

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062024\
 Data File : VN082656.D
 Acq On : 20 Jun 2024 10:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 02:00:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	179738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	293725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	277532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	149103	51.730	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.460%			
35) Dibromofluoromethane	8.165	113	105656	53.024	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.040%			
50) Toluene-d8	10.571	98	414051	54.948	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.900%			
62) 4-Bromofluorobenzene	12.847	95	145227	55.902	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 111.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	119141	47.462	ug/l	99
3) Chloromethane	2.359	50	135208	44.931	ug/l	96
4) Vinyl Chloride	2.512	62	131929	46.068	ug/l	98
5) Bromomethane	2.942	94	81598	44.263	ug/l	94
6) Chloroethane	3.112	64	96843	47.423	ug/l	97
7) Trichlorofluoromethane	3.495	101	178145	47.681	ug/l	100
8) Diethyl Ether	3.953	74	60900	47.862	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	103253	49.339	ug/l	99
10) Methyl Iodide	4.583	142	110728	55.546	ug/l	97
11) Tert butyl alcohol	5.524	59	116671	247.321	ug/l	98
12) 1,1-Dichloroethene	4.342	96	97462	48.701	ug/l	93
13) Acrolein	4.183	56	104838	218.163	ug/l	98
14) Allyl chloride	5.018	41	178474	45.600	ug/l	96
15) Acrylonitrile	5.724	53	310947	249.714	ug/l	99
16) Acetone	4.430	43	311249	237.439	ug/l	98
17) Carbon Disulfide	4.712	76	282994	44.528	ug/l	99
18) Methyl Acetate	5.030	43	156907	48.940	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	352939	51.522	ug/l	97
20) Methylene Chloride	5.277	84	115223	49.997	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	105386	49.550	ug/l	98
22) Diisopropyl ether	6.671	45	427489	52.081	ug/l	97
23) Vinyl Acetate	6.606	43	1698574	260.959	ug/l	99
24) 1,1-Dichloroethane	6.571	63	225285	50.667	ug/l	99
25) 2-Butanone	7.483	43	471897	253.270	ug/l	100
26) 2,2-Dichloropropane	7.494	77	191788	49.721	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	125869	49.116	ug/l	99
28) Bromochloromethane	7.812	49	101702	50.120	ug/l	99
29) Tetrahydrofuran	7.841	42	308619	270.571	ug/l	99
30) Chloroform	7.965	83	222690	51.342	ug/l	99
31) Cyclohexane	8.259	56	188470	45.308	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	195869	49.799	ug/l	98
36) 1,1-Dichloropropene	8.371	75	157573	52.900	ug/l	99
37) Ethyl Acetate	7.565	43	188293	49.625	ug/l	98
38) Carbon Tetrachloride	8.365	117	174172	51.885	ug/l	99
39) Methylcyclohexane	9.606	83	164871	52.594	ug/l	96
40) Benzene	8.606	78	481080	52.269	ug/l	96

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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	7.783	41	100984	52.066	ug/l	99
42) 1,2-Dichloroethane	8.671	62	182903	52.244	ug/l	99
43) Isopropyl Acetate	8.688	43	342012	48.232	ug/l	99
44) Trichloroethene	9.353	130	107734	50.409	ug/l	99
45) 1,2-Dichloropropane	9.624	63	127534	53.833	ug/l	99
46) Dibromomethane	9.712	93	85349	53.146	ug/l	98
47) Bromodichloromethane	9.888	83	180923	52.843	ug/l	98
48) Methyl methacrylate	9.682	41	152111	52.036	ug/l	100
49) 1,4-Dioxane	9.694	88	52941	1157.833	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	1000083	274.970	ug/l	100
52) Toluene	10.629	92	306307	54.915	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	187405	53.543	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	196821	54.379	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	111796	55.376	ug/l	97
56) Ethyl methacrylate	10.876	69	188467	56.365	ug/l	98
57) 1,3-Dichloropropane	11.165	76	202299	54.204	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	488360	276.092	ug/l	98
59) 2-Hexanone	11.194	43	762201	275.727	ug/l	99
60) Dibromochloromethane	11.359	129	137173	55.661	ug/l	100
61) 1,2-Dibromoethane	11.471	107	111877	52.560	ug/l	96
64) Tetrachloroethene	11.106	164	105771	46.222	ug/l	95
65) Chlorobenzene	11.894	112	324858	51.044	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	118038	52.014	ug/l	99
67) Ethyl Benzene	11.965	91	583667	53.823	ug/l	99
68) m/p-Xylenes	12.071	106	445631	110.459	ug/l	99
69) o-Xylene	12.400	106	207997	54.876	ug/l	98
70) Styrene	12.412	104	373209	58.014	ug/l	100
71) Bromoform	12.576	173	95786	53.386	ug/l #	99
73) Isopropylbenzene	12.700	105	537602	49.795	ug/l	98
74) N-amyl acetate	12.494	43	283183	49.148	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	167435	47.544	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	159021m	45.729	ug/l	
77) Bromobenzene	12.982	156	134567	48.423	ug/l	98
78) n-propylbenzene	13.035	91	667326	52.255	ug/l	100
79) 2-Chlorotoluene	13.129	91	398659	49.779	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	461225	52.642	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	75770	52.128	ug/l	95
82) 4-Chlorotoluene	13.223	91	400679	50.083	ug/l	99
83) tert-Butylbenzene	13.441	119	384710	51.548	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	472217	53.727	ug/l	99
85) sec-Butylbenzene	13.617	105	548646	51.763	ug/l	100
86) p-Isopropyltoluene	13.729	119	461498	54.069	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	250764	49.768	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	250939	47.647	ug/l	98
89) n-Butylbenzene	14.059	91	391492	51.708	ug/l	100
90) Hexachloroethane	14.335	117	89956	48.439	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	240173	48.817	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	35244	47.288	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	123213	47.494	ug/l	99
94) Hexachlorobutadiene	15.506	225	54238	42.402	ug/l	99
95) Naphthalene	15.641	128	407180	51.016	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	126960	48.022	ug/l	98

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VSTDCCC050

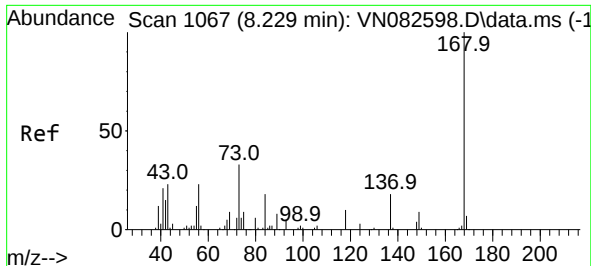
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/21/2024

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

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



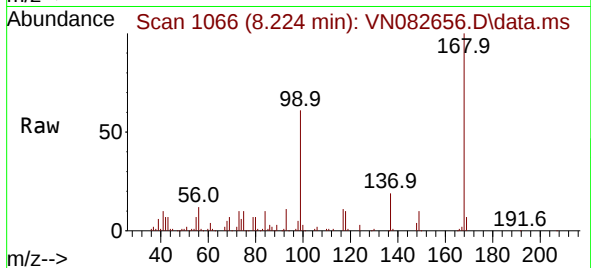
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

Instrument :

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VSTDCCC050



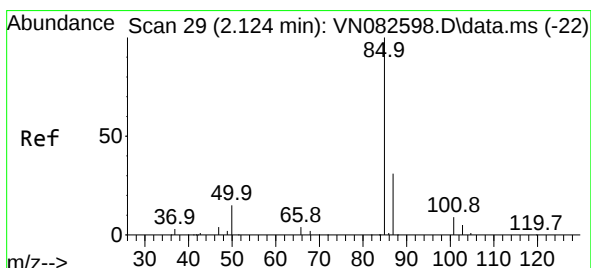
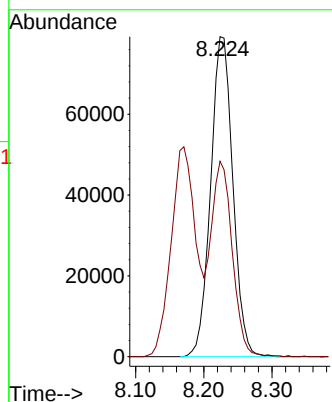
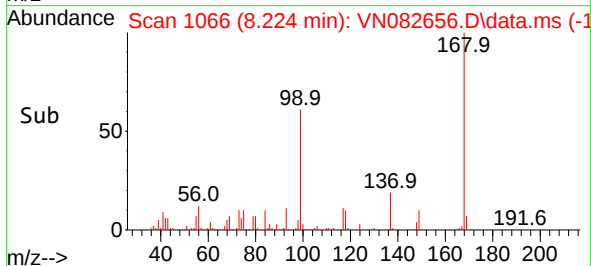
Tgt Ion:168 Resp: 179738
Ion Ratio Lower Upper
168 100
99 60.8 48.2 72.4

Manual Integrations

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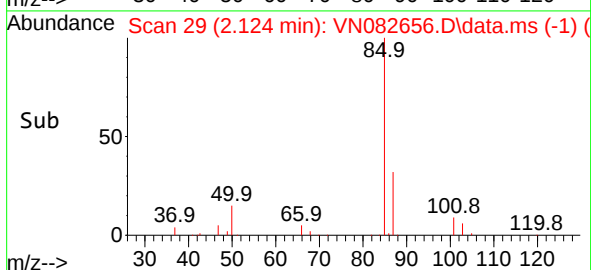
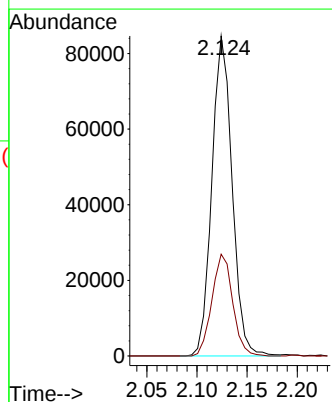
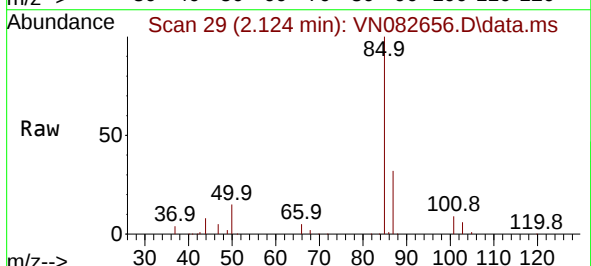
Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#2
Dichlorodifluoromethane
Concen: 47.462 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

