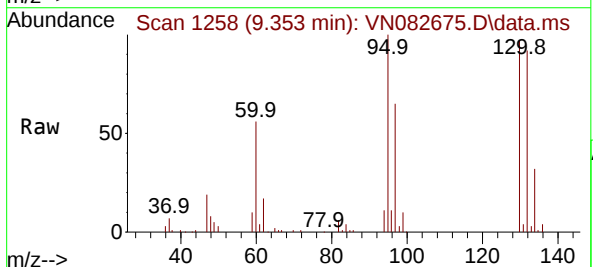
Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#44
Trichloroethene
Concen: 48.380 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Tgt Ion:130 Resp: 100827
Ion Ratio Lower Upper
130 100
95 103.1 0.0 197.8





#45

1,2-Dichloropropane

Concen: 53.130 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 122739

Ion Ratio Lower Upper

63 100

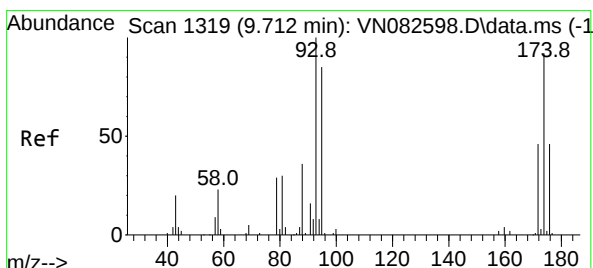
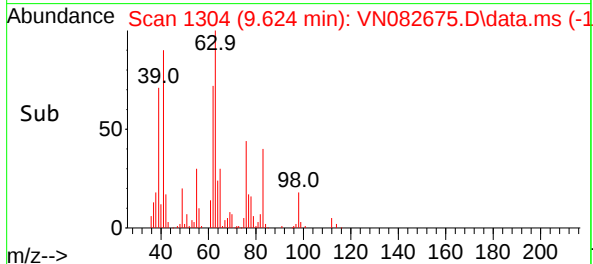
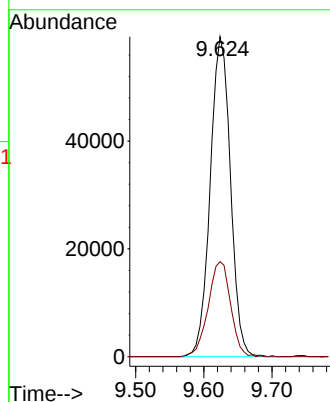
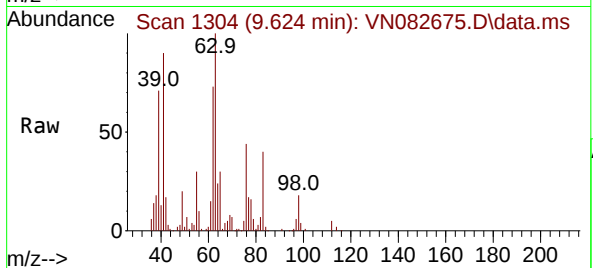
65 29.7 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#46

Dibromomethane

Concen: 53.708 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

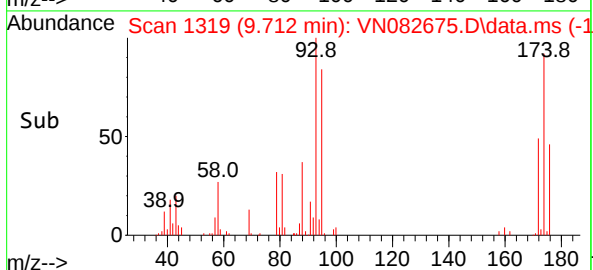
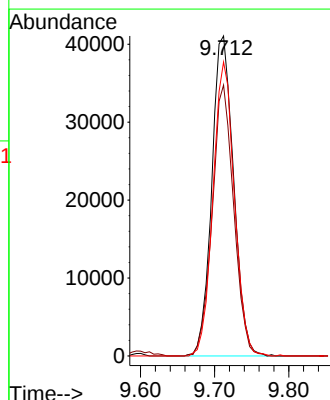
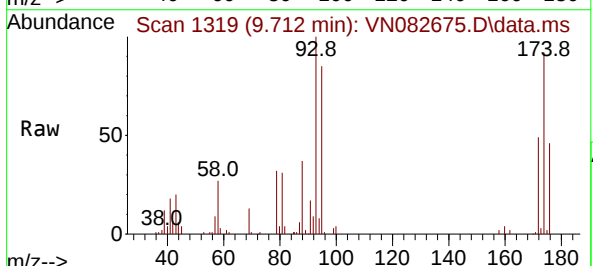
Tgt Ion: 93 Resp: 84106

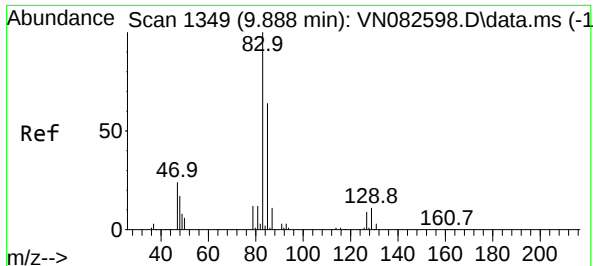
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.6

174 90.0 71.7 107.5





#47

Bromodichloromethane

Concen: 53.845 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 179770

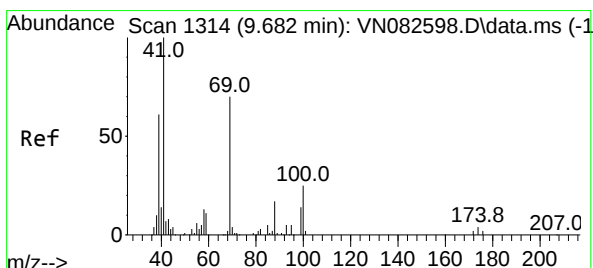
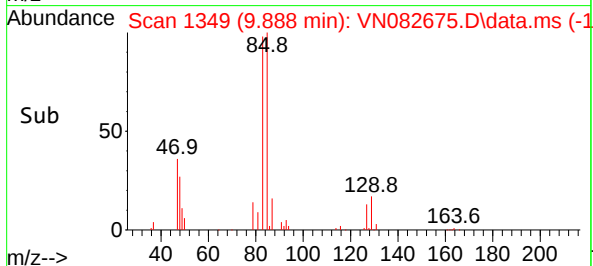
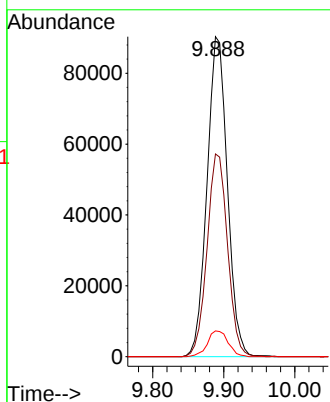
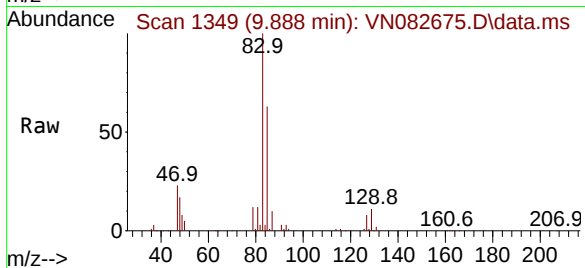
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.1	76.7
127	8.0	7.2	10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#48

Methyl methacrylate

Concen: 54.934 ug/l

RT: 9.688 min Scan# 1315

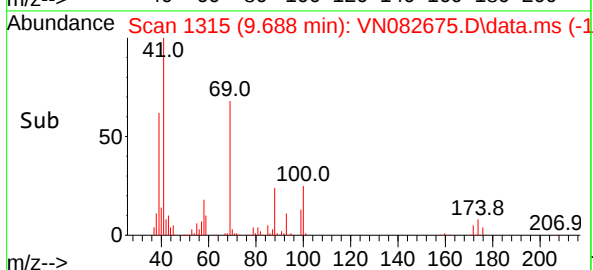
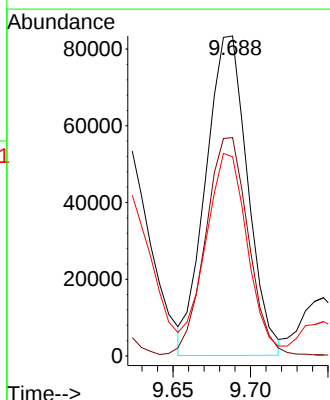
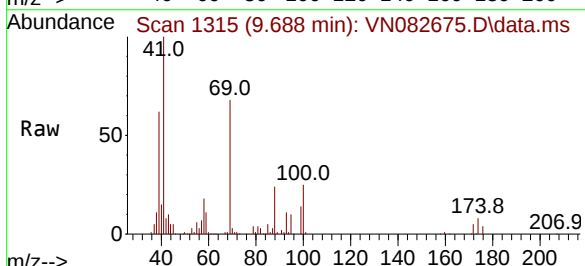
Delta R.T. 0.006 min

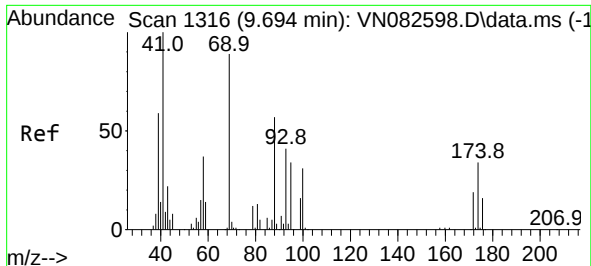
Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

Tgt Ion: 41 Resp: 156591

Ion	Ratio	Lower	Upper
41	100		
69	70.1	56.3	84.5
39	63.6	50.3	75.5





#49

1,4-Dioxane

Concen: 1198.169 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

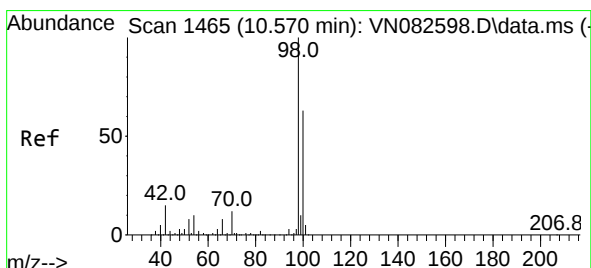
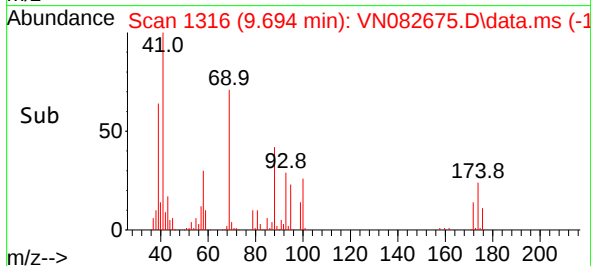
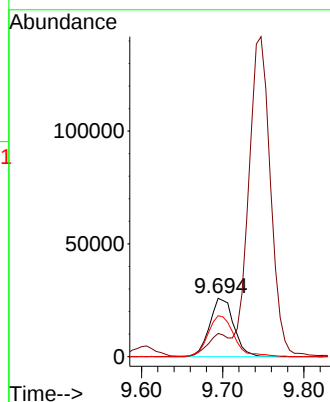
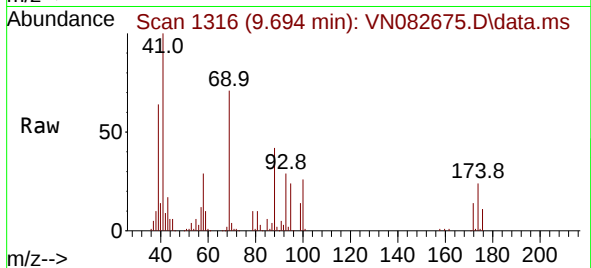
Tgt Ion:	88	Resp:	5342
Ion Ratio	Lower	Upper	
88	100		
43	37.7	27.8	41.8
58	76.2	59.4	89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#50

Toluene-d8

Concen: 52.270 ug/l

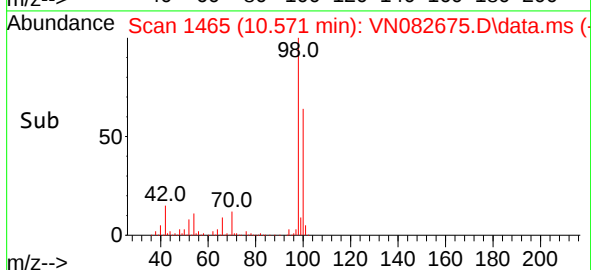
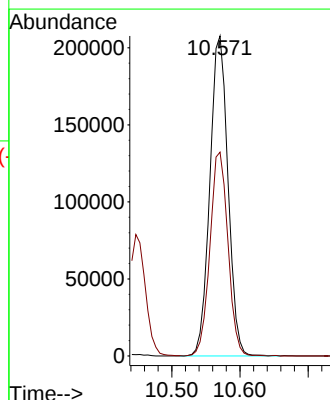
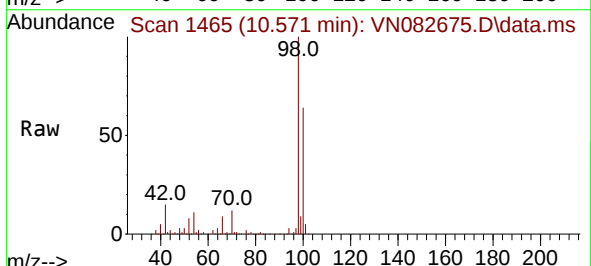
RT: 10.571 min Scan# 1465

