

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062824\
 Data File : VN082741.D
 Acq On : 28 Jun 2024 10:21
 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 07/01/2024
 Supervised By : Mahesh Dadoda 07/01/2024

Quant Time: Jun 28 23:01:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	115527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	200701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	187794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	88696	49.784	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.560%			
35) Dibromofluoromethane	8.165	113	69011	52.225	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.460%			
50) Toluene-d8	10.565	98	261024	52.820	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.640%			
62) 4-Bromofluorobenzene	12.847	95	90240	53.173	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 106.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	81630	46.286	ug/l	96
3) Chloromethane	2.359	50	81590	44.201	ug/l	97
4) Vinyl Chloride	2.512	62	86138	44.040	ug/l	98
5) Bromomethane	2.954	94	53082	38.146	ug/l	95
6) Chloroethane	3.118	64	56504	40.957	ug/l	97
7) Trichlorofluoromethane	3.495	101	110659	45.642	ug/l	93
8) Diethyl Ether	3.959	74	36973	48.759	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	63992	46.264	ug/l	98
10) Methyl Iodide	4.595	142	65065	51.301	ug/l	95
11) Tert butyl alcohol	5.518	59	57460	201.914	ug/l	99
12) 1,1-Dichloroethene	4.342	96	59113	45.815	ug/l	95
13) Acrolein	4.183	56	43285	250.032	ug/l	98
14) Allyl chloride	5.024	41	103890	53.590	ug/l	90
15) Acrylonitrile	5.718	53	166103	219.427	ug/l	100
16) Acetone	4.424	43	144610	214.236	ug/l	98
17) Carbon Disulfide	4.712	76	180164	42.634	ug/l	99
18) Methyl Acetate	5.024	43	75022	41.808	ug/l	92
19) Methyl tert-butyl Ether	5.795	73	205707	48.085	ug/l	99
20) Methylene Chloride	5.277	84	69611	40.755	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	65232	46.852	ug/l	93
22) Diisopropyl ether	6.671	45	223588	49.575	ug/l	95
23) Vinyl Acetate	6.606	43	904572	251.197	ug/l	96
24) 1,1-Dichloroethane	6.571	63	128859	47.061	ug/l	98
25) 2-Butanone	7.483	43	233816	226.728	ug/l	93
26) 2,2-Dichloropropane	7.489	77	116783	66.478	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	78419	47.870	ug/l	93
28) Bromochloromethane	7.812	49	61747	51.558	ug/l	89
29) Tetrahydrofuran	7.841	42	149810	225.283	ug/l	90
30) Chloroform	7.965	83	133082	45.589	ug/l	99
31) Cyclohexane	8.259	56	112754	44.917	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	119272	46.277	ug/l	97
36) 1,1-Dichloropropene	8.371	75	95277	50.164	ug/l	99
37) Ethyl Acetate	7.559	43	94336	45.955	ug/l	96
38) Carbon Tetrachloride	8.365	117	105468	47.478	ug/l	100
39) Methylcyclohexane	9.600	83	107313	54.420	ug/l	91
40) Benzene	8.606	78	296173	47.534	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	51367	48.529	ug/l	94
42) 1,2-Dichloroethane	8.671	62	102917	45.998	ug/l	97
43) Isopropyl Acetate	8.688	43	163064	45.570	ug/l #	94
44) Trichloroethene	9.353	130	67129	46.404	ug/l	97
45) 1,2-Dichloropropane	9.618	63	72569	48.056	ug/l	99
46) Dibromomethane	9.712	93	51784	46.948	ug/l	99
47) Bromodichloromethane	9.888	83	107728	47.931	ug/l	99
48) Methyl methacrylate	9.682	41	74276	47.016	ug/l #	89
49) 1,4-Dioxane	9.694	88	29846	946.654	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	492795	234.705	ug/l	95
52) Toluene	10.629	92	187023	51.117	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	112069	52.720	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	118632	53.081	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	68547	48.317	ug/l	98
56) Ethyl methacrylate	10.877	69	110013	51.559	ug/l	87
57) 1,3-Dichloropropane	11.165	76	120217	48.210	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	278405	258.990	ug/l	97
59) 2-Hexanone	11.194	43	376604	241.902	ug/l	94
60) Dibromochloromethane	11.359	129	81930	47.617	ug/l	100
61) 1,2-Dibromoethane	11.471	107	69864	46.870	ug/l	99
64) Tetrachloroethene	11.106	164	65710	46.710	ug/l	96
65) Chlorobenzene	11.894	112	202460	48.060	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	71781	49.032	ug/l	99
67) Ethyl Benzene	11.965	91	349002	50.200	ug/l	97
68) m/p-Xylenes	12.071	106	273457	105.712	ug/l	98
69) o-Xylene	12.400	106	130363	52.292	ug/l	95
70) Styrene	12.412	104	225509	53.282	ug/l	99
71) Bromoform	12.576	173	55371	48.363	ug/l #	99
73) Isopropylbenzene	12.694	105	334824	50.232	ug/l	100
74) N-amyl acetate	12.494	43	143561	48.255	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	94338	40.339	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	86668m	43.475	ug/l	
77) Bromobenzene	12.982	156	81473	49.185	ug/l	95
78) n-propylbenzene	13.035	91	396430	50.369	ug/l	98
79) 2-Chlorotoluene	13.123	91	236140	47.874	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	281010	51.322	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	39085	51.131	ug/l	98
82) 4-Chlorotoluene	13.223	91	238932	49.090	ug/l	98
83) tert-Butylbenzene	13.441	119	234906	50.979	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	285890	52.826	ug/l	98
85) sec-Butylbenzene	13.618	105	335543	51.970	ug/l	99
86) p-Isopropyltoluene	13.729	119	279988	54.125	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	152212	47.988	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	147300	44.618	ug/l	99
89) n-Butylbenzene	14.059	91	237781	51.909	ug/l	99
90) Hexachloroethane	14.335	117	54917	47.811	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	142935	47.449	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	19996	45.384	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	73437	49.936	ug/l	99
94) Hexachlorobutadiene	15.506	225	30436	45.755	ug/l	99
95) Naphthalene	15.641	128	246478	50.463	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	74745	47.660	ug/l	97

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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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ClientSampleId :

VSTDCCC050

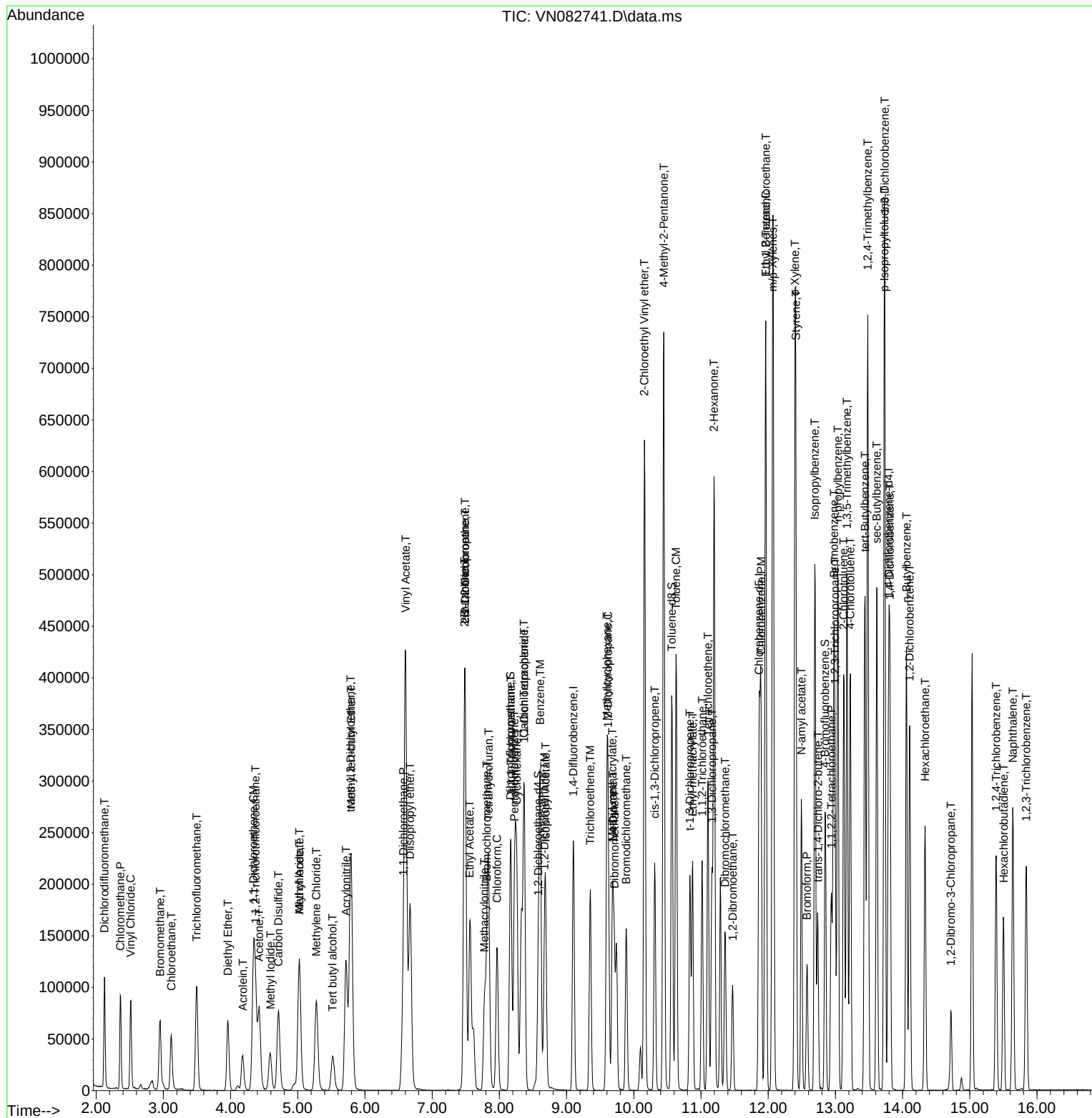
Manual Integrations

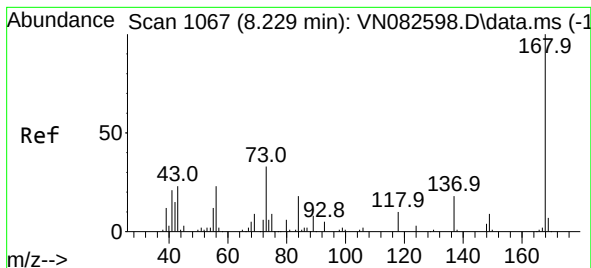
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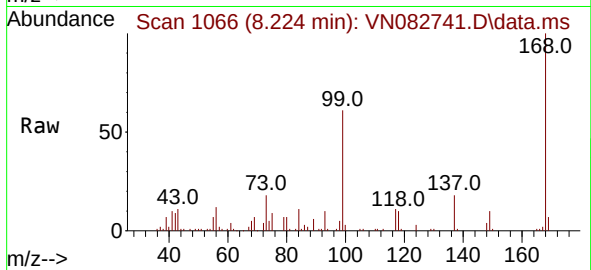
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082741.D
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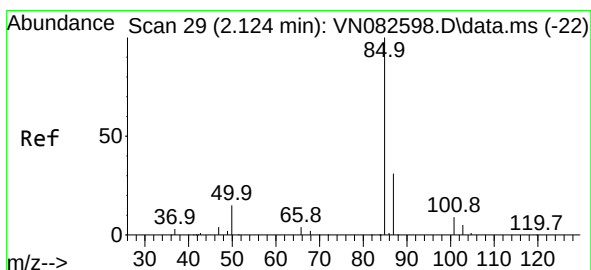
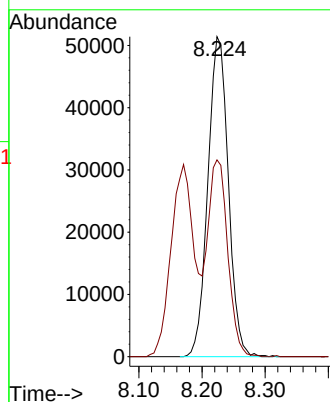
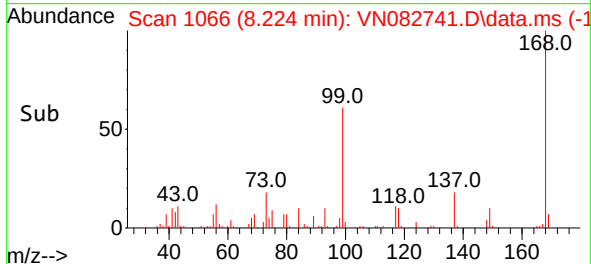
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 11552
Ion Ratio Lower Upper
168 100
99 61.5 48.2 72.4

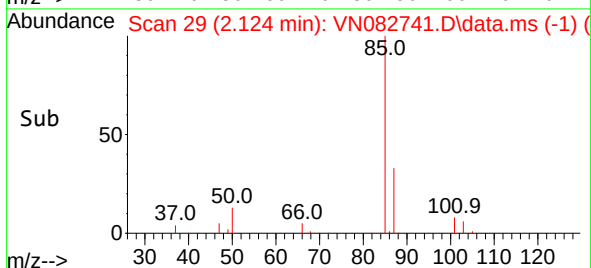
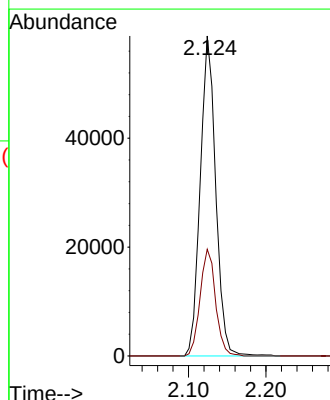
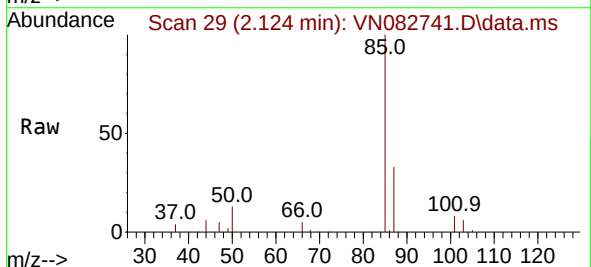
Manual Integrations
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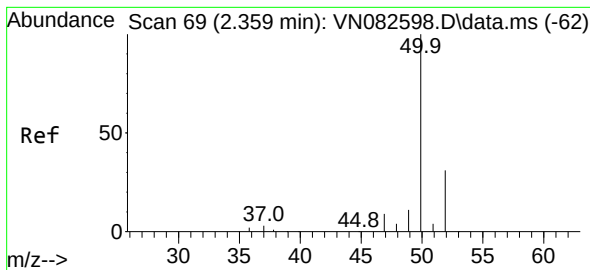
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#2
Dichlorodifluoromethane
Concen: 46.286 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

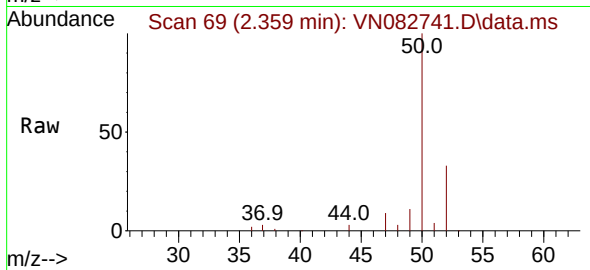
Tgt Ion: 85 Resp: 81630
Ion Ratio Lower Upper
85 100
87 33.3 15.7 47.0





#3
Chloromethane
Concen: 44.201 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

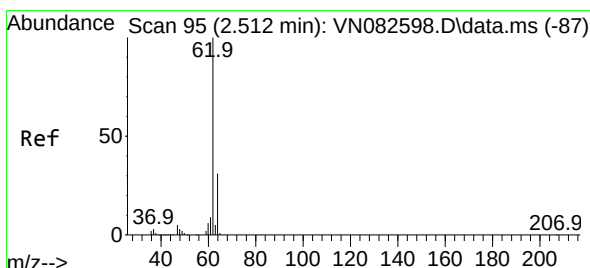
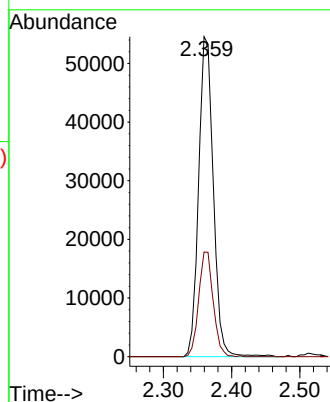
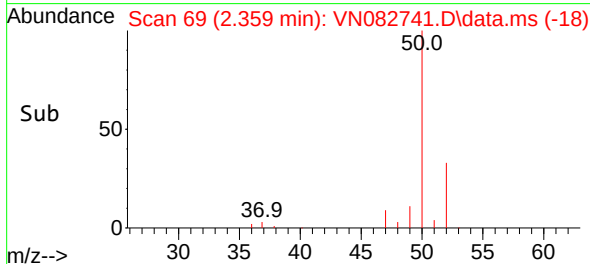
Instrument :
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Tgt Ion: 50 Resp: 81590
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4

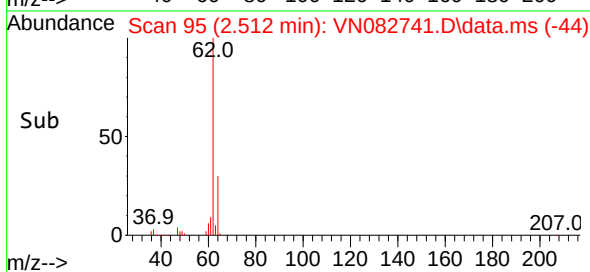
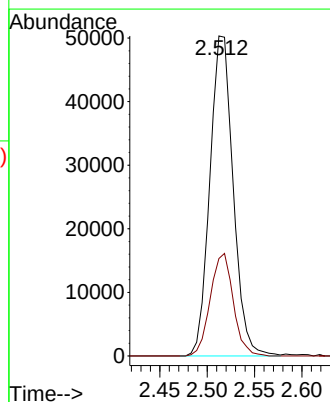
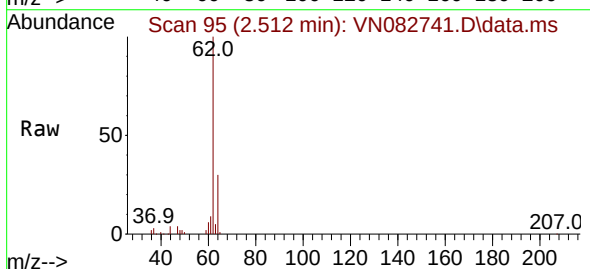
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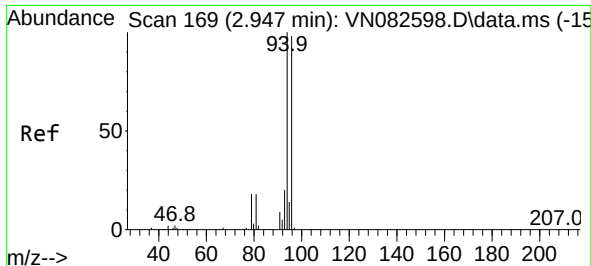
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#4
Vinyl Chloride
Concen: 44.040 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

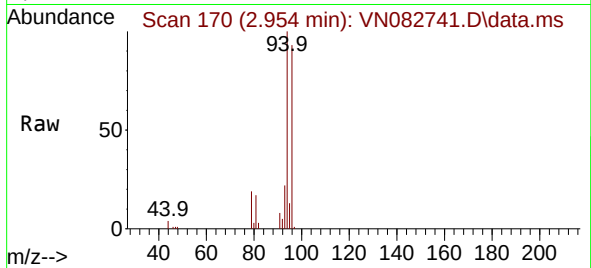
Tgt Ion: 62 Resp: 86138
Ion Ratio Lower Upper
62 100
64 30.4 25.0 37.6





#5
Bromomethane
Concen: 38.146 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082741.D
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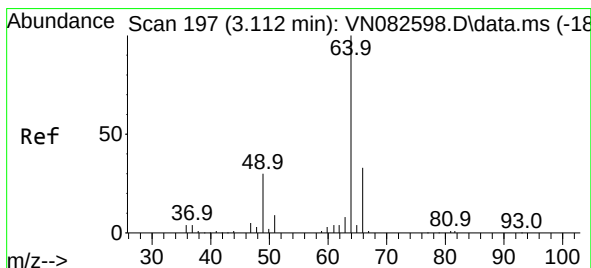
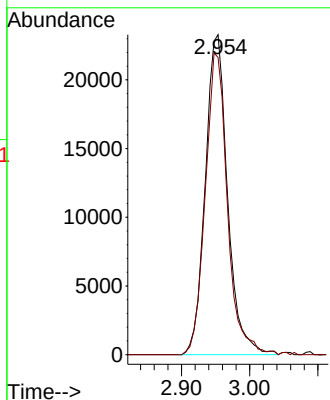
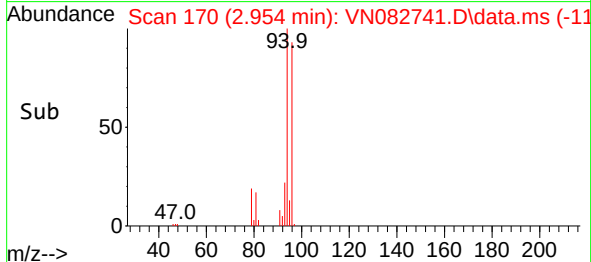
Instrument :
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Tgt Ion: 94 Resp: 5308
Ion Ratio Lower Upper
94 100
96 92.9 78.0 117.0

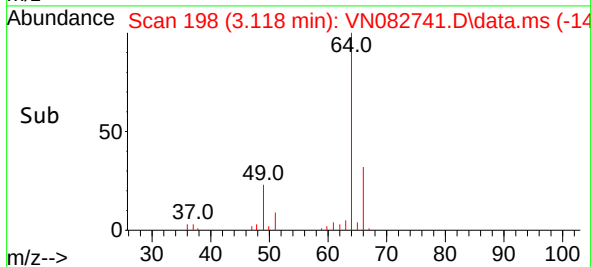
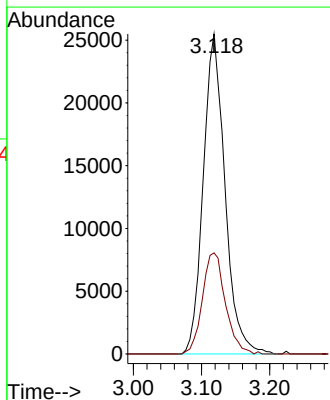
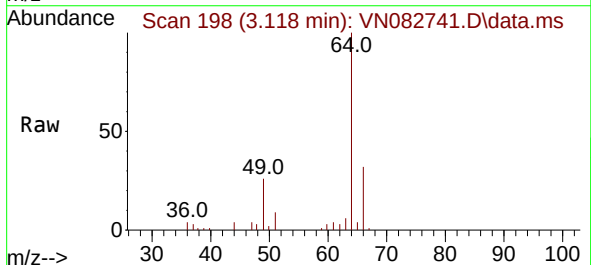
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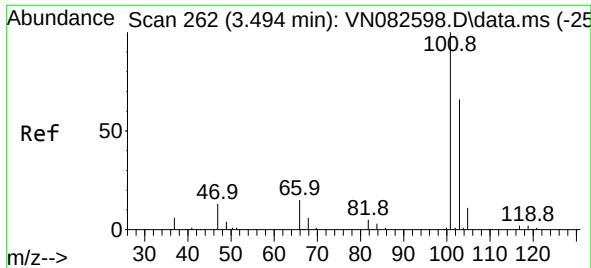
Reviewed By :John Carlone 07/01/2024
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#6
Chloroethane
Concen: 40.957 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

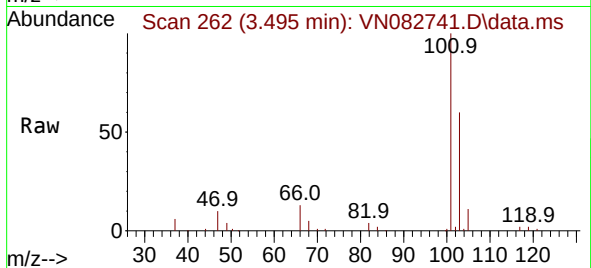
Tgt Ion: 64 Resp: 56504
Ion Ratio Lower Upper
64 100
66 31.6 26.6 40.0





#7
Trichlorofluoromethane
Concen: 45.642 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.001 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

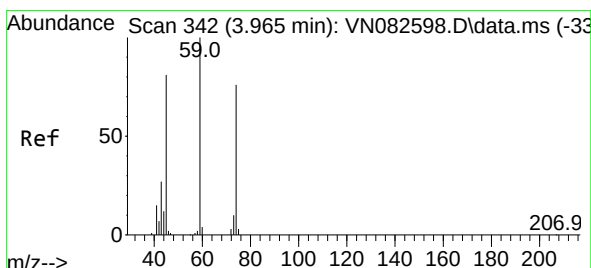
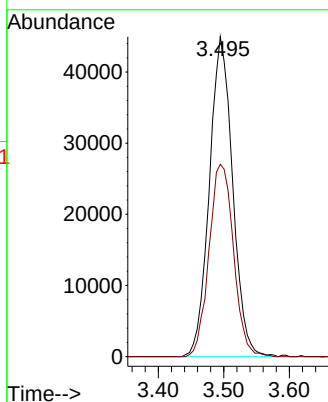
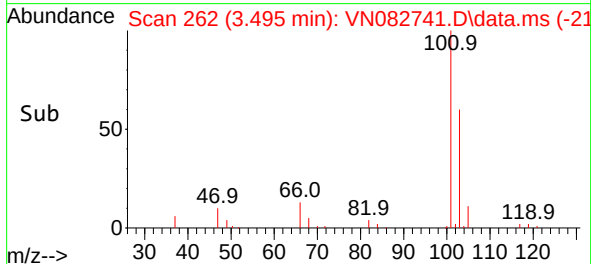
Instrument :
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Tgt Ion:101 Resp: 110659
Ion Ratio Lower Upper
101 100
103 60.1 52.7 79.1

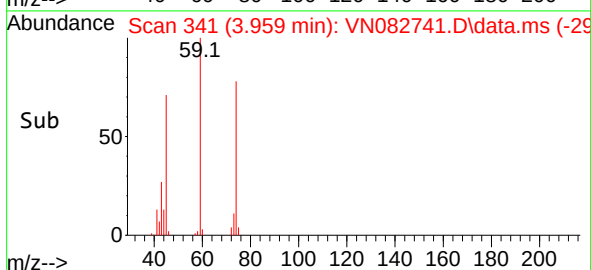
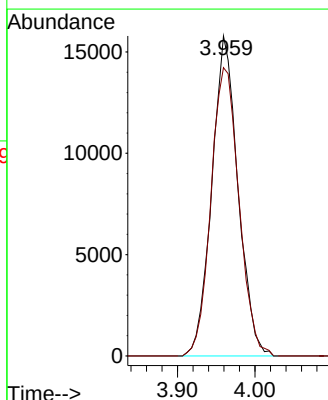
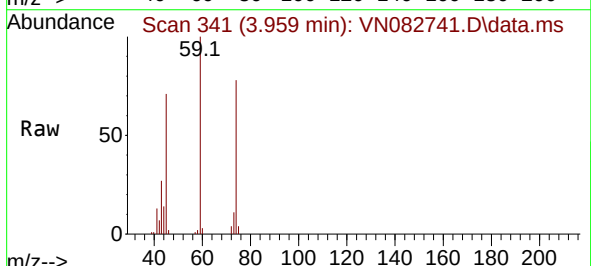
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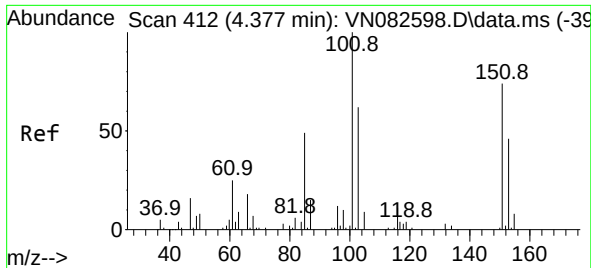
Reviewed By :John Carlone 07/01/2024
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#8
Diethyl Ether
Concen: 48.759 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