Tgt Ion: 85 Resp: 119141
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.0





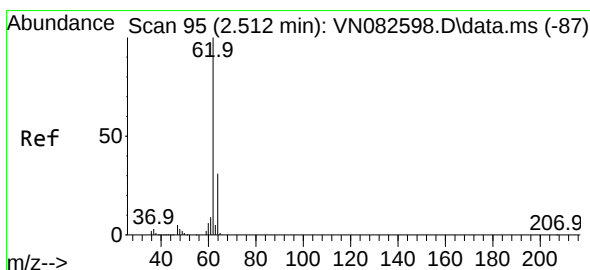
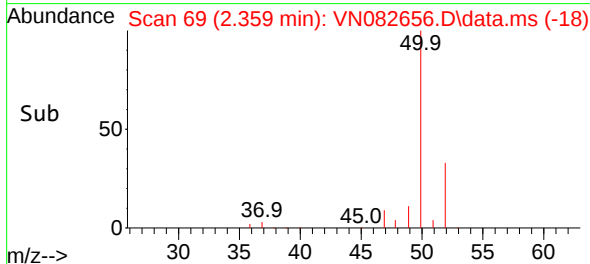
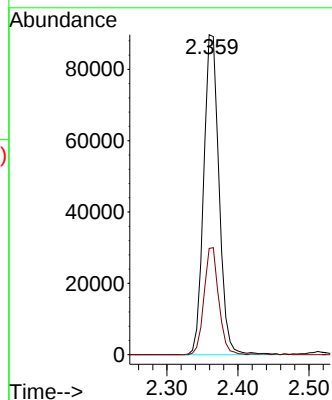
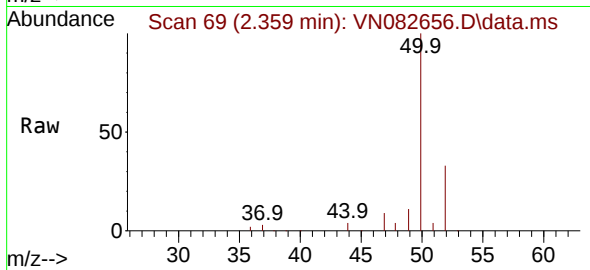
#3
Chloromethane
Concen: 44.931 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

Instrument :
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VSTDCCC050

Tgt Ion: 50 Resp: 135208
Ion Ratio Lower Upper
50 100
52 33.2 25.0 37.4

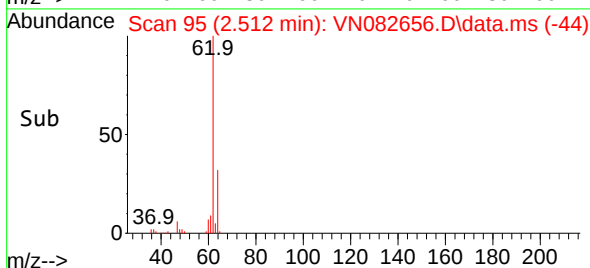
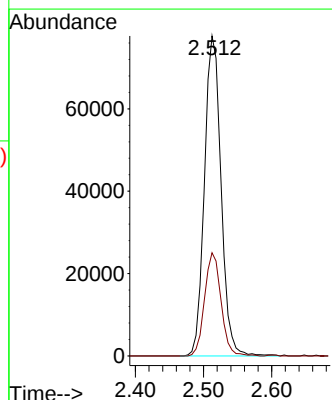
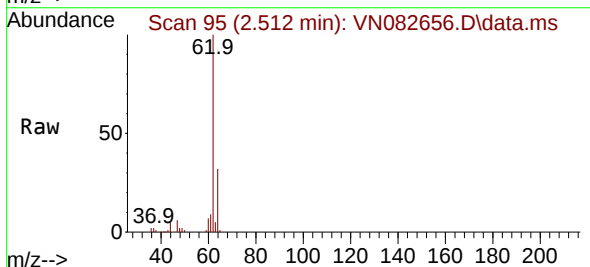
Manual Integrations
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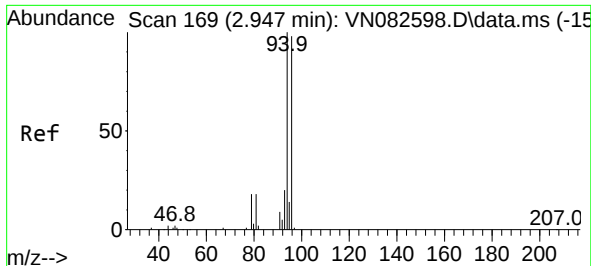
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#4
Vinyl Chloride
Concen: 46.068 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

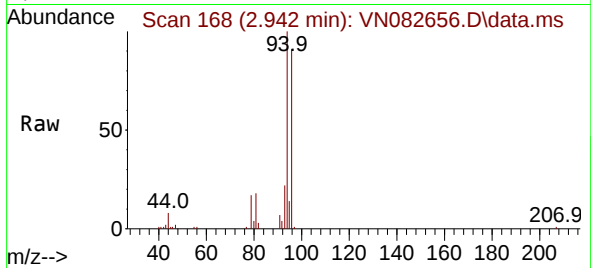
Tgt Ion: 62 Resp: 131929
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6





#5
Bromomethane
Concen: 44.263 ug/l
RT: 2.942 min Scan# 169
Delta R.T. -0.005 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

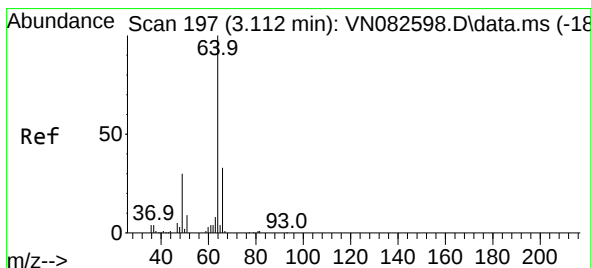
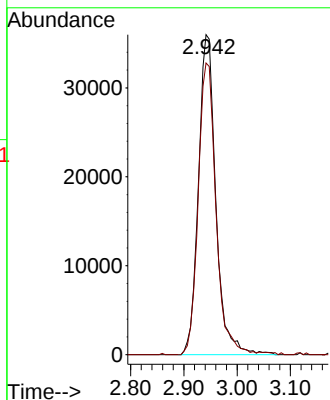
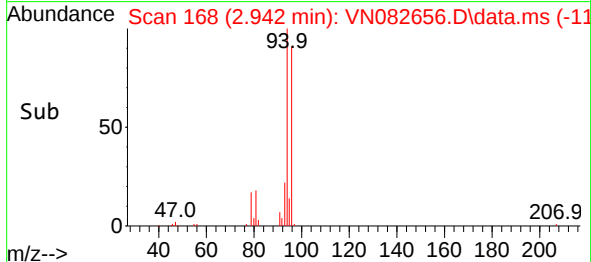
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 81598
Ion Ratio Lower Upper
94 100
96 91.2 78.0 117.0

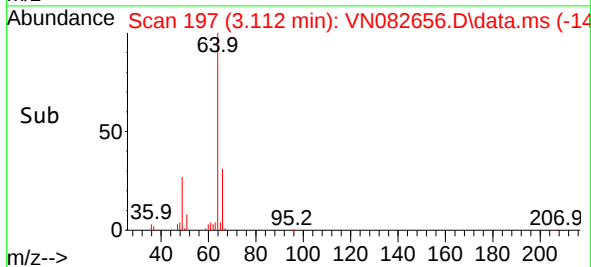
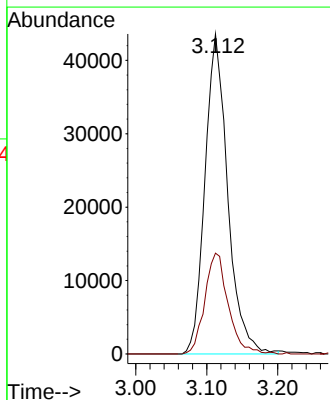
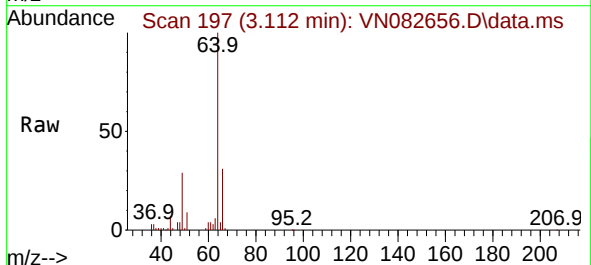
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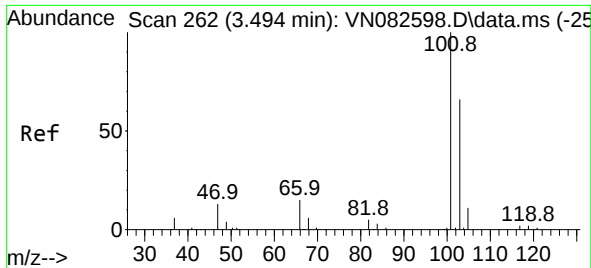
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#6
Chloroethane
Concen: 47.423 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

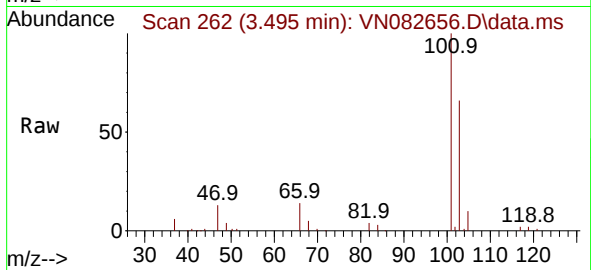
Tgt Ion: 64 Resp: 96843
Ion Ratio Lower Upper
64 100
66 31.5 26.6 40.0





#7
Trichlorofluoromethane
Concen: 47.681 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

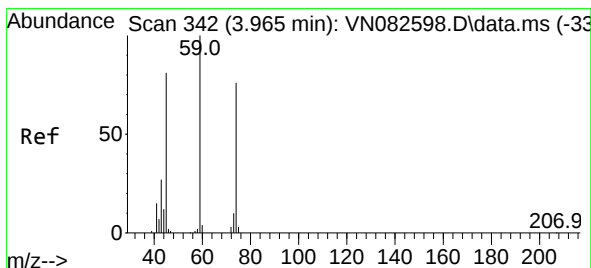
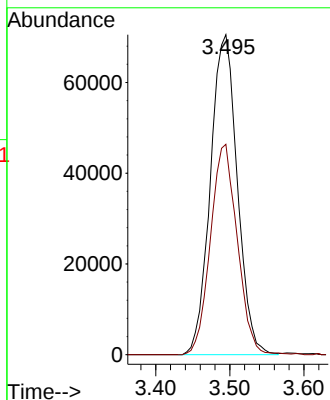
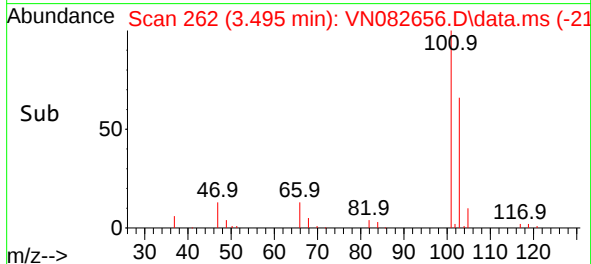
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 17814
Ion Ratio Lower Upper
101 100
103 65.7 52.7 79.1