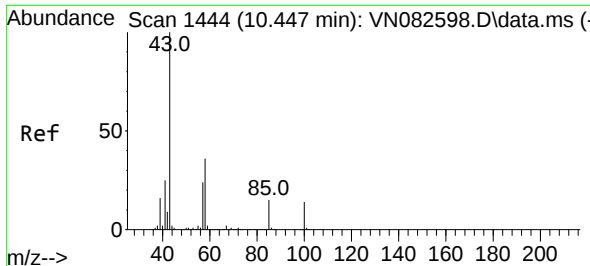
Delta R.T. 0.000 min

Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

Tgt Ion:	98	Resp:	384078
Ion Ratio	Lower	Upper	
98	100		
100	63.3	51.5	77.3





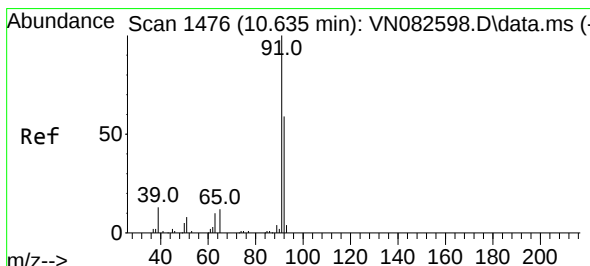
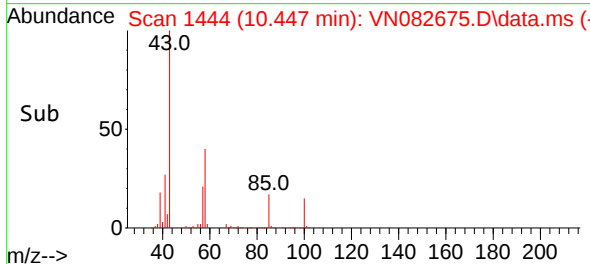
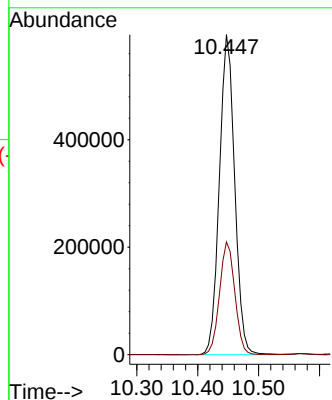
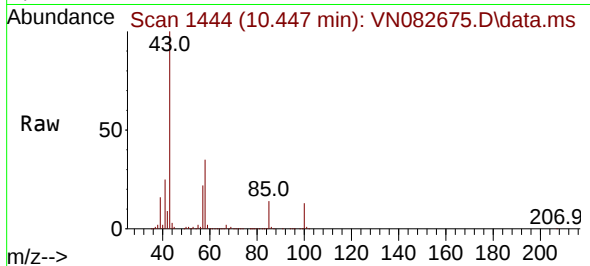
#51
4-Methyl-2-Pentanone
Concen: 292.974 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 103906
Ion Ratio Lower Upper
43 100
58 35.2 28.2 42.4

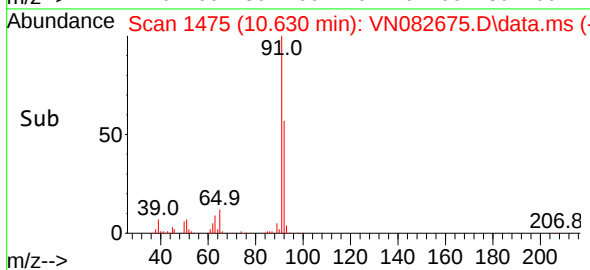
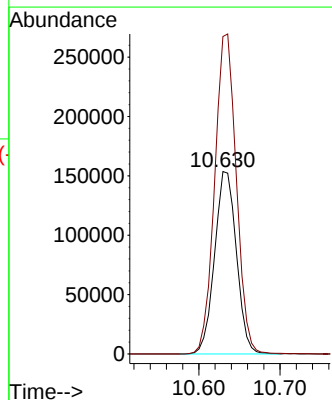
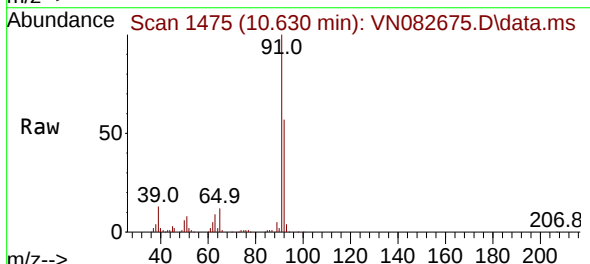
Manual Integrations
APPROVED

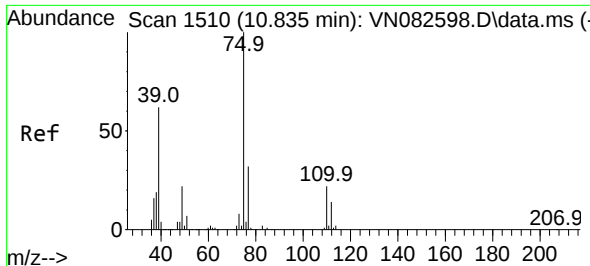
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#52
Toluene
Concen: 52.789 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

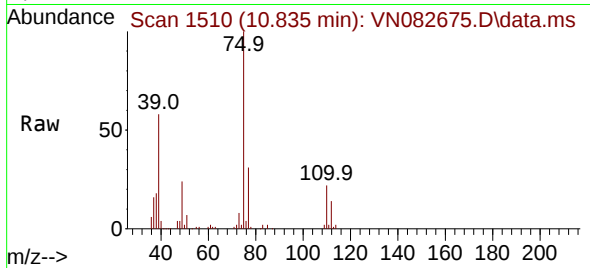
Tgt Ion: 92 Resp: 287124
Ion Ratio Lower Upper
92 100
91 174.1 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 52.343 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

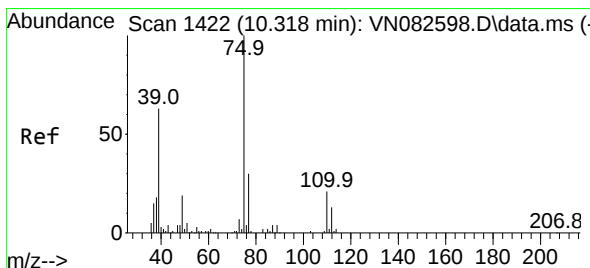
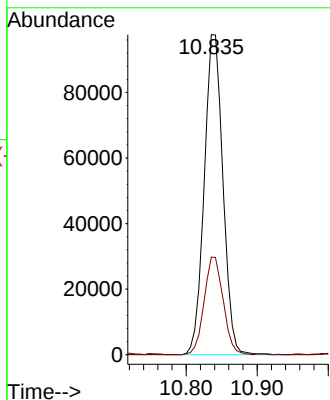
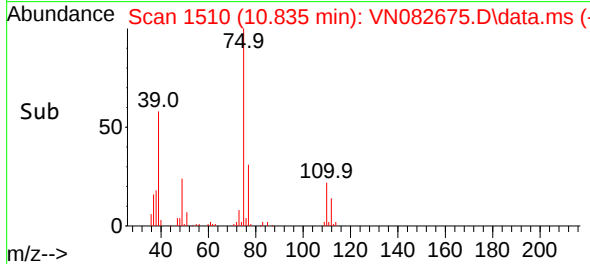
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



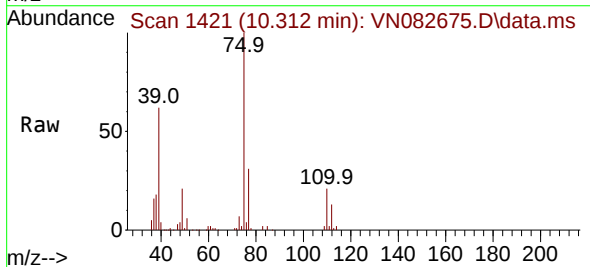
Tgt Ion: 75 Resp: 178649
Ion Ratio Lower Upper
75 100
77 30.5 25.7 38.5

Manual Integrations
APPROVED

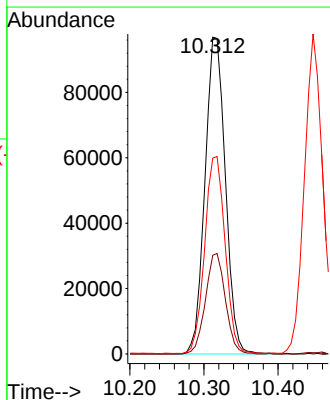
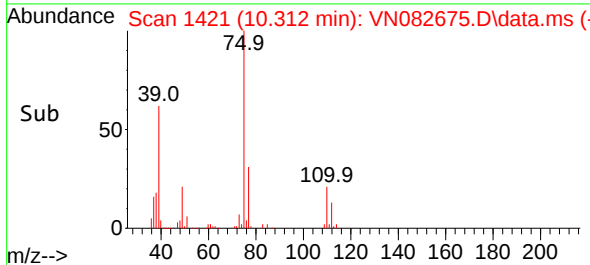
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

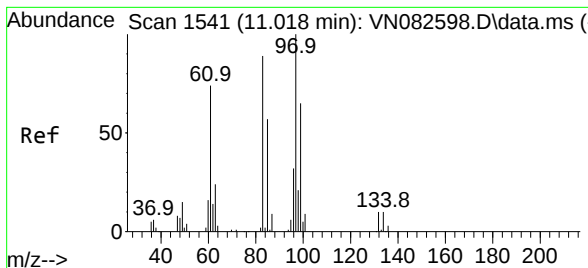


#54
cis-1,3-Dichloropropene
Concen: 52.512 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44



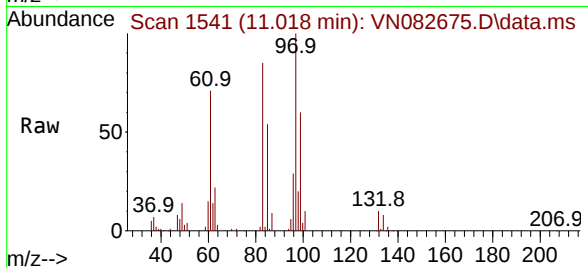
Tgt Ion: 75 Resp: 185336
Ion Ratio Lower Upper
75 100
77 31.2 24.3 36.5
39 61.6 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 57.083 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

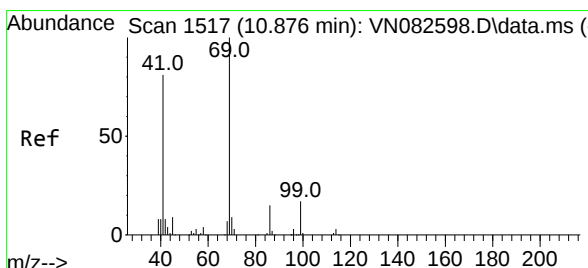
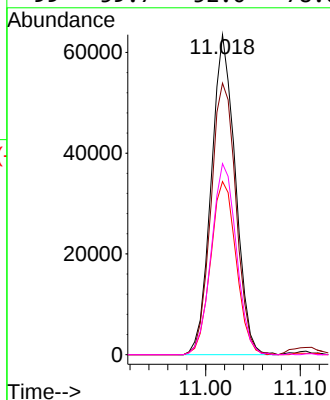
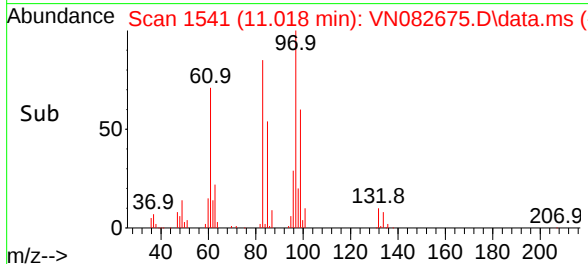
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



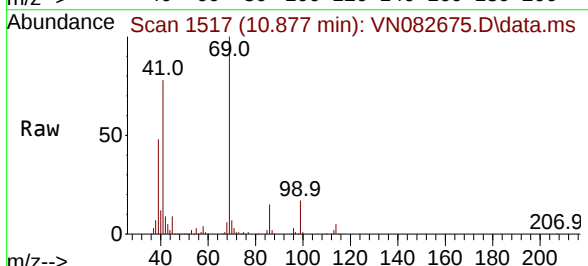
Tgt Ion: 97 Resp: 112372
Ion Ratio Lower Upper
97 100
83 84.8 71.4 107.0
85 54.1 45.8 68.6
99 59.7 52.0 78.0

Manual Integrations
APPROVED

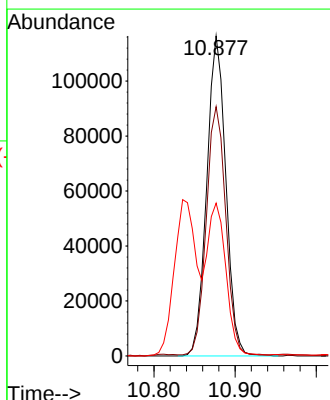
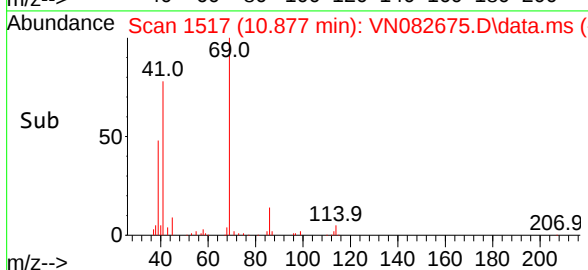
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

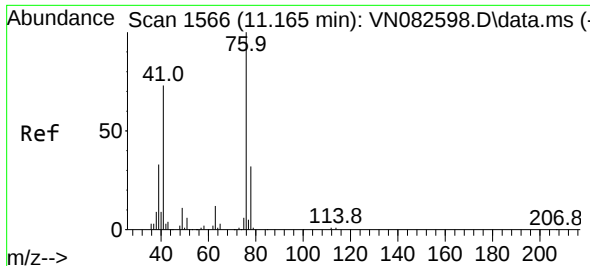


#56
Ethyl methacrylate
Concen: 58.196 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44



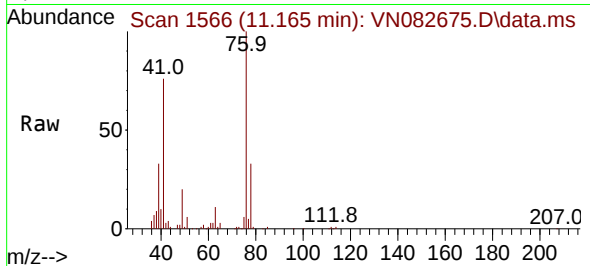
Tgt Ion: 69 Resp: 189752
Ion Ratio Lower Upper
69 100
41 79.2 63.4 95.2
39 46.3 37.4 56.0





#57
1,3-Dichloropropane
Concen: 54.671 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