Tgt Ion: 74 Resp: 36973
Ion Ratio Lower Upper
74 100
45 96.8 55.5 166.3





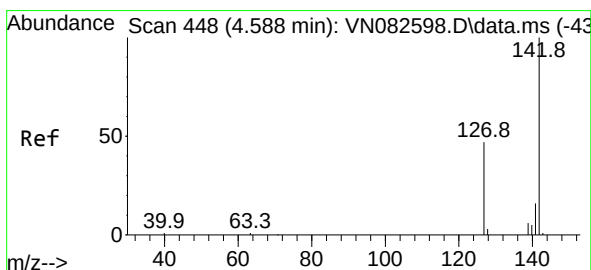
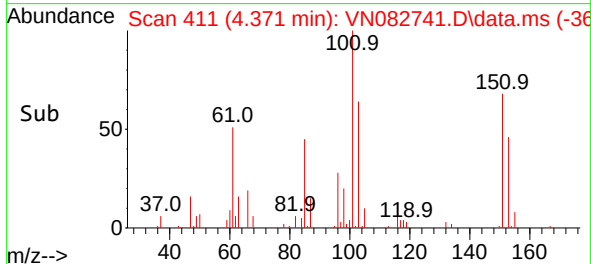
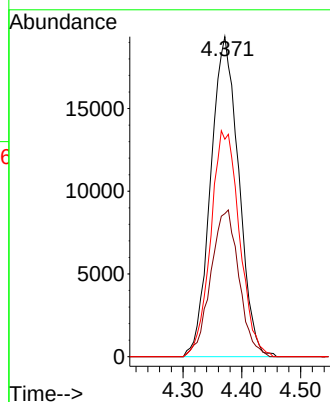
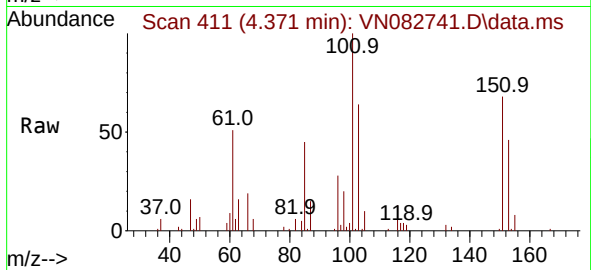
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.264 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 63992
Ion Ratio Lower Upper
101 100
85 46.3 38.3 57.5
151 72.5 59.3 88.9

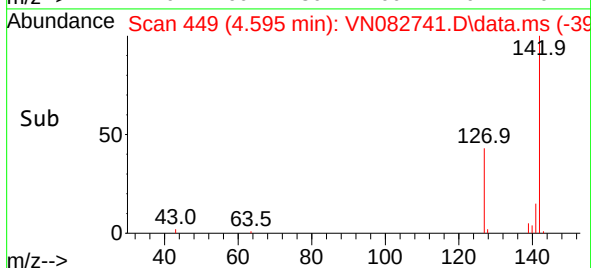
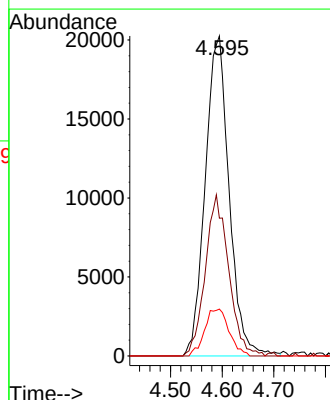
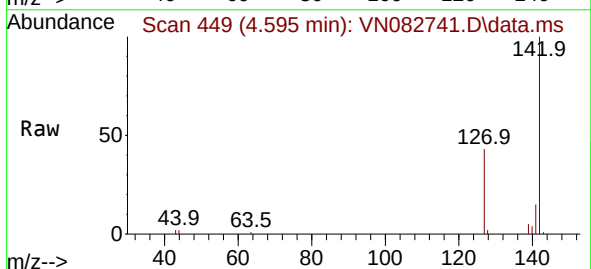
Manual Integrations
APPROVED

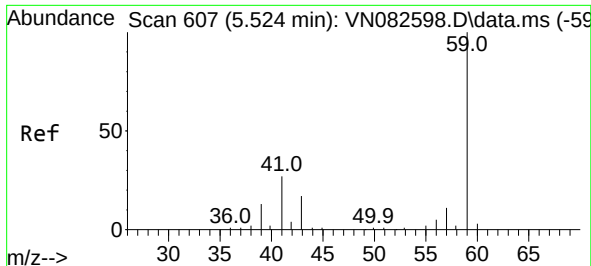
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#10
Methyl Iodide
Concen: 51.301 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.007 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

Tgt Ion:142 Resp: 65065
Ion Ratio Lower Upper
142 100
127 43.1 37.5 56.3
141 14.6 13.1 19.7





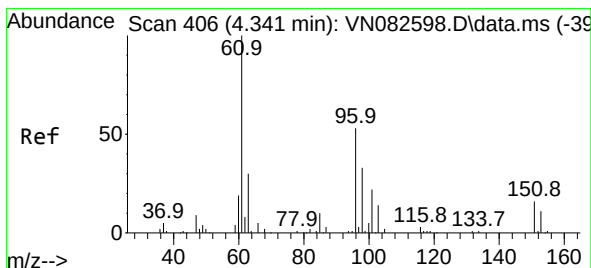
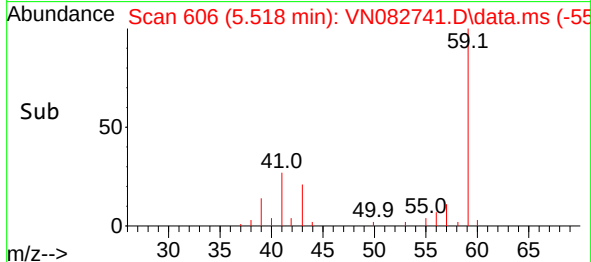
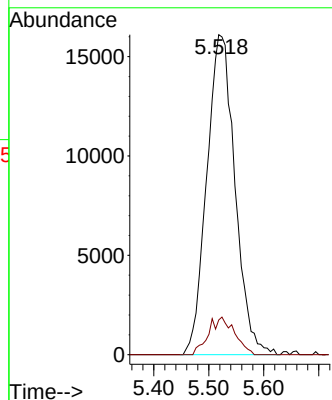
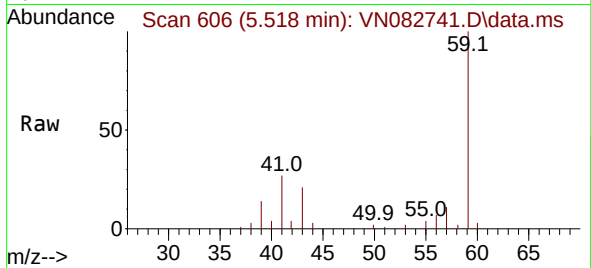
#11
Tert butyl alcohol
Concen: 201.914 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 57460
Ion Ratio Lower Upper
59 100
57 10.9 8.9 13.3

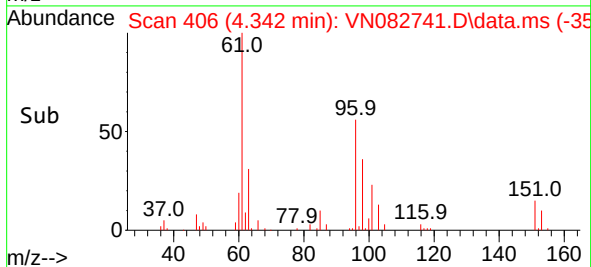
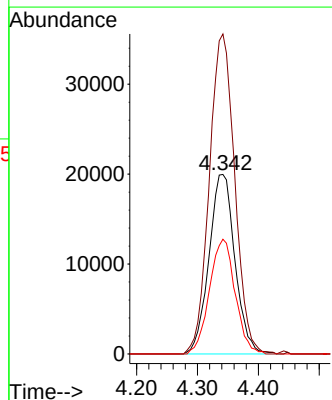
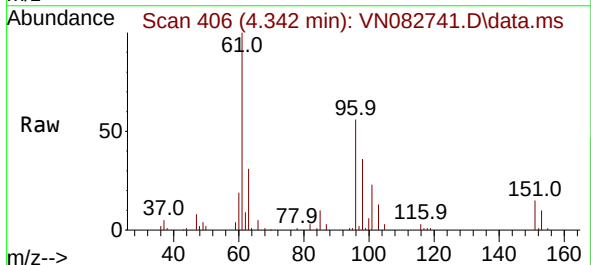
Manual Integrations
APPROVED

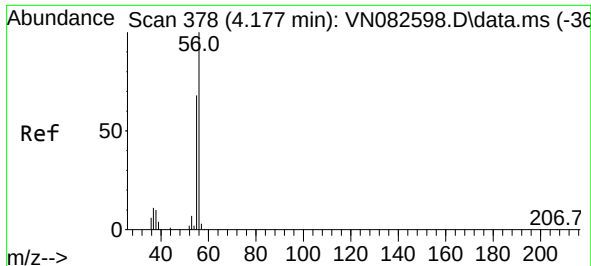
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#12
1,1-Dichloroethene
Concen: 45.815 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

Tgt Ion: 96 Resp: 59113
Ion Ratio Lower Upper
96 100
61 178.3 149.7 224.5
98 63.9 50.1 75.1





#13

Acrolein

Concen: 250.032 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082741.D

Acq: 28 Jun 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 4328

Ion Ratio Lower Upper

56 100

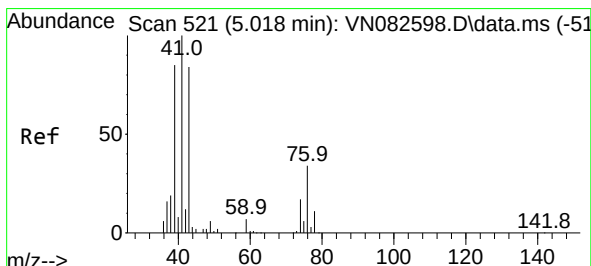
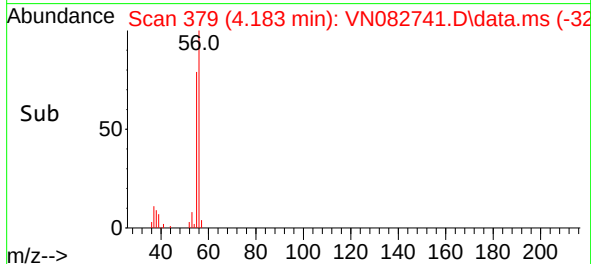
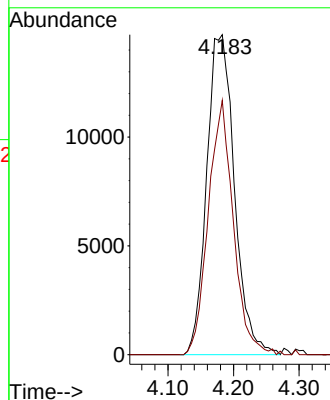
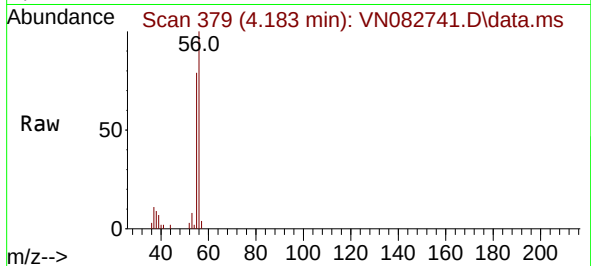
55 71.7 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#14

Allyl chloride

Concen: 53.590 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN082741.D

Acq: 28 Jun 2024 10:21

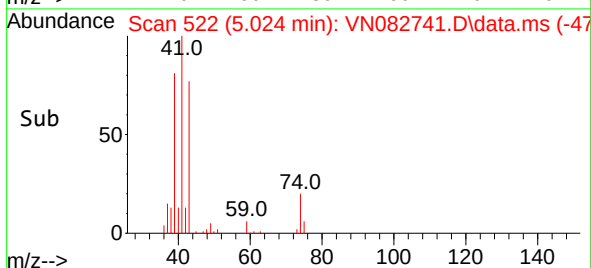
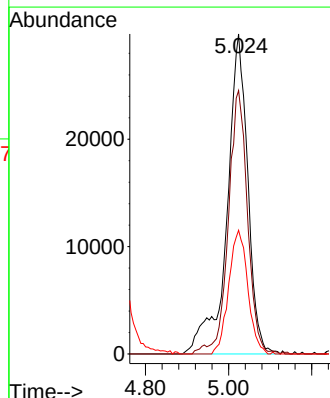
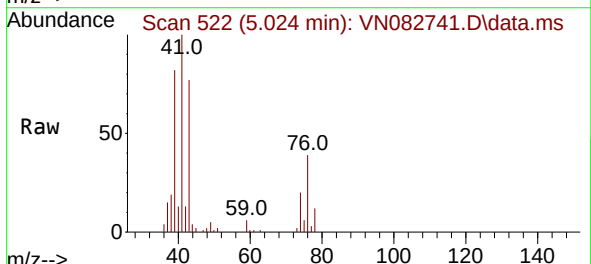
Tgt Ion: 41 Resp: 103890

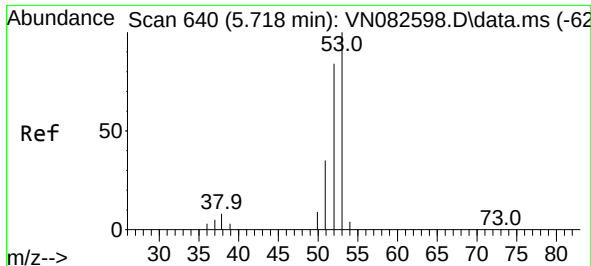
Ion Ratio Lower Upper

41 100

39 74.3 67.8 101.6

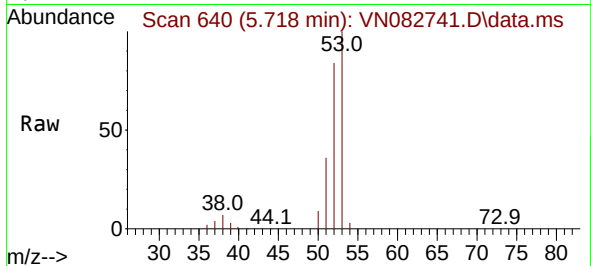
76 35.3 25.8 38.8





#15
Acrylonitrile
Concen: 219.427 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

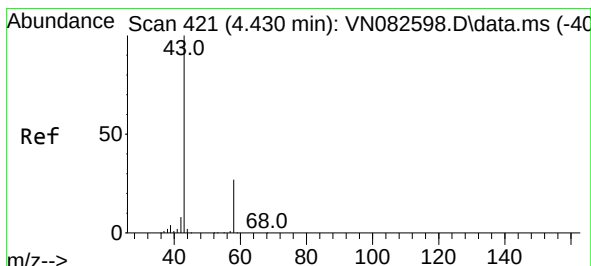
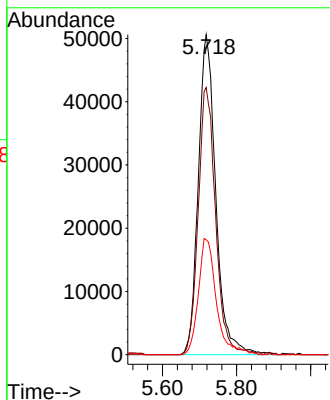
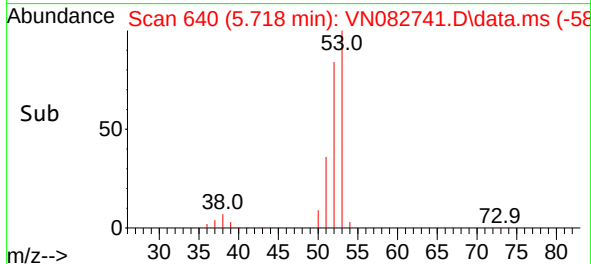
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 16610
Ion Ratio Lower Upper
53 100
52 82.9 66.6 100.0
51 37.3 30.1 45.1

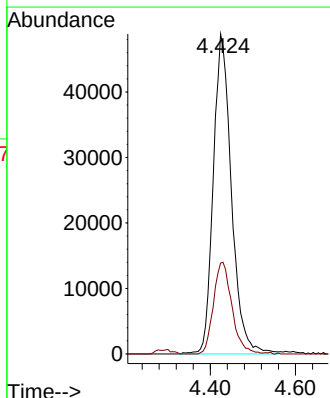
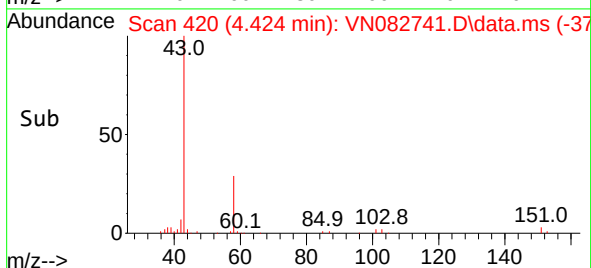
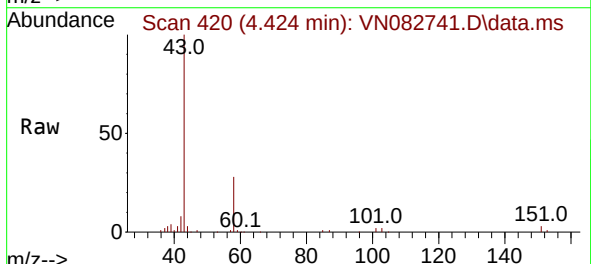
Manual Integrations
APPROVED

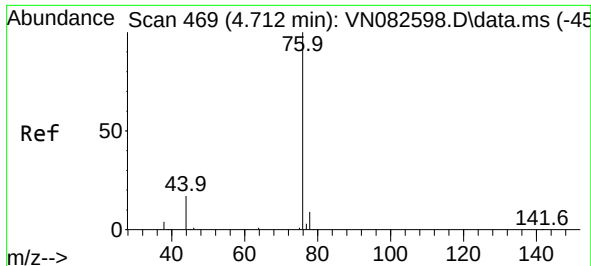
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#16
Acetone
Concen: 214.236 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

Tgt Ion: 43 Resp: 144610
Ion Ratio Lower Upper
43 100
58 28.1 21.8 32.6





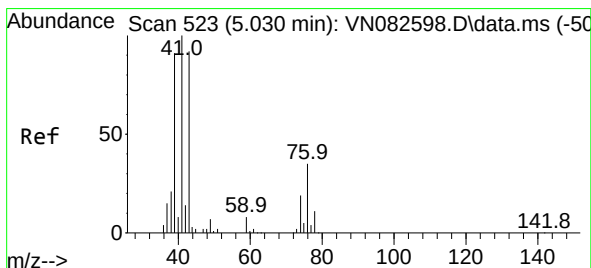
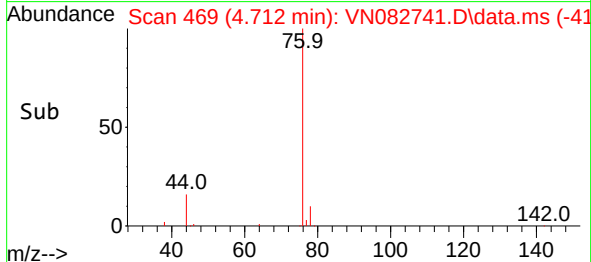
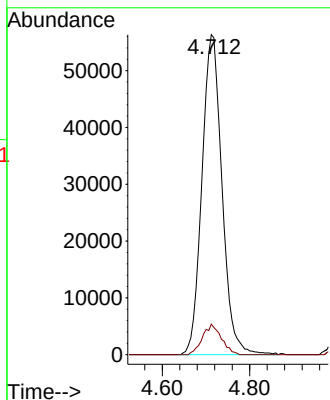
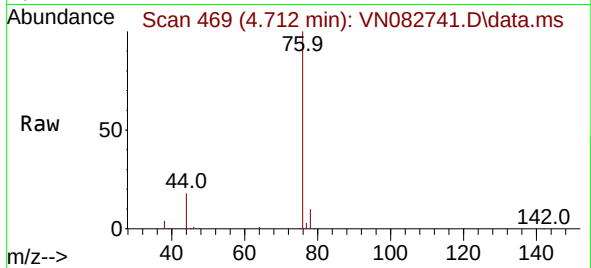
#17
Carbon Disulfide
Concen: 42.634 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 180164
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

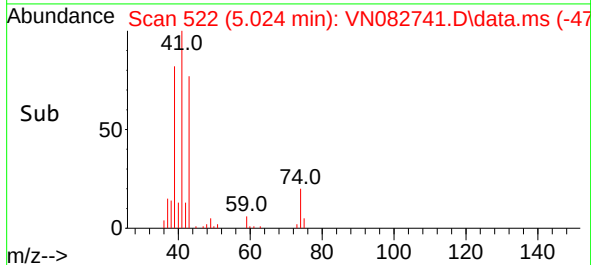
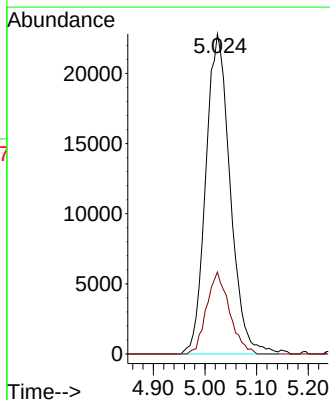
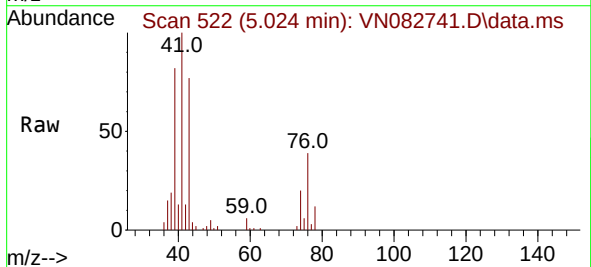
Manual Integrations
APPROVED

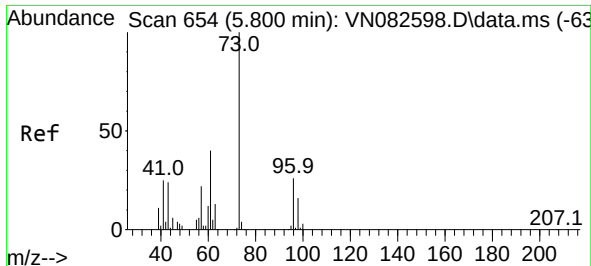
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#18
Methyl Acetate
Concen: 41.808 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

Tgt Ion: 43 Resp: 75022
Ion Ratio Lower Upper
43 100
74 24.0 16.3 24.5





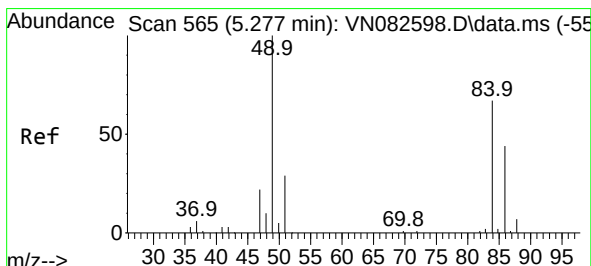
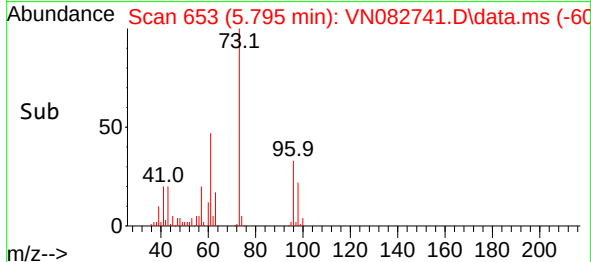
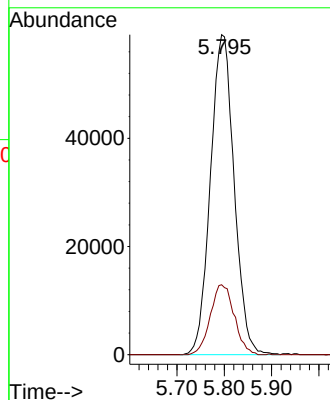
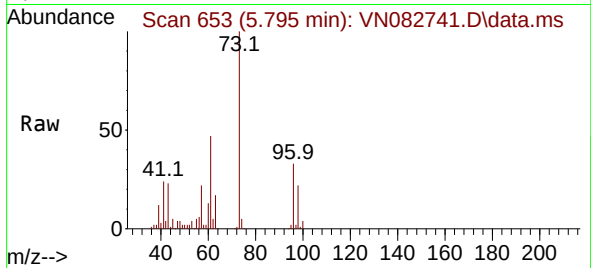
#19
Methyl tert-butyl Ether
Concen: 48.085 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 20570
Ion Ratio Lower Upper
73 100
57 21.9 17.9 26.9

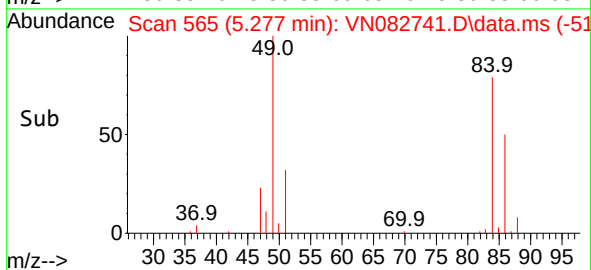
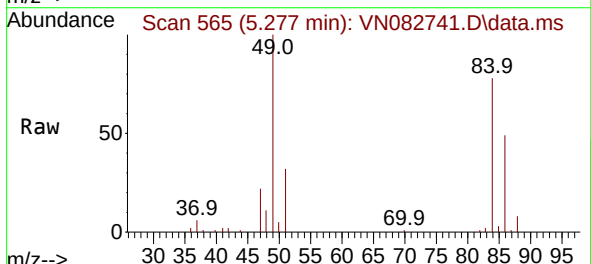
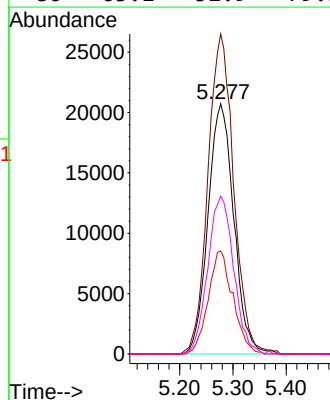
Manual Integrations
APPROVED

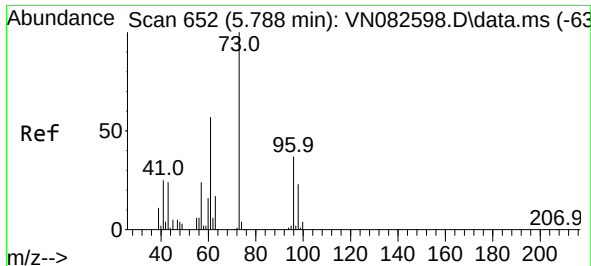
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#20
Methylene Chloride
Concen: 40.755 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

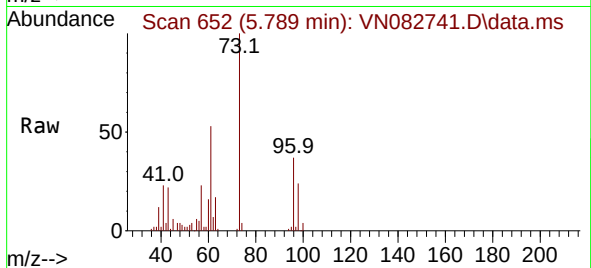
Tgt Ion: 84 Resp: 69611
Ion Ratio Lower Upper
84 100
49 127.9 119.6 179.4
51 41.2 34.8 52.2
86 63.1 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 46.852 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.001 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