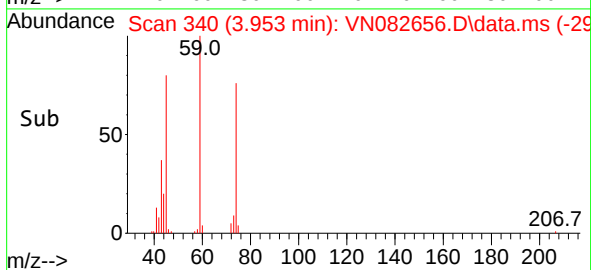
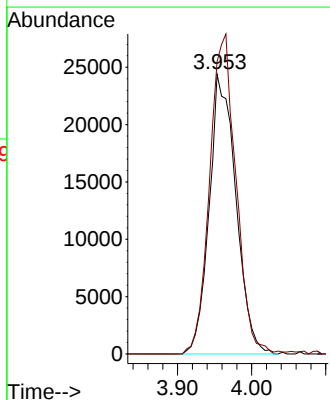
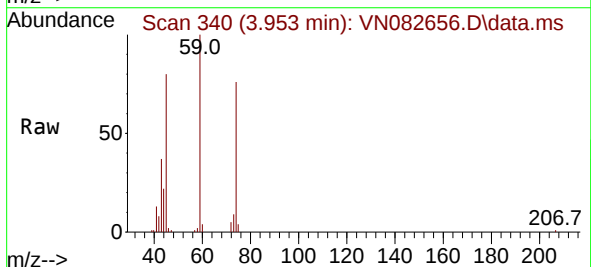
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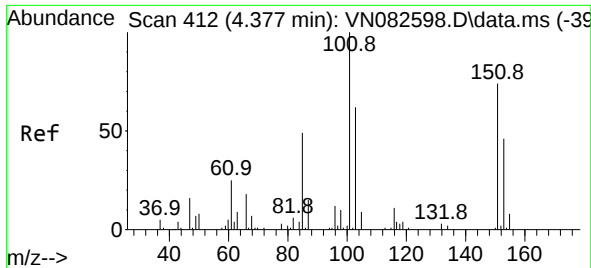
Reviewed By :John Carlone 06/21/2024
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#8
Diethyl Ether
Concen: 47.862 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.012 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

Tgt Ion: 74 Resp: 60900
Ion Ratio Lower Upper
74 100
45 113.2 55.5 166.3





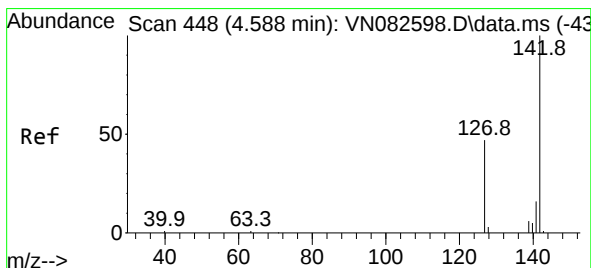
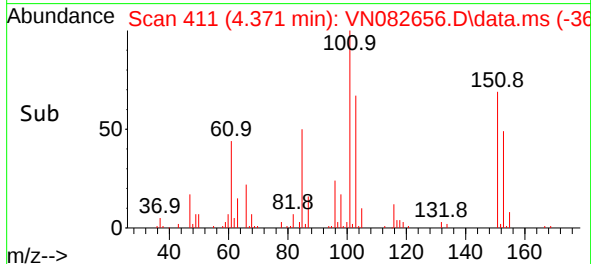
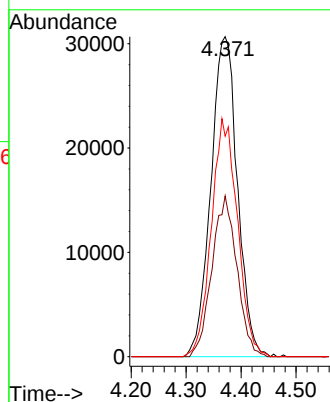
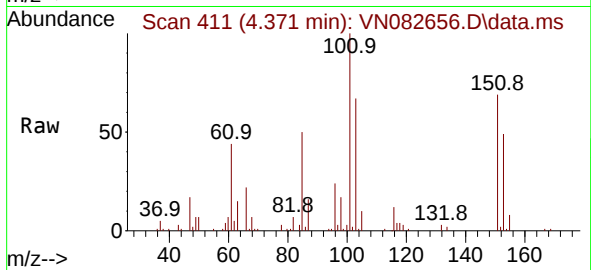
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1,1,2-Trichlorotrifluoroethane
Concen: 49.339 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 10325
Ion Ratio Lower Upper
101 100
85 47.2 38.3 57.5
151 73.1 59.3 88.9

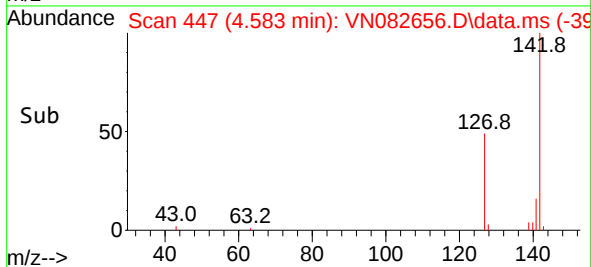
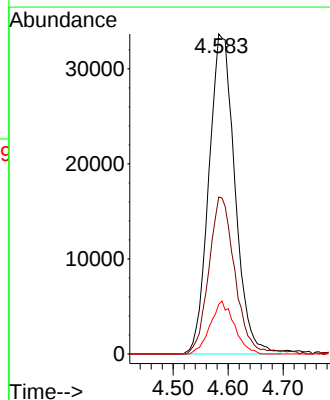
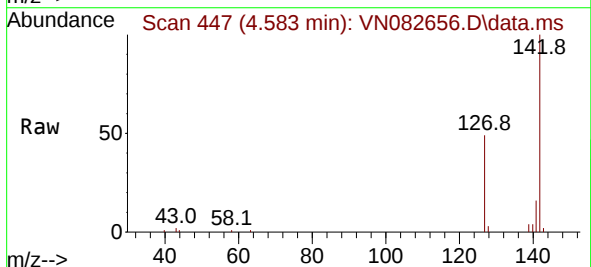
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 55.546 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

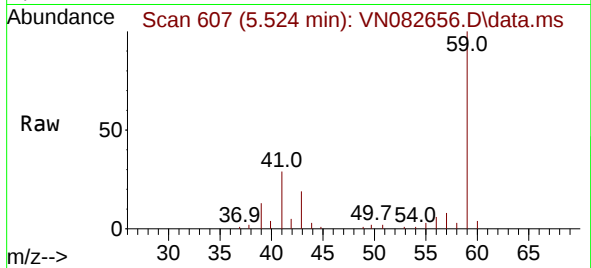
Tgt Ion:142 Resp: 110728
Ion Ratio Lower Upper
142 100
127 49.0 37.5 56.3
141 15.5 13.1 19.7





#11
Tert butyl alcohol
Concen: 247.321 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

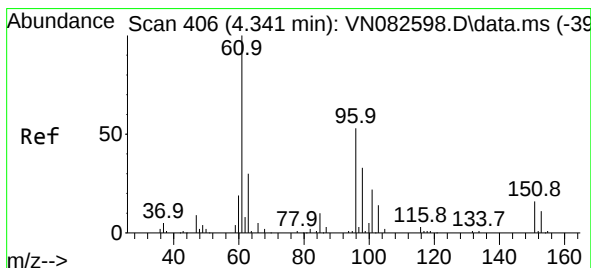
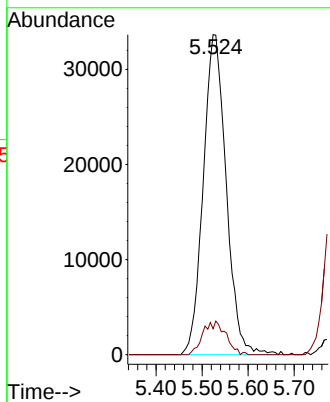
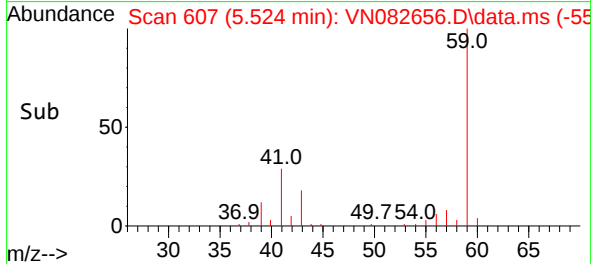
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



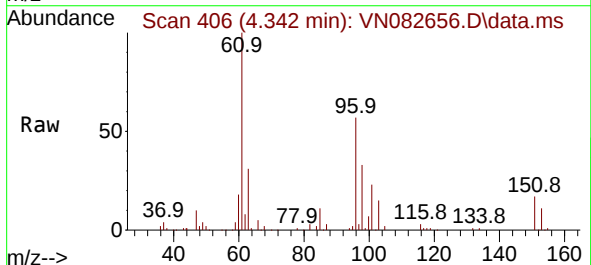
Tgt Ion: 59 Resp: 11667
Ion Ratio Lower Upper
59 100
57 10.5 8.9 13.3

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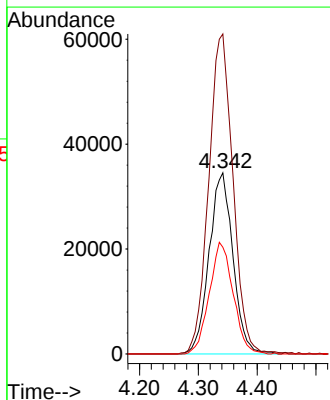
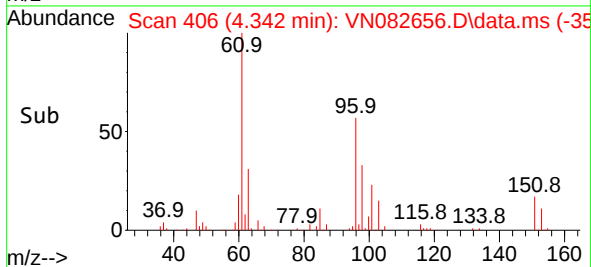
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#12
1,1-Dichloroethene
Concen: 48.701 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00



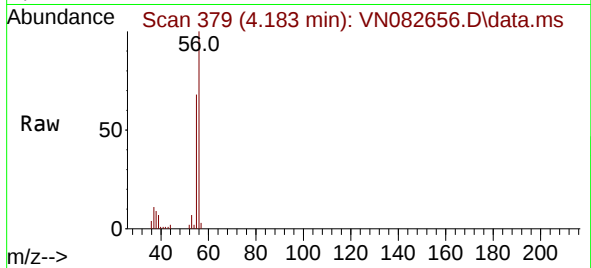
Tgt Ion: 96 Resp: 97462
Ion Ratio Lower Upper
96 100
61 176.7 149.7 224.5
98 58.9 50.1 75.1





#13
Acrolein
Concen: 218.163 ug/l
RT: 4.183 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