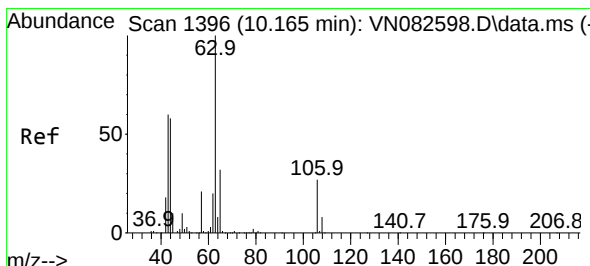
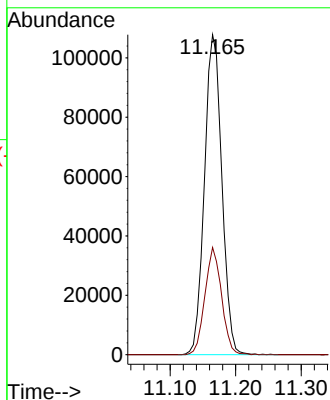
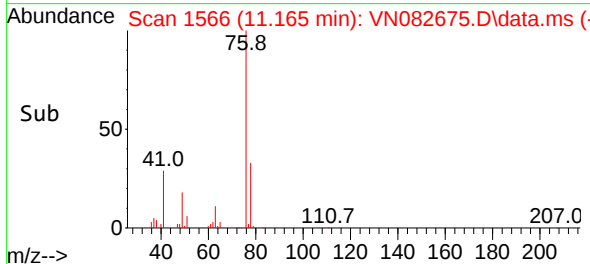
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 198970
Ion Ratio Lower Upper
76 100
78 32.1 25.6 38.4

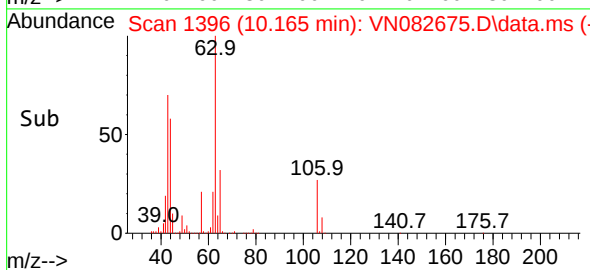
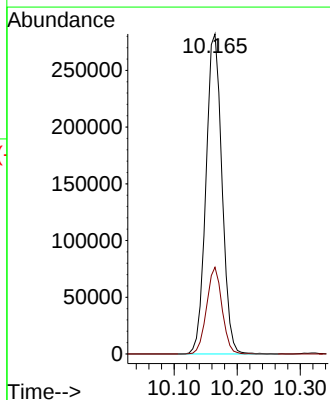
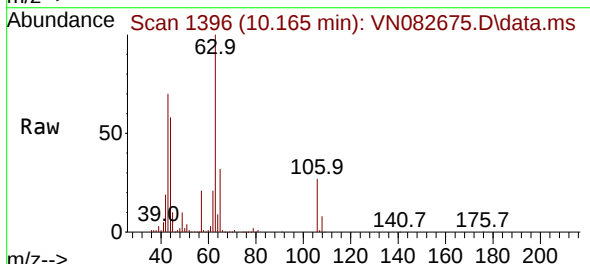
Manual Integrations
APPROVED

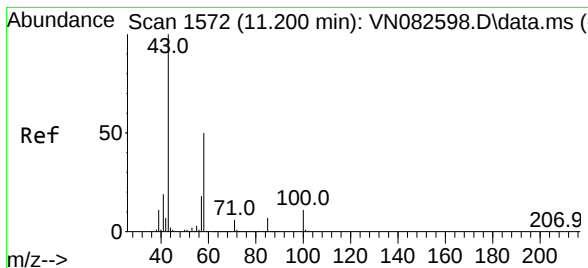
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#58
2-Chloroethyl Vinyl ether
Concen: 286.865 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Tgt Ion: 63 Resp: 494798
Ion Ratio Lower Upper
63 100
106 26.2 21.4 32.0





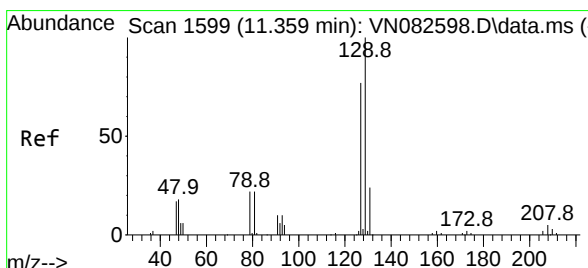
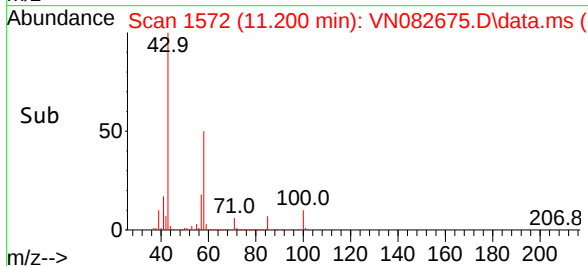
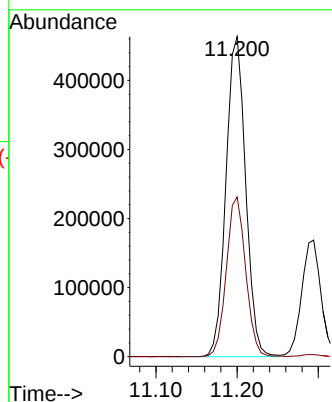
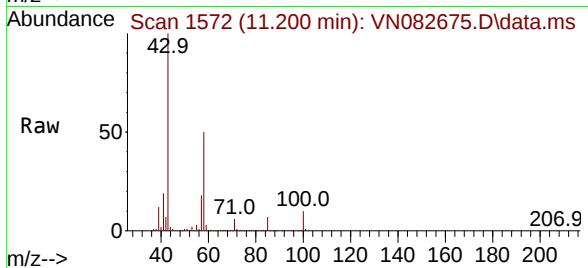
#59
2-Hexanone
Concen: 289.744 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 78103
Ion Ratio Lower Upper
43 100
58 49.0 24.6 73.8

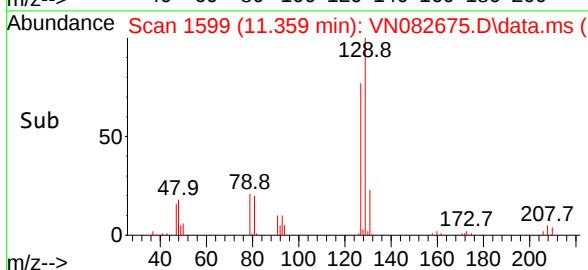
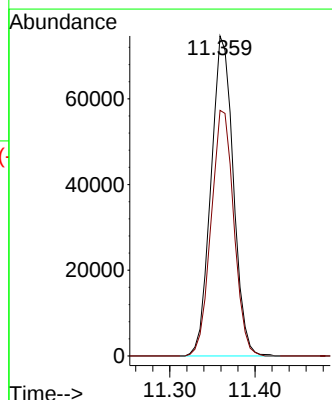
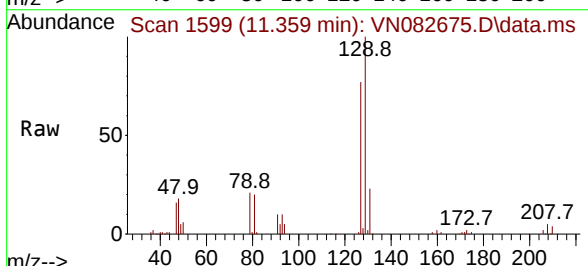
Manual Integrations
APPROVED

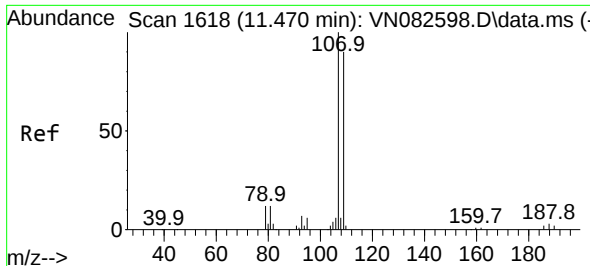
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#60
Dibromochloromethane
Concen: 56.571 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

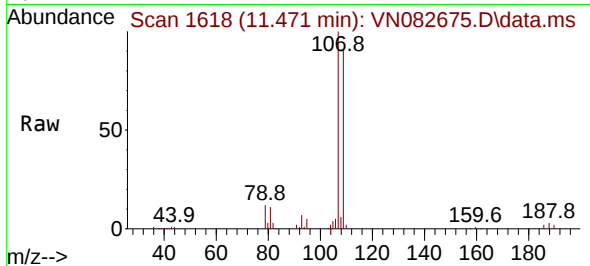
Tgt Ion:129 Resp: 135949
Ion Ratio Lower Upper
129 100
127 77.9 39.2 117.6





#61
1,2-Dibromoethane
Concen: 54.961 ug/l
RT: 11.471 min Scan# 11408
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

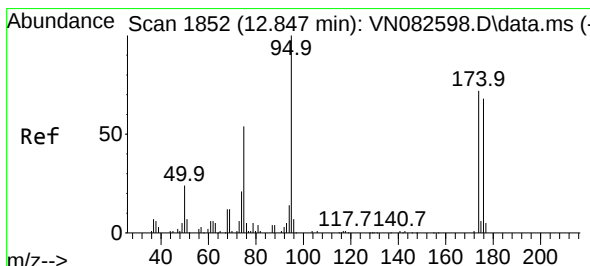
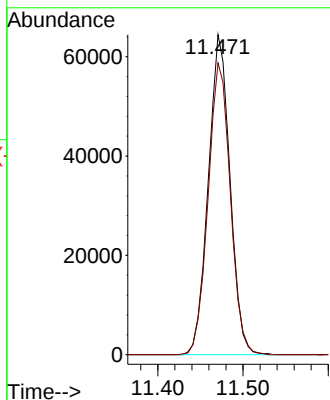
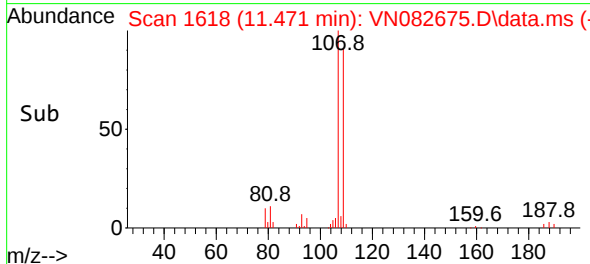
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 114080
Ion Ratio Lower Upper
107 100
109 93.4 73.7 110.5

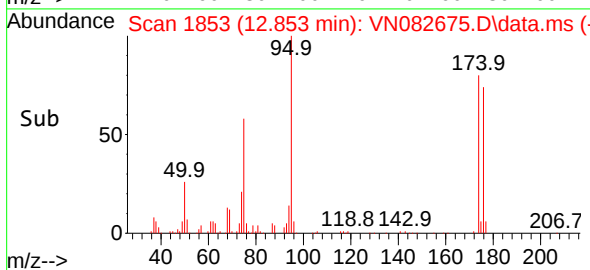
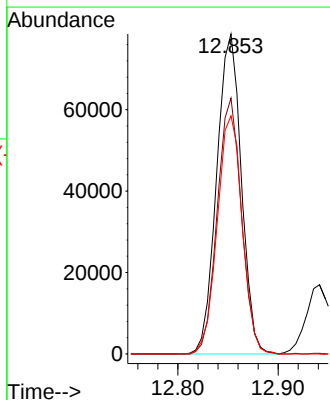
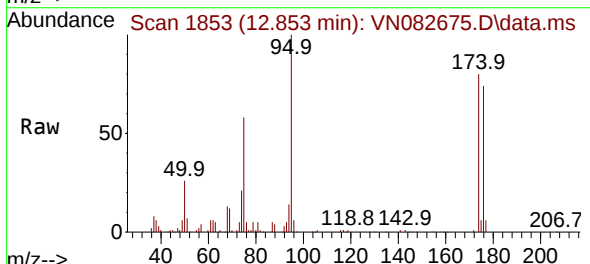
Manual Integrations
APPROVED

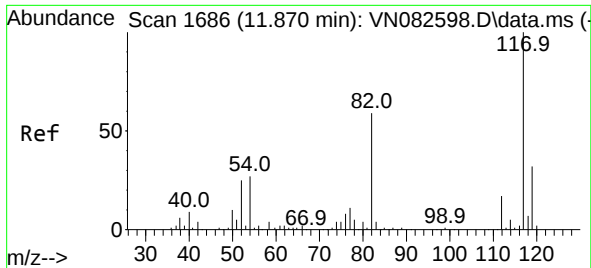
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#62
4-Bromofluorobenzene
Concen: 52.891 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Tgt Ion: 95 Resp: 133990
Ion Ratio Lower Upper
95 100
174 78.4 0.0 159.2
176 75.5 0.0 147.6





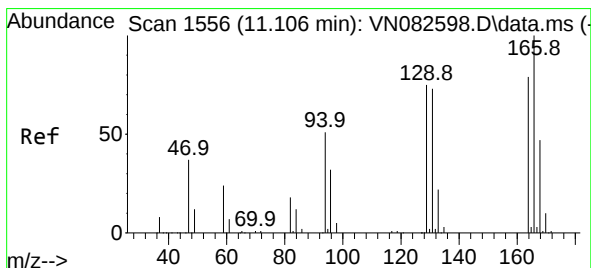
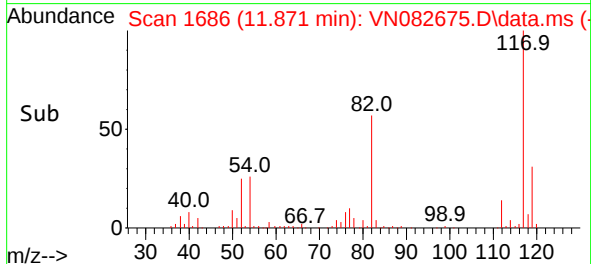
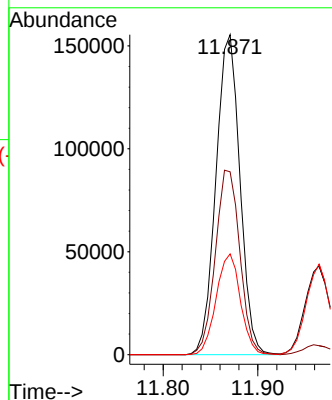
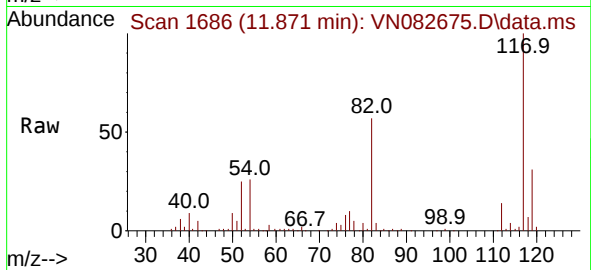
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 274100
Ion Ratio Lower Upper
117 100
82 57.1 47.5 71.3
119 31.5 25.6 38.4