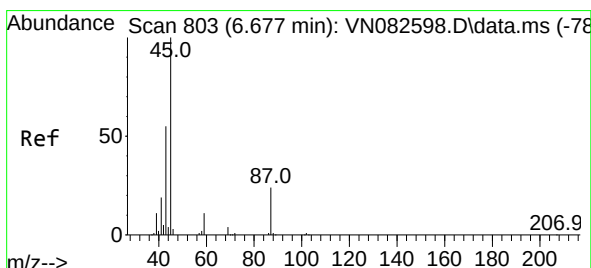
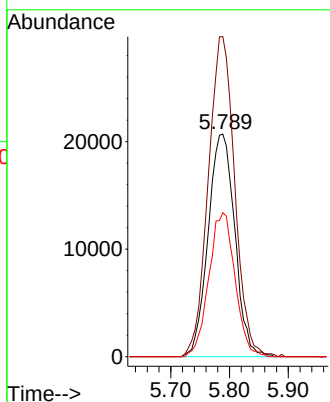
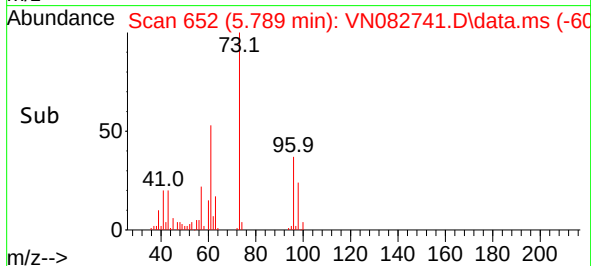
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 6523
Ion Ratio Lower Upper
96 100
61 143.7 123.4 185.2
98 64.7 49.3 73.9

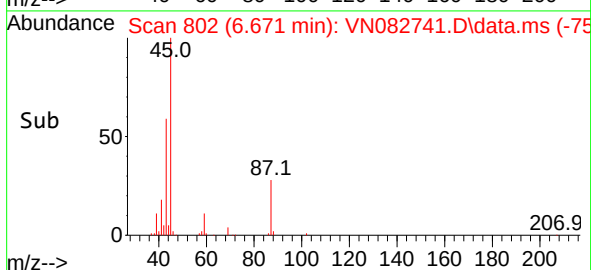
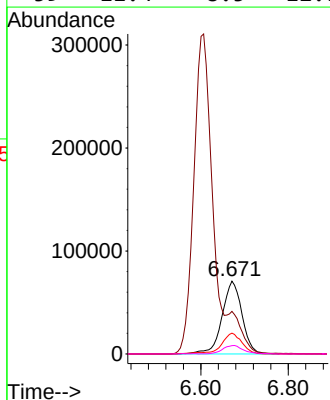
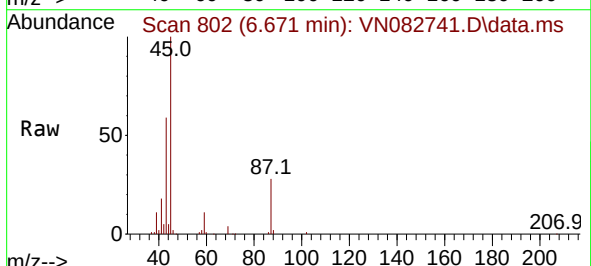
Manual Integrations
APPROVED

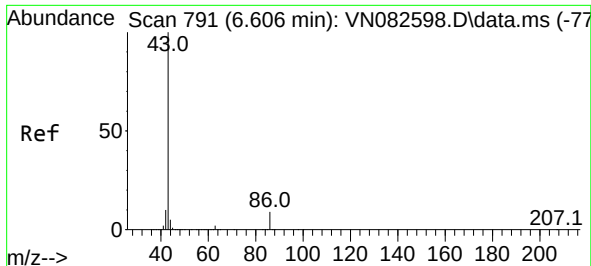
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#22
Diisopropyl ether
Concen: 49.575 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

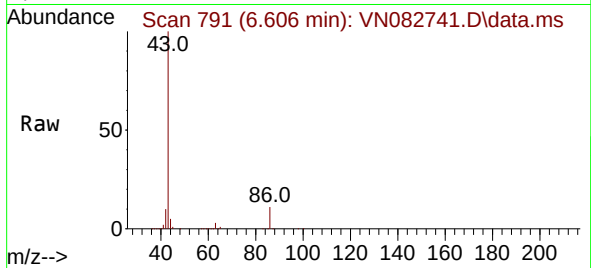
Tgt Ion: 45 Resp: 223588
Ion Ratio Lower Upper
45 100
43 57.6 44.0 66.0
87 28.5 19.7 29.5
59 11.4 8.5 12.7





#23
 Vinyl Acetate
 Concen: 251.197 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082741.D
 Acq: 28 Jun 2024 10:21

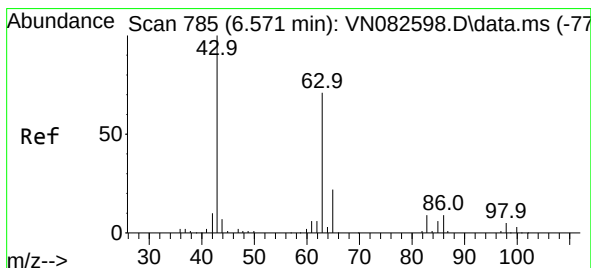
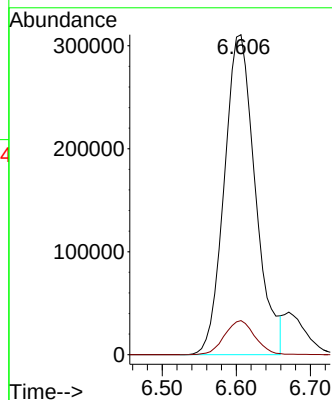
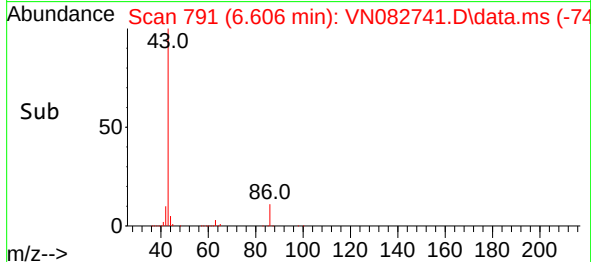
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



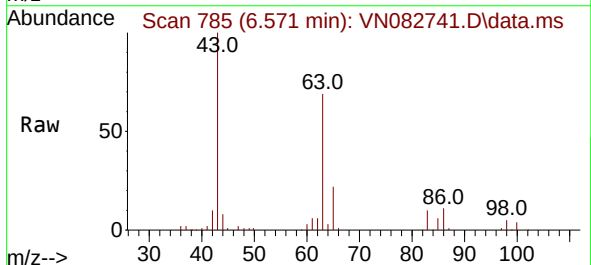
Tgt Ion: 43 Resp: 904572
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.3 10.9

Manual Integrations
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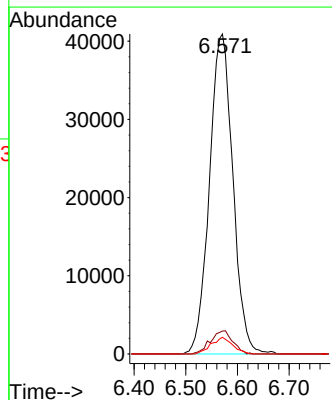
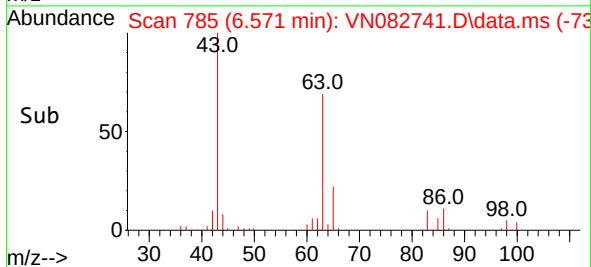
Reviewed By :John Carlone 07/01/2024
 Supervised By :Mahesh Dadoda 07/01/2024

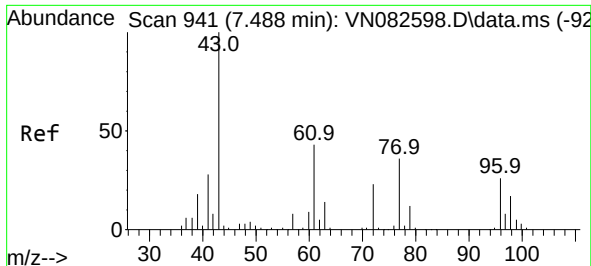


#24
 1,1-Dichloroethane
 Concen: 47.061 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082741.D
 Acq: 28 Jun 2024 10:21



Tgt Ion: 63 Resp: 128859
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 5.2 2.0 6.0





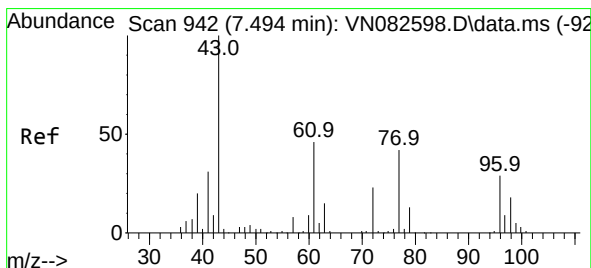
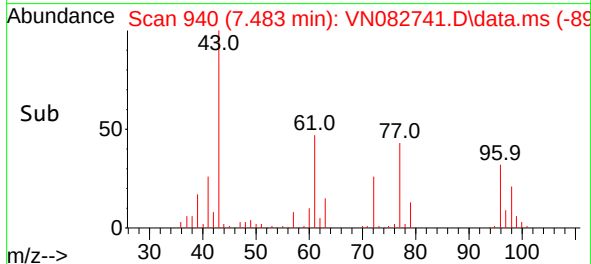
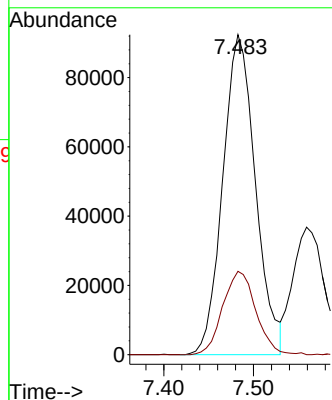
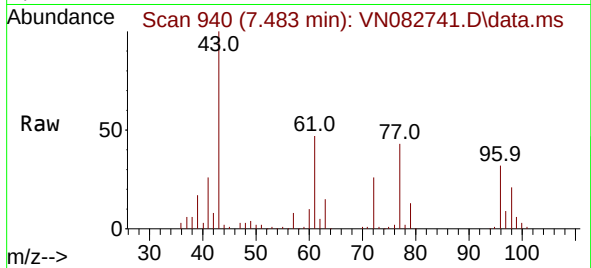
#25
2-Butanone
Concen: 226.728 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 233810
Ion Ratio Lower Upper
43 100
72 26.0 18.2 27.2

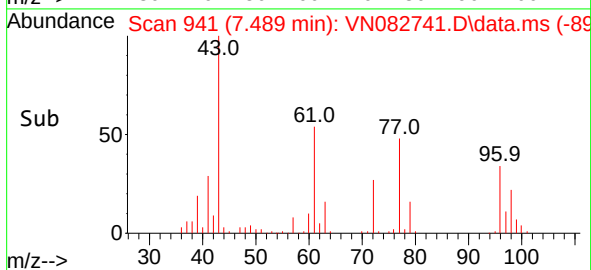
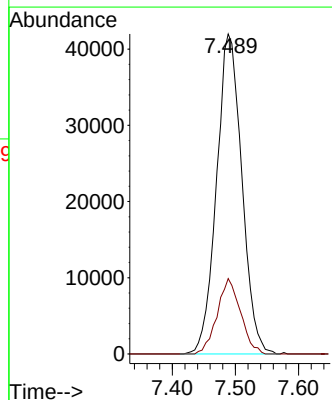
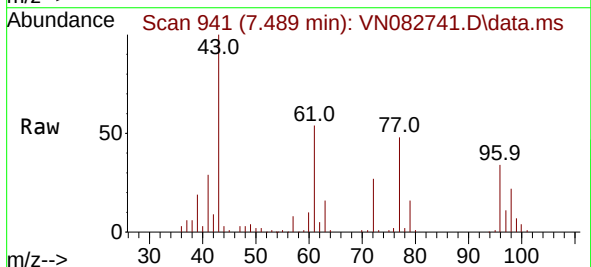
Manual Integrations
APPROVED

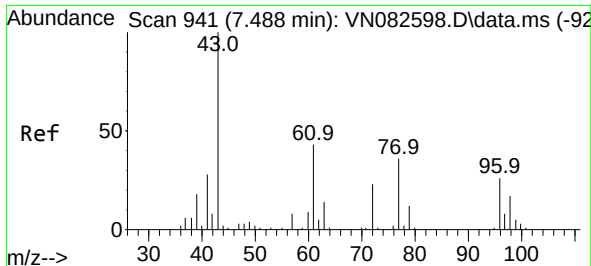
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#26
2,2-Dichloropropane
Concen: 66.478 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

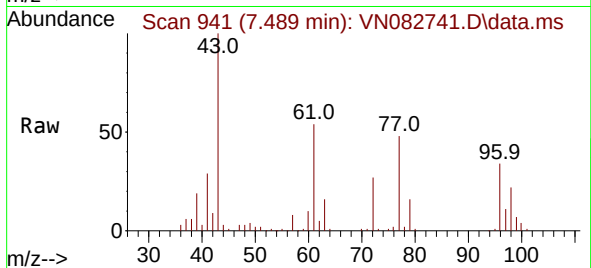
Tgt Ion: 77 Resp: 116783
Ion Ratio Lower Upper
77 100
97 21.7 10.3 30.9





#27
cis-1,2-Dichloroethene
Concen: 47.870 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

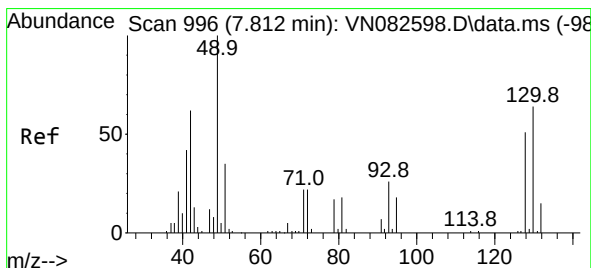
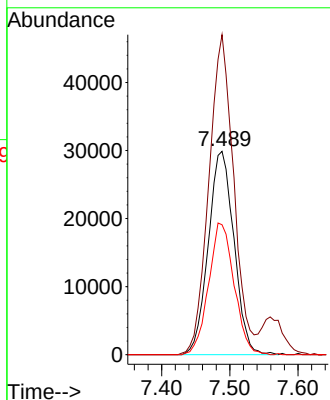
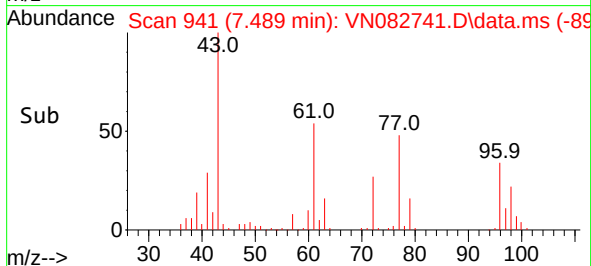
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion: 96 Resp: 78419
Ion Ratio Lower Upper
96 100
61 151.6 0.0 329.6
98 64.2 0.0 128.6

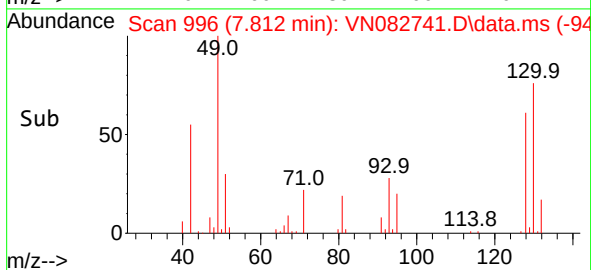
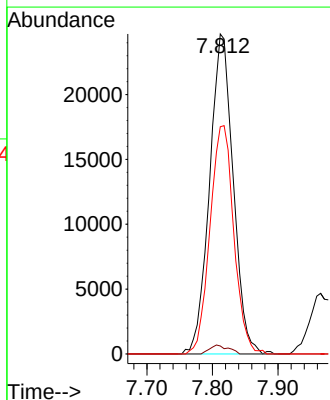
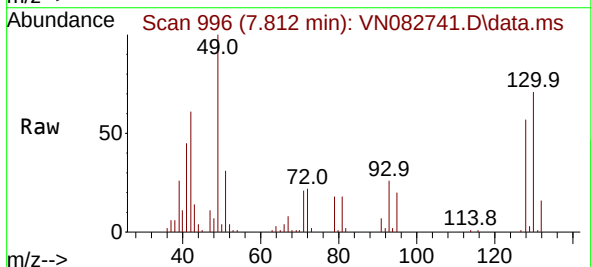
Manual Integrations
APPROVED

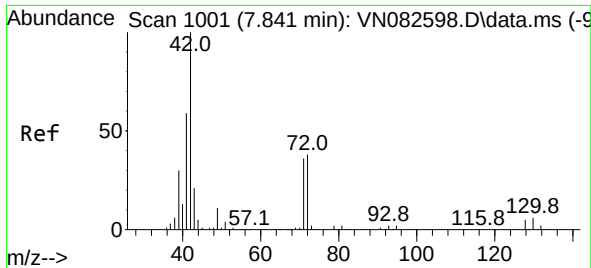
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#28
Bromochloromethane
Concen: 51.558 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

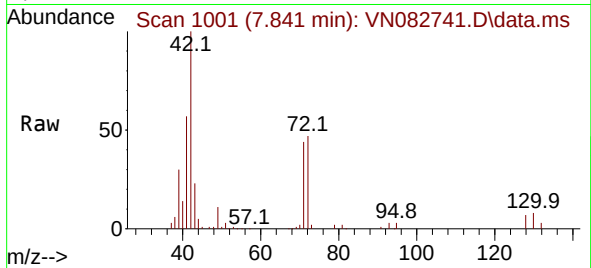
Tgt Ion: 49 Resp: 61747
Ion Ratio Lower Upper
49 100
129 2.2 0.0 3.8
130 71.8 50.5 75.7





#29
Tetrahydrofuran
Concen: 225.283 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

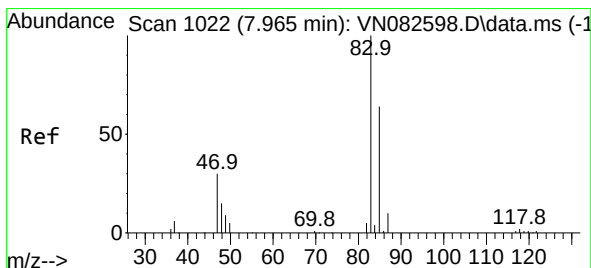
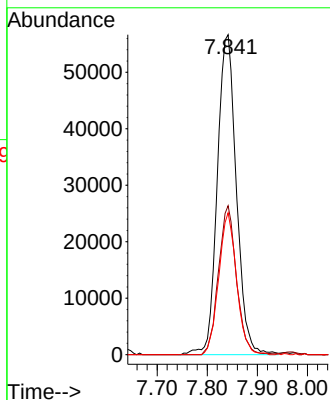
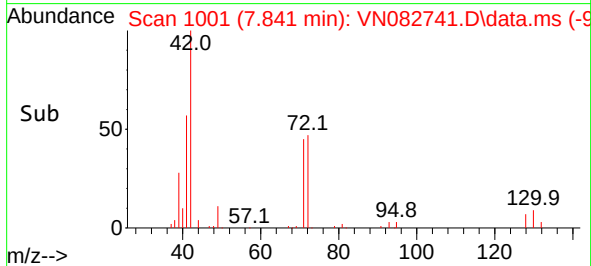
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 149810
Ion Ratio Lower Upper
42 100
72 43.6 30.0 45.0
71 41.5 28.3 42.5

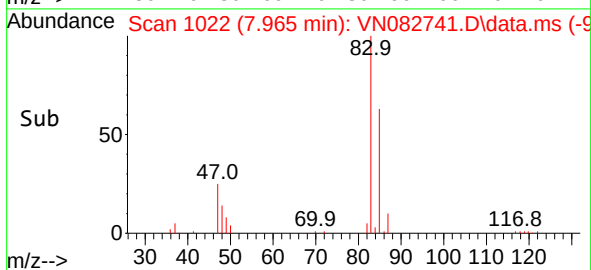
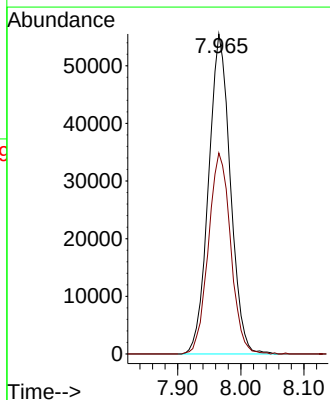
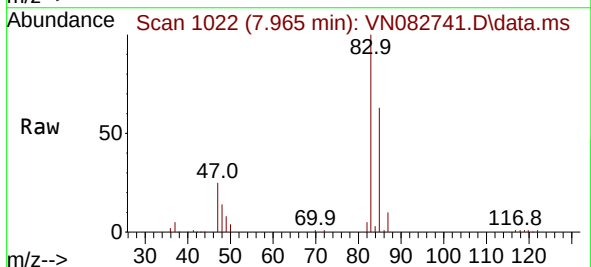
Manual Integrations
APPROVED

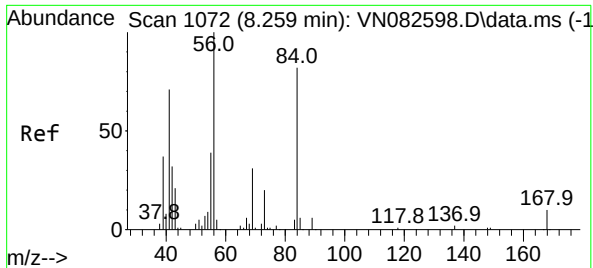
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#30
Chloroform
Concen: 45.589 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

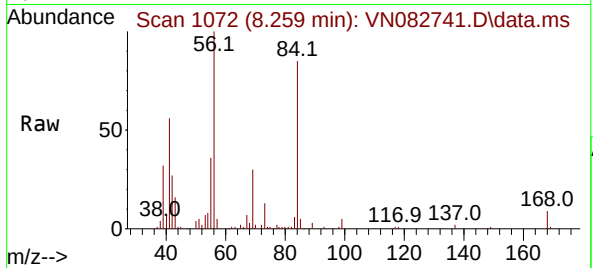
Tgt Ion: 83 Resp: 133082
Ion Ratio Lower Upper
83 100
85 62.8 50.9 76.3





#31
Cyclohexane
Concen: 44.917 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

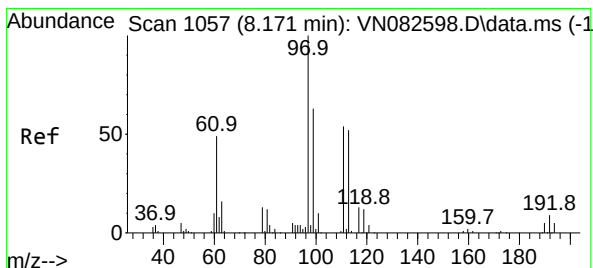
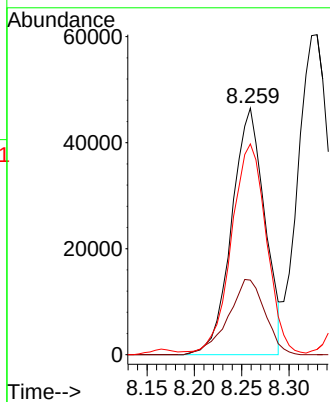
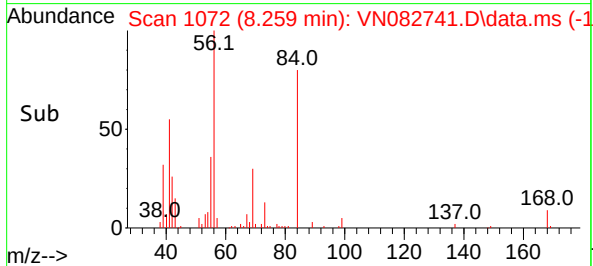
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



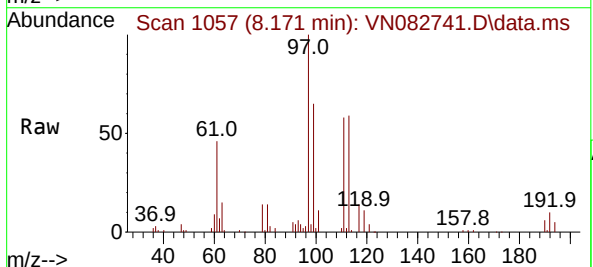
Tgt Ion: 56 Resp: 112754
Ion Ratio Lower Upper
56 100
69 30.2 24.5 36.7
84 84.3 66.0 99.0

Manual Integrations
APPROVED

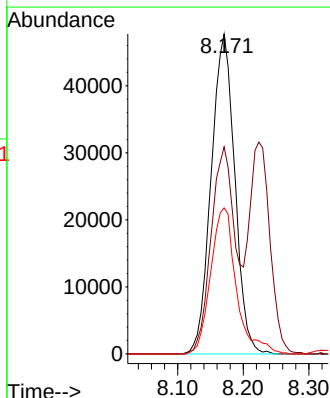
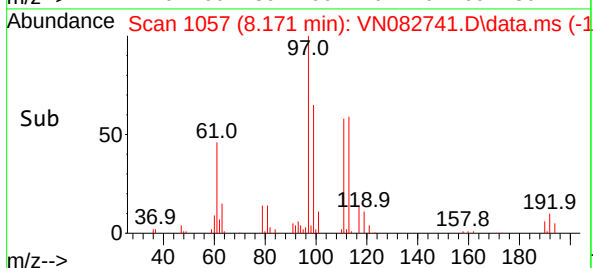
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

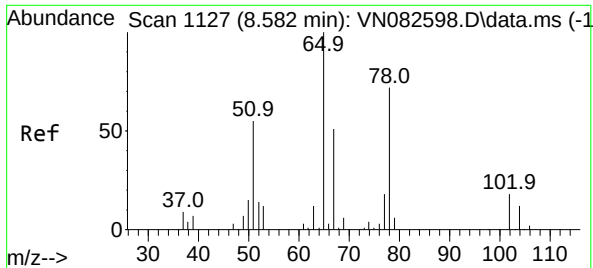


#32
1,1,1-Trichloroethane
Concen: 46.277 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21



Tgt Ion: 97 Resp: 119272
Ion Ratio Lower Upper
97 100
99 67.0 52.0 78.0
61 49.6 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 49.784 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082741.D

Acq: 28 Jun 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 88690

Ion Ratio Lower Upper

65 100

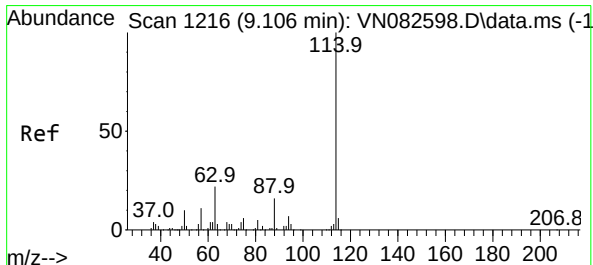
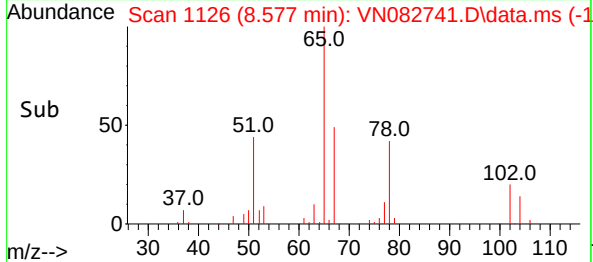
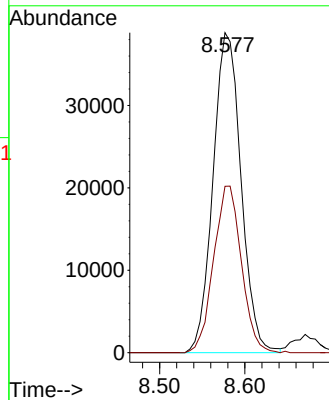
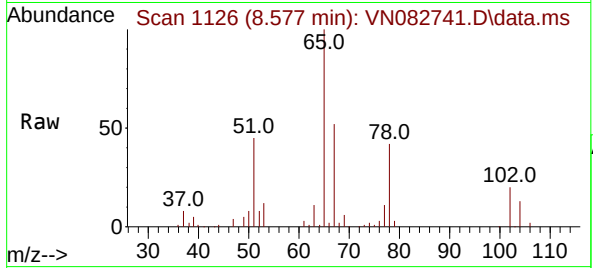
67 51.7 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN082741.D