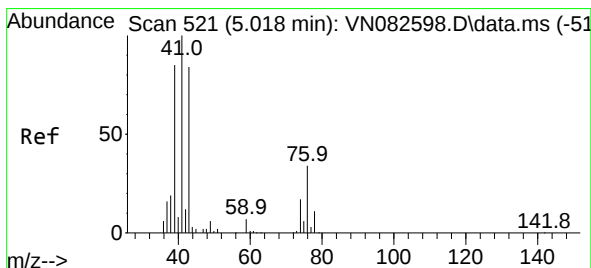
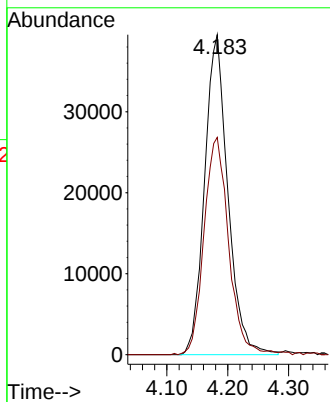
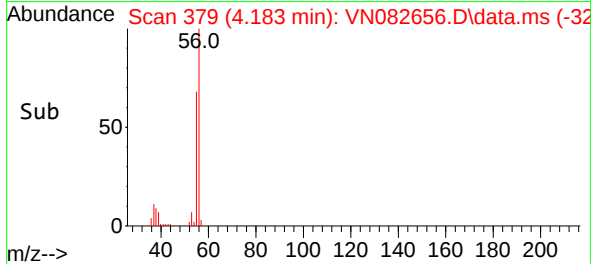
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 104838
Ion Ratio Lower Upper
56 100
55 71.9 56.4 84.6

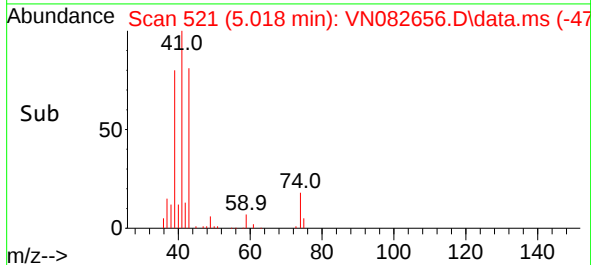
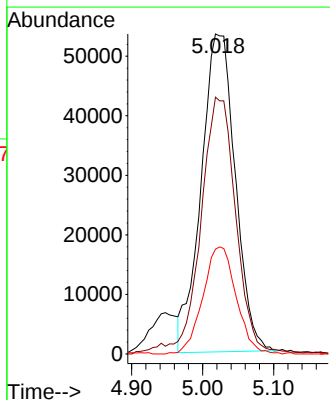
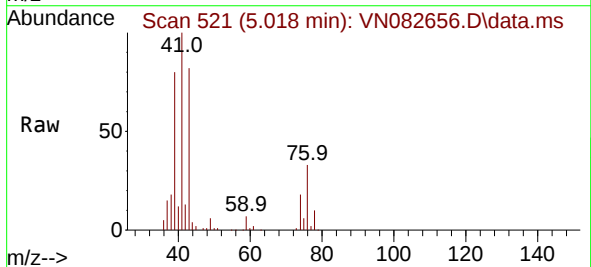
Manual Integrations
APPROVED

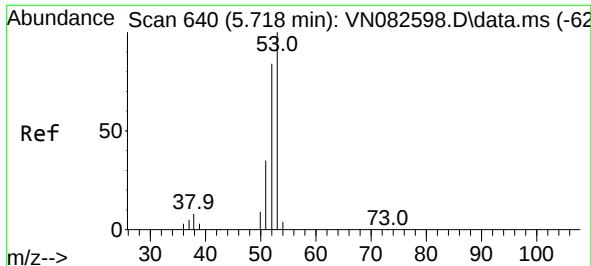
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#14
Allyl chloride
Concen: 45.600 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

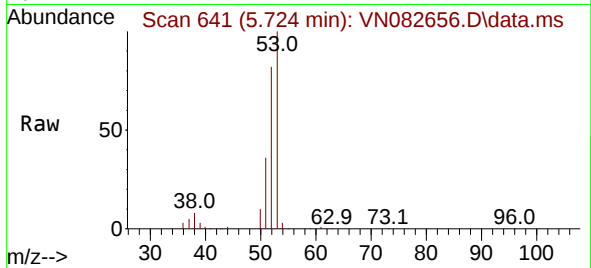
Tgt Ion: 41 Resp: 178474
Ion Ratio Lower Upper
41 100
39 80.6 67.8 101.6
76 32.9 25.8 38.8





#15
Acrylonitrile
Concen: 249.714 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

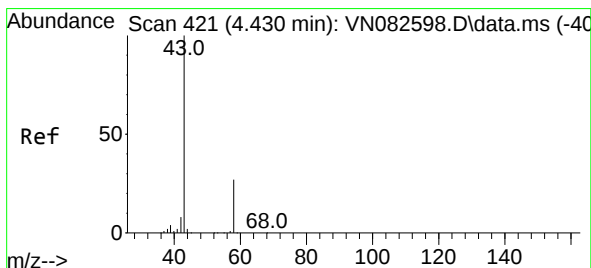
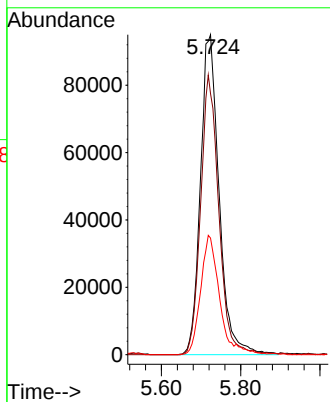
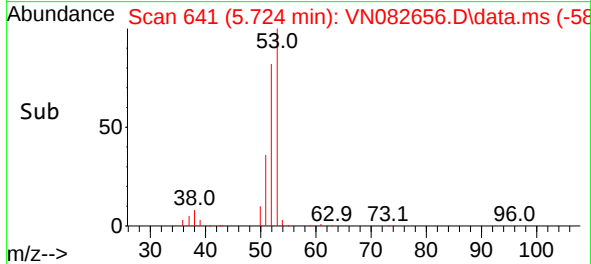
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



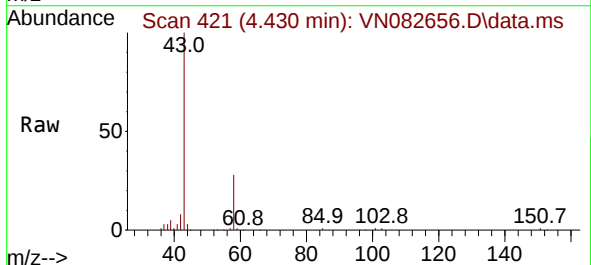
Tgt Ion: 53 Resp: 31094
Ion Ratio Lower Upper
53 100
52 84.6 66.6 100.0
51 37.8 30.1 45.1

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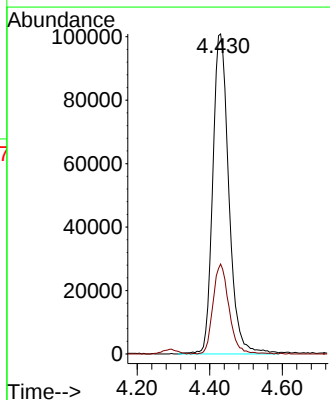
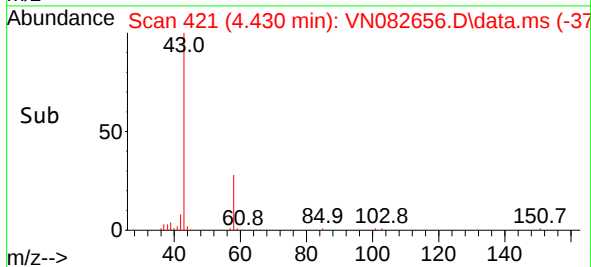
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

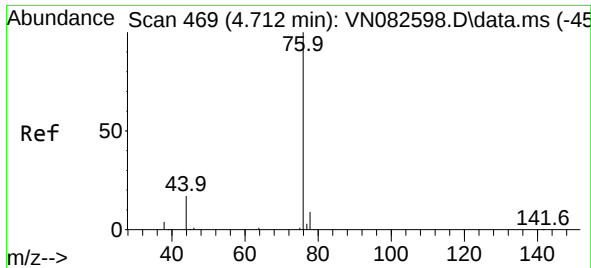


#16
Acetone
Concen: 237.439 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00



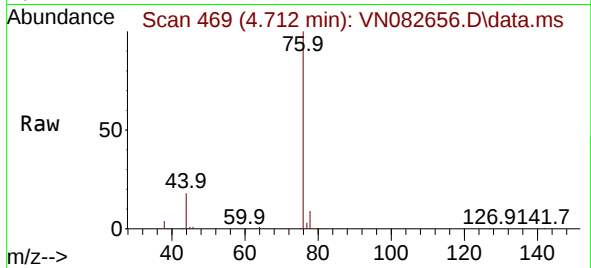
Tgt Ion: 43 Resp: 311249
Ion Ratio Lower Upper
43 100
58 28.1 21.8 32.6





#17
Carbon Disulfide
Concen: 44.528 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

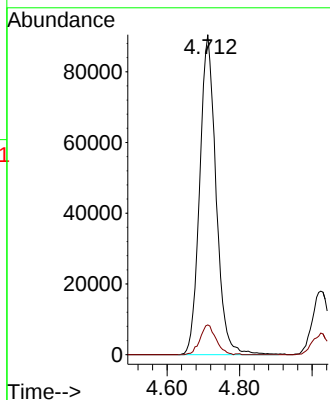
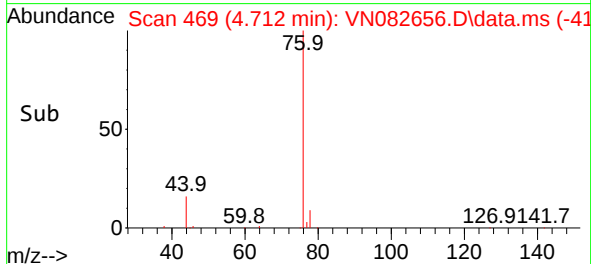
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



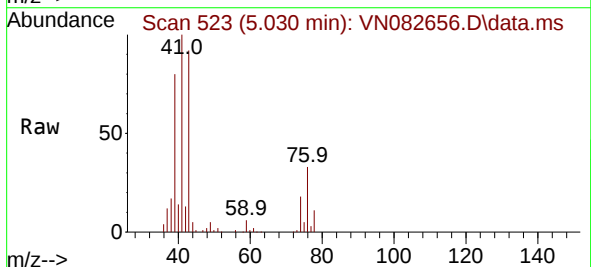
Tgt Ion: 76 Resp: 282994
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

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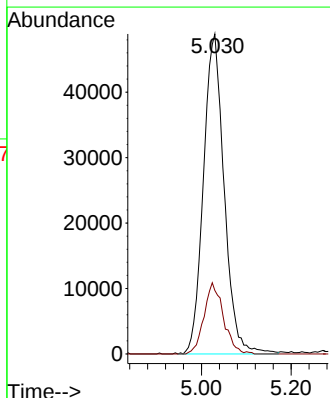
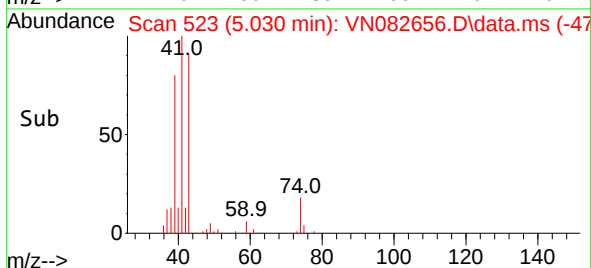
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#18
Methyl Acetate
Concen: 48.940 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00