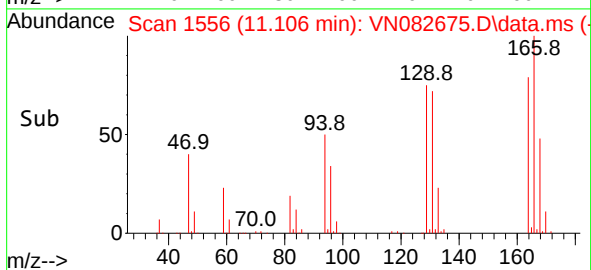
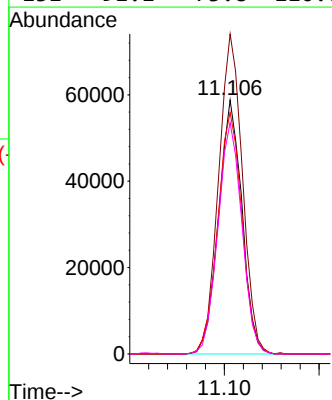
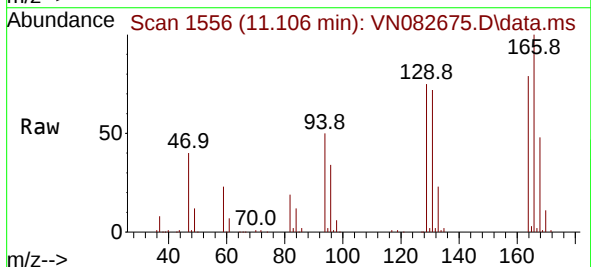
Manual Integrations
APPROVED

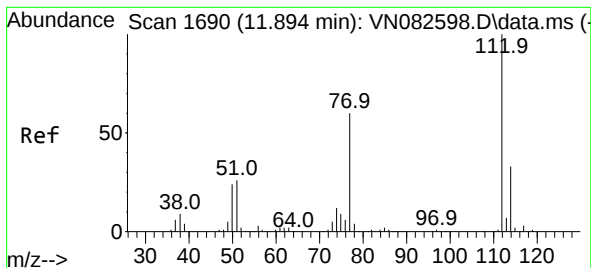
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#64
Tetrachloroethene
Concen: 44.821 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Tgt Ion:164 Resp: 101296
Ion Ratio Lower Upper
164 100
166 126.0 101.4 152.0
129 95.1 75.7 113.5
131 91.1 73.8 110.6





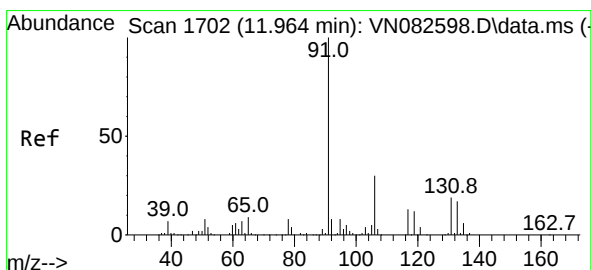
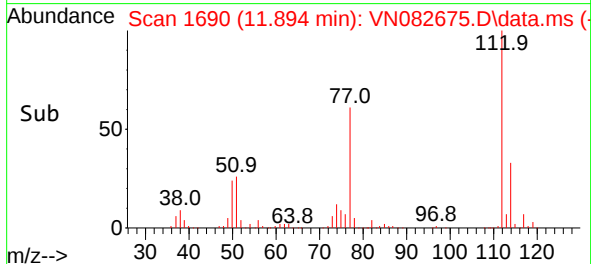
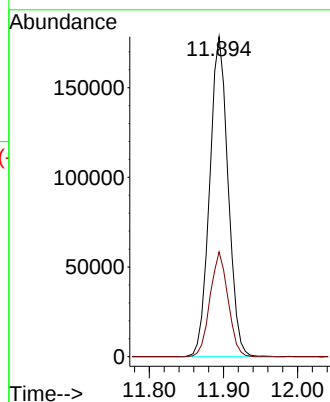
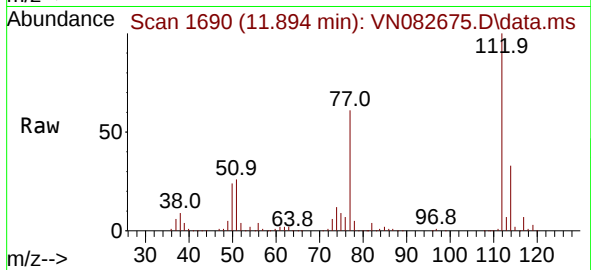
#65
Chlorobenzene
Concen: 49.010 ug/l
RT: 11.894 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 30805
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2

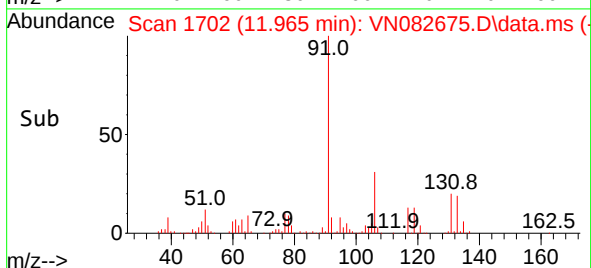
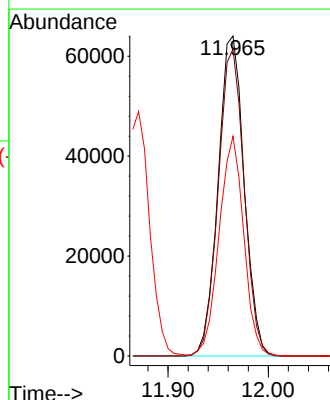
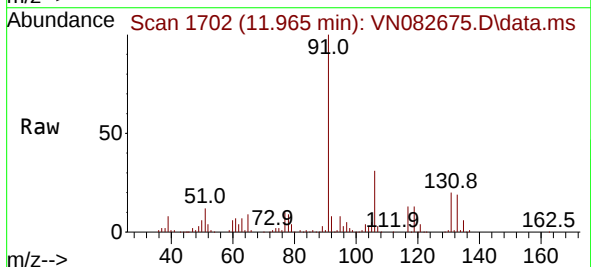
Manual Integrations
APPROVED

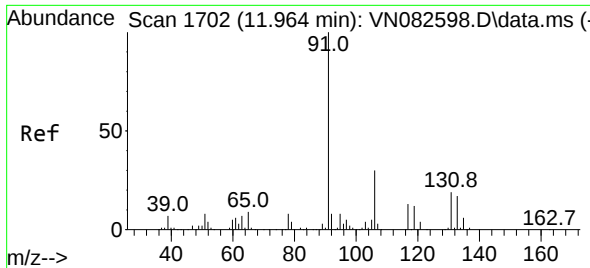
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 51.591 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Tgt Ion:131 Resp: 115631
Ion Ratio Lower Upper
131 100
133 95.1 47.3 142.0
119 65.0 32.5 97.4





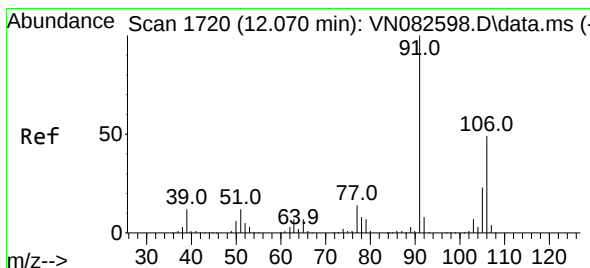
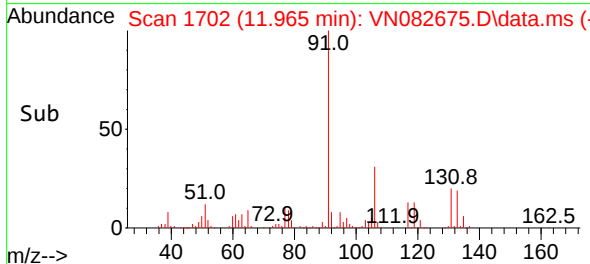
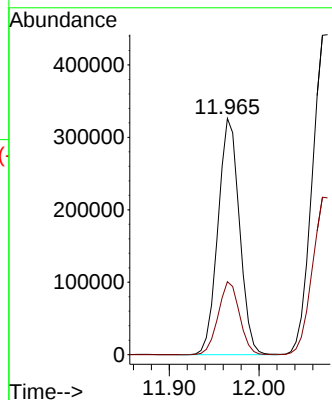
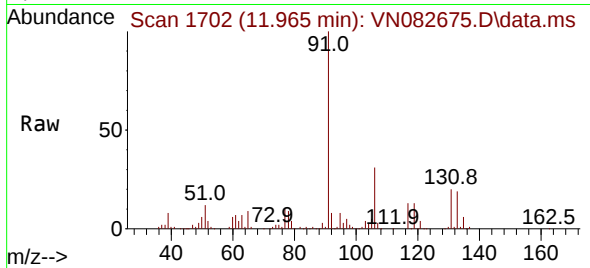
#67
Ethyl Benzene
Concen: 50.623 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 54218
Ion Ratio Lower Upper
91 100
106 30.9 24.0 36.0

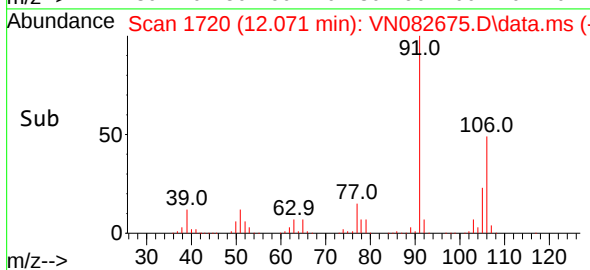
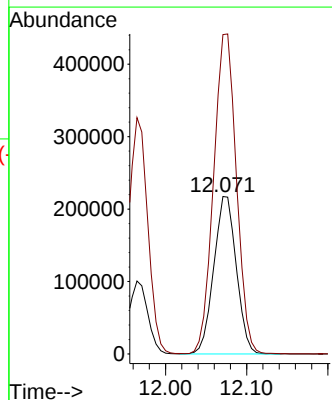
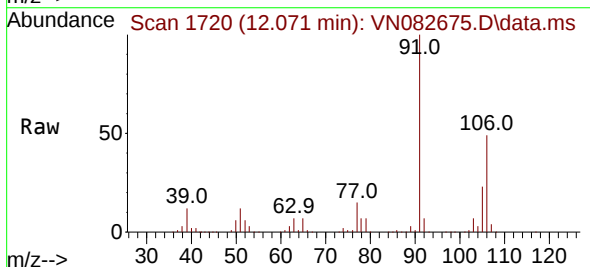
Manual Integrations
APPROVED

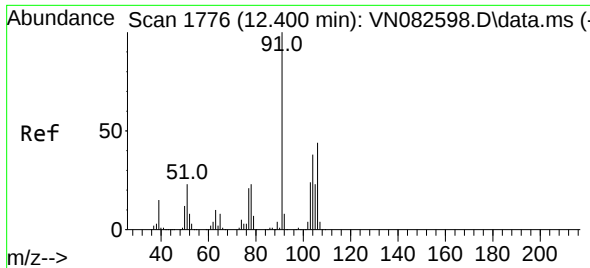
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#68
m/p-Xylenes
Concen: 105.149 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Tgt Ion:106 Resp: 418961
Ion Ratio Lower Upper
106 100
91 206.5 166.1 249.1





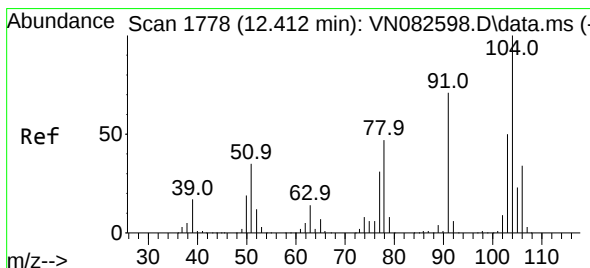
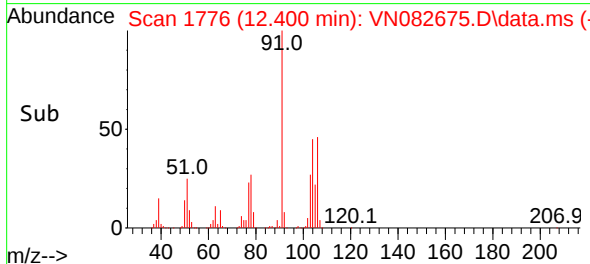
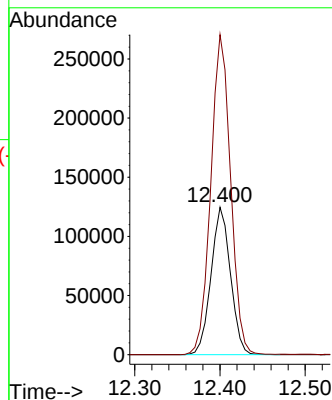
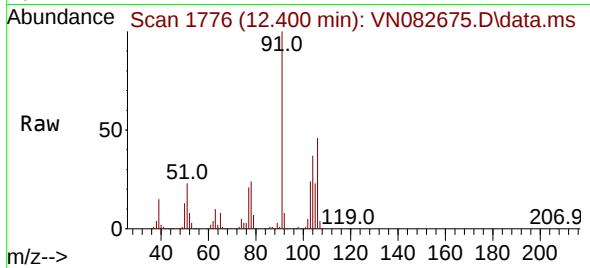
#69
o-Xylene
Concen: 52.888 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 197985
Ion Ratio Lower Upper
106 100
91 221.0 111.3 333.9

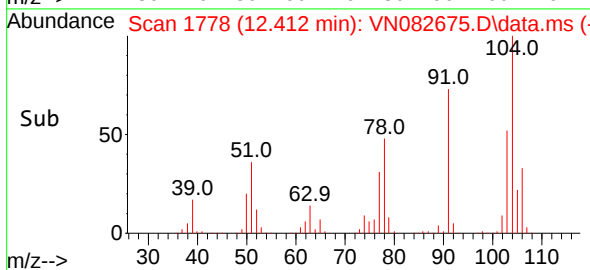
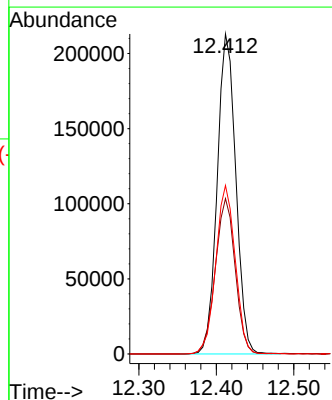
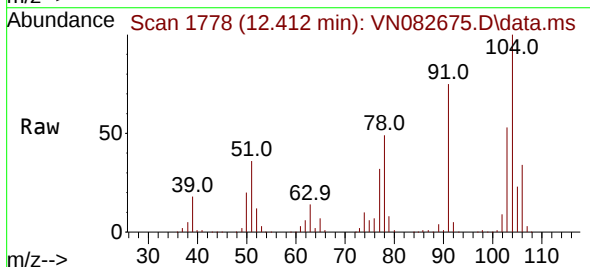
Manual Integrations
APPROVED