Acq: 28 Jun 2024 10:21

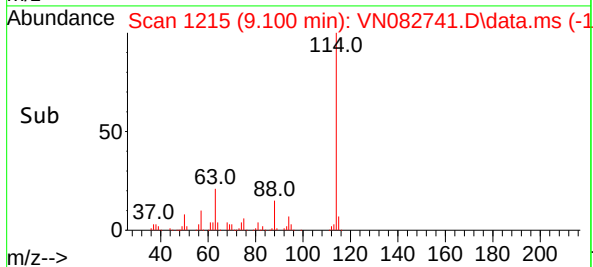
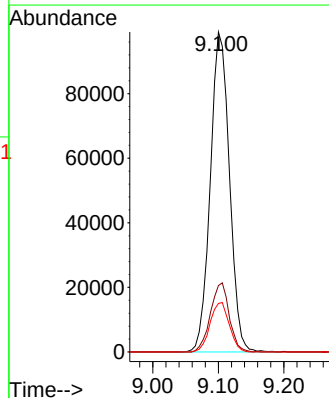
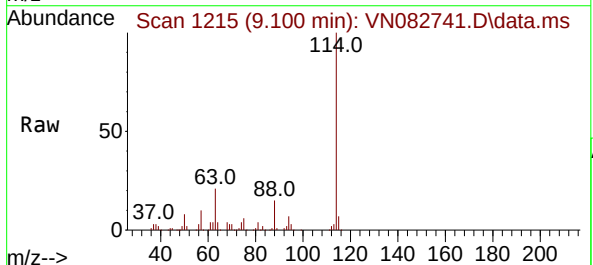
Tgt Ion:114 Resp: 200701

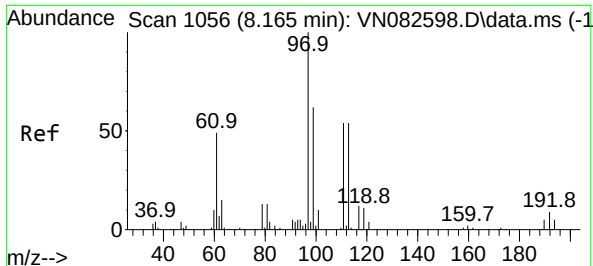
Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.6

88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.225 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082741.D

Acq: 28 Jun 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 6901

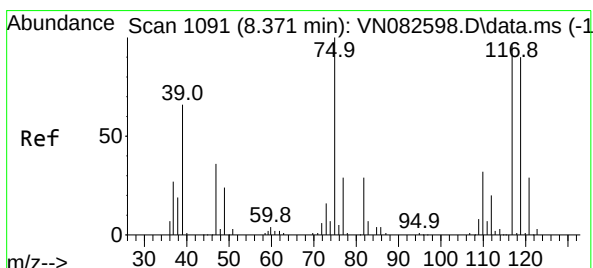
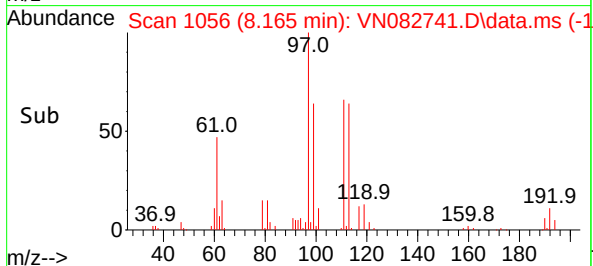
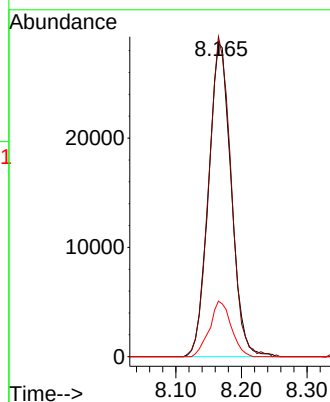
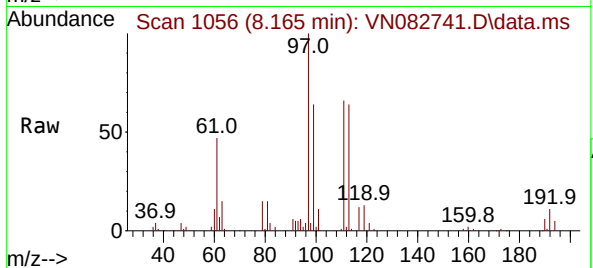
Ion	Ratio	Lower	Upper
113	100		
111	100.4	82.4	123.6
192	16.9	14.9	22.3

Manual Integrations

APPROVED

Reviewed By : John Carlone 07/01/2024

Supervised By : Mahesh Dadoda 07/01/2024



#36

1,1-Dichloropropene

Concen: 50.164 ug/l

RT: 8.371 min Scan# 1091

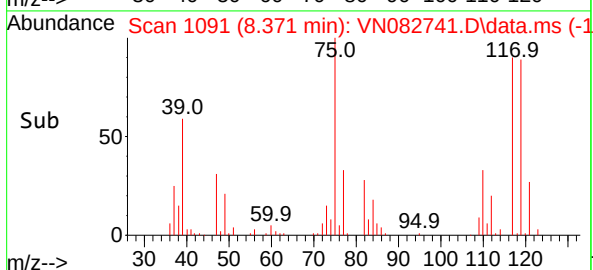
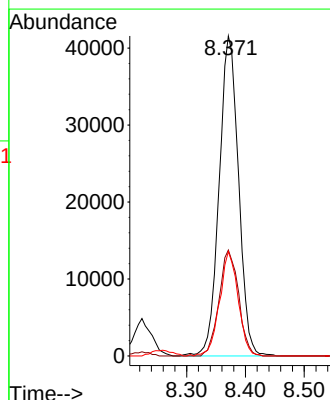
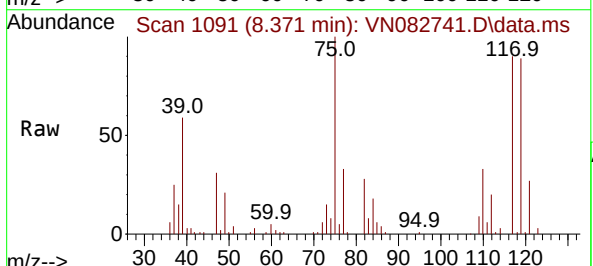
Delta R.T. -0.000 min

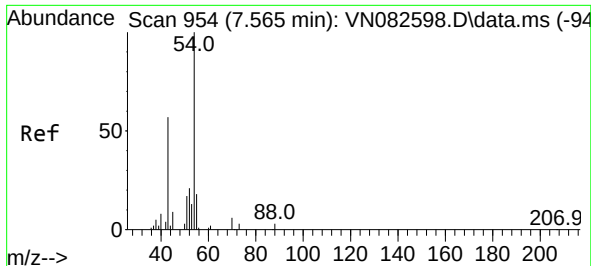
Lab File: VN082741.D

Acq: 28 Jun 2024 10:21

Tgt Ion: 75 Resp: 95277

Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.3	48.9
77	31.2	24.6	37.0





#37

Ethyl Acetate

Concen: 45.955 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN082741.D

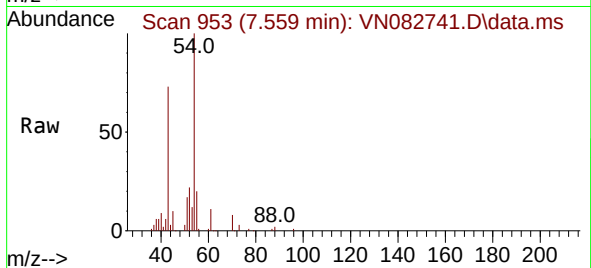
Acq: 28 Jun 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



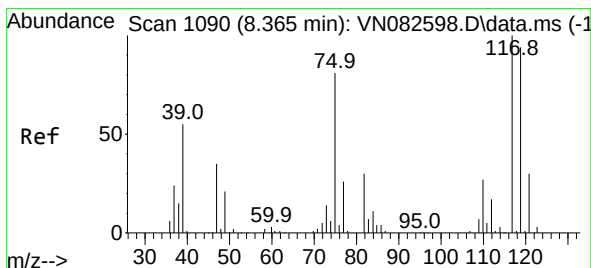
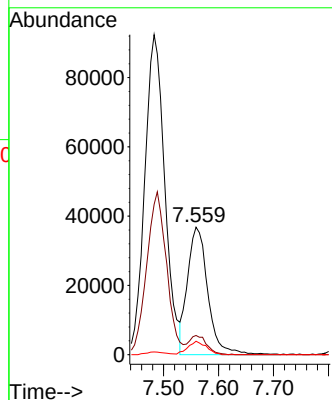
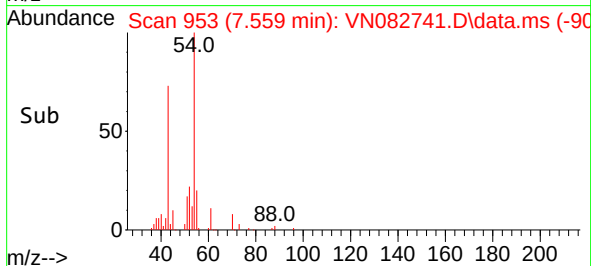
Tgt Ion:	43	Resp:	94330
Ion	Ratio	Lower	Upper
43	100		
61	13.6	9.3	13.9
70	9.4	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#38

Carbon Tetrachloride

Concen: 47.478 ug/l

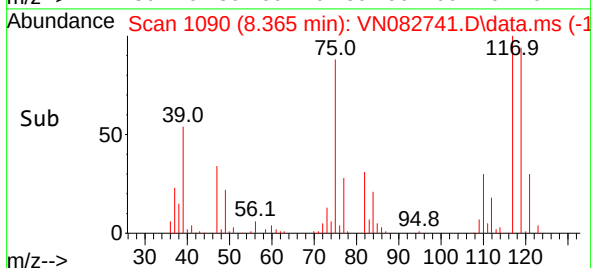
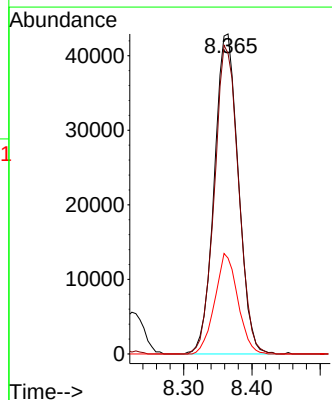
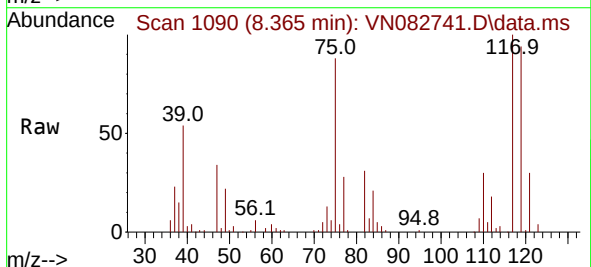
RT: 8.365 min Scan# 1090

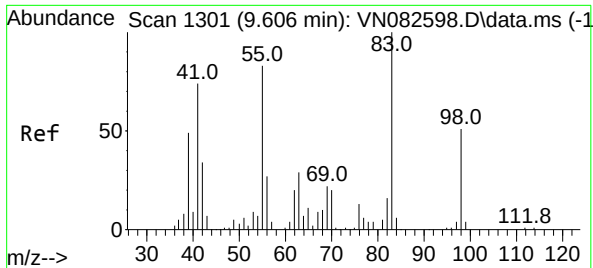
Delta R.T. -0.000 min

Lab File: VN082741.D

Acq: 28 Jun 2024 10:21

Tgt Ion:	117	Resp:	105468
Ion	Ratio	Lower	Upper
117	100		
119	93.9	74.9	112.3
121	30.0	24.3	36.5





#39

Methylcyclohexane

Concen: 54.420 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN082741.D

Acq: 28 Jun 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 10731

Ion Ratio Lower Upper

83 100

55 74.0 66.4 99.6

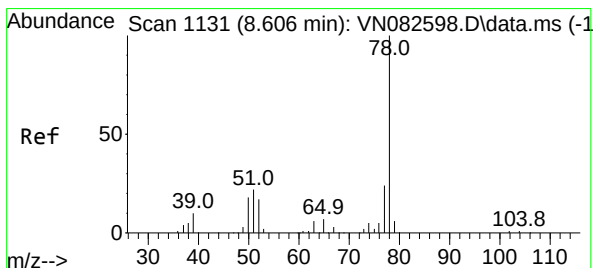
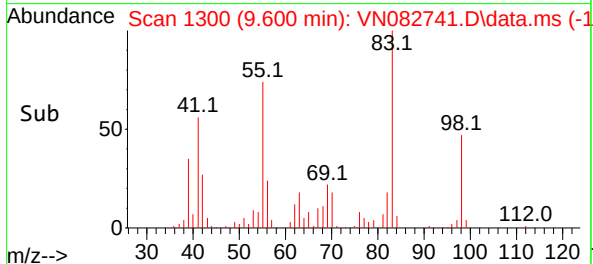
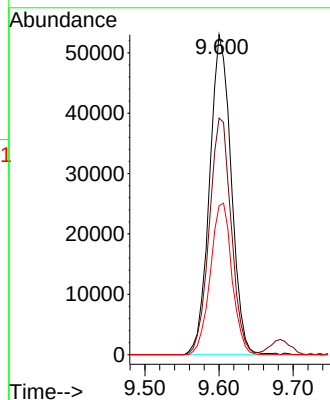
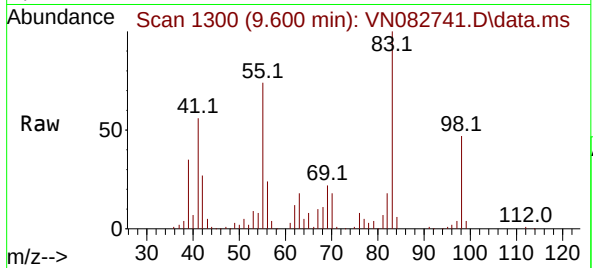
98 46.5 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#40

Benzene

Concen: 47.534 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082741.D

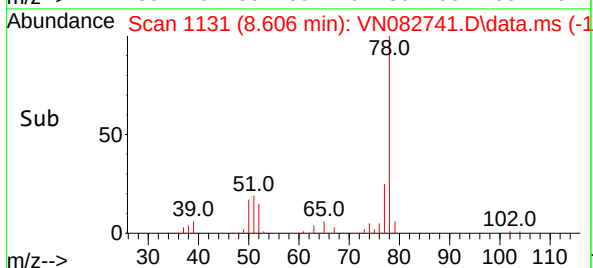
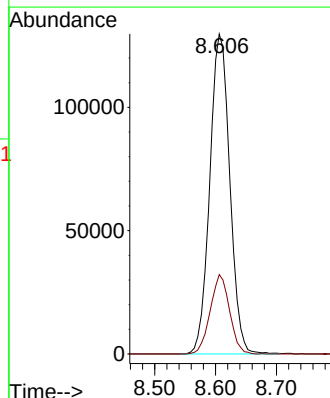
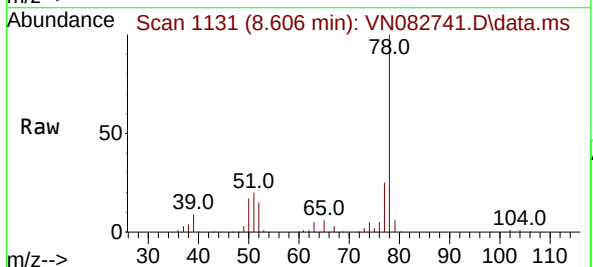
Acq: 28 Jun 2024 10:21

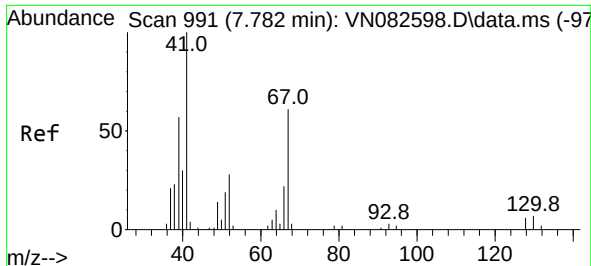
Tgt Ion: 78 Resp: 296173

Ion Ratio Lower Upper

78 100

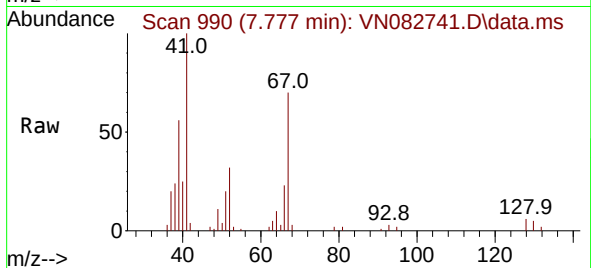
77 24.8 19.0 28.4





#41
Methacrylonitrile
Concen: 48.529 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

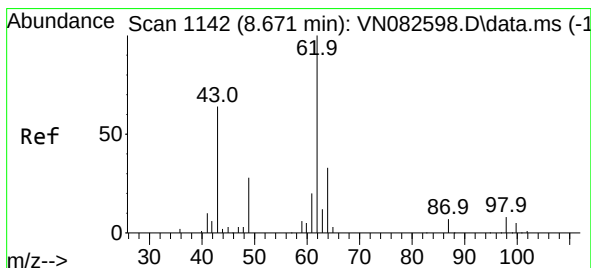
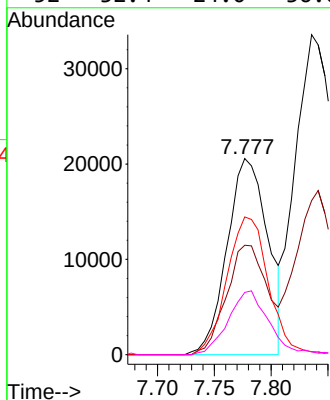
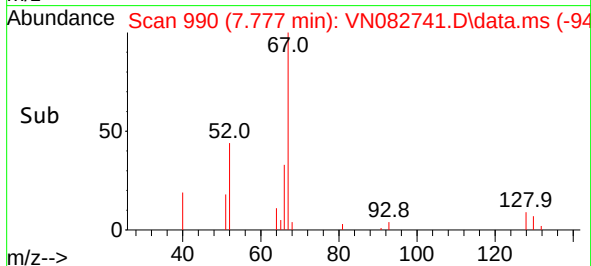
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 5136
Ion Ratio Lower Upper
41 100
39 56.2 45.5 68.3
67 71.6 50.5 75.7
52 32.4 24.0 36.0

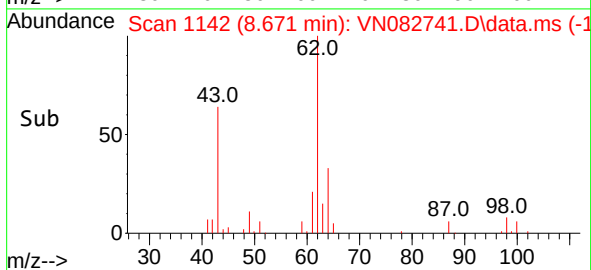
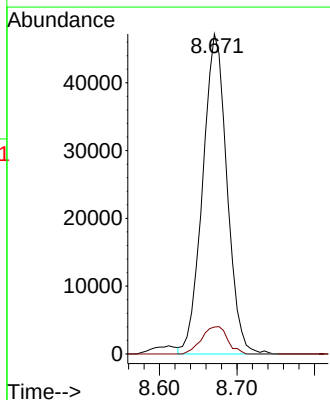
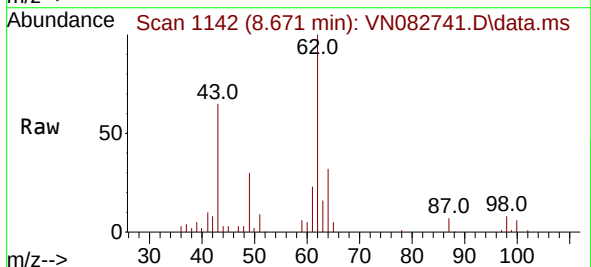
Manual Integrations
APPROVED

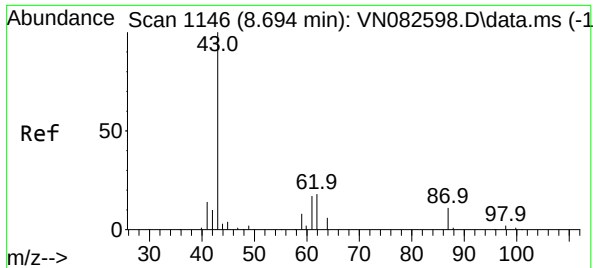
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#42
1,2-Dichloroethane
Concen: 45.998 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

Tgt Ion: 62 Resp: 102917
Ion Ratio Lower Upper
62 100
98 9.1 0.0 15.8





#43

Isopropyl Acetate

Concen: 45.570 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082741.D

Acq: 28 Jun 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 163064

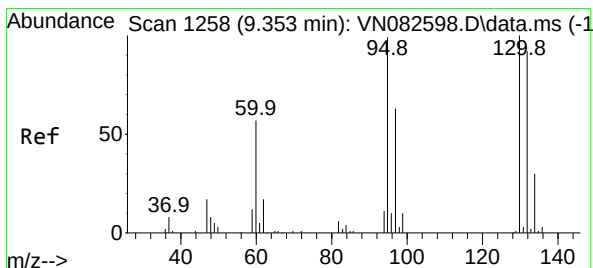
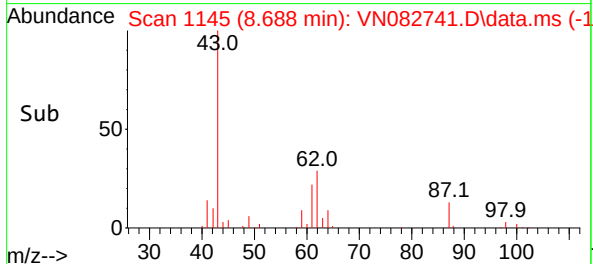
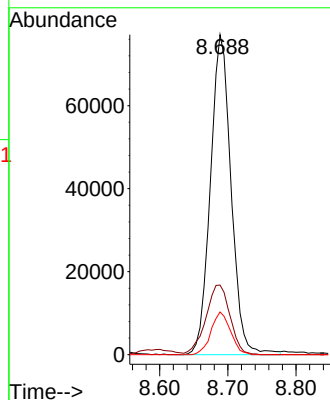
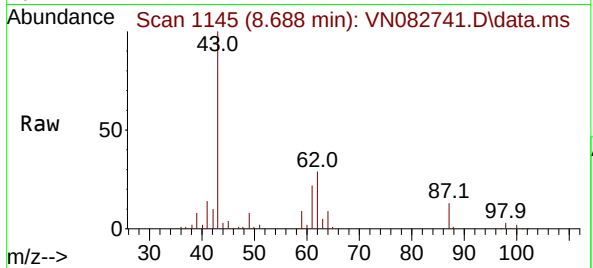
Ion	Ratio	Lower	Upper
43	100		
61	25.3	17.8	26.6
87	12.5	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#44

Trichloroethene

Concen: 46.404 ug/l

RT: 9.353 min Scan# 1258

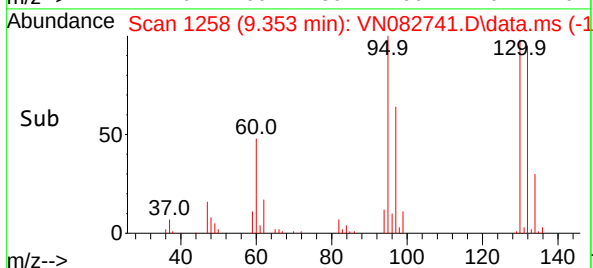
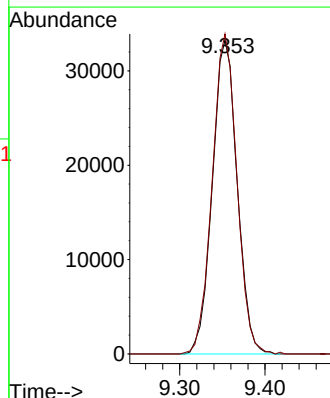
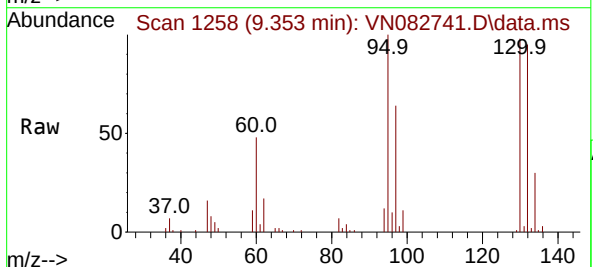
Delta R.T. 0.000 min

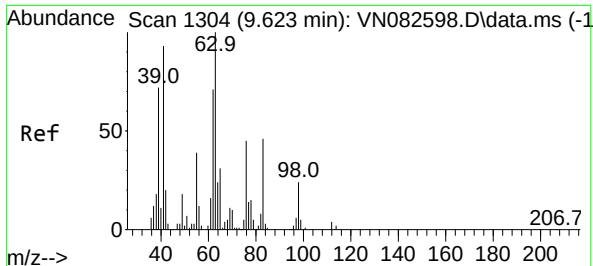
Lab File: VN082741.D

Acq: 28 Jun 2024 10:21

Tgt Ion:130 Resp: 67129

Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	197.8





#45

1,2-Dichloropropane

Concen: 48.056 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.005 min

Lab File: VN082741.D

Acq: 28 Jun 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7256

Ion Ratio Lower Upper

63 100

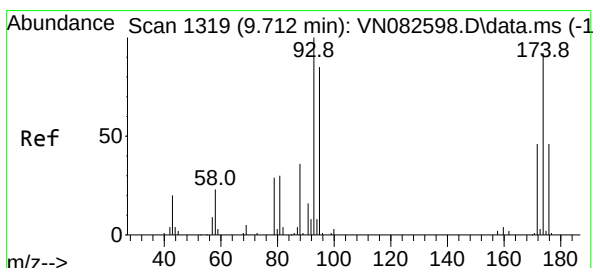
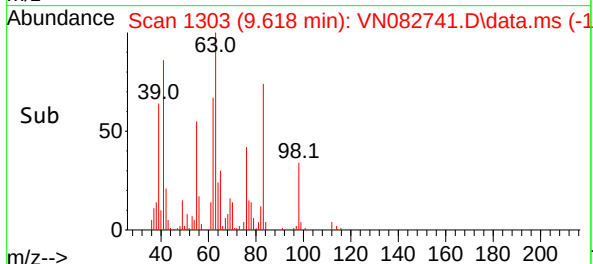
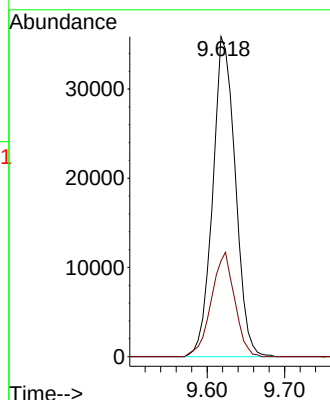
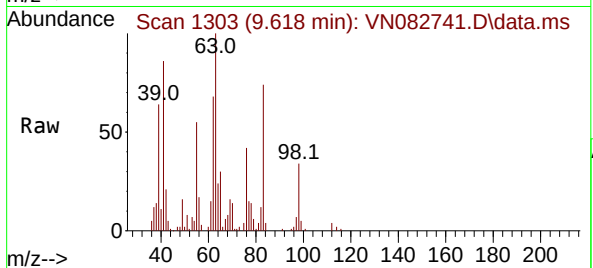
65 30.0 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#46