Tgt Ion: 43 Resp: 156907
Ion Ratio Lower Upper
43 100
74 20.9 16.3 24.5





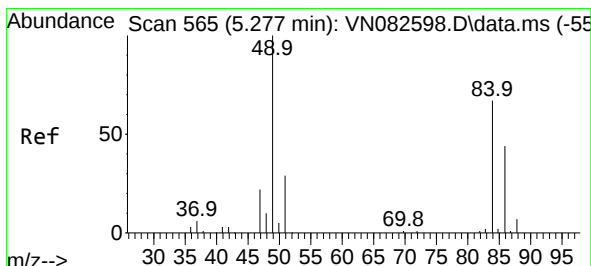
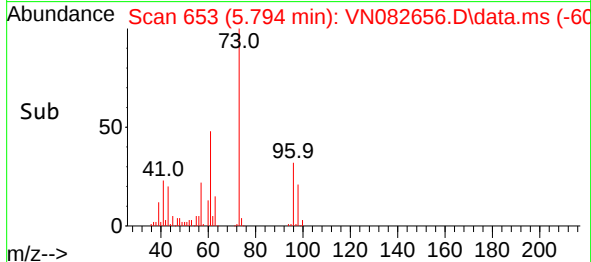
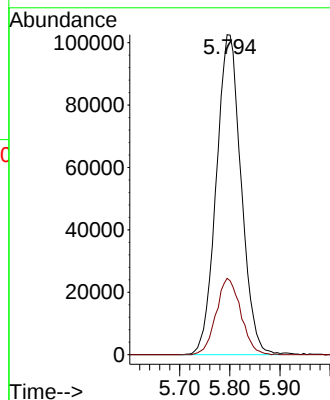
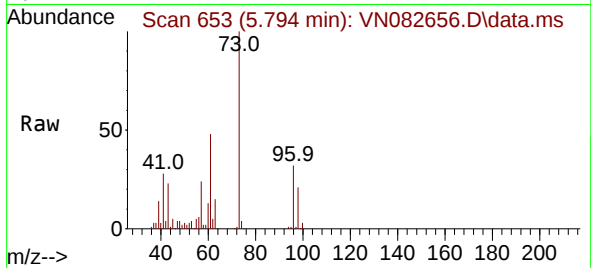
#19
Methyl tert-butyl Ether
Concen: 51.522 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 352935
Ion Ratio Lower Upper
73 100
57 23.8 17.9 26.9

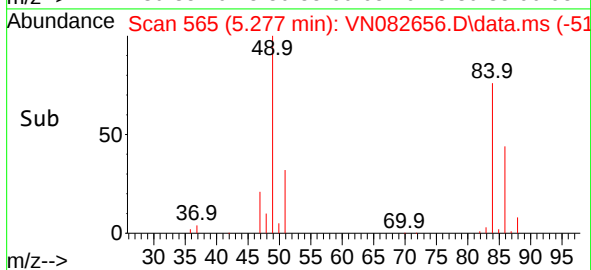
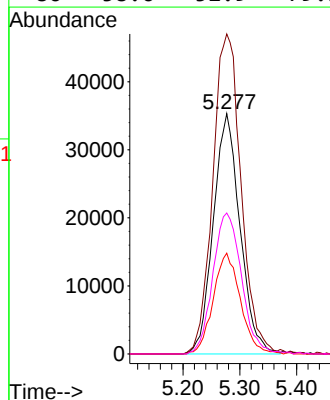
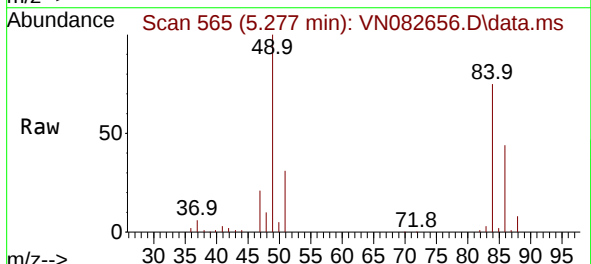
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 49.997 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

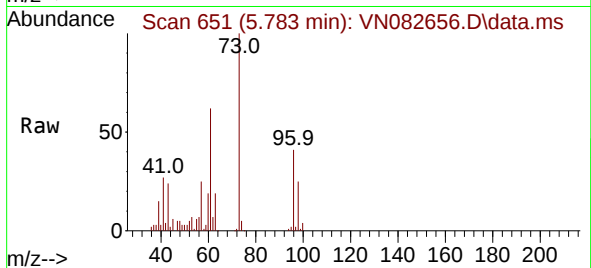
Tgt Ion: 84 Resp: 115223
Ion Ratio Lower Upper
84 100
49 133.1 119.6 179.4
51 41.9 34.8 52.2
86 58.6 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 49.550 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

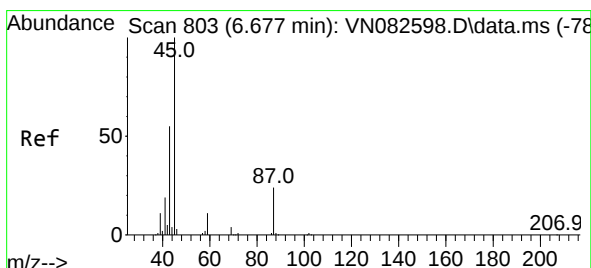
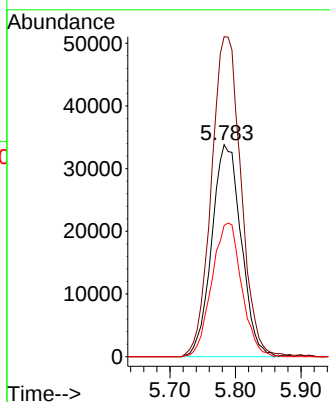
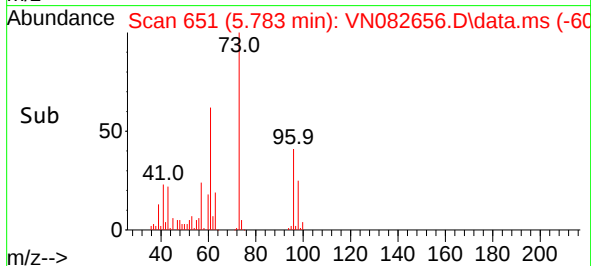
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 105380
Ion Ratio Lower Upper
96 100
61 151.0 123.4 185.2
98 61.9 49.3 73.9

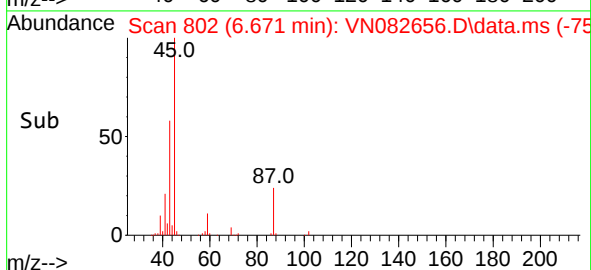
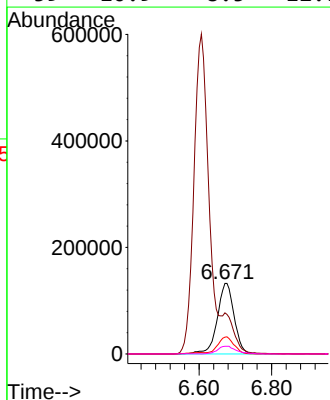
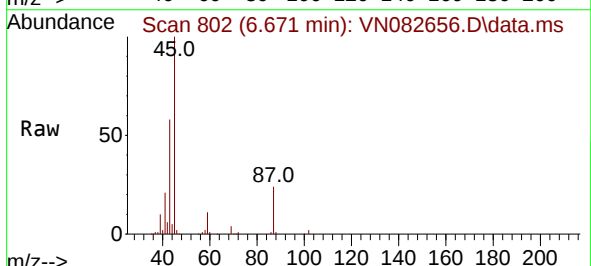
Manual Integrations
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Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#22
Diisopropyl ether
Concen: 52.081 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

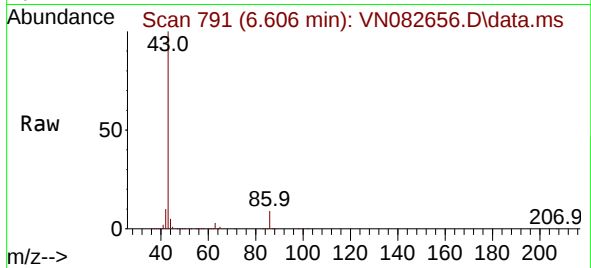
Tgt Ion: 45 Resp: 427489
Ion Ratio Lower Upper
45 100
43 57.5 44.0 66.0
87 23.9 19.7 29.5
59 10.9 8.5 12.7





#23
 Vinyl Acetate
 Concen: 260.959 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082656.D
 Acq: 20 Jun 2024 10:00

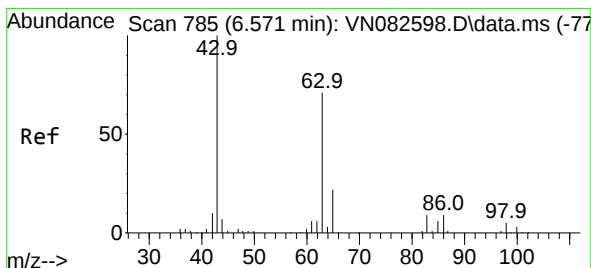
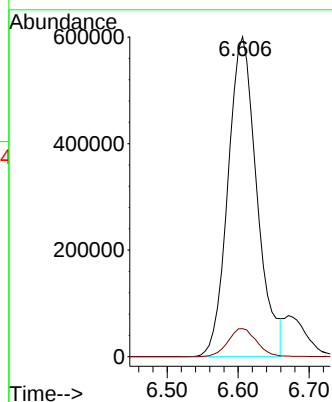
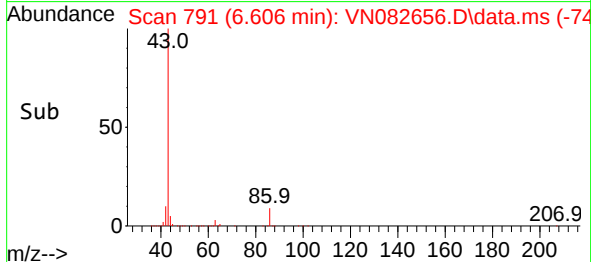
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



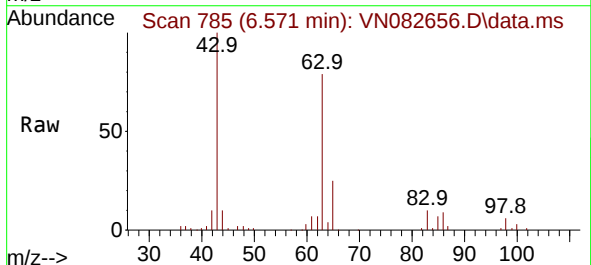
Tgt Ion: 43 Resp: 1698574
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.3 10.9