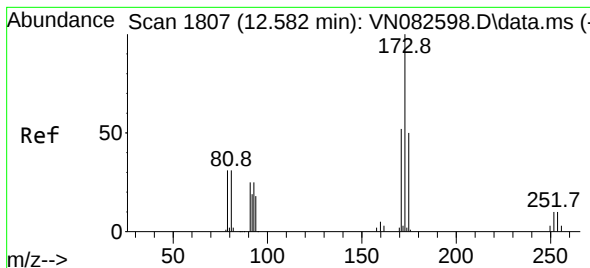
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#70
Styrene
Concen: 55.956 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Tgt Ion:104 Resp: 355521
Ion Ratio Lower Upper
104 100
78 51.8 41.6 62.4
103 55.1 44.0 66.0





#71

Bromoform

Concen: 53.904 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 95519

Ion Ratio Lower Upper

173 100

175 47.4 24.0 72.0

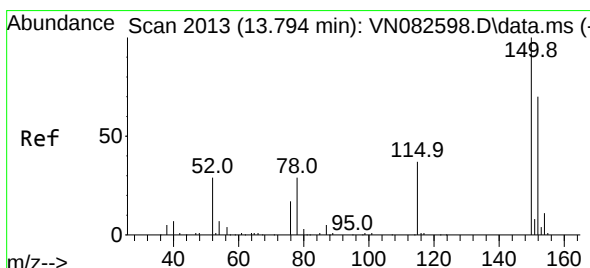
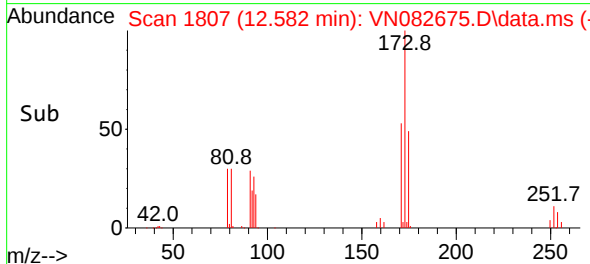
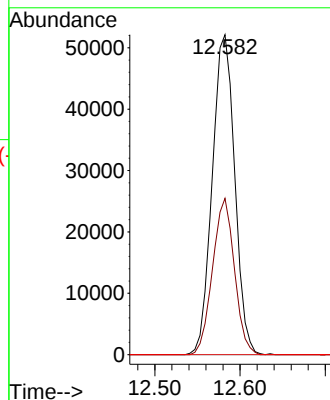
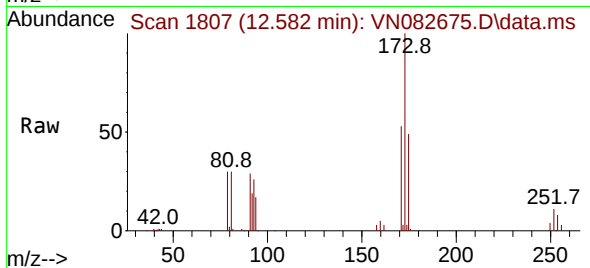
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

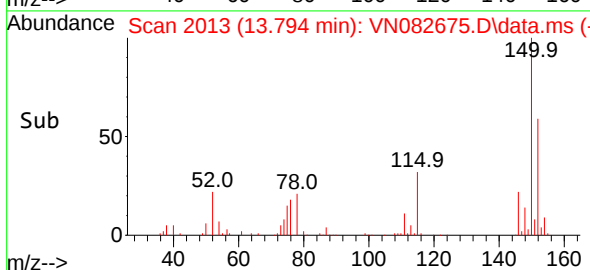
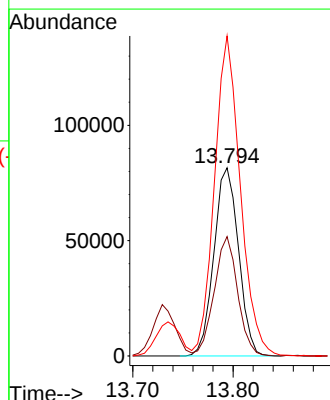
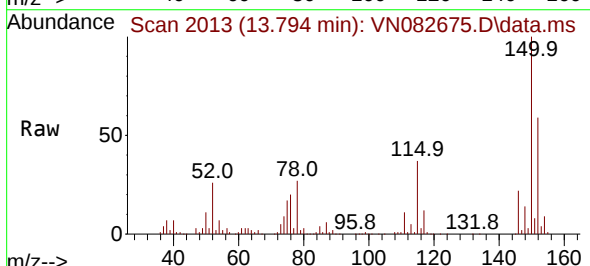
Tgt Ion:152 Resp: 138646

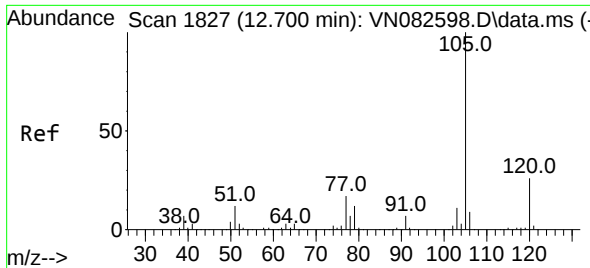
Ion Ratio Lower Upper

152 100

115 60.7 30.6 91.6

150 178.8 0.0 348.6





#73
Isopropylbenzene
Concen: 47.250 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

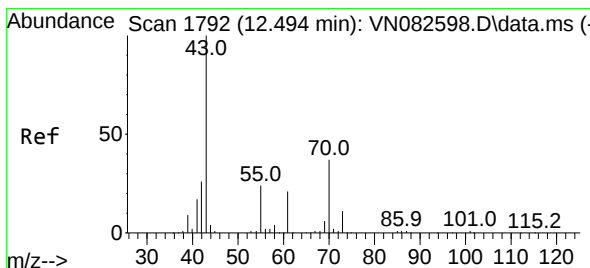
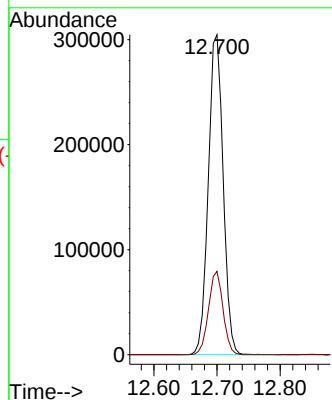
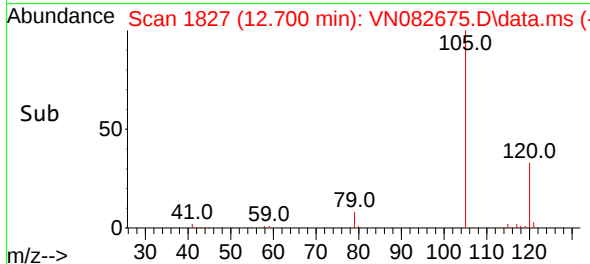
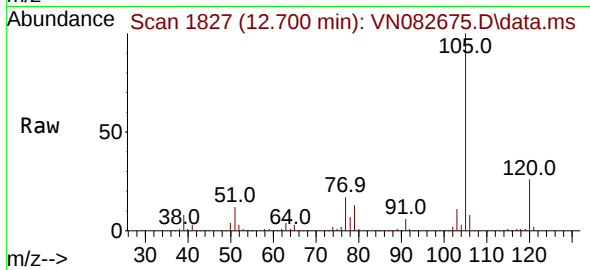
VSTDCCC050

Tgt Ion:105 Resp: 497454
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6

Manual Integrations

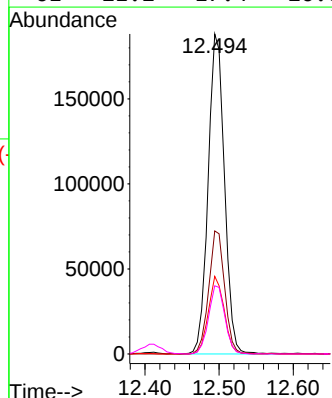
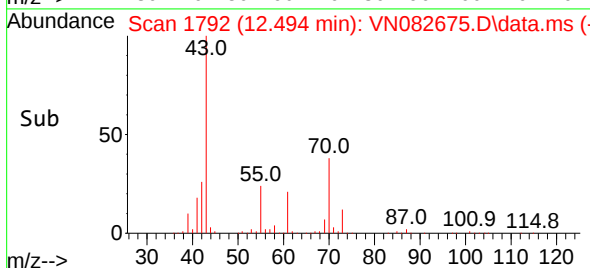
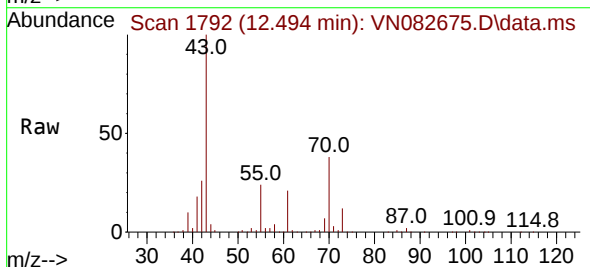
APPROVED

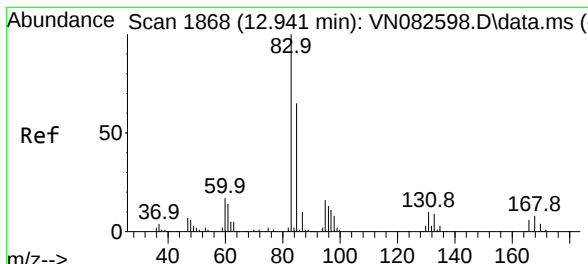
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#74
N-ethyl acetate
Concen: 51.281 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

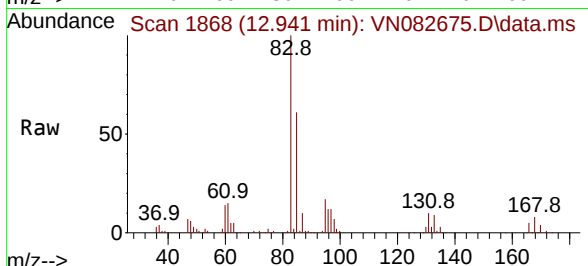
Tgt Ion: 43 Resp: 288137
Ion Ratio Lower Upper
43 100
70 37.4 29.8 44.6
55 23.5 18.7 28.1
61 21.2 17.4 26.0





#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.805 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN082675.D
 Acq: 21 Jun 2024 13:44

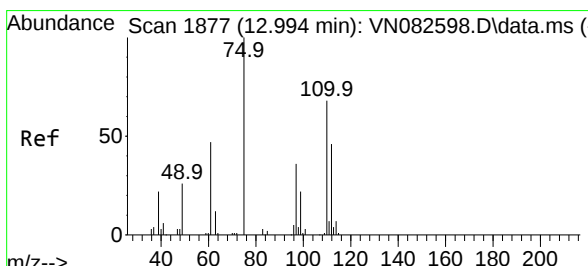
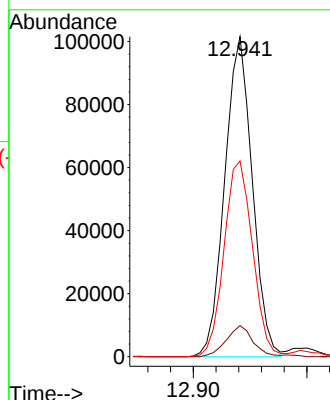
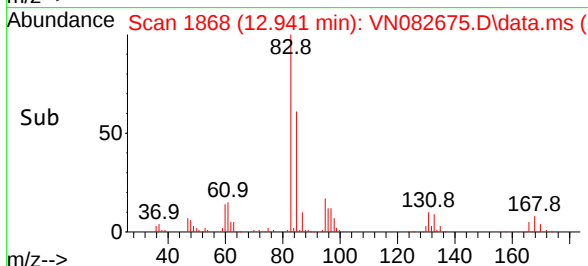
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



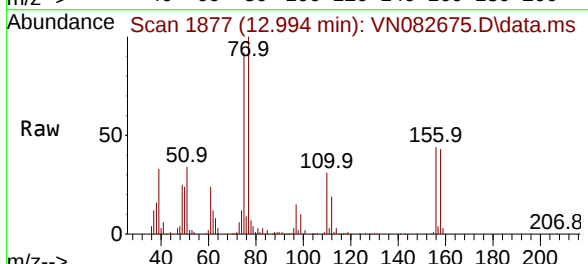
Tgt Ion: 83 Resp: 171039
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.0 14.9
 85 63.3 31.9 95.7

Manual Integrations
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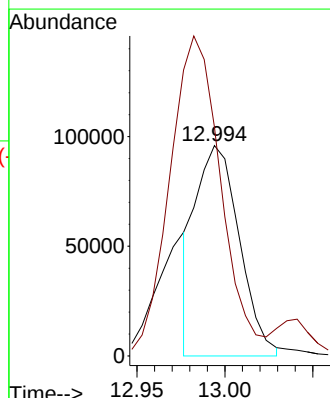
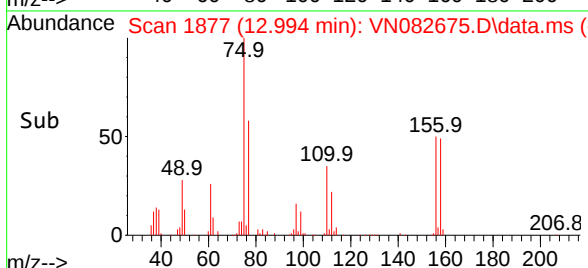
Reviewed By :John Carlone 06/24/2024
 Supervised By :Mahesh Dadoda 06/24/2024