Dibromomethane

Concen: 46.948 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082741.D

Acq: 28 Jun 2024 10:21

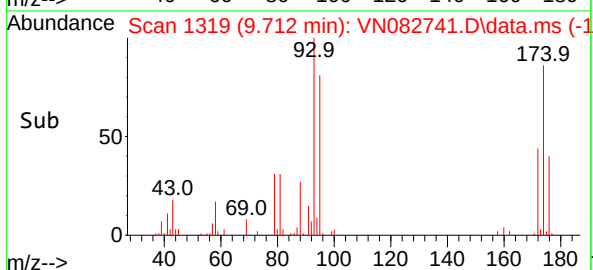
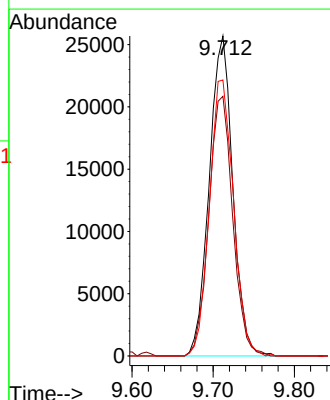
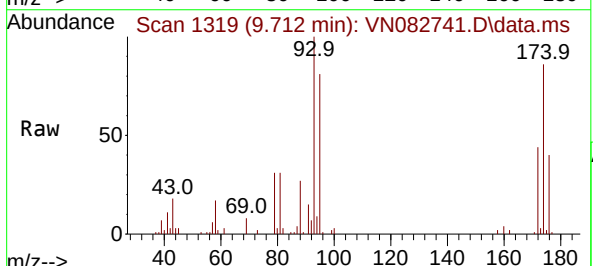
Tgt Ion: 93 Resp: 51784

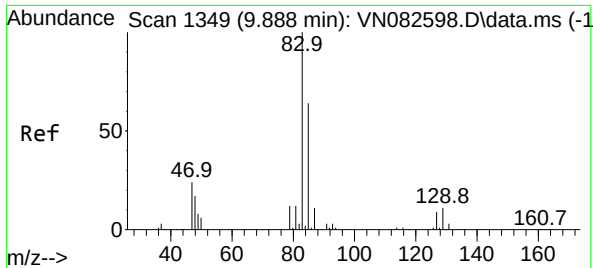
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.6

174 88.2 71.7 107.5





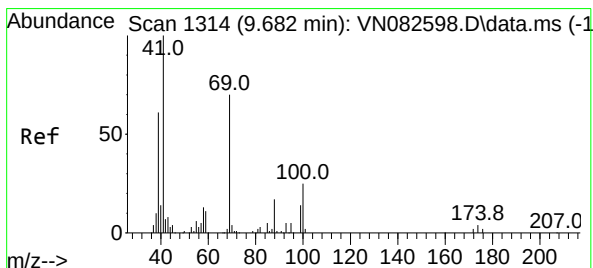
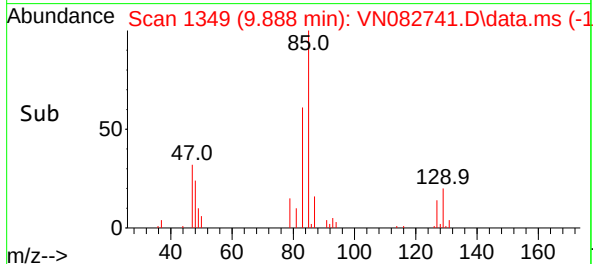
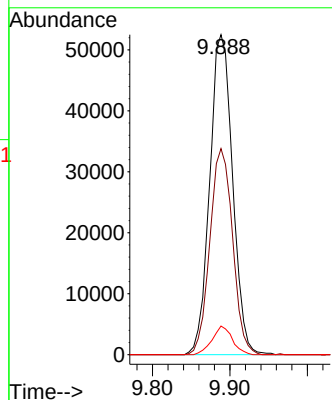
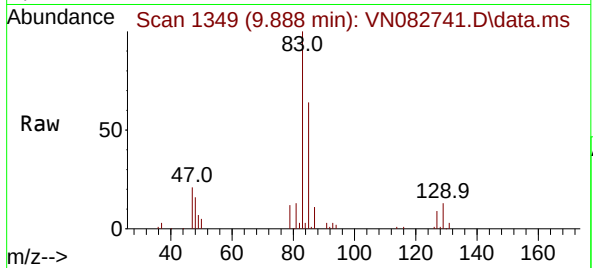
#47
Bromodichloromethane
Concen: 47.931 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 107728
Ion Ratio Lower Upper
83 100
85 64.4 51.1 76.7
127 9.0 7.2 10.8

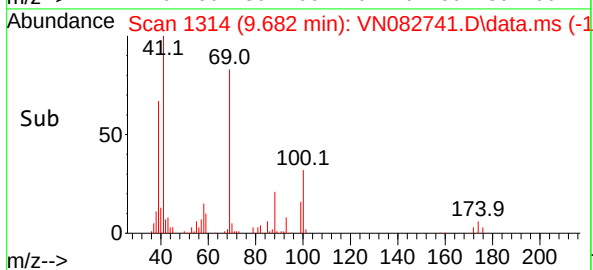
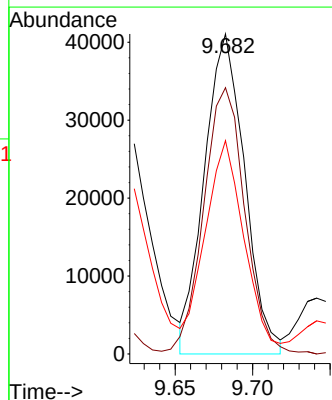
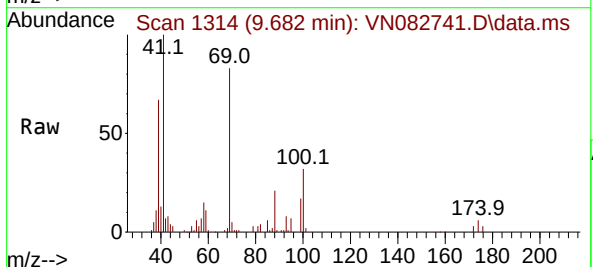
Manual Integrations
APPROVED

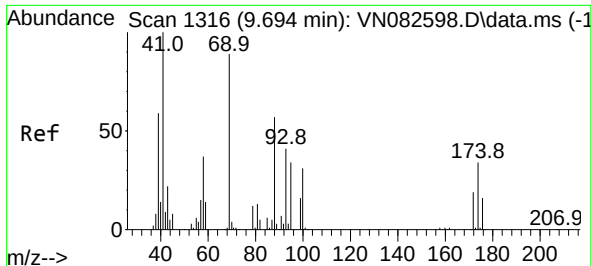
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#48
Methyl methacrylate
Concen: 47.016 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

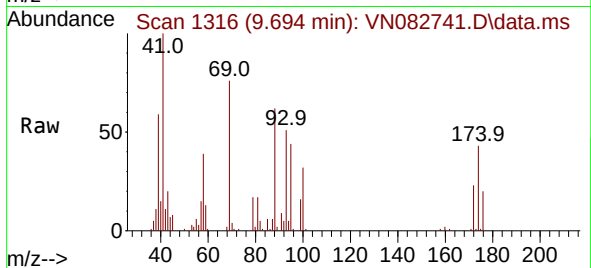
Tgt Ion: 41 Resp: 74276
Ion Ratio Lower Upper
41 100
69 85.5 56.3 84.5#
39 65.3 50.3 75.5





#49
1,4-Dioxane
Concen: 946.654 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

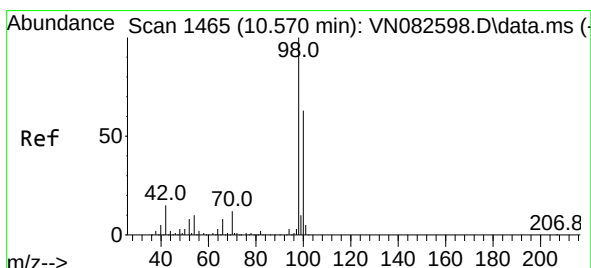
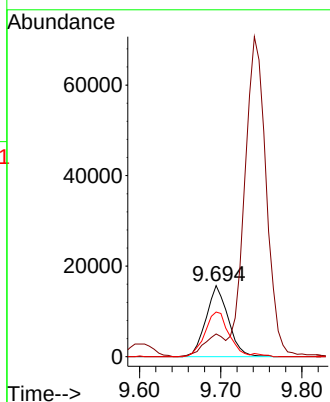
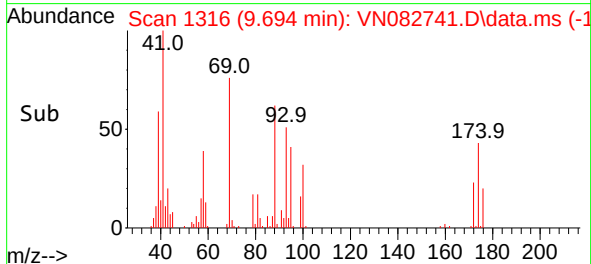
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 29840
Ion Ratio Lower Upper
88 100
43 30.0 27.8 41.8
58 67.3 59.4 89.0

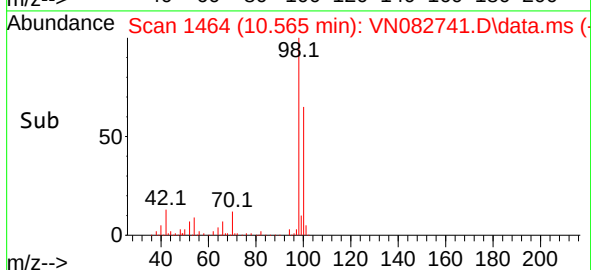
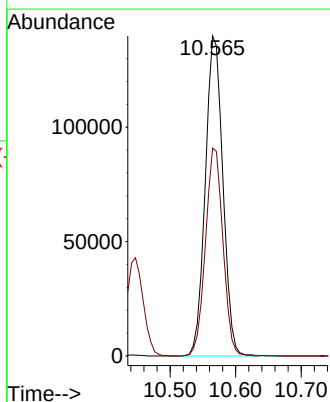
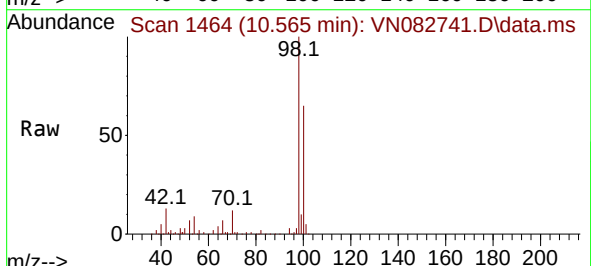
Manual Integrations
APPROVED

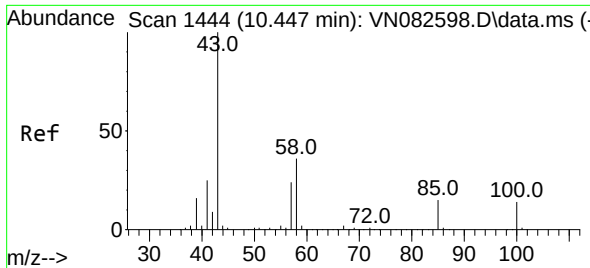
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#50
Toluene-d8
Concen: 52.820 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

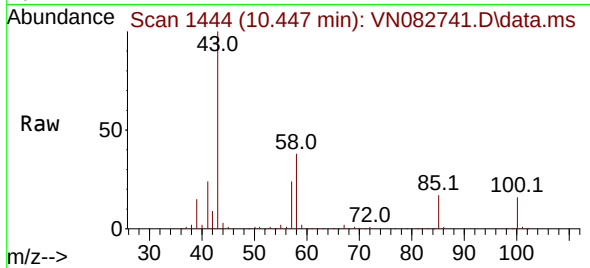
Tgt Ion: 98 Resp: 261024
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 234.705 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

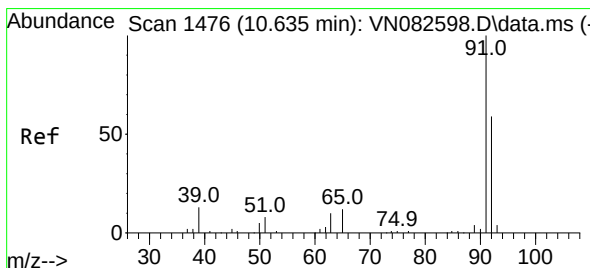
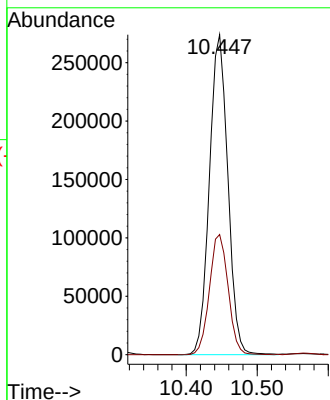
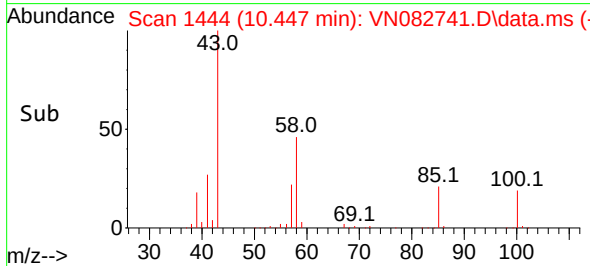
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 492795
Ion Ratio Lower Upper
43 100
58 38.1 28.2 42.4

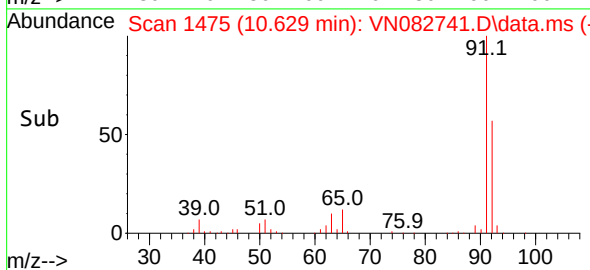
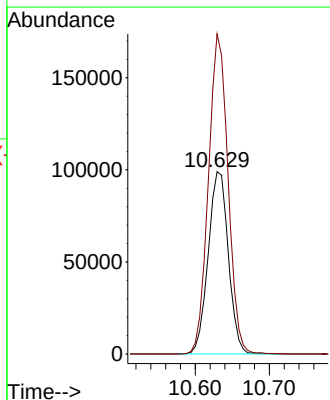
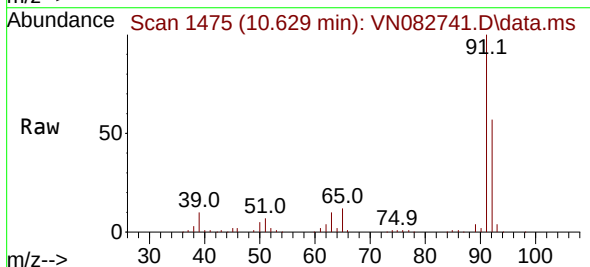
Manual Integrations
APPROVED

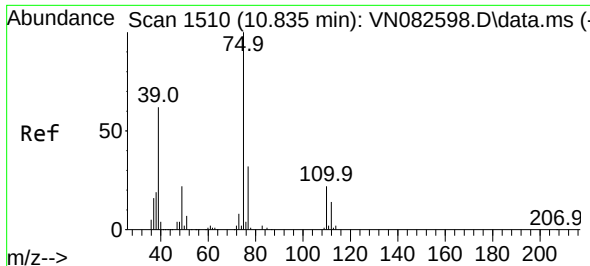
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#52
Toluene
Concen: 51.117 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

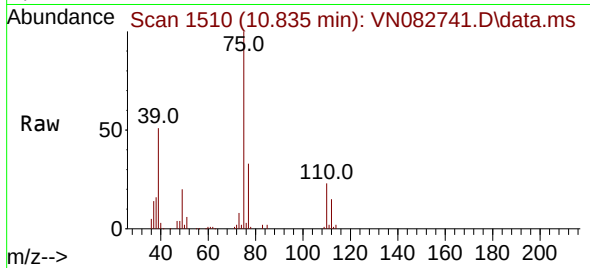
Tgt Ion: 92 Resp: 187023
Ion Ratio Lower Upper
92 100
91 170.8 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 52.720 ug/l
RT: 10.835 min Scan# 112069
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

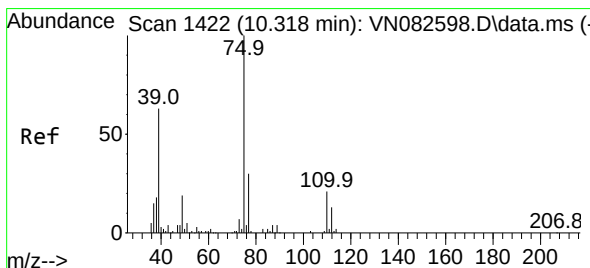
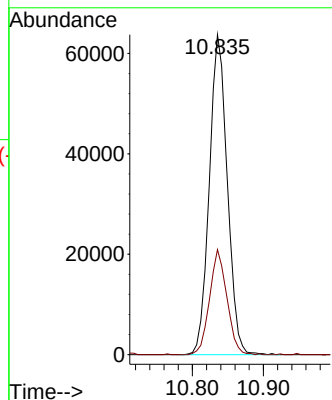
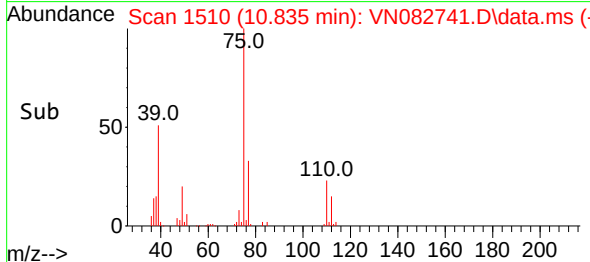
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



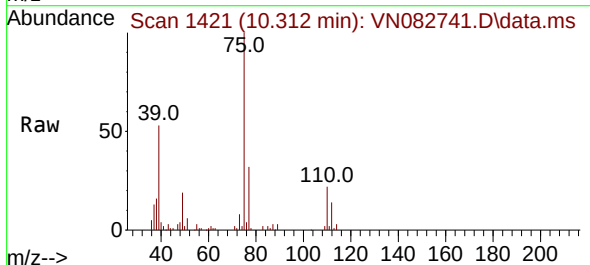
Tgt Ion: 75 Resp: 112069
Ion Ratio Lower Upper
75 100
77 32.9 25.7 38.5

Manual Integrations
APPROVED

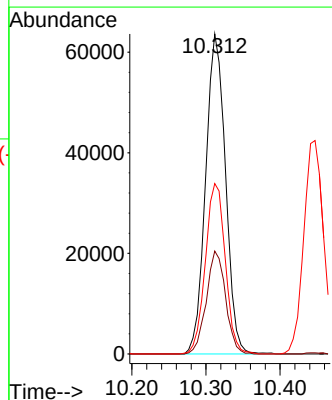
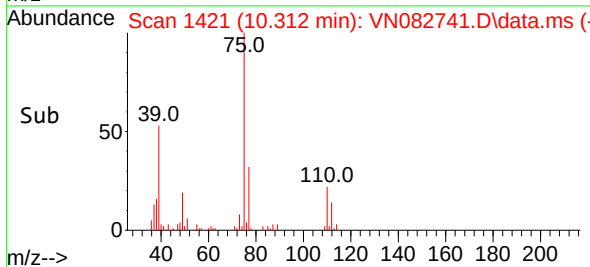
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

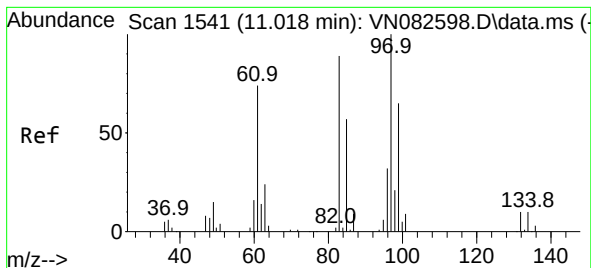


#54
cis-1,3-Dichloropropene
Concen: 53.081 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21



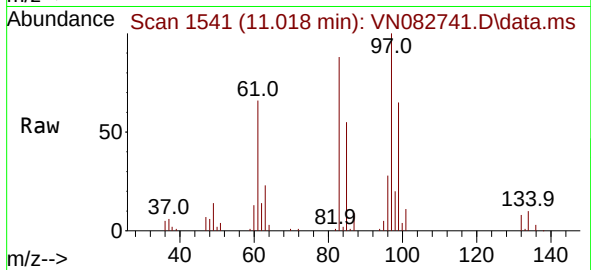
Tgt Ion: 75 Resp: 118632
Ion Ratio Lower Upper
75 100
77 32.2 24.3 36.5
39 53.3 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 48.317 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

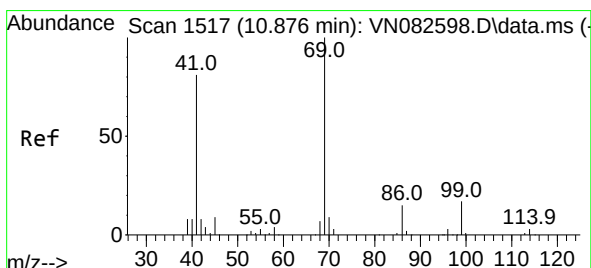
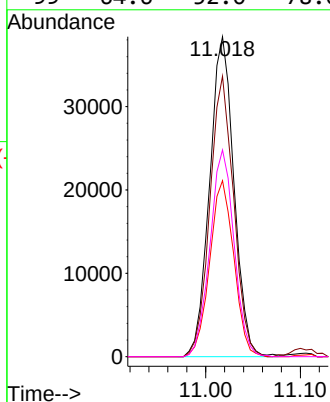
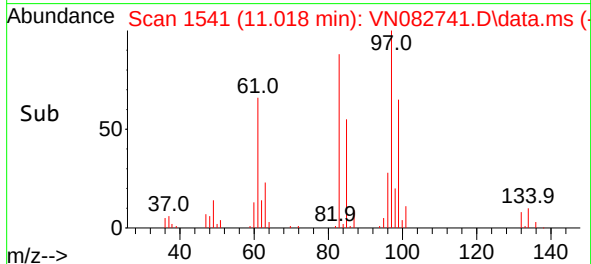
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



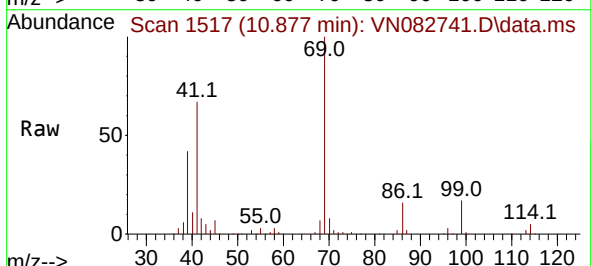
Tgt Ion: 97 Resp: 6854
Ion Ratio Lower Upper
97 100
83 87.7 71.4 107.0
85 55.0 45.8 68.6
99 64.6 52.0 78.0

Manual Integrations
APPROVED

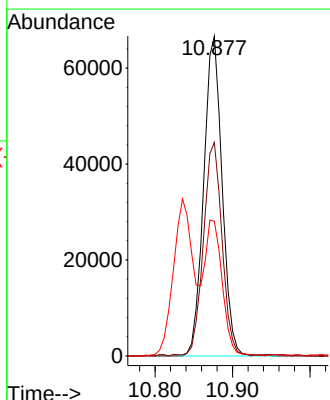
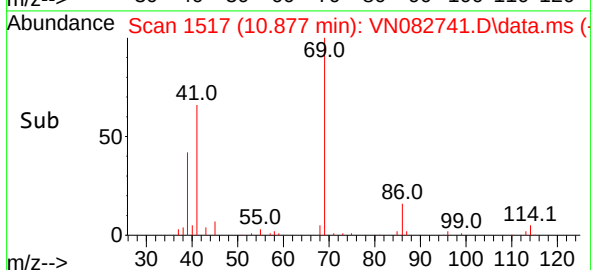
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

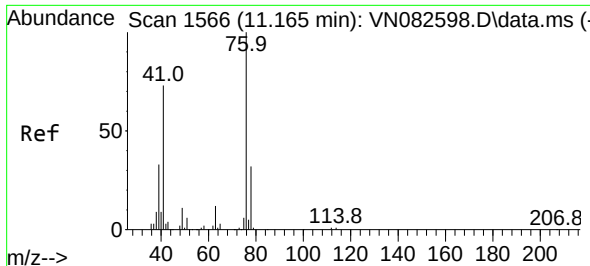


#56
Ethyl methacrylate
Concen: 51.559 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21



Tgt Ion: 69 Resp: 110013
Ion Ratio Lower Upper
69 100
41 67.6 63.4 95.2
39 39.0 37.4 56.0





#57

1,3-Dichloropropane

Concen: 48.210 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082741.D

Acq: 28 Jun 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 12021

Ion Ratio Lower Upper

76 100

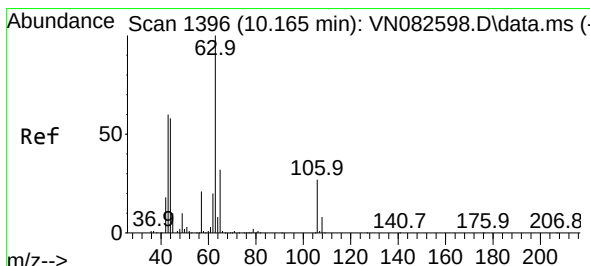
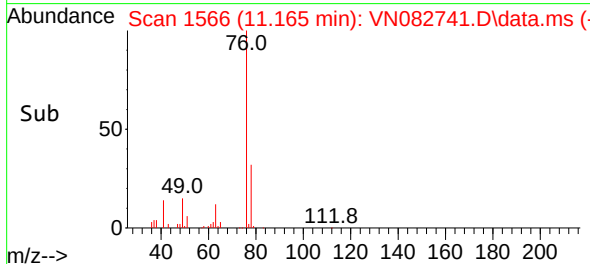
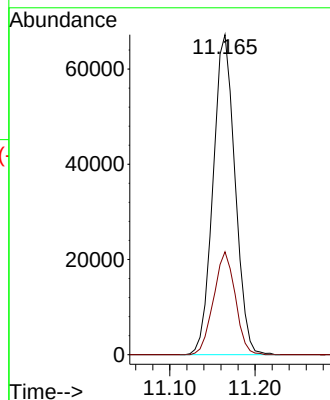
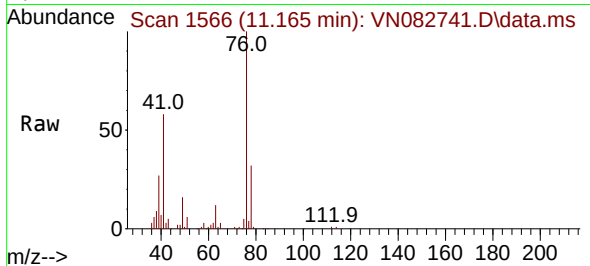
78 31.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#58

2-Chloroethyl Vinyl ether

Concen: 258.990 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN082741.D

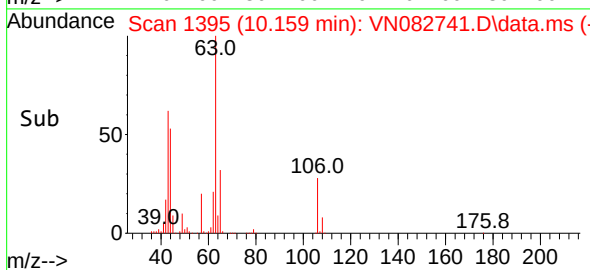
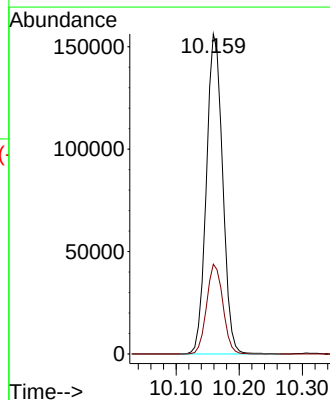
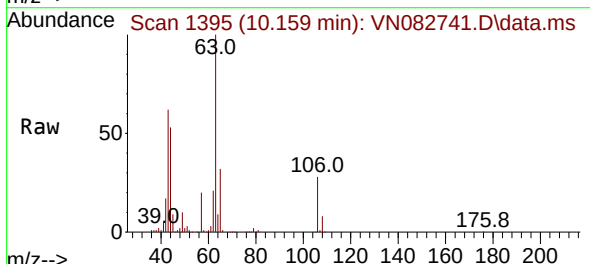
Acq: 28 Jun 2024 10:21