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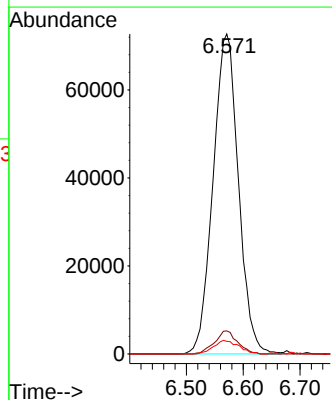
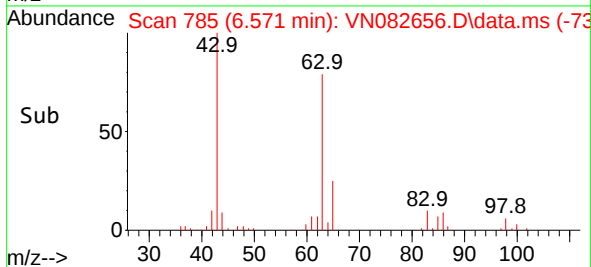
Reviewed By :John Carlone 06/21/2024
 Supervised By :Mahesh Dadoda 06/21/2024

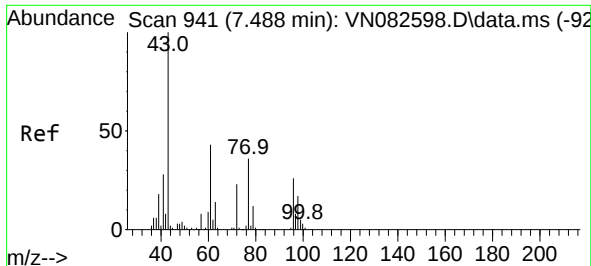


#24
 1,1-Dichloroethane
 Concen: 50.667 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082656.D
 Acq: 20 Jun 2024 10:00



Tgt Ion: 63 Resp: 225285
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.9
 100 4.0 2.0 6.0





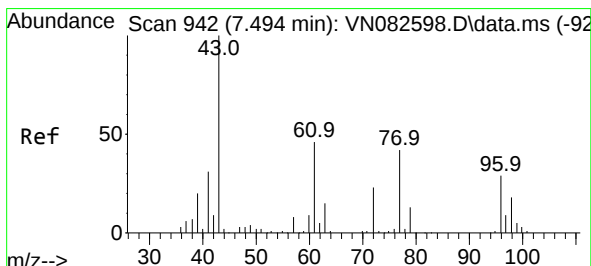
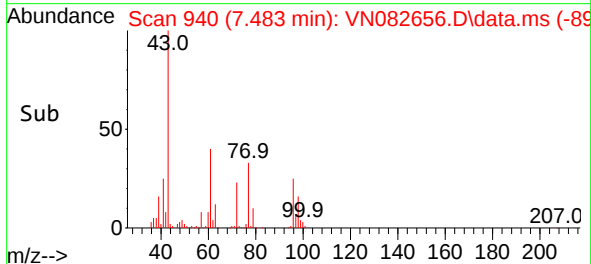
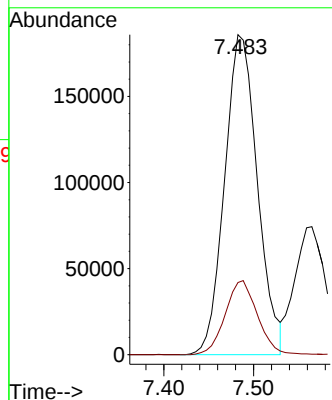
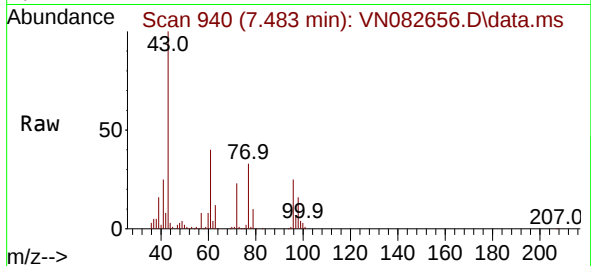
#25
2-Butanone
Concen: 253.270 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 47189
Ion Ratio Lower Upper
43 100
72 22.6 18.2 27.2

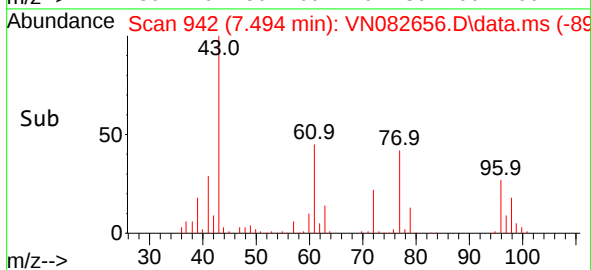
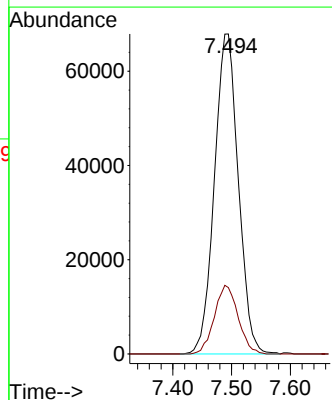
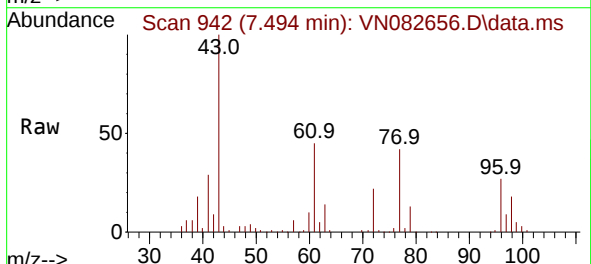
Manual Integrations
APPROVED

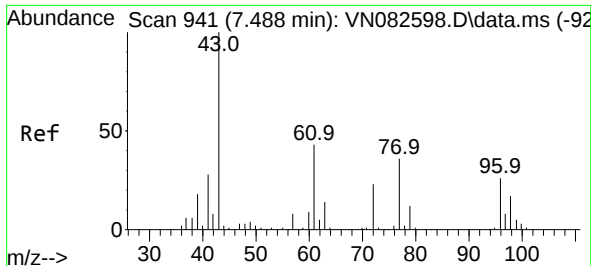
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#26
2,2-Dichloropropane
Concen: 49.721 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

Tgt Ion: 77 Resp: 191788
Ion Ratio Lower Upper
77 100
97 21.3 10.3 30.9





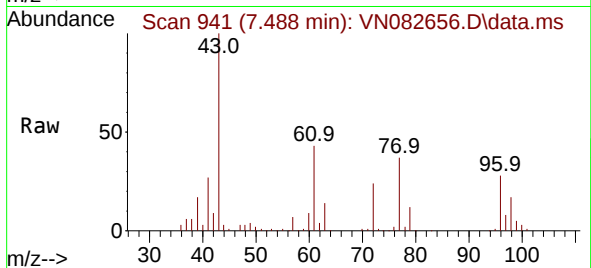
#27
 cis-1,2-Dichloroethene
 Concen: 49.116 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082656.D
 Acq: 20 Jun 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



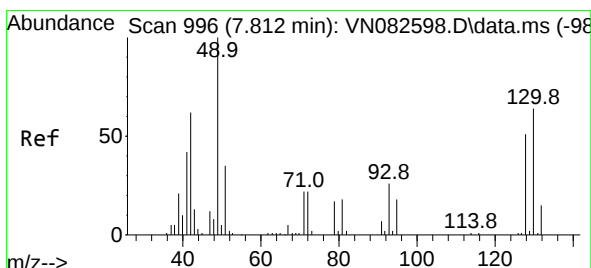
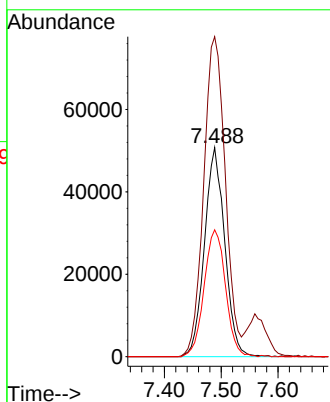
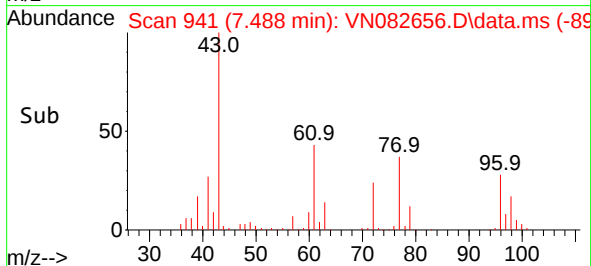
Tgt Ion: 96 Resp: 125869
 Ion Ratio Lower Upper
 96 100
 61 162.6 0.0 329.6
 98 64.0 0.0 128.6

Manual Integrations

APPROVED

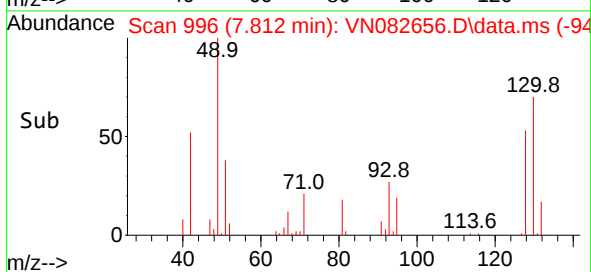
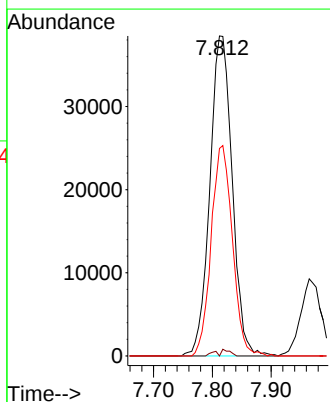
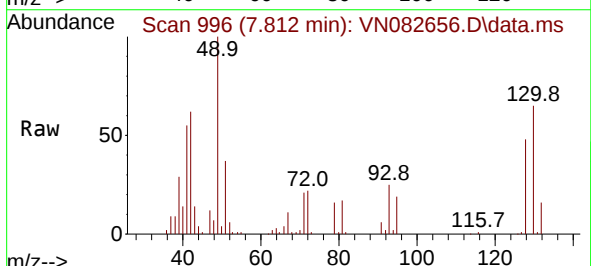
Reviewed By :John Carlone 06/21/2024

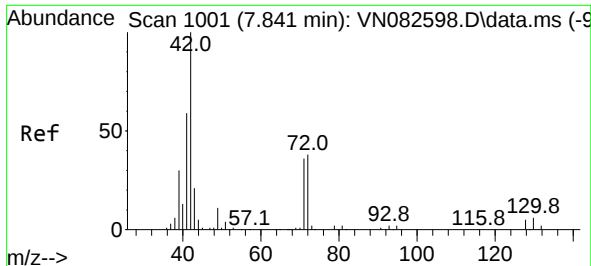
Supervised By :Mahesh Dadoda 06/21/2024



#28
 Bromochloromethane
 Concen: 50.120 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082656.D
 Acq: 20 Jun 2024 10:00

Tgt Ion: 49 Resp: 101702
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.8
 130 62.6 50.5 75.7