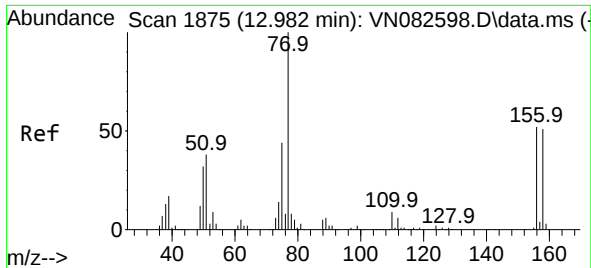


#76
 1,2,3-Trichloropropane
 Concen: 48.849 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN082675.D
 Acq: 21 Jun 2024 13:44



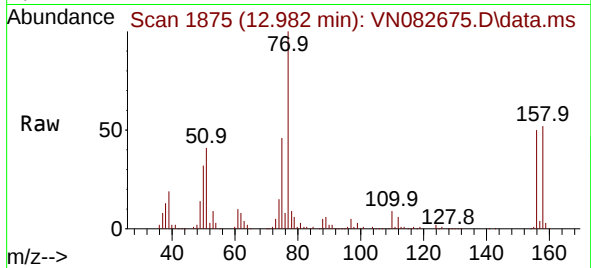
Tgt Ion: 75 Resp: 165652
 Ion Ratio Lower Upper
 75 100
 77 178.8 110.9 332.6





#77
Bromobenzene
Concen: 48.086 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

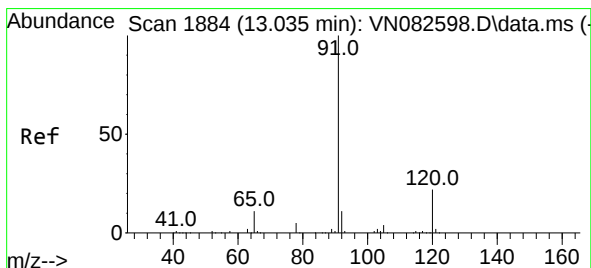
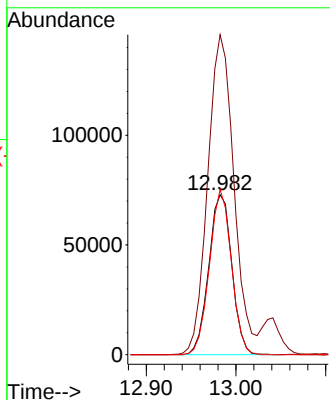
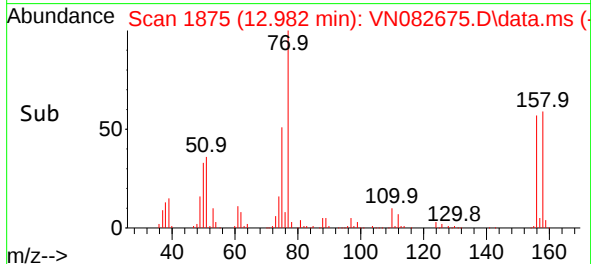
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 13031
Ion Ratio Lower Upper
156 100
77 227.3 111.3 333.8
158 97.9 48.3 144.9

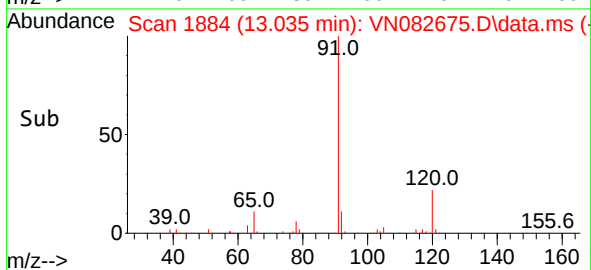
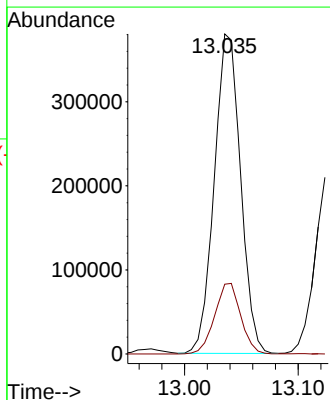
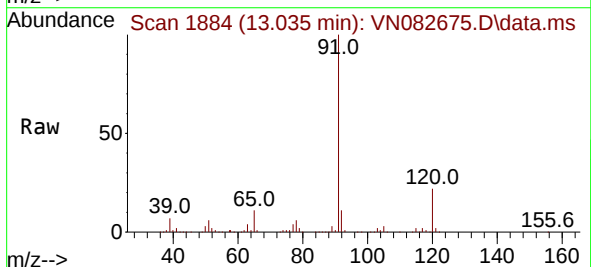
Manual Integrations
APPROVED

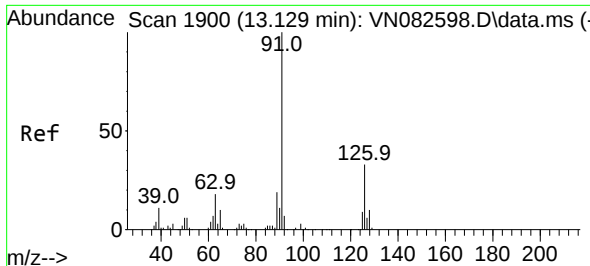
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#78
n-propylbenzene
Concen: 49.104 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Tgt Ion: 91 Resp: 611509
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.9





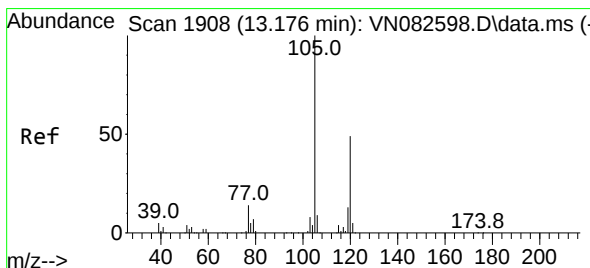
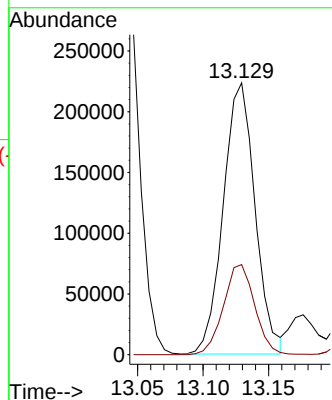
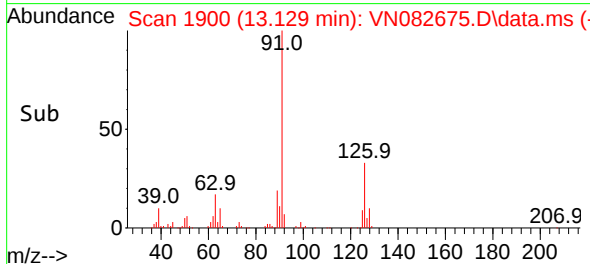
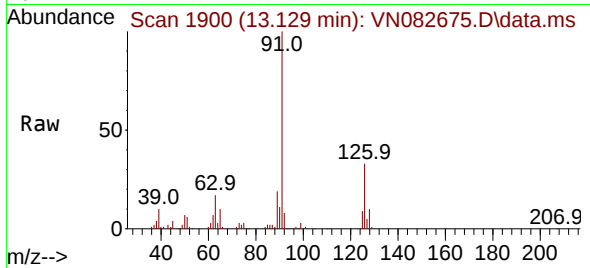
#79
2-Chlorotoluene
Concen: 48.279 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 37704
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6

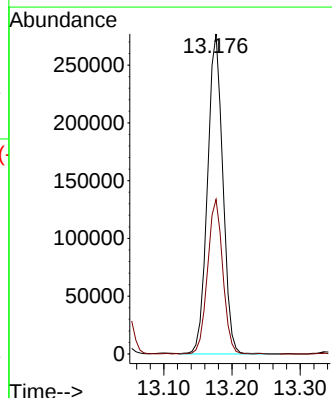
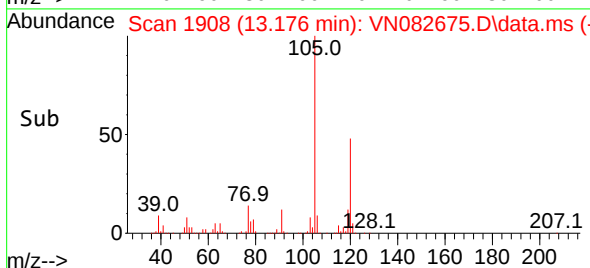
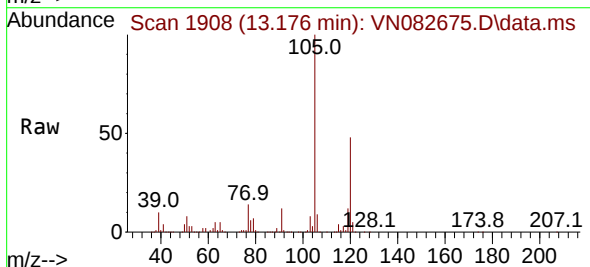
Manual Integrations
APPROVED

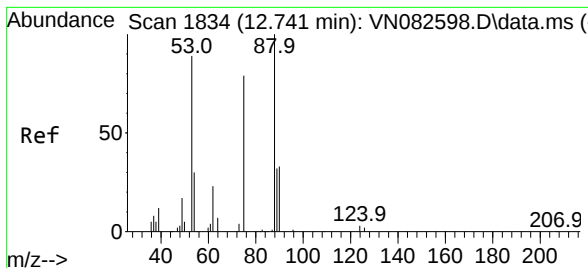
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.638 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

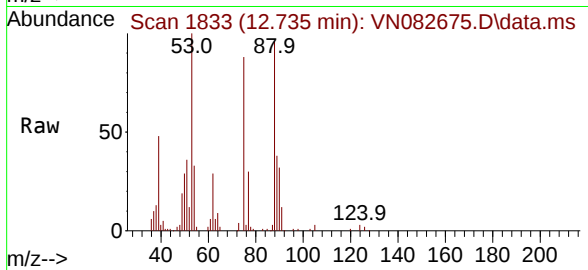
Tgt Ion:105 Resp: 432647
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 43.450 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

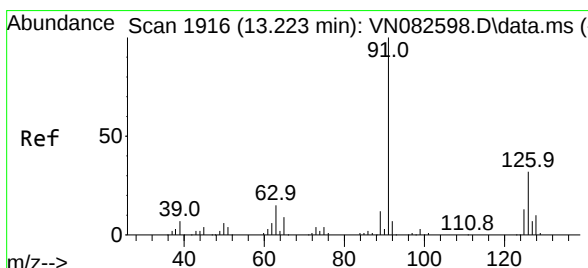
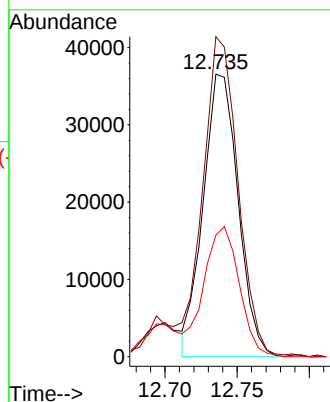
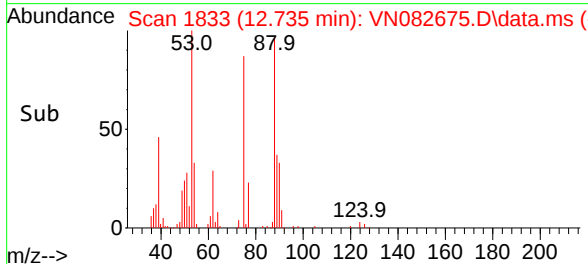
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 6158
Ion Ratio Lower Upper
75 100
53 115.2 88.4 132.6
89 46.8 36.3 54.5

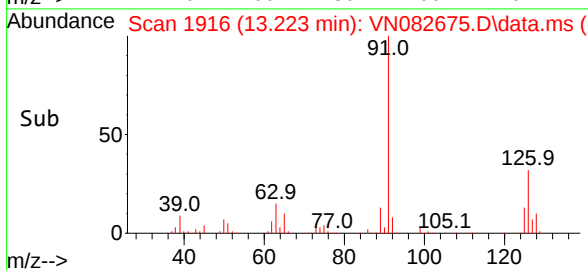
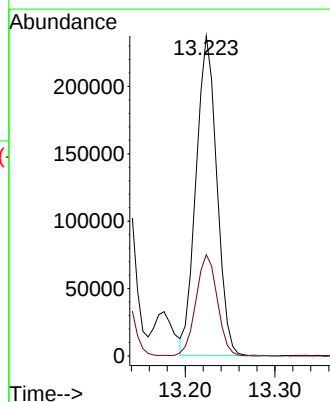
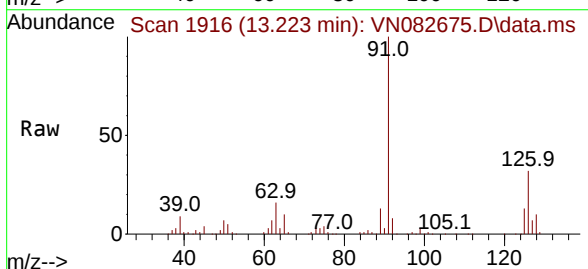
Manual Integrations
APPROVED

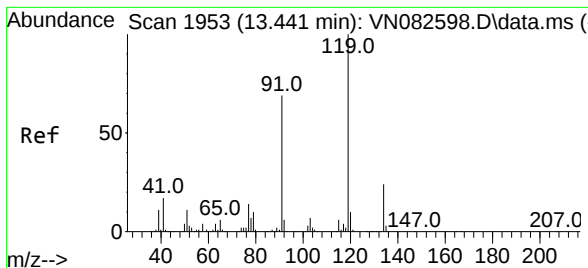
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#82
4-Chlorotoluene
Concen: 48.907 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

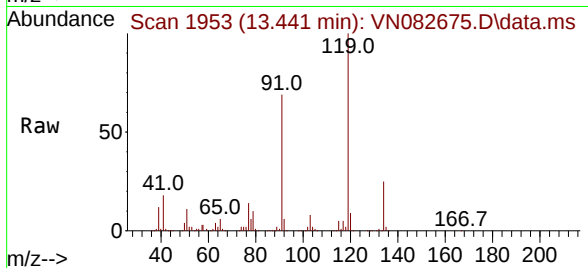
Tgt Ion: 91 Resp: 381552
Ion Ratio Lower Upper
91 100
126 32.5 16.2 48.6





#83
tert-Butylbenzene
Concen: 48.675 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