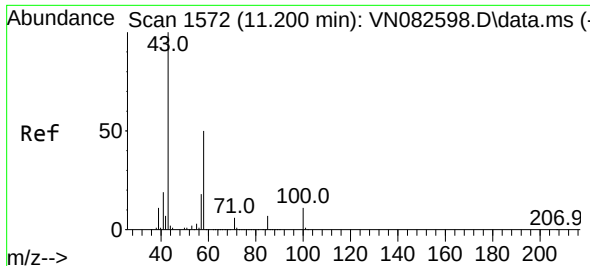
Tgt Ion: 63 Resp: 278405

Ion Ratio Lower Upper

63 100

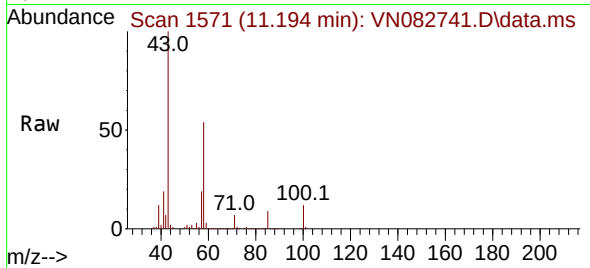
106 28.1 21.4 32.0





#59
2-Hexanone
Concen: 241.902 ug/l
RT: 11.194 min Scan# 1572
Delta R.T. -0.006 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

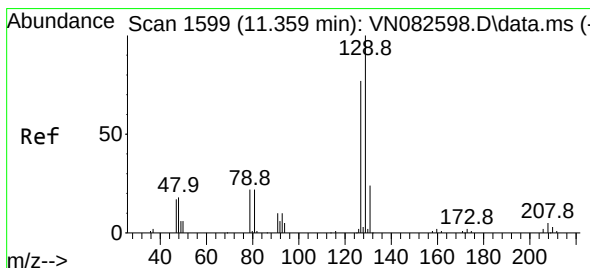
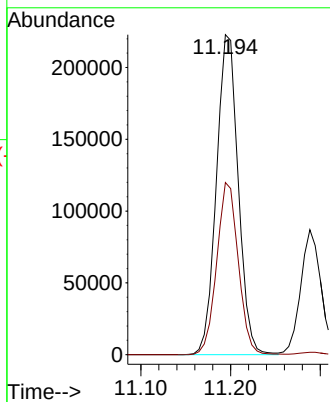
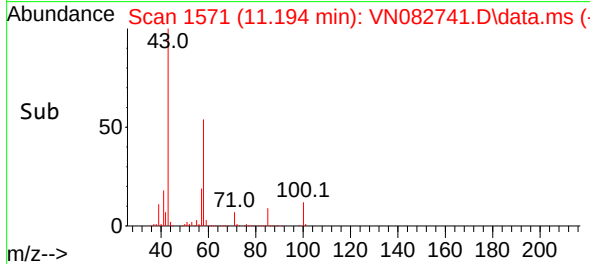
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 376604
Ion Ratio Lower Upper
43 100
58 53.1 24.6 73.8

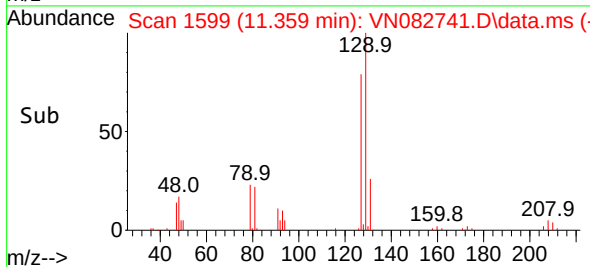
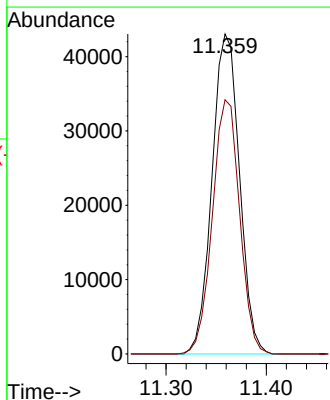
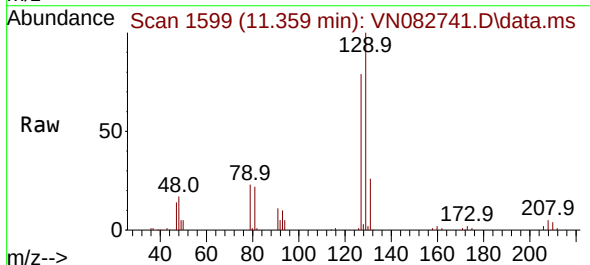
Manual Integrations
APPROVED

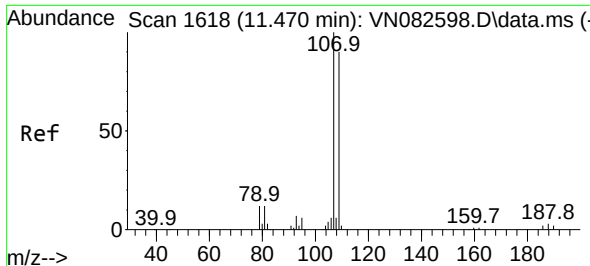
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#60
Dibromochloromethane
Concen: 47.617 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

Tgt Ion:129 Resp: 81930
Ion Ratio Lower Upper
129 100
127 78.8 39.2 117.6





#61
1,2-Dibromoethane
Concen: 46.870 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

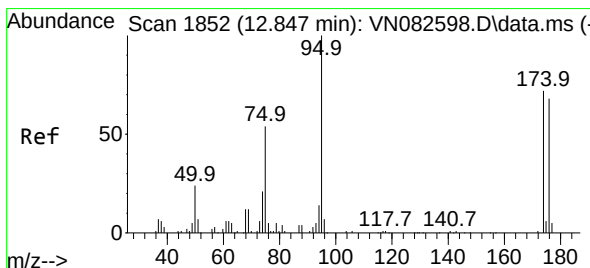
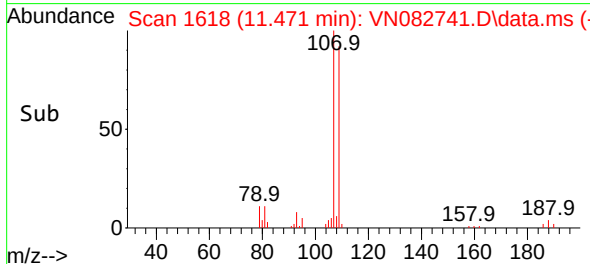
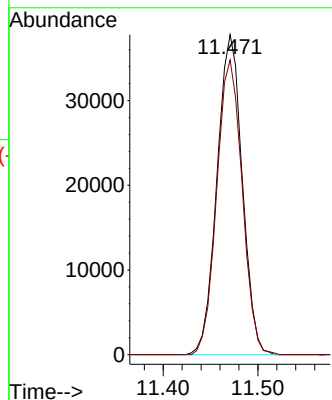
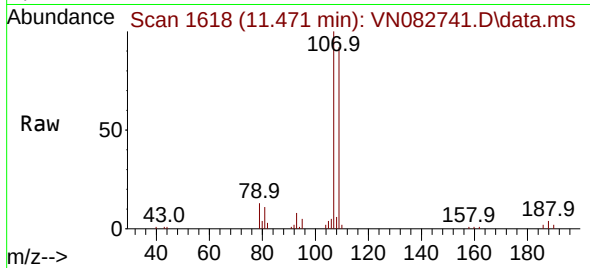
VSTDCCC050

Tgt Ion:107 Resp: 69864
Ion Ratio Lower Upper
107 100
109 92.9 73.7 110.5

Manual Integrations

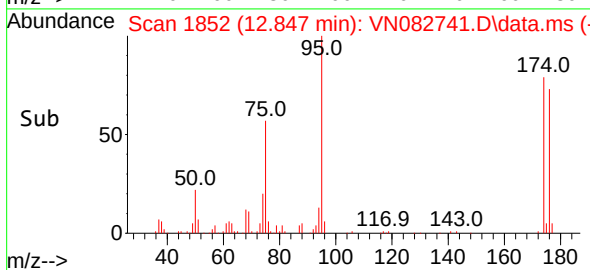
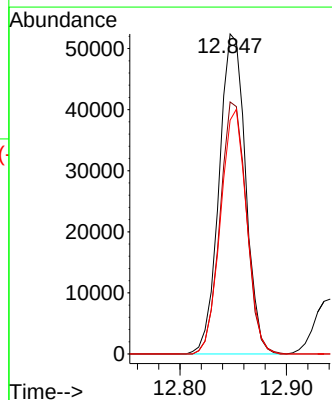
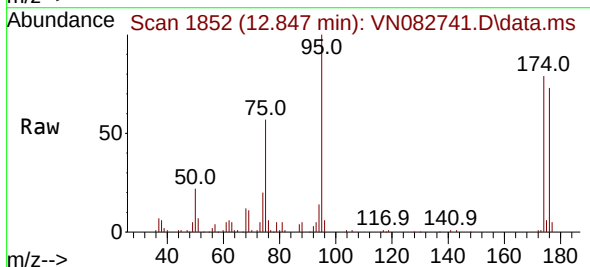
APPROVED

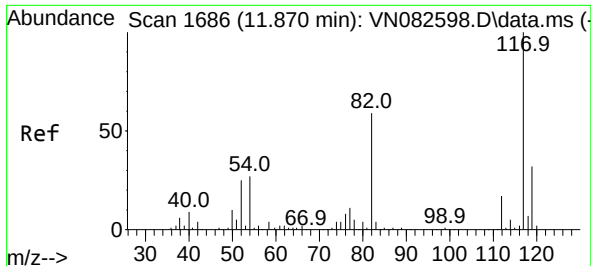
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#62
4-Bromofluorobenzene
Concen: 53.173 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

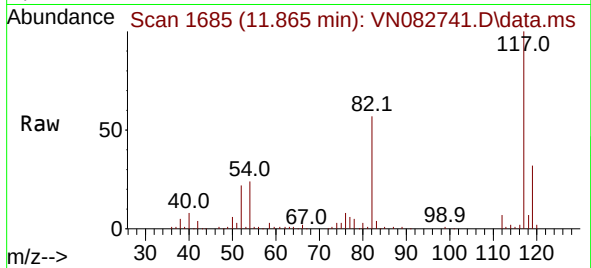
Tgt Ion: 95 Resp: 90240
Ion Ratio Lower Upper
95 100
174 78.2 0.0 159.2
176 75.7 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1168
Delta R.T. -0.005 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

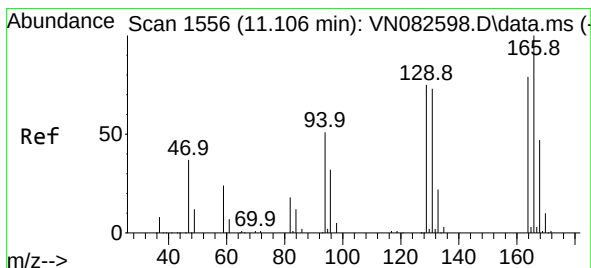
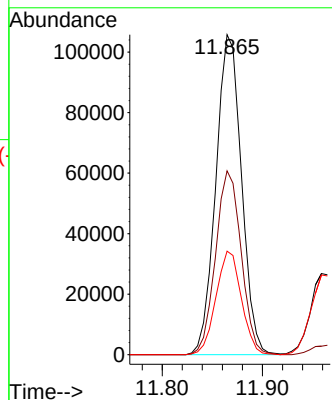
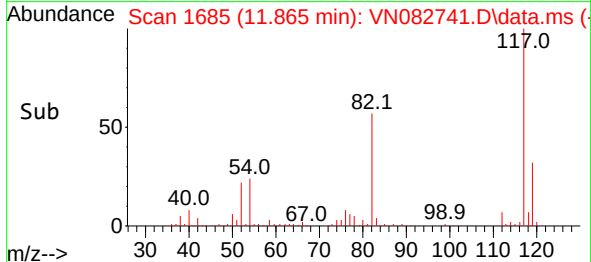
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 187794
Ion Ratio Lower Upper
117 100
82 57.4 47.5 71.3
119 32.3 25.6 38.4

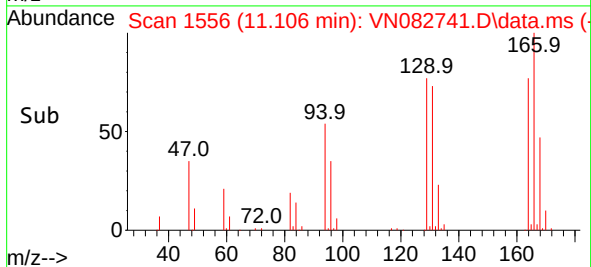
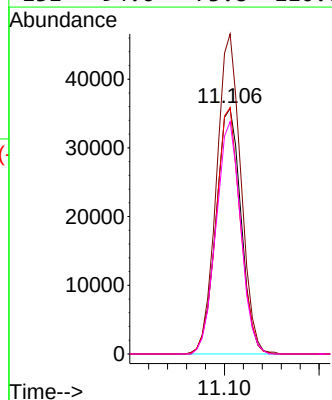
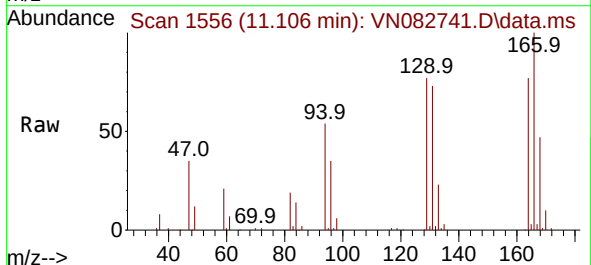
Manual Integrations
APPROVED

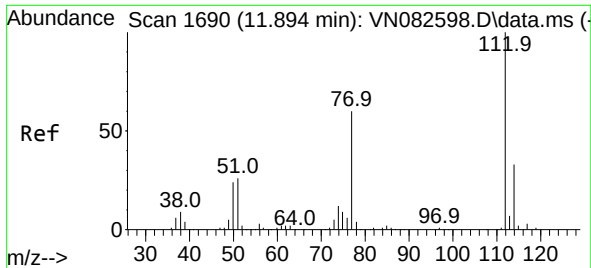
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#64
Tetrachloroethene
Concen: 46.710 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

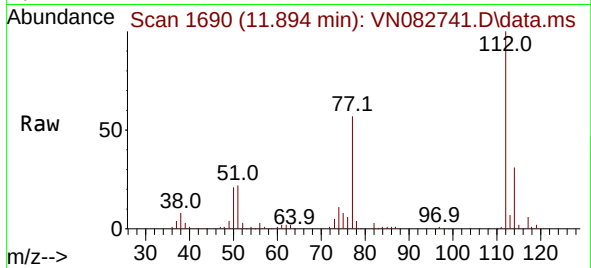
Tgt Ion:164 Resp: 65710
Ion Ratio Lower Upper
164 100
166 130.3 101.4 152.0
129 100.3 75.7 113.5
131 94.6 73.8 110.6





#65
Chlorobenzene
Concen: 48.060 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

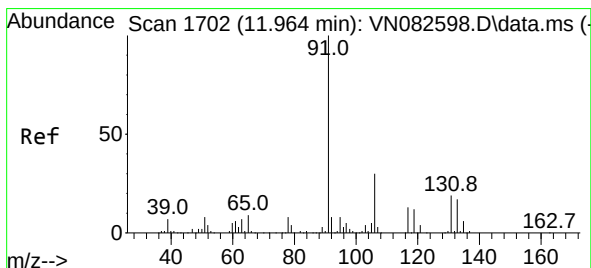
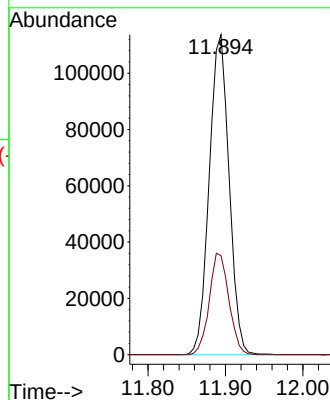
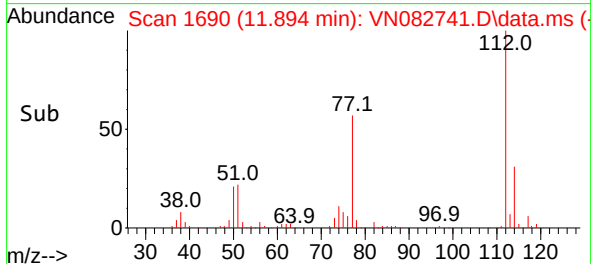
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 202460
Ion Ratio Lower Upper
112 100
114 31.0 26.2 39.2

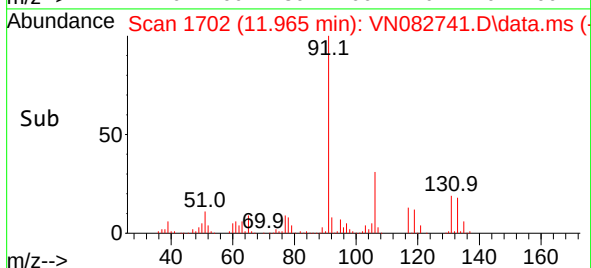
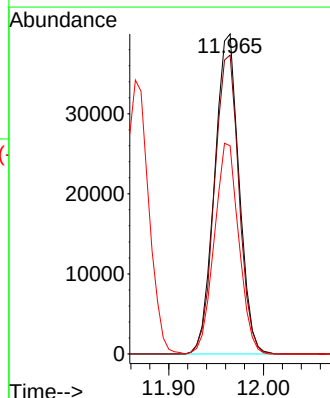
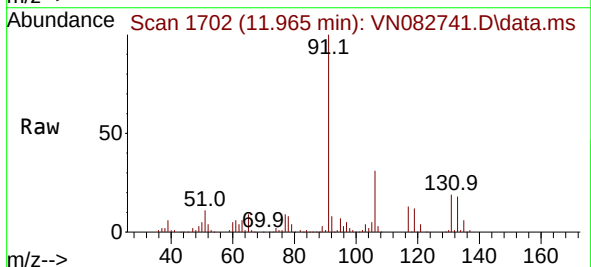
Manual Integrations
APPROVED

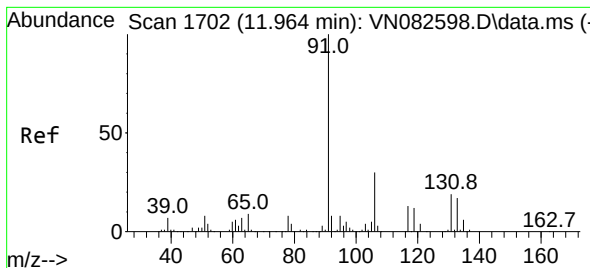
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 49.032 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

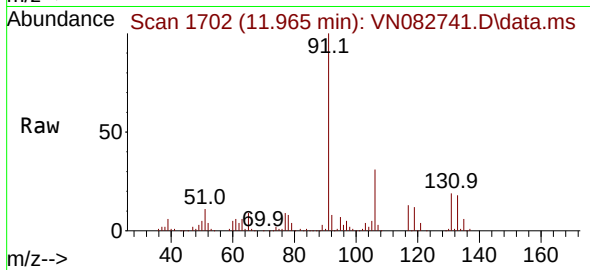
Tgt Ion:131 Resp: 71781
Ion Ratio Lower Upper
131 100
133 93.7 47.3 142.0
119 65.9 32.5 97.4





#67
Ethyl Benzene
Concen: 50.200 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

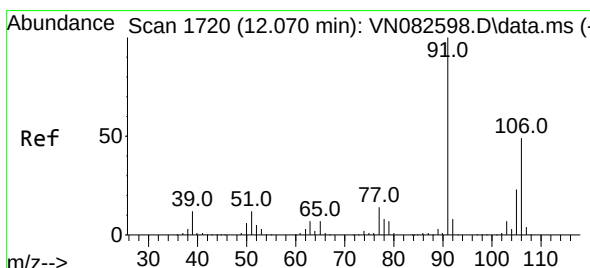
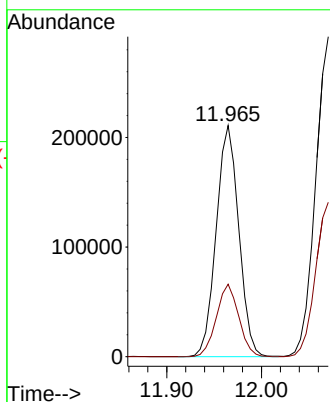
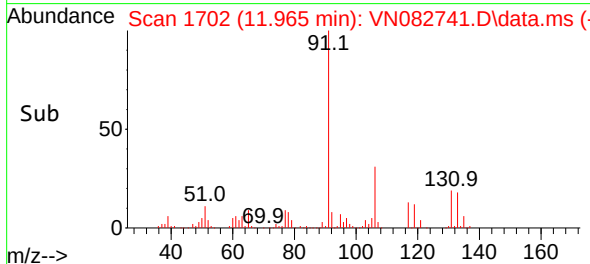
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 349002
Ion Ratio Lower Upper
91 100
106 31.4 24.0 36.0

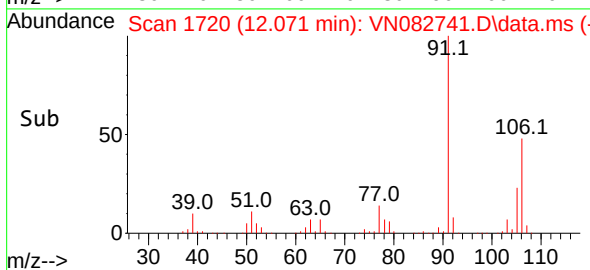
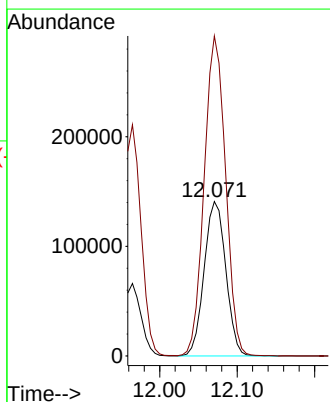
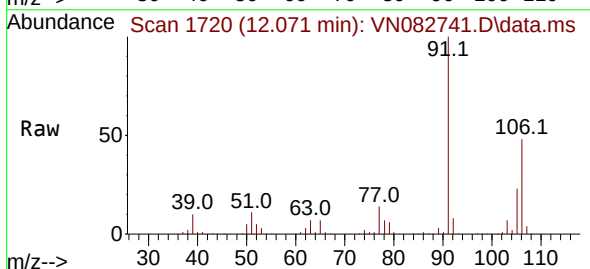
Manual Integrations
APPROVED

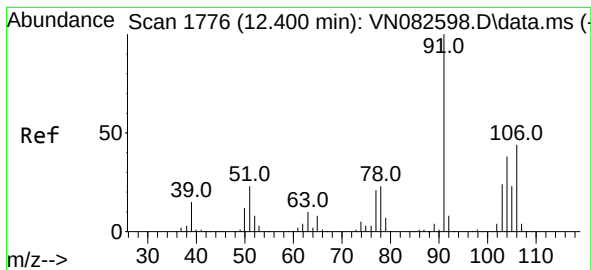
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#68
m/p-Xylenes
Concen: 105.712 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

Tgt Ion:106 Resp: 273457
Ion Ratio Lower Upper
106 100
91 204.8 166.1 249.1





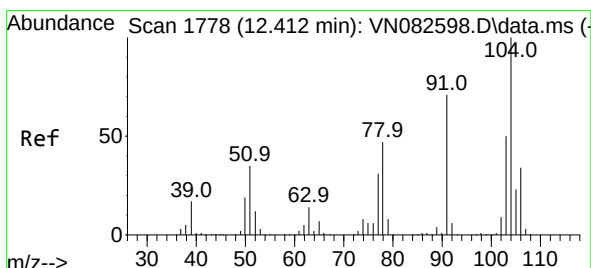
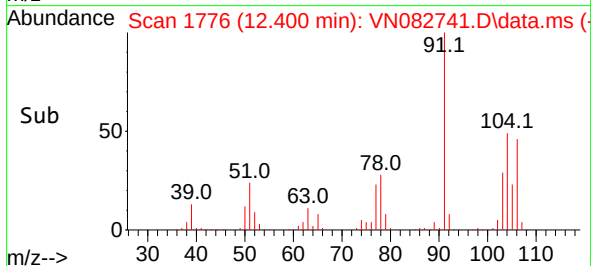
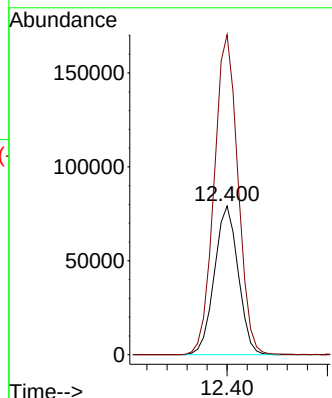
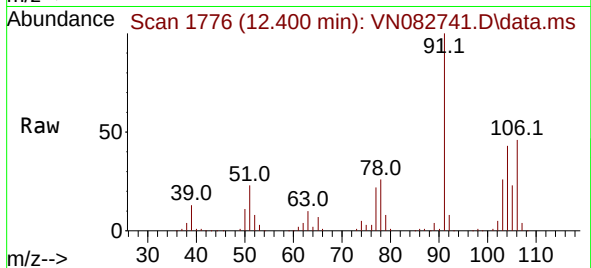
#69
o-Xylene
Concen: 52.292 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 13036
Ion Ratio Lower Upper
106 100
91 215.3 111.3 333.9

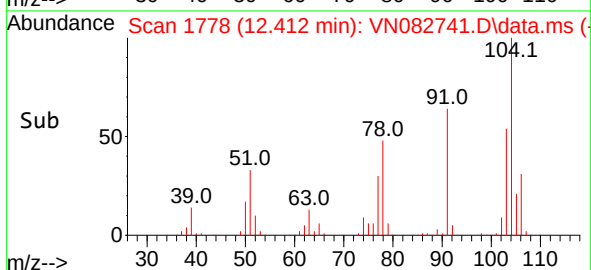
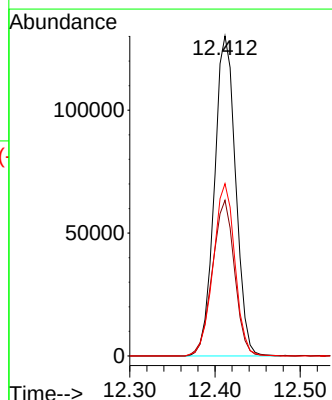
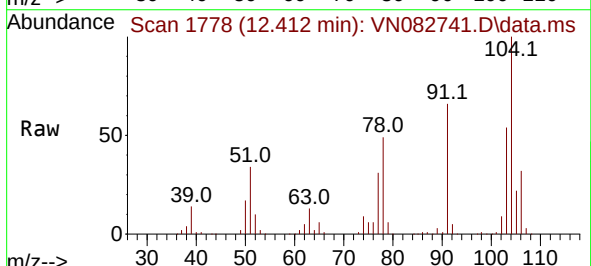
Manual Integrations
APPROVED

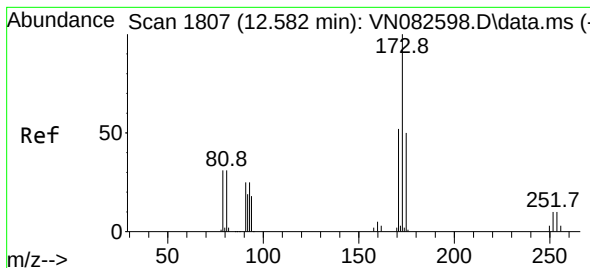
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#70
Styrene
Concen: 53.282 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