#29

Tetrahydrofuran

Concen: 270.571 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 308619

Ion Ratio Lower Upper

42 100

72 37.9 30.0 45.0

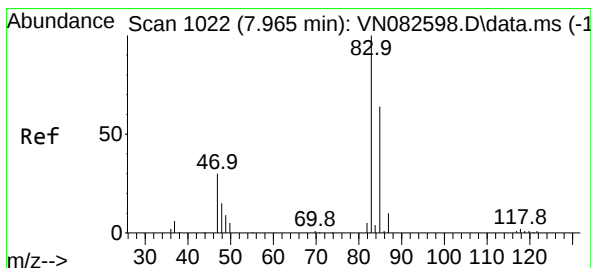
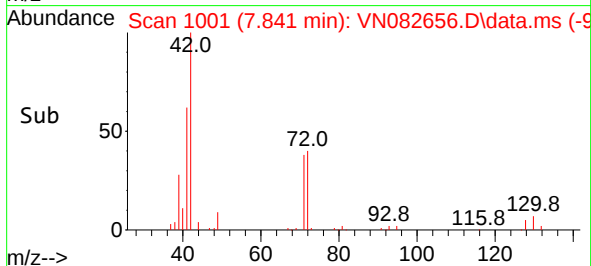
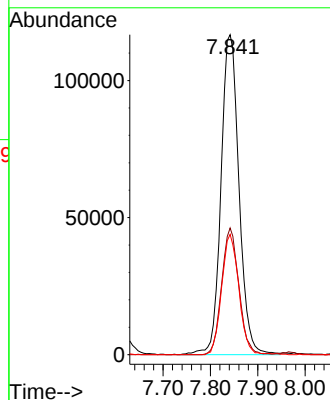
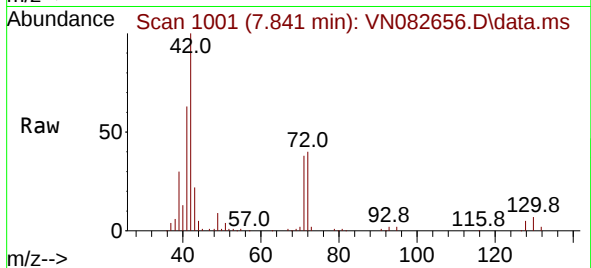
71 35.7 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#30

Chloroform

Concen: 51.342 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN082656.D

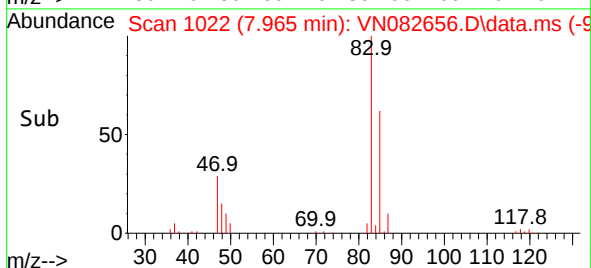
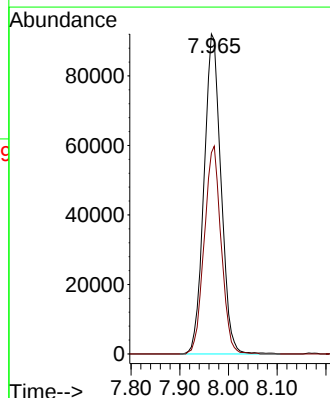
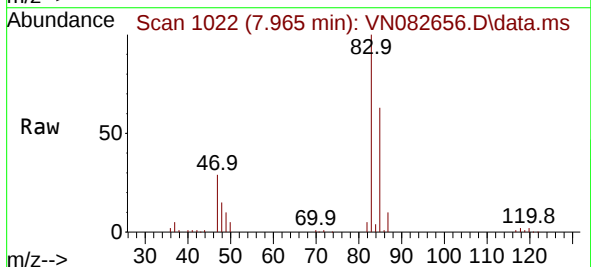
Acq: 20 Jun 2024 10:00

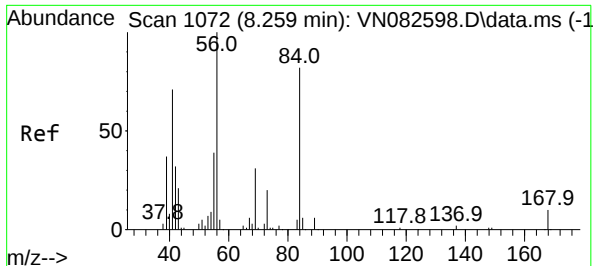
Tgt Ion: 83 Resp: 222690

Ion Ratio Lower Upper

83 100

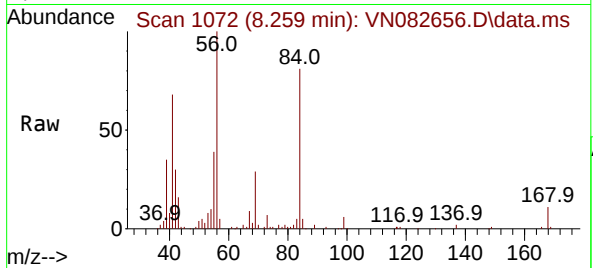
85 62.9 50.9 76.3





#31
Cyclohexane
Concen: 45.308 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

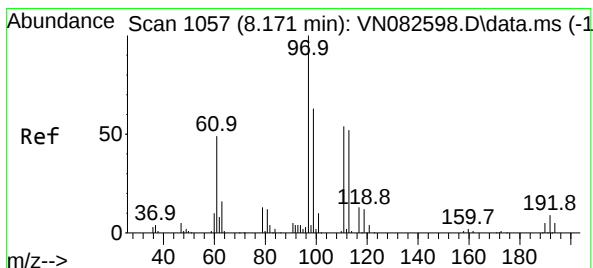
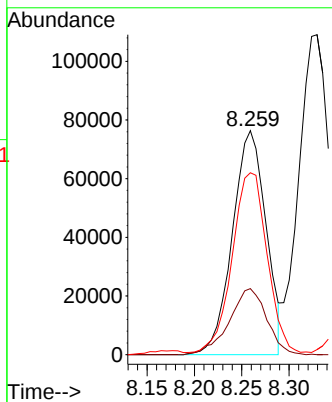
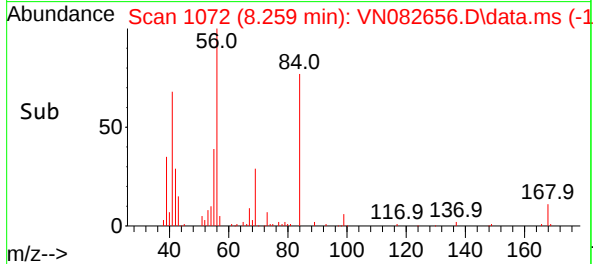
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



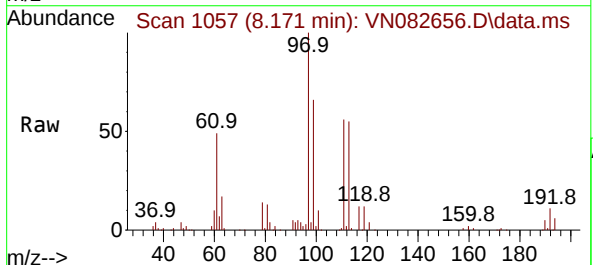
Tgt Ion: 56 Resp: 188470
Ion Ratio Lower Upper
56 100
69 29.5 24.5 36.7
84 79.5 66.0 99.0

Manual Integrations
APPROVED

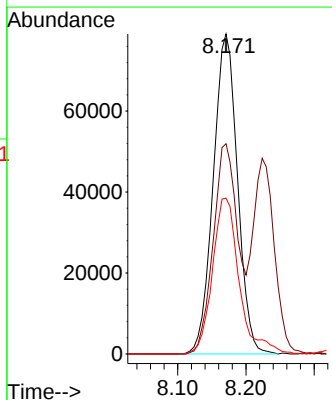
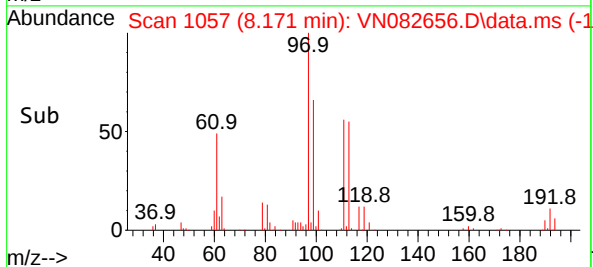
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

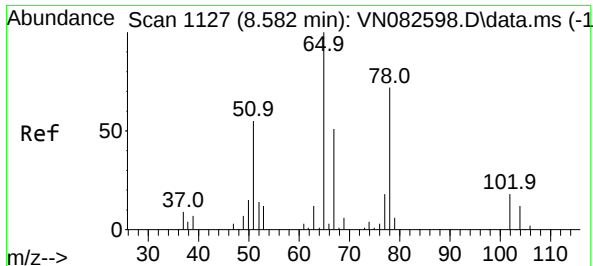


#32
1,1,1-Trichloroethane
Concen: 49.799 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00



Tgt Ion: 97 Resp: 195869
Ion Ratio Lower Upper
97 100
99 67.2 52.0 78.0
61 53.7 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 51.730 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 14910

Ion Ratio Lower Upper

65 100

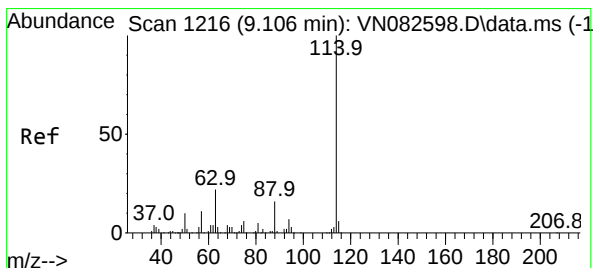
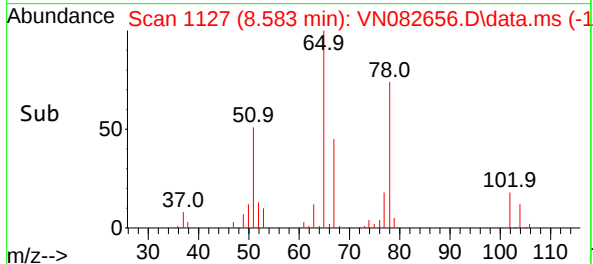
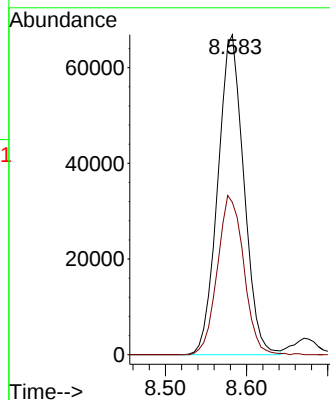
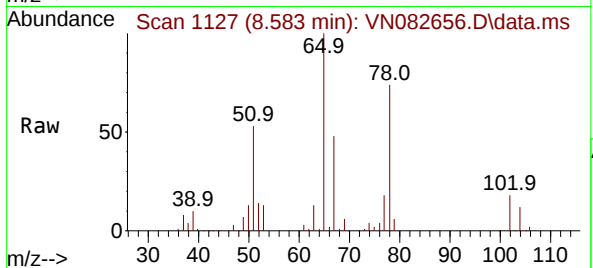
67 50.4 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