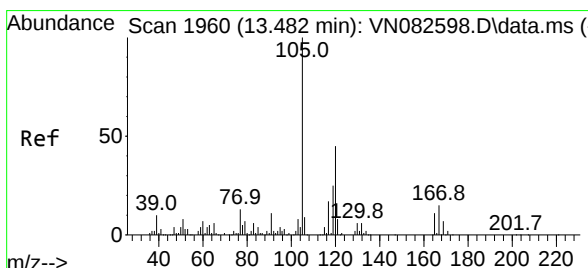
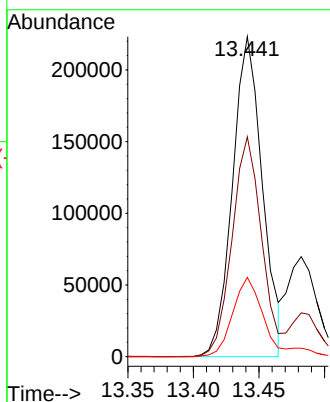
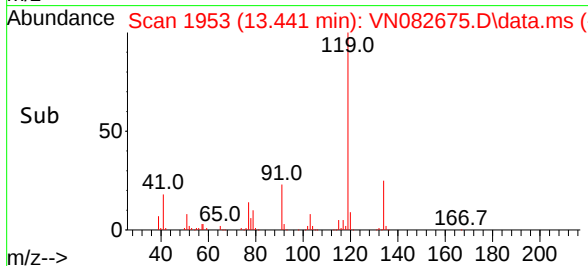
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



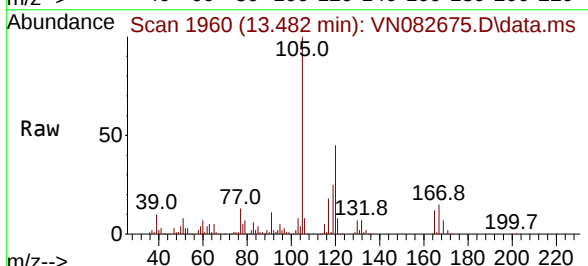
Tgt Ion:119 Resp: 35424
Ion Ratio Lower Upper
119 100
91 69.2 35.0 105.1
134 26.8 13.3 39.8

Manual Integrations
APPROVED

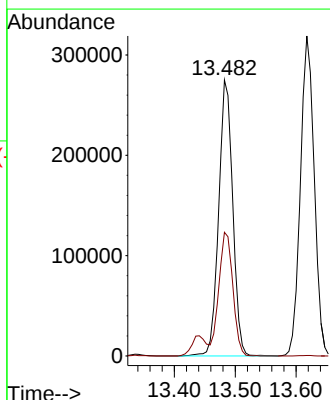
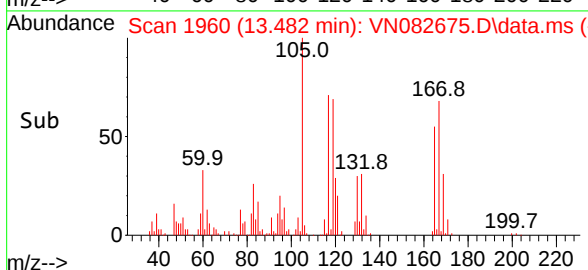
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

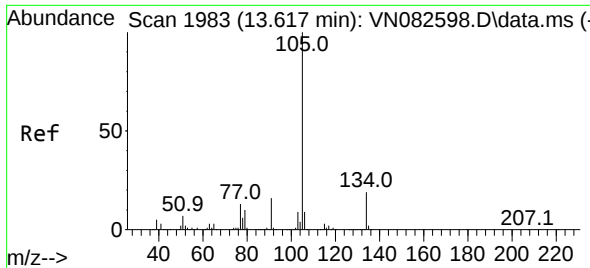


#84
1,2,4-Trimethylbenzene
Concen: 51.433 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44



Tgt Ion:105 Resp: 440820
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.8





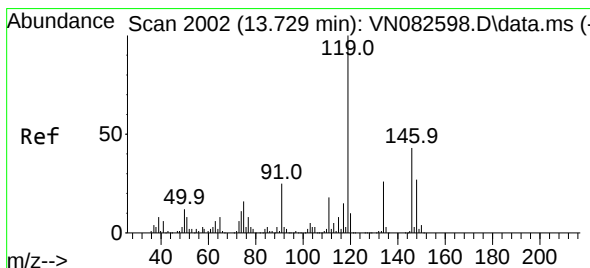
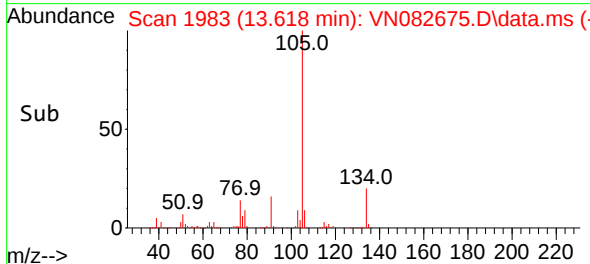
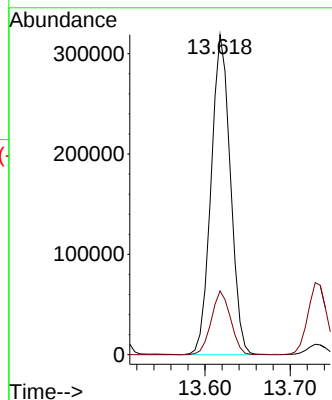
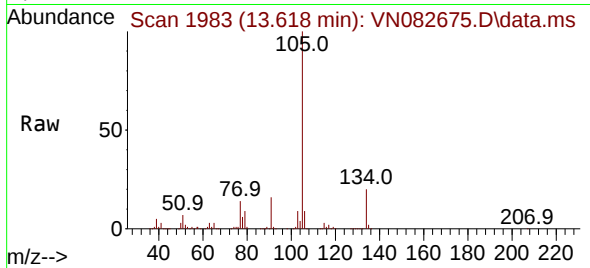
#85
 sec-Butylbenzene
 Concen: 48.667 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082675.D
 Acq: 21 Jun 2024 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 50302
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

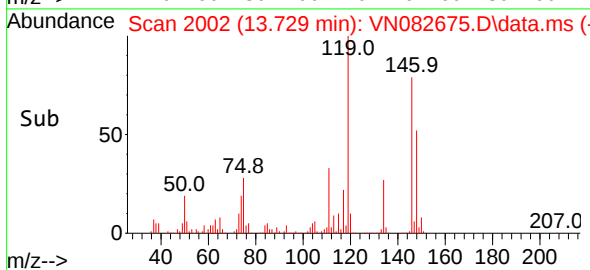
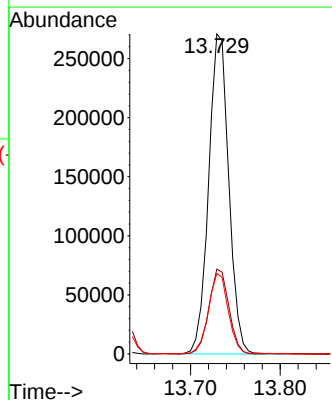
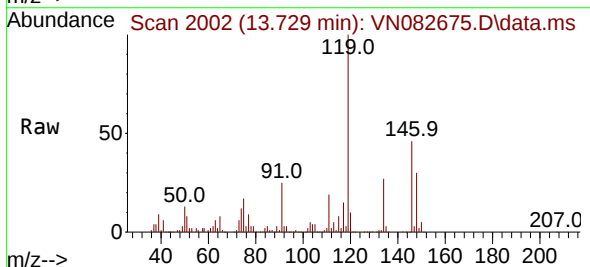
Manual Integrations
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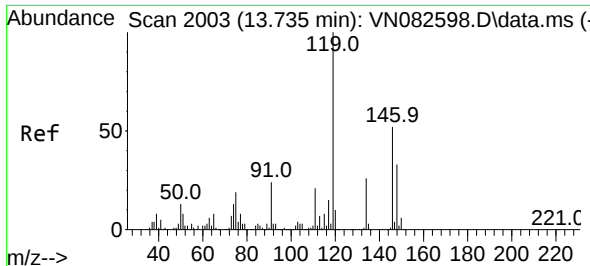
Reviewed By :John Carlone 06/24/2024
 Supervised By :Mahesh Dadoda 06/24/2024



#86
 p-Isopropyltoluene
 Concen: 50.718 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082675.D
 Acq: 21 Jun 2024 13:44

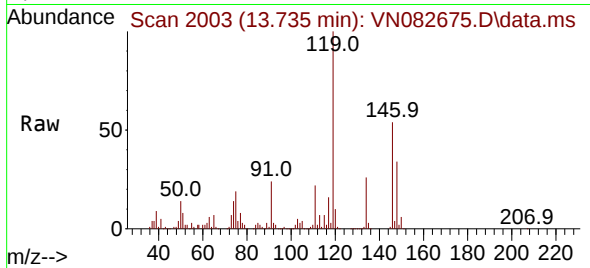
Tgt Ion:119 Resp: 422138
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 24.6 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 49.033 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

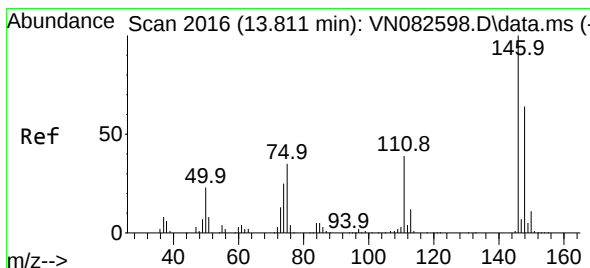
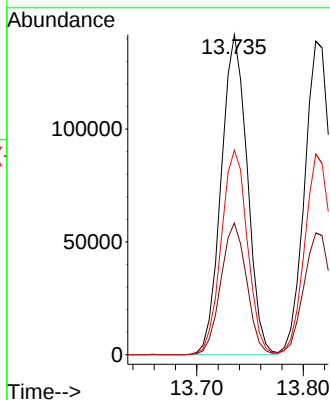
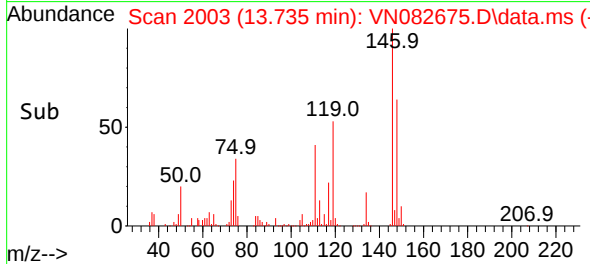
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



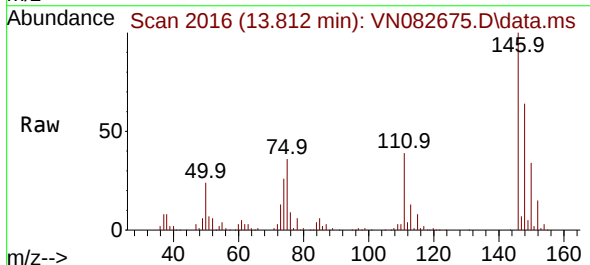
Tgt Ion:146 Resp: 240924
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.9
148 64.3 31.8 95.3

Manual Integrations
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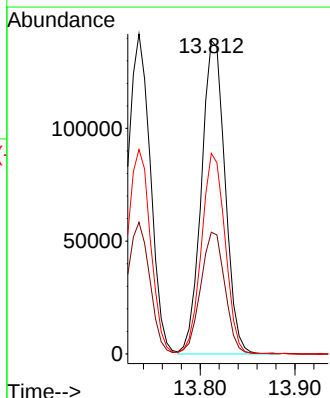
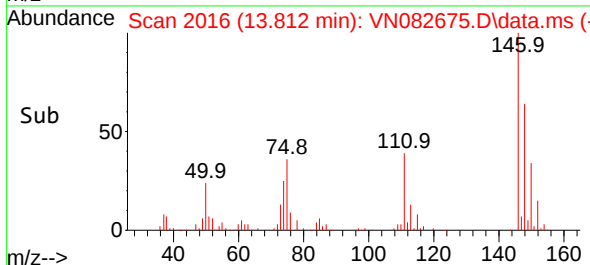
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

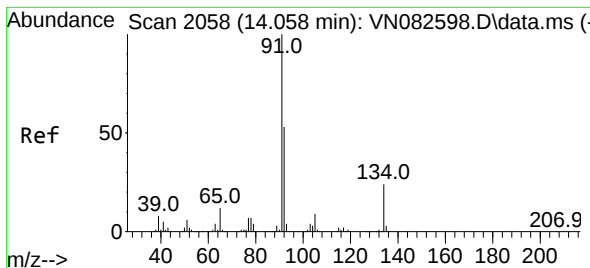


#88
1,4-Dichlorobenzene
Concen: 47.003 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44



Tgt Ion:146 Resp: 241400
Ion Ratio Lower Upper
146 100
111 39.5 20.1 60.3
148 63.8 32.2 96.6





#89

n-Butylbenzene

Concen: 48.756 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

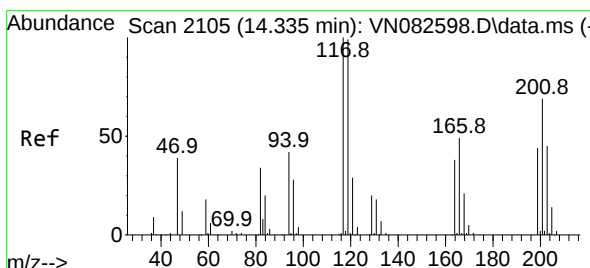
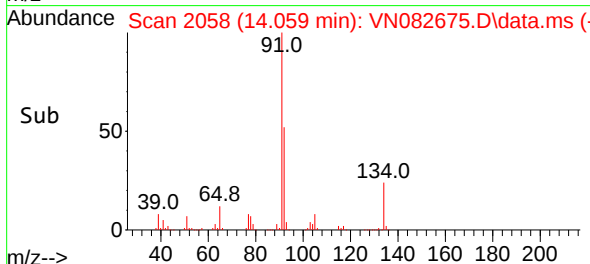
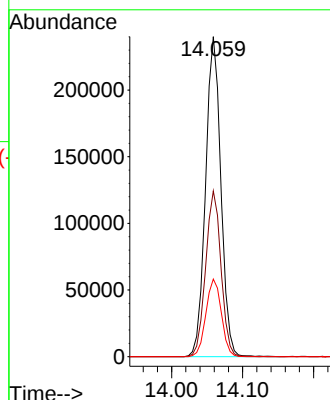
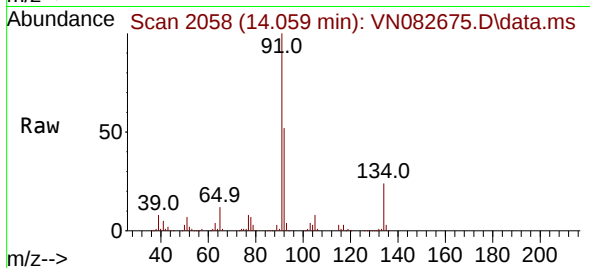
Tgt Ion: 91	Resp: 359970
Ion Ratio	Lower Upper
91	100
92	52.0 26.1 78.3
134	24.5 12.1 36.3