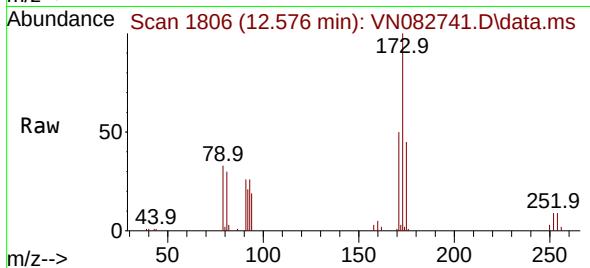
Tgt Ion:104 Resp: 225509
Ion Ratio Lower Upper
104 100
78 50.8 41.6 62.4
103 55.1 44.0 66.0





#71
Bromoform
Concen: 48.363 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

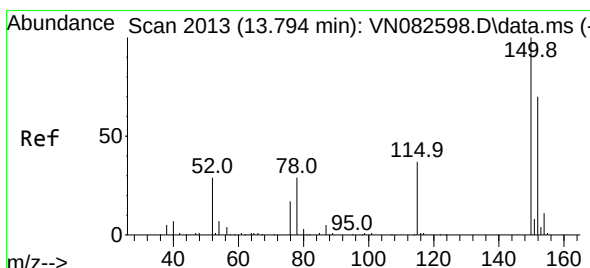
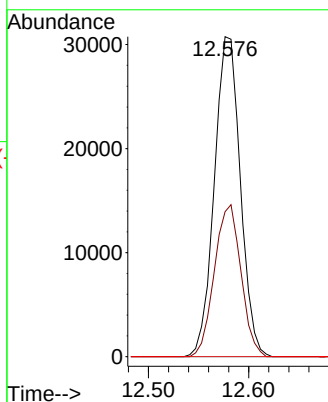
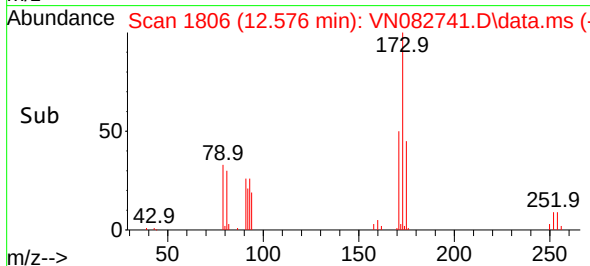
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 5537
Ion Ratio Lower Upper
173 100
175 48.5 24.0 72.0
254 0.0 0.0 0.0

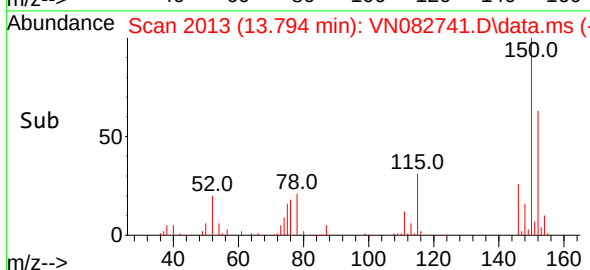
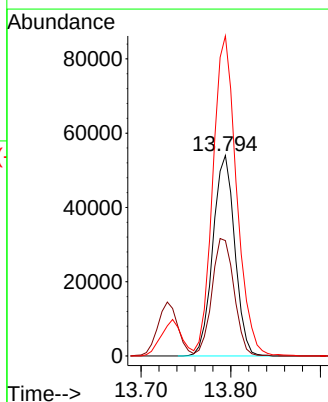
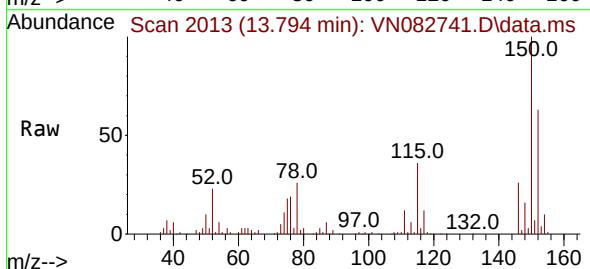
Manual Integrations
APPROVED

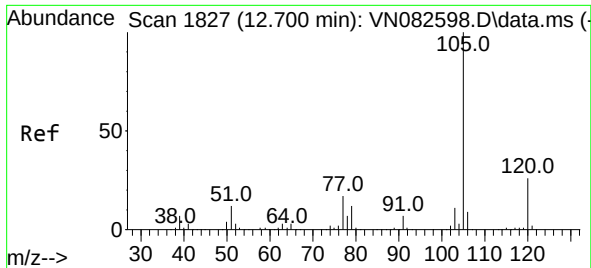
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

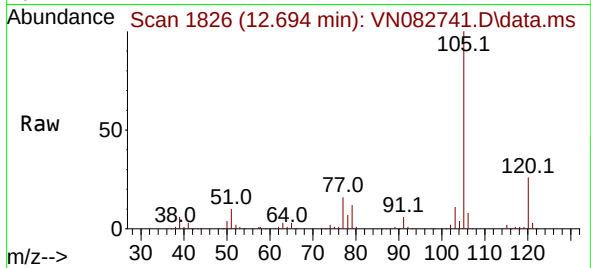
Tgt Ion:152 Resp: 91394
Ion Ratio Lower Upper
152 100
115 59.3 30.6 91.6
150 173.0 0.0 348.6





#73
Isopropylbenzene
Concen: 50.232 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

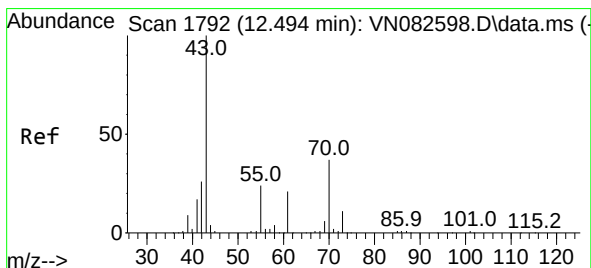
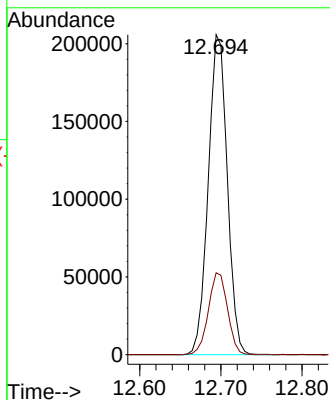
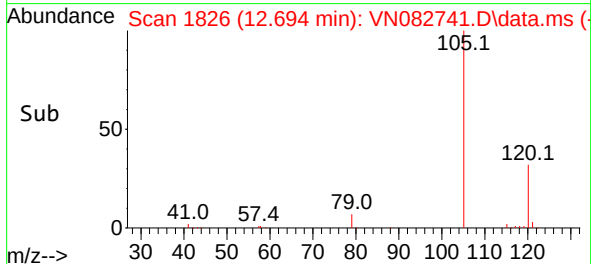
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



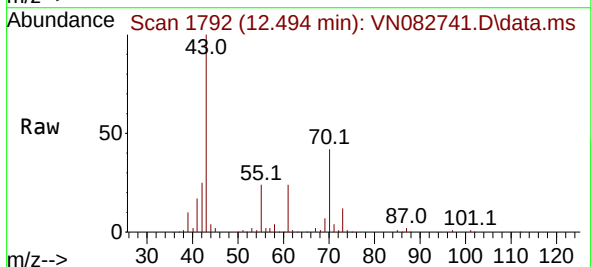
Tgt Ion:105 Resp: 334824
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

Manual Integrations
APPROVED

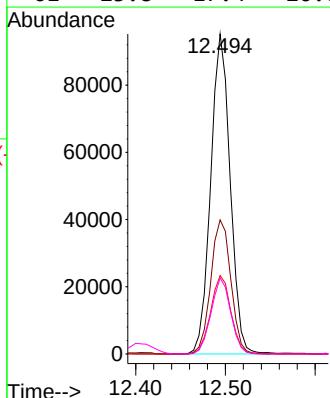
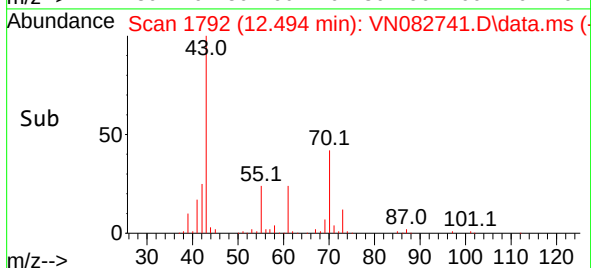
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

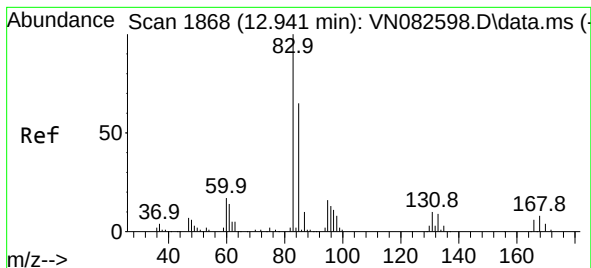


#74
N-ethyl acetate
Concen: 48.255 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21



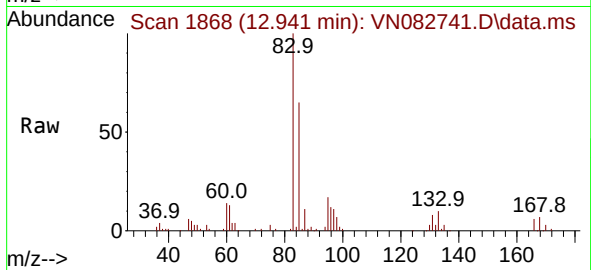
Tgt Ion: 43 Resp: 143561
Ion Ratio Lower Upper
43 100
70 43.2 29.8 44.6
55 25.4 18.7 28.1
61 23.8 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 40.339 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

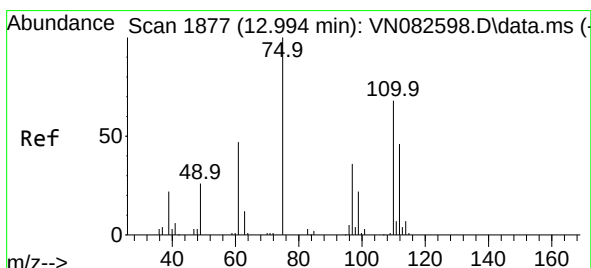
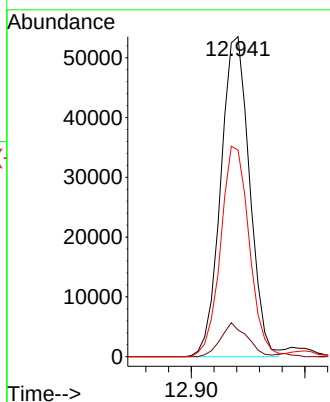
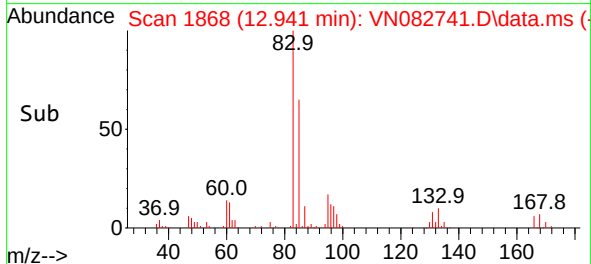
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 94338
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 65.2 31.9 95.7

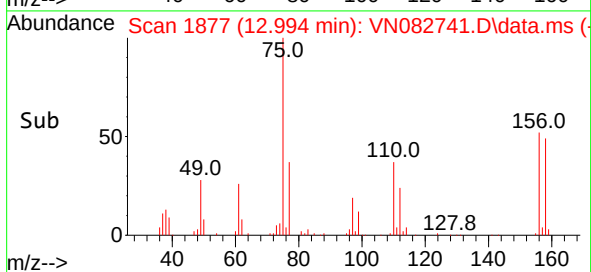
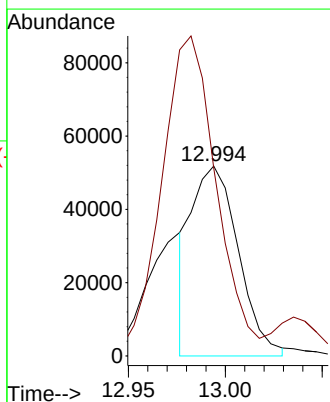
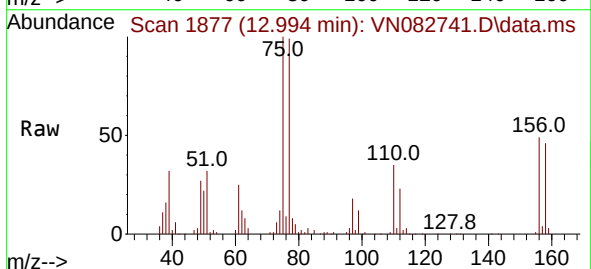
Manual Integrations
APPROVED

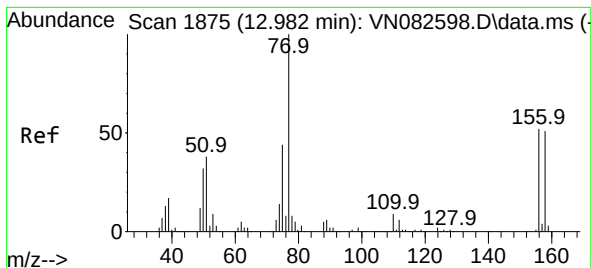
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#76
1,2,3-Trichloropropane
Concen: 43.475 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

Tgt Ion: 75 Resp: 86668
Ion Ratio Lower Upper
75 100
77 198.7 110.9 332.6





#77

Bromobenzene

Concen: 49.185 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082741.D

Acq: 28 Jun 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

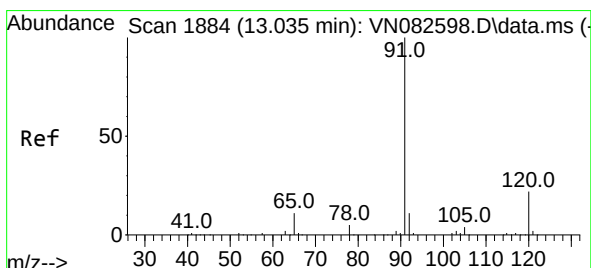
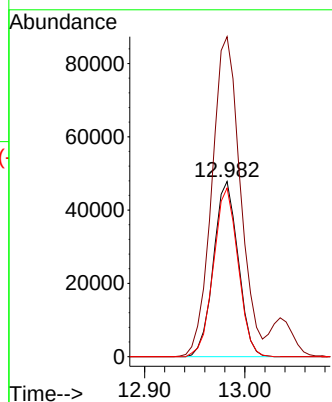
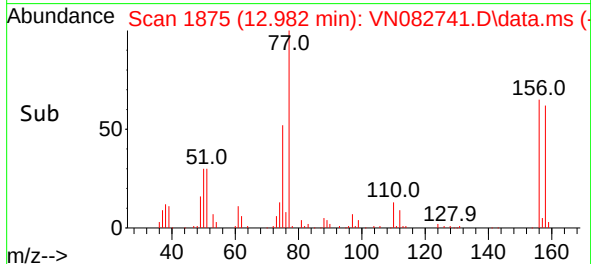
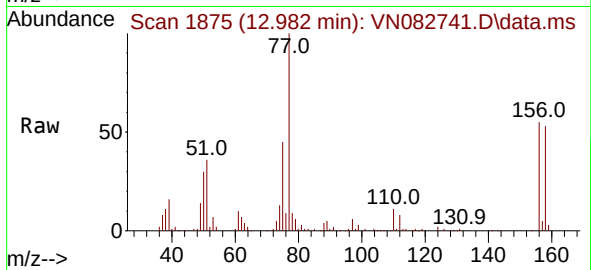
Tgt Ion:156 Resp: 8147
 Ion Ratio Lower Upper
 156 100
 77 211.3 111.3 333.8
 158 96.2 48.3 144.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#78

n-propylbenzene

Concen: 50.369 ug/l

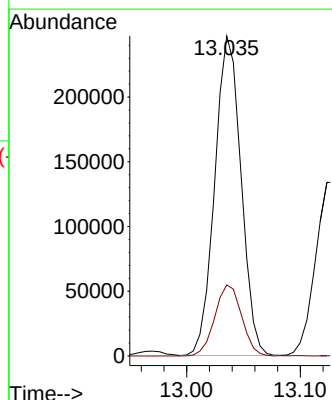
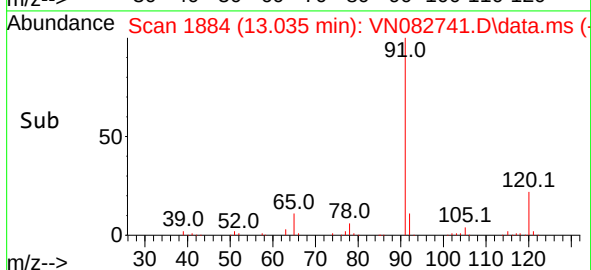
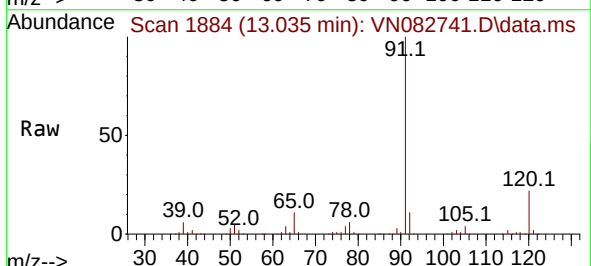
RT: 13.035 min Scan# 1884

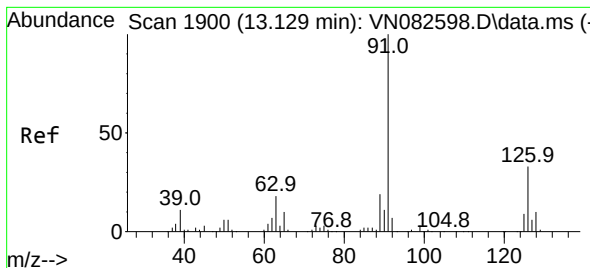
Delta R.T. 0.000 min

Lab File: VN082741.D

Acq: 28 Jun 2024 10:21

Tgt Ion: 91 Resp: 396430
 Ion Ratio Lower Upper
 91 100
 120 22.7 10.9 32.9





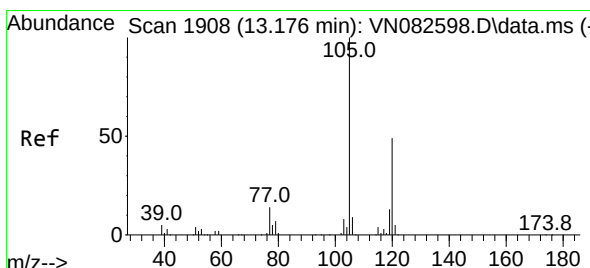
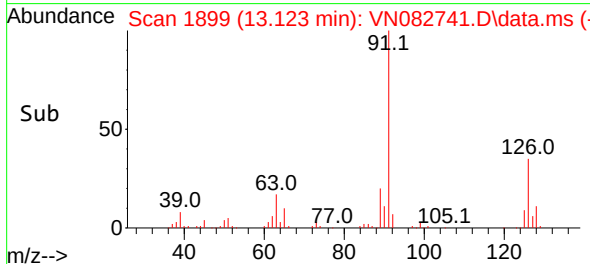
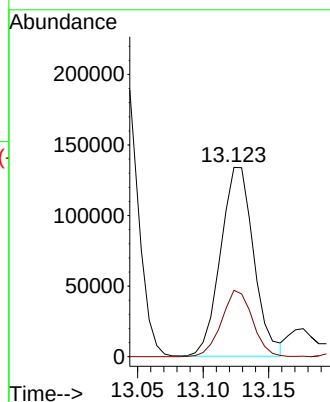
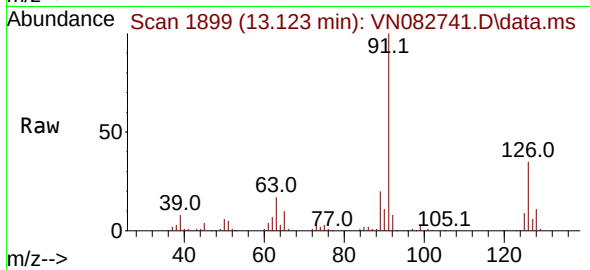
#79
2-Chlorotoluene
Concen: 47.874 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 236140
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6

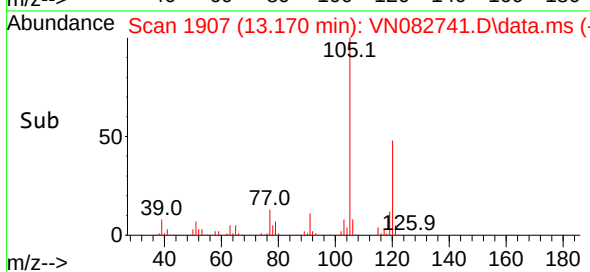
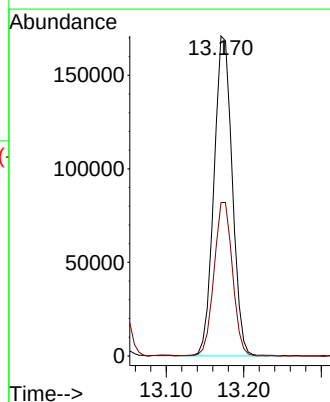
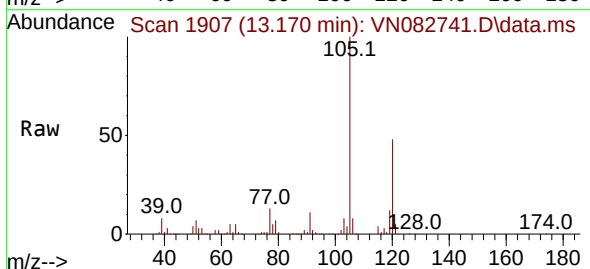
Manual Integrations
APPROVED

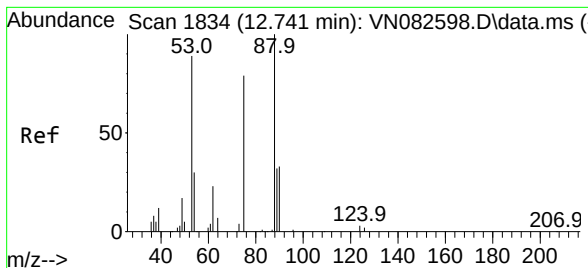
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.322 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

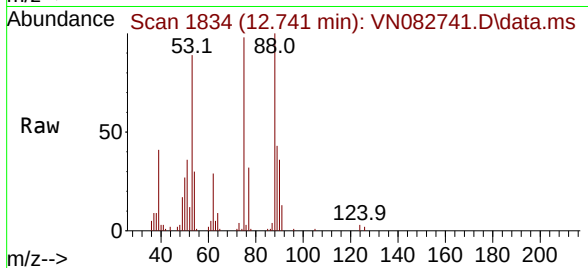
Tgt Ion:105 Resp: 281010
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 51.131 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

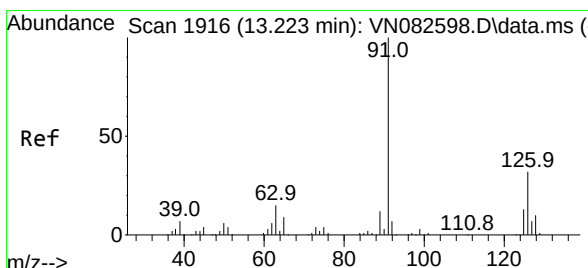
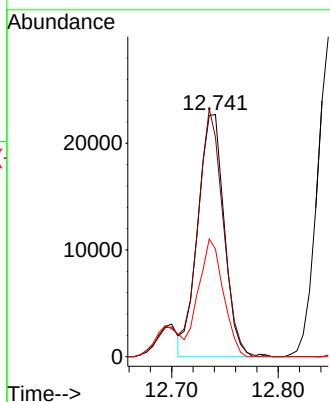
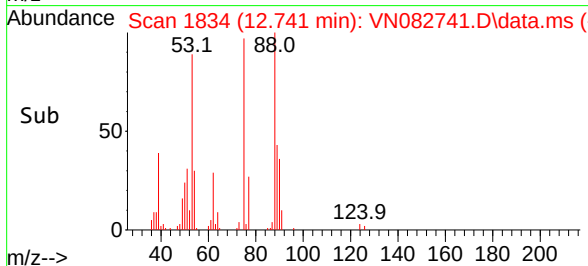
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



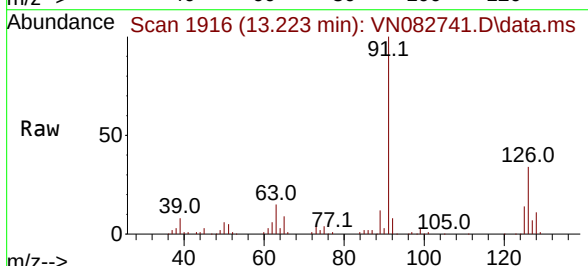
Tgt Ion: 75 Resp: 39085
Ion Ratio Lower Upper
75 100
53 108.3 88.4 132.6
89 45.6 36.3 54.5

Manual Integrations
APPROVED

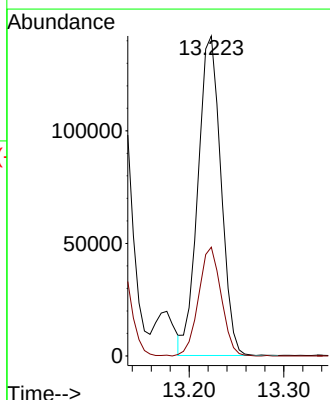
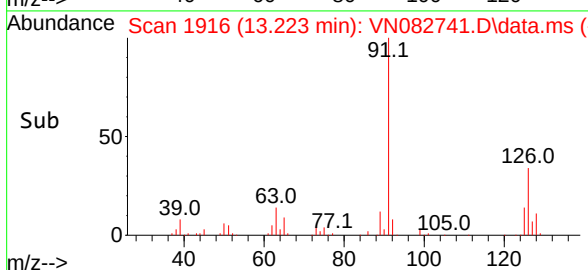
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

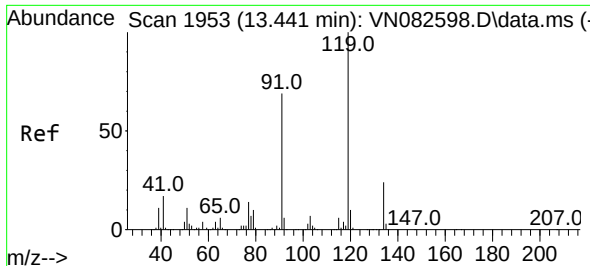


#82
4-Chlorotoluene
Concen: 49.090 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21



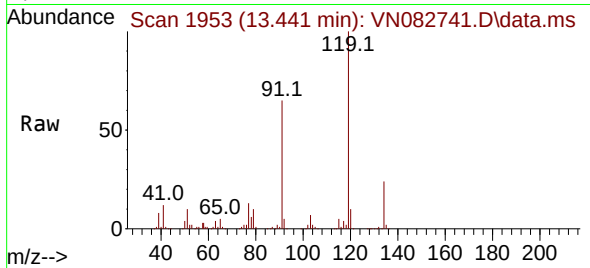
Tgt Ion: 91 Resp: 238932
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.6





#83
tert-Butylbenzene
Concen: 50.979 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

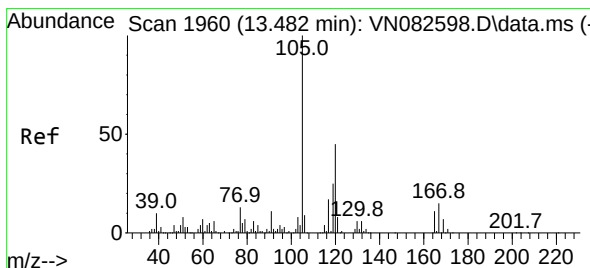
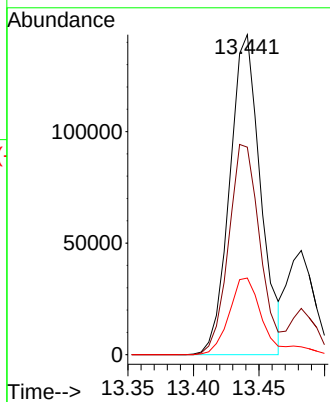
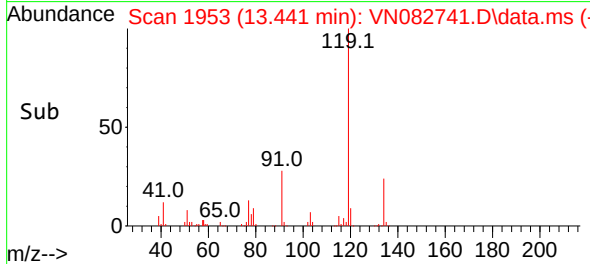
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



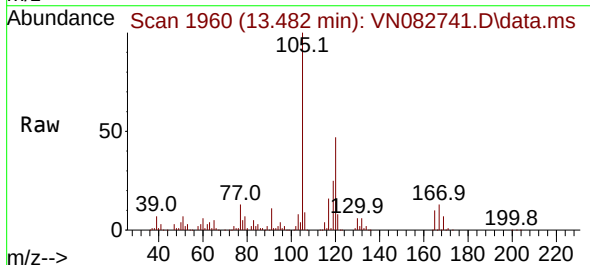
Tgt Ion:119 Resp: 234900
Ion Ratio Lower Upper
119 100
91 66.3 35.0 105.1
134 26.7 13.3 39.8

Manual Integrations
APPROVED

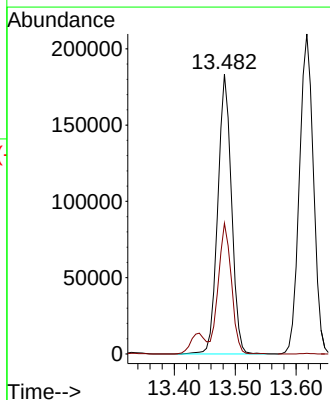
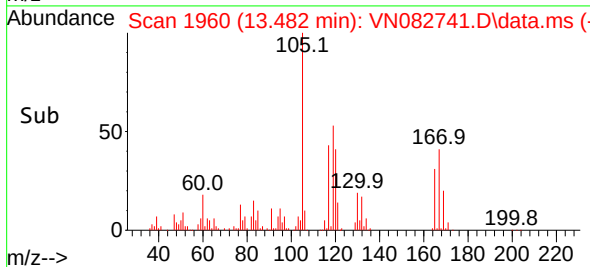
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

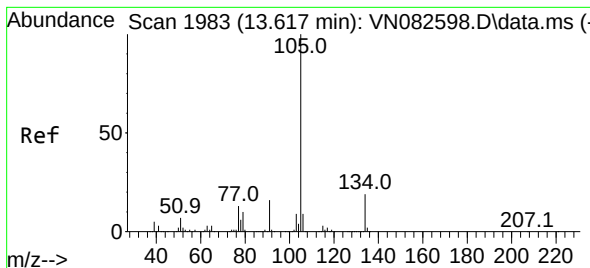


#84
1,2,4-Trimethylbenzene
Concen: 52.826 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21



Tgt Ion:105 Resp: 285890
Ion Ratio Lower Upper
105 100
120 45.1 21.9 65.8





#85

sec-Butylbenzene

Concen: 51.970 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.001 min

Lab File: VN082741.D

Acq: 28 Jun 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 33554

Ion Ratio Lower Upper

105 100

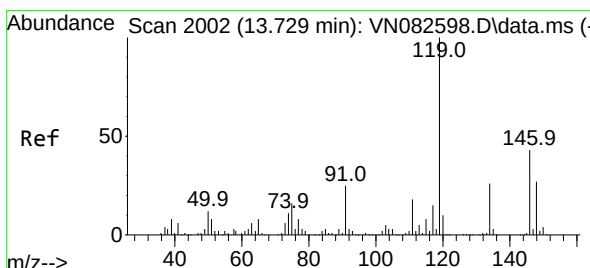
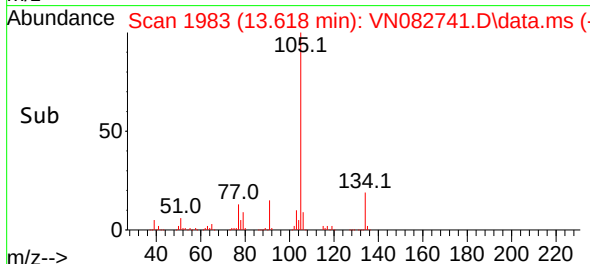
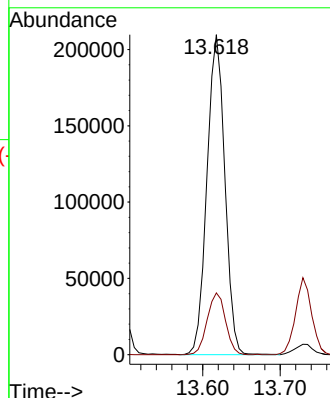
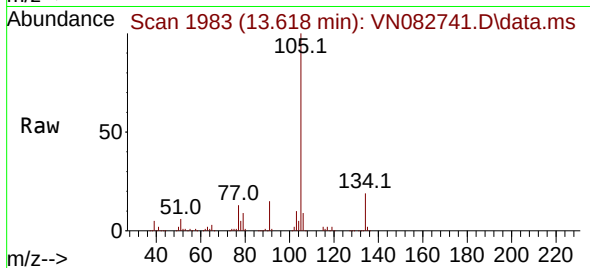
134 19.7 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#86

p-Isopropyltoluene

Concen: 54.125 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082741.D

Acq: 28 Jun 2024 10:21

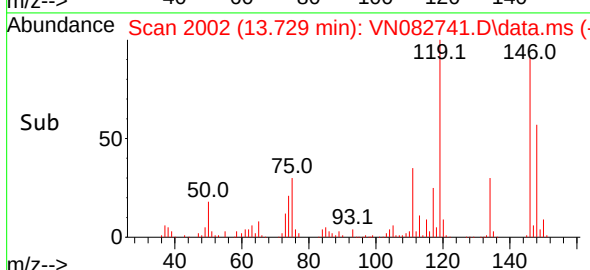
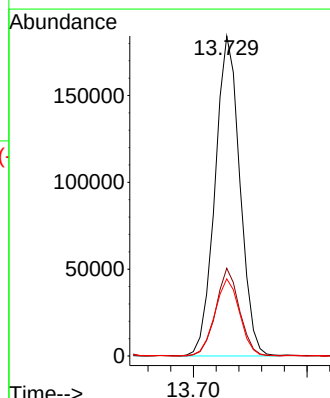
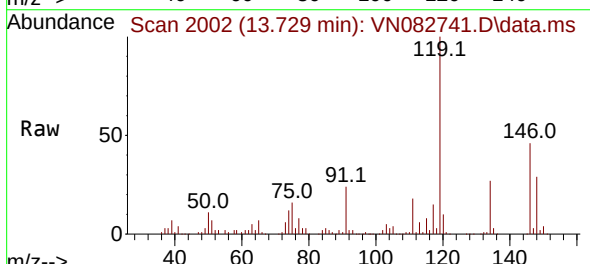
Tgt Ion:119 Resp: 279988

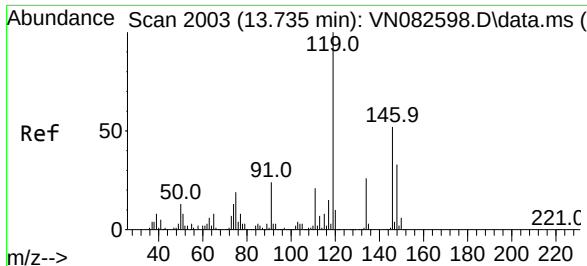
Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

91 24.2 12.3 36.9





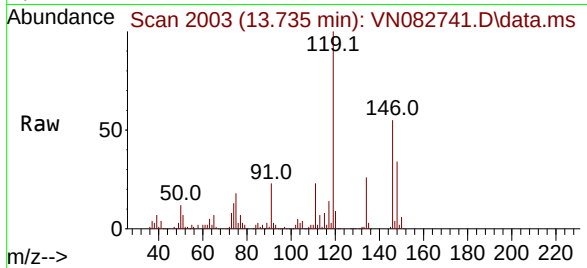
#87
 1,3-Dichlorobenzene
 Concen: 47.988 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN082741.D
 Acq: 28 Jun 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



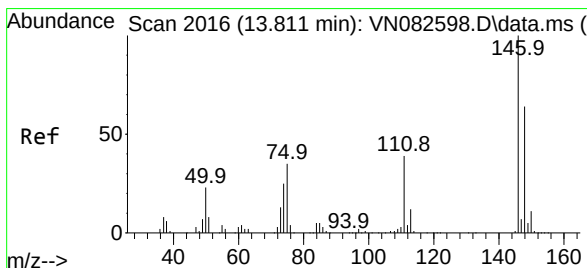
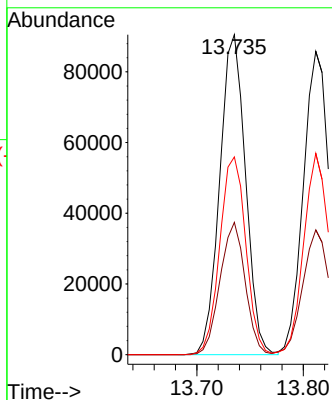
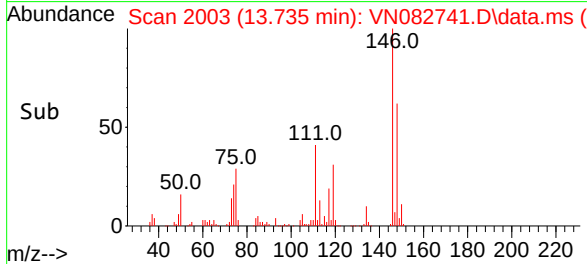
Tgt Ion:146 Resp: 15221
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.6 61.9
 148 62.3 31.8 95.3

Manual Integrations

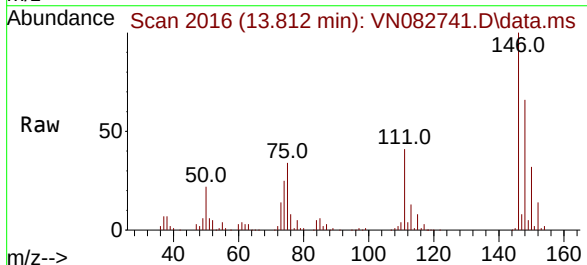
APPROVED

Reviewed By :John Carlone 07/01/2024

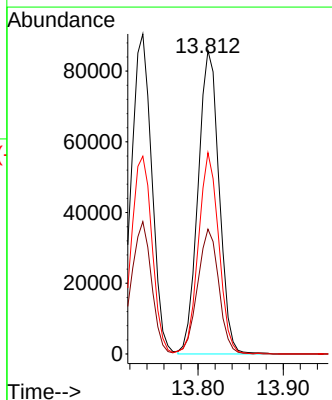
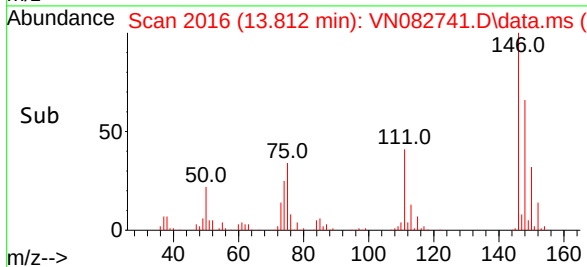
Supervised By :Mahesh Dadoda 07/01/2024

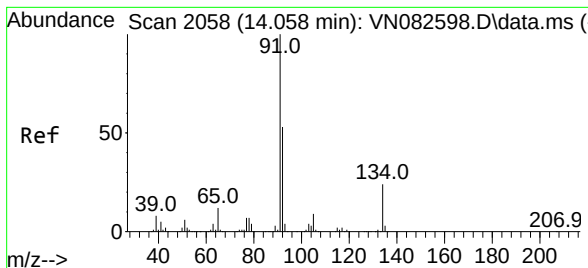


#88
 1,4-Dichlorobenzene
 Concen: 44.618 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.001 min
 Lab File: VN082741.D
 Acq: 28 Jun 2024 10:21



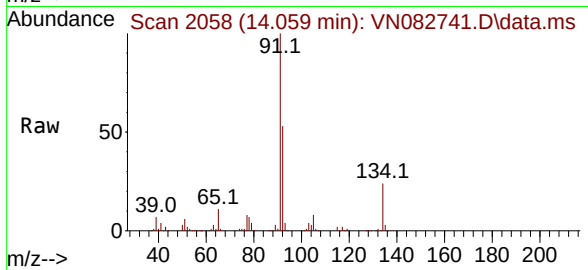
Tgt Ion:146 Resp: 147300
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.1 60.3
 148 64.1 32.2 96.6





#89
n-Butylbenzene
Concen: 51.909 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

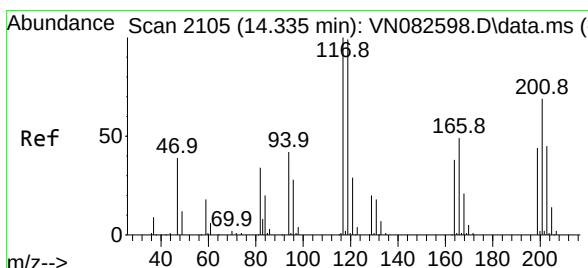
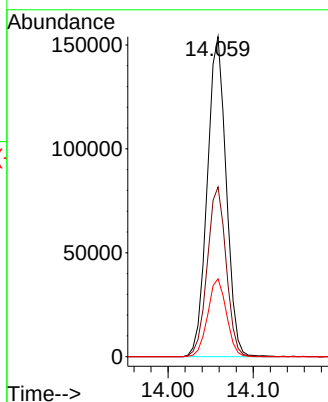
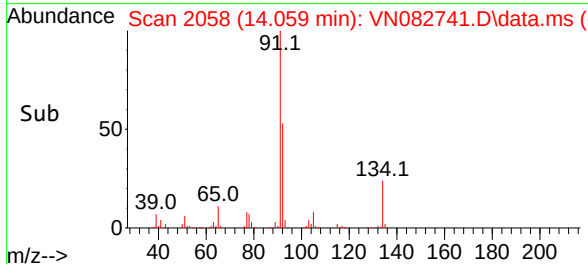
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 23778
Ion Ratio Lower Upper
91 100
92 52.9 26.1 78.3
134 24.0 12.1 36.3

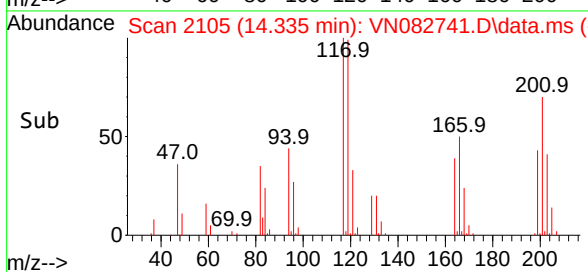
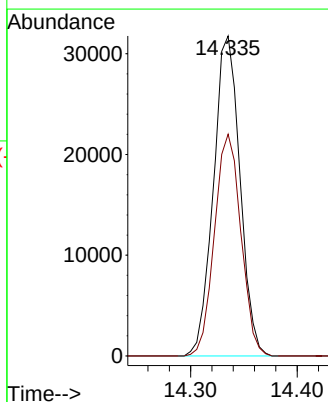
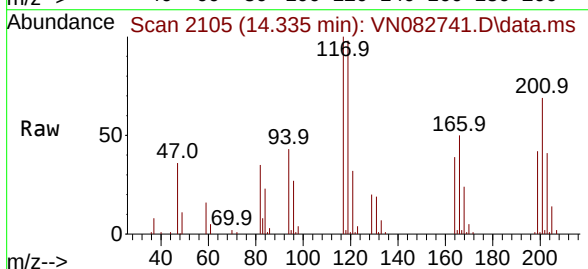
Manual Integrations
APPROVED

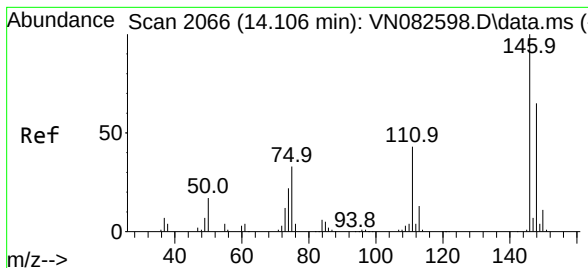
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#90
Hexachloroethane
Concen: 47.811 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

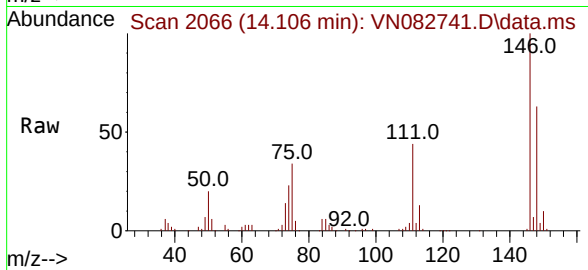
Tgt Ion:117 Resp: 54917
Ion Ratio Lower Upper
117 100
201 69.0 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 47.449 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

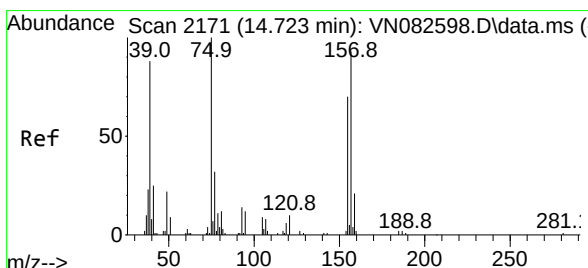
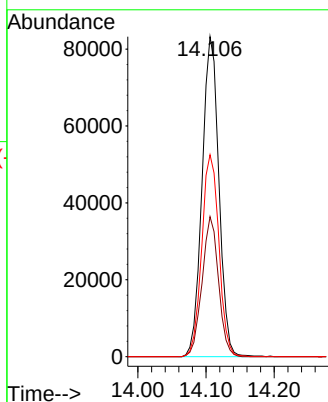
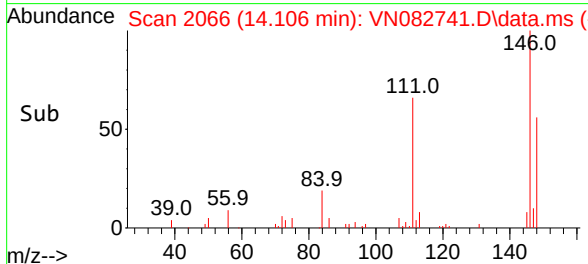
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



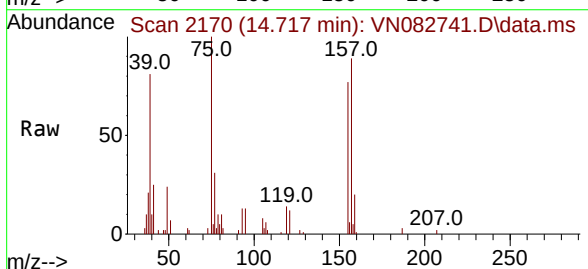
Tgt Ion:146 Resp: 142935
Ion Ratio Lower Upper
146 100
111 42.7 21.4 64.2
148 64.2 32.1 96.5

Manual Integrations
APPROVED

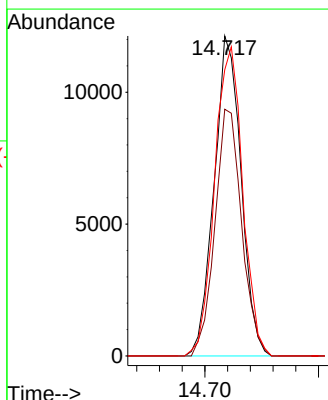
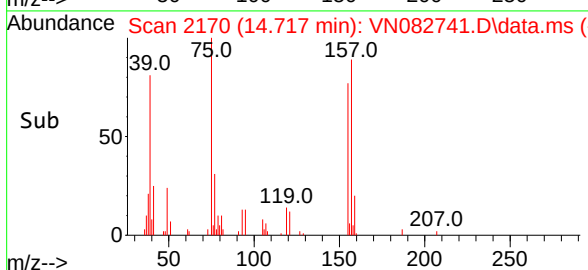
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

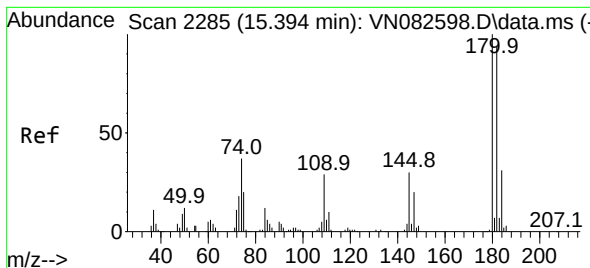


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.384 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21



Tgt Ion: 75 Resp: 19996
Ion Ratio Lower Upper
75 100
155 76.7 36.6 109.8
157 100.7 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 49.936 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082741.D

Acq: 28 Jun 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

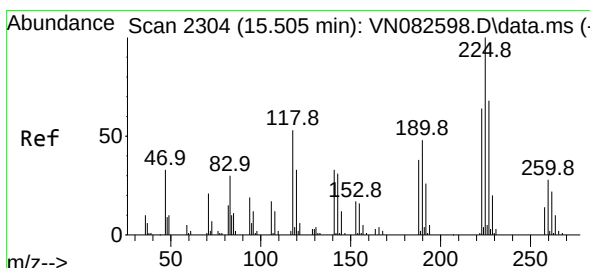
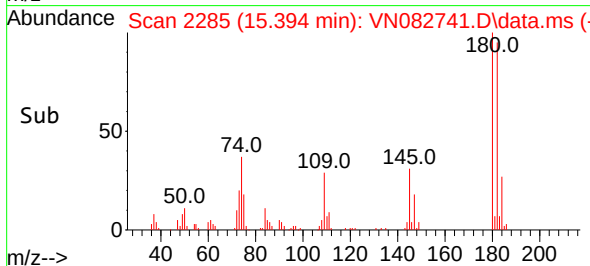
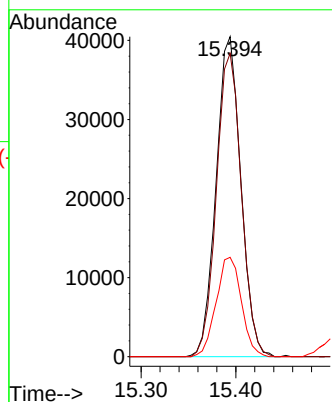
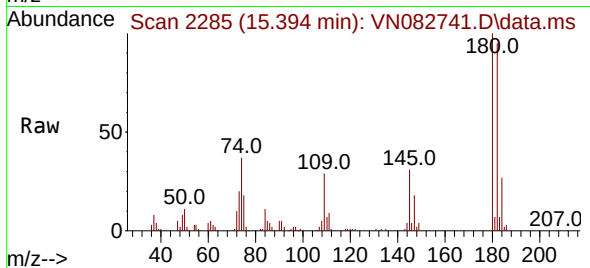
Tgt Ion:180	Resp:	7343
Ion Ratio	Lower	Upper
180	100	
182	95.5	47.3 141.8
145	31.7	15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#94

Hexachlorobutadiene

Concen: 45.755 ug/l

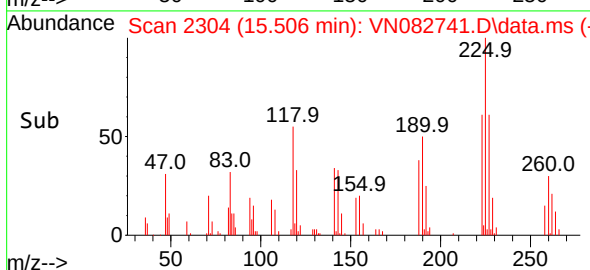
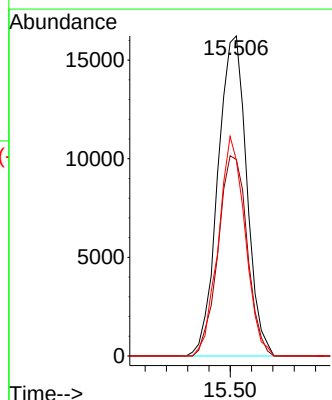
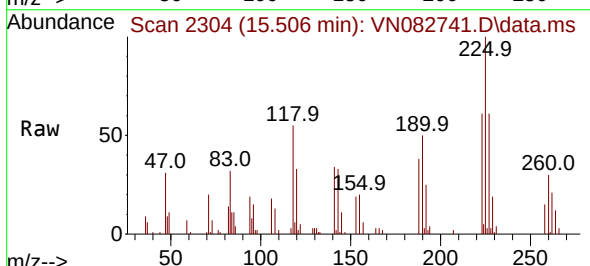
RT: 15.506 min Scan# 2304

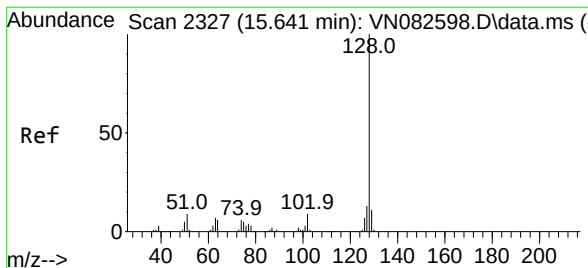
Delta R.T. 0.001 min

Lab File: VN082741.D

Acq: 28 Jun 2024 10:21

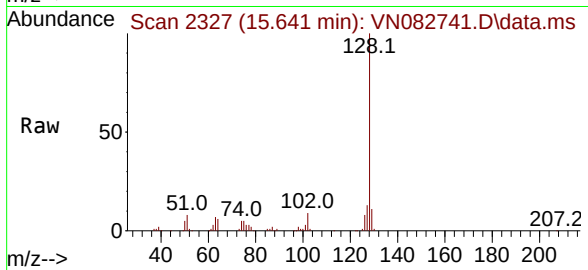
Tgt Ion:225	Resp:	30436
Ion Ratio	Lower	Upper
225	100	
223	63.0	31.9 95.7
227	63.7	32.5 97.5





#95
Naphthalene
Concen: 50.463 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

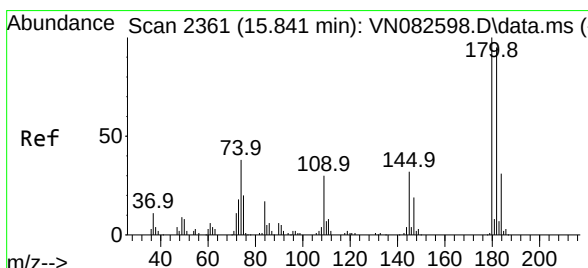
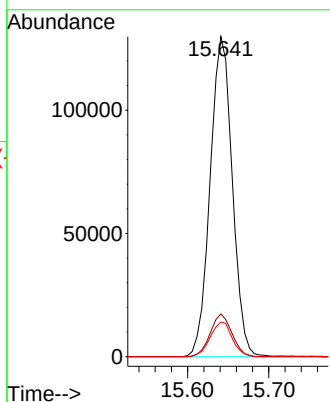
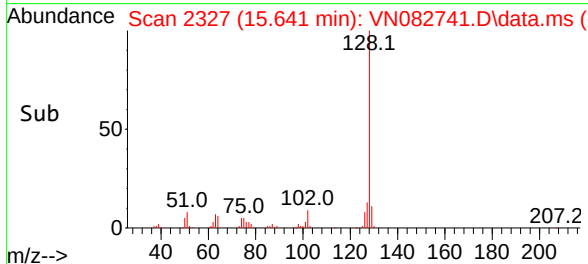
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 246478
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#96
1,2,3-Trichlorobenzene
Concen: 47.660 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082741.D
Acq: 28 Jun 2024 10:21

Tgt Ion:180 Resp: 74745
Ion Ratio Lower Upper
180 100
182 93.9 48.9 146.8
145 33.4 16.8 50.4