Manual Integrations

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Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#90

Hexachloroethane

Concen: 47.609 ug/l

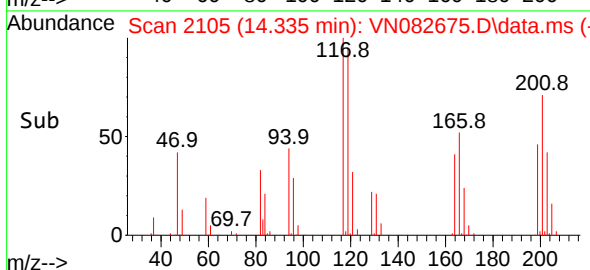
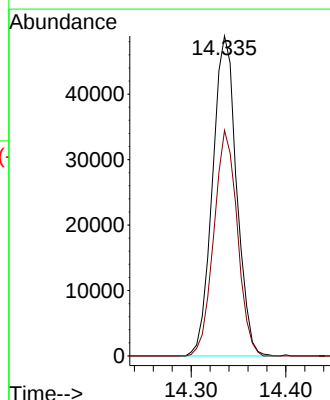
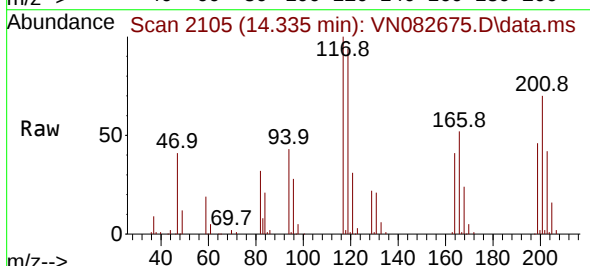
RT: 14.335 min Scan# 2105

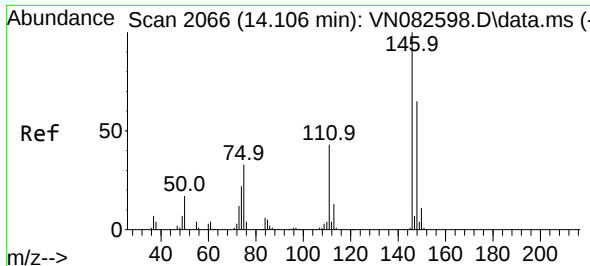
Delta R.T. 0.000 min

Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

Tgt Ion:117	Resp: 86218
Ion Ratio	Lower Upper
117	100
201	68.9 35.8 107.3





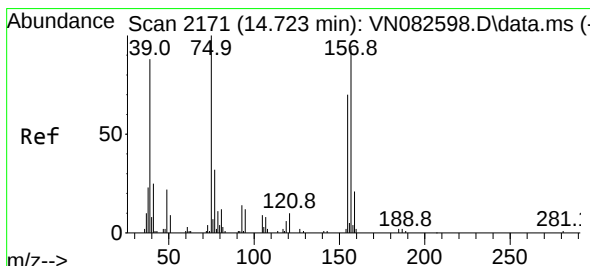
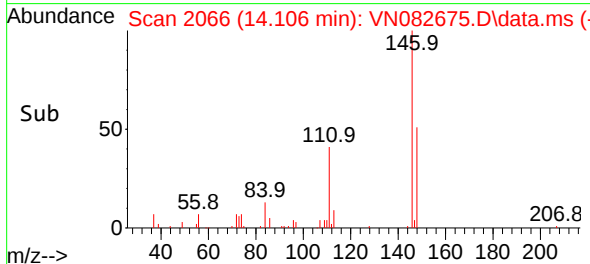
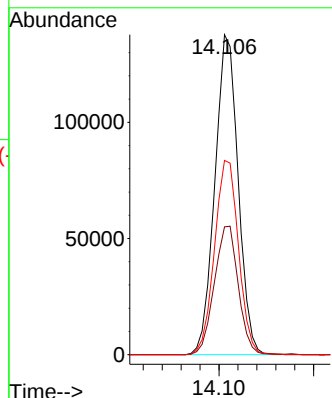
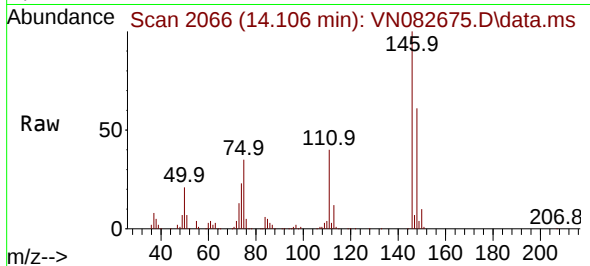
#91
1,2-Dichlorobenzene
Concen: 48.968 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 23493
Ion Ratio Lower Upper
146 100
111 41.4 21.4 64.2
148 62.7 32.1 96.5

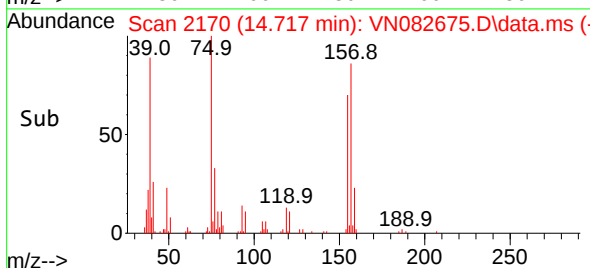
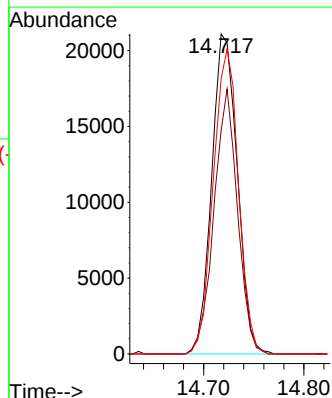
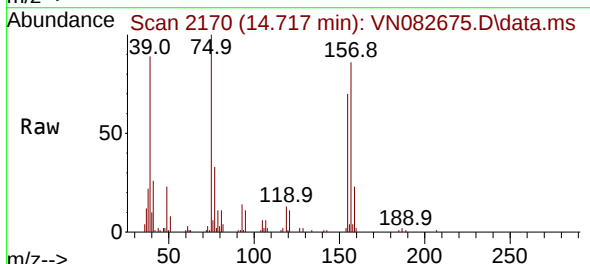
Manual Integrations
APPROVED

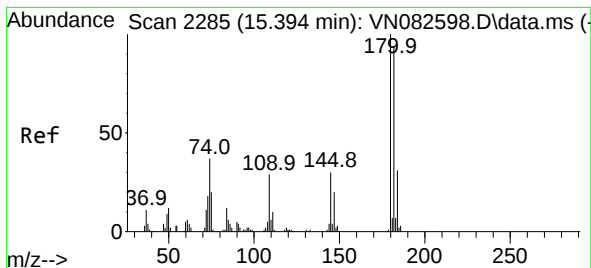
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.437 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082675.D
Acq: 21 Jun 2024 13:44

Tgt Ion: 75 Resp: 37384
Ion Ratio Lower Upper
75 100
155 76.2 36.6 109.8
157 93.9 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 46.049 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 11649

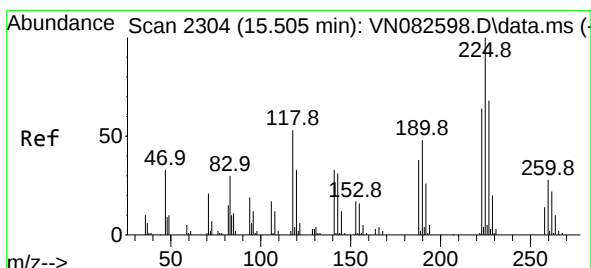
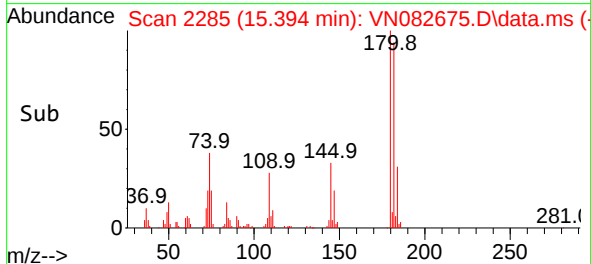
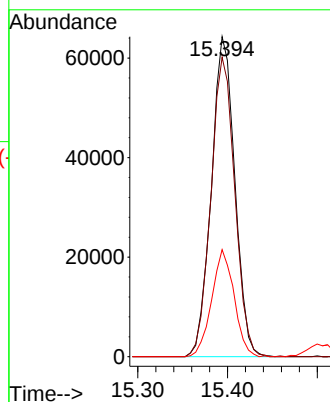
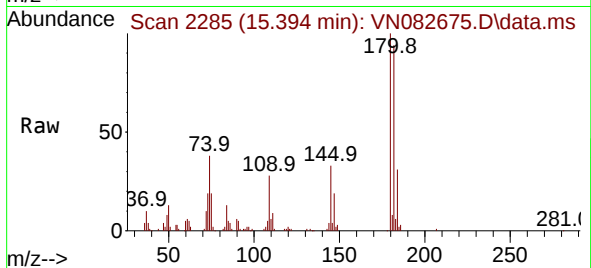
Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	141.8
145	32.0	15.7	47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#94

Hexachlorobutadiene

Concen: 39.048 ug/l

RT: 15.500 min Scan# 2303

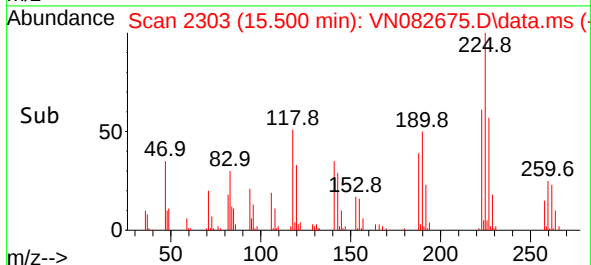
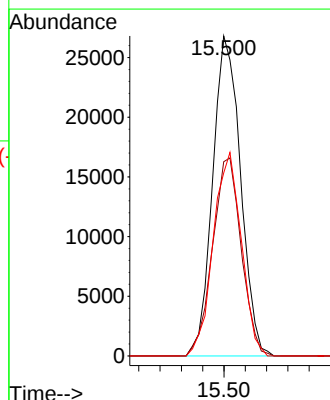
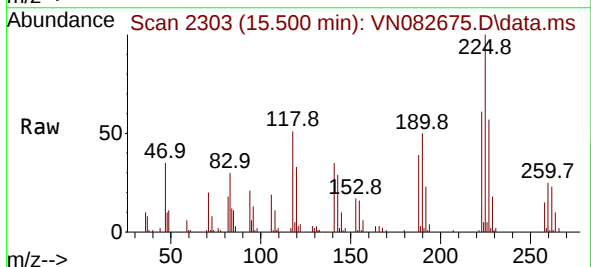
Delta R.T. -0.005 min

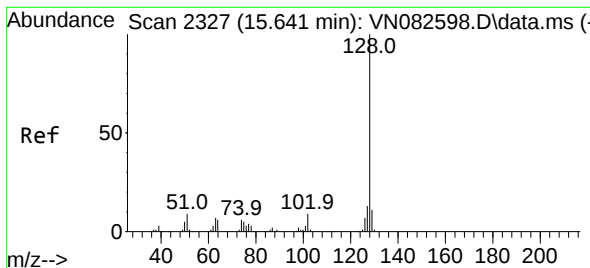
Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

Tgt Ion:225 Resp: 48707

Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.9	95.7
227	64.0	32.5	97.5





#95

Naphthalene

Concen: 52.054 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

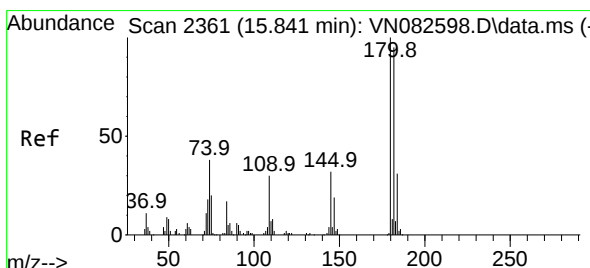
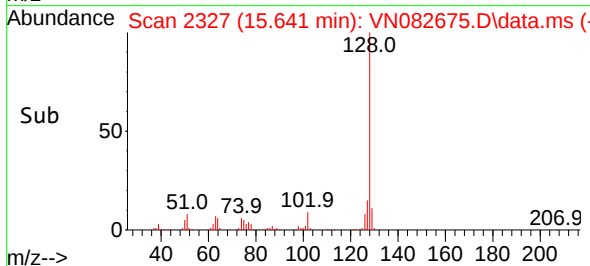
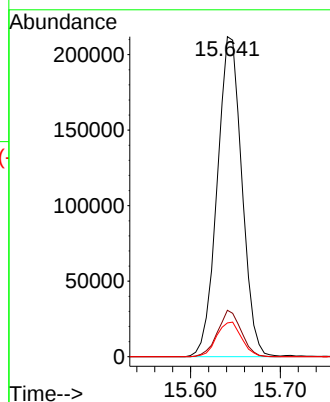
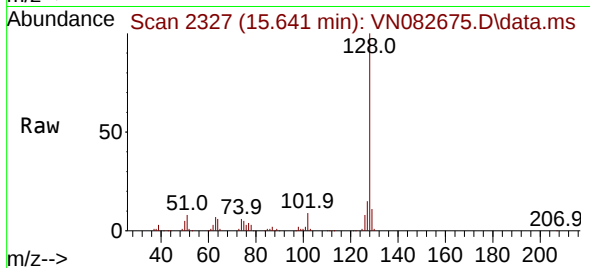
Tgt Ion:	128	Resp:	40514
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.6	16.0
129	10.9	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#96

1,2,3-Trichlorobenzene

Concen: 47.356 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN082675.D

Acq: 21 Jun 2024 13:44

Tgt Ion:	180	Resp:	122091
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.9	146.8
145	33.0	16.8	50.4