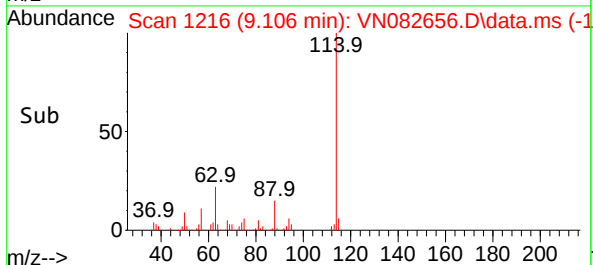
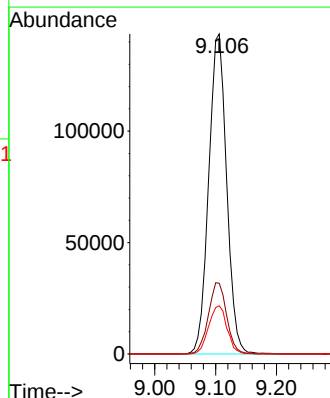
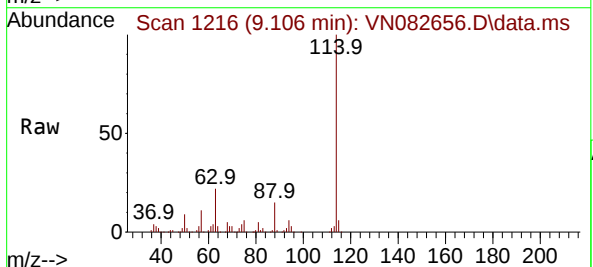
Tgt Ion:114 Resp: 293725

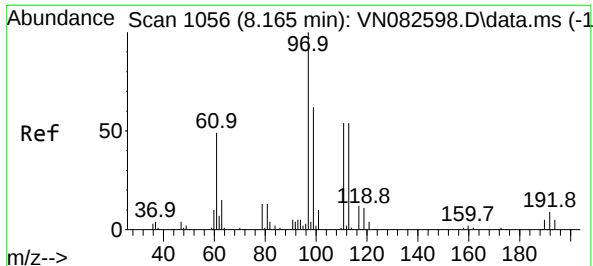
Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.6

88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.024 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 105650

Ion Ratio Lower Upper

113 100

111 103.9 82.4 123.6

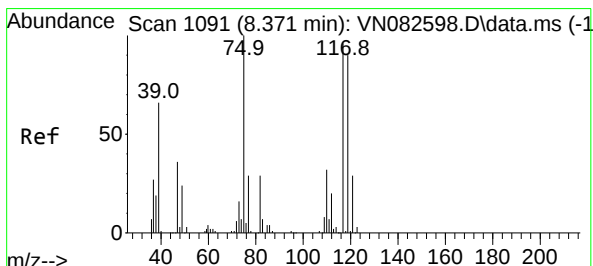
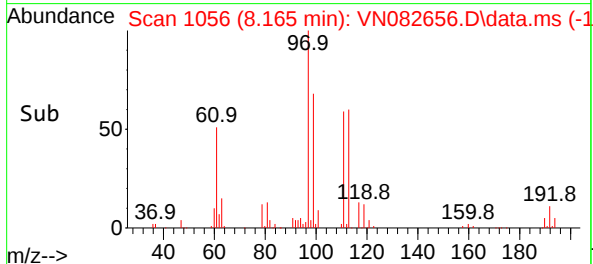
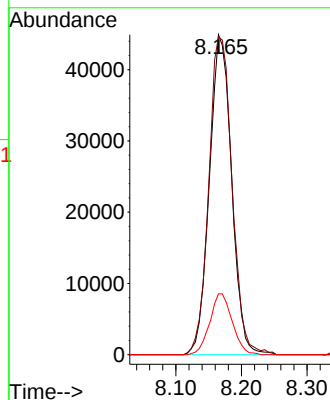
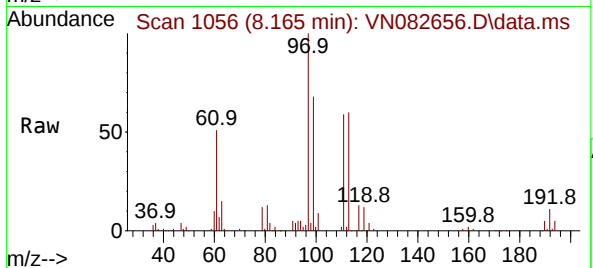
192 19.3 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#36

1,1-Dichloropropene

Concen: 52.900 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

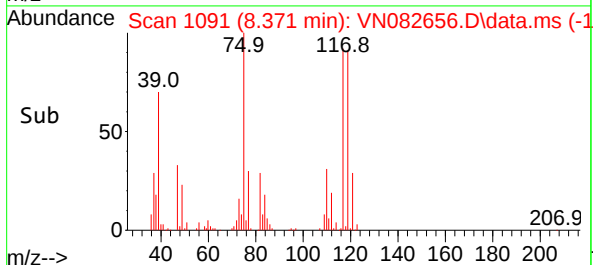
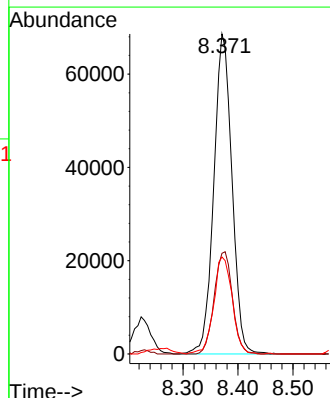
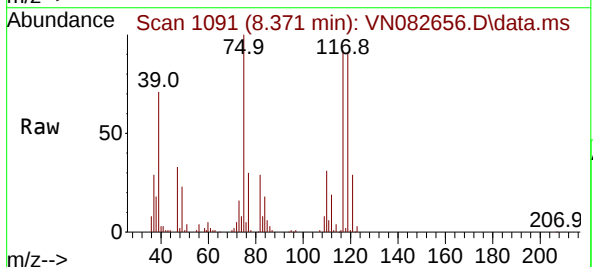
Tgt Ion: 75 Resp: 157573

Ion Ratio Lower Upper

75 100

110 32.1 16.3 48.9

77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 49.625 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN082656.D

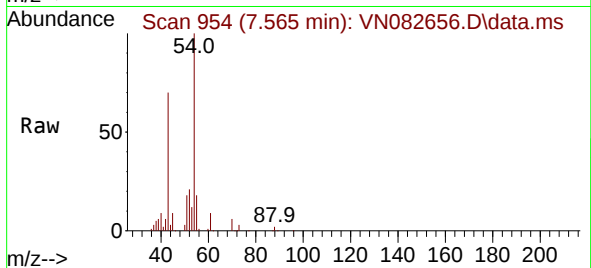
Acq: 20 Jun 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



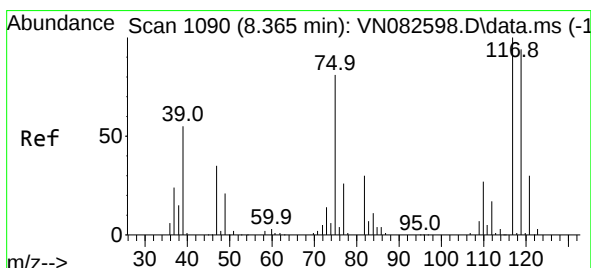
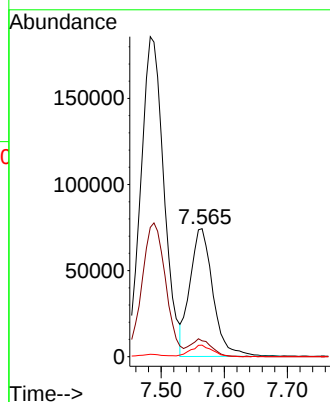
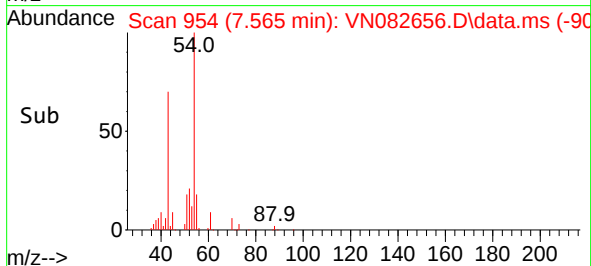
Tgt Ion:	43	Resp:	18829
Ion	Ratio	Lower	Upper
43	100		
61	12.8	9.3	13.9
70	8.6	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#38

Carbon Tetrachloride

Concen: 51.885 ug/l

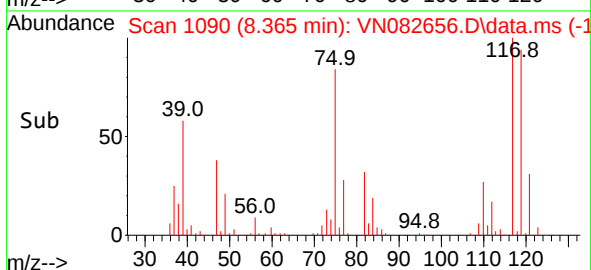
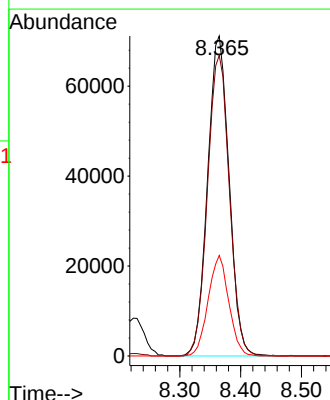
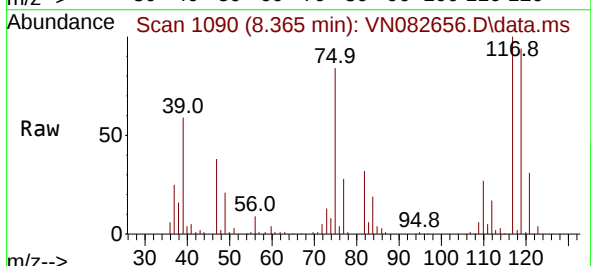
RT: 8.365 min Scan# 1090

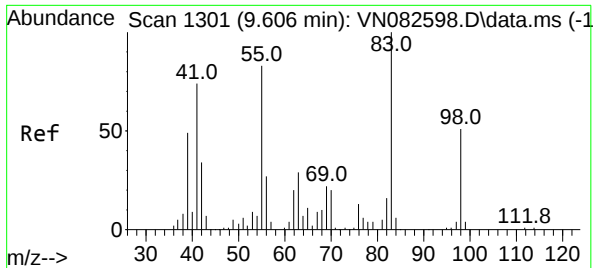
Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

Tgt Ion:	117	Resp:	174172
Ion	Ratio	Lower	Upper
117	100		
119	93.9	74.9	112.3
121	31.4	24.3	36.5





#39

Methylcyclohexane

Concen: 52.594 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 16487

Ion Ratio Lower Upper

83 100

55 86.2 66.4 99.6

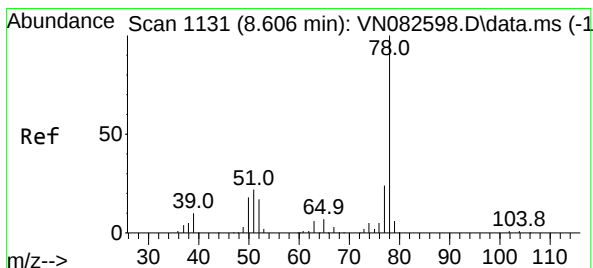
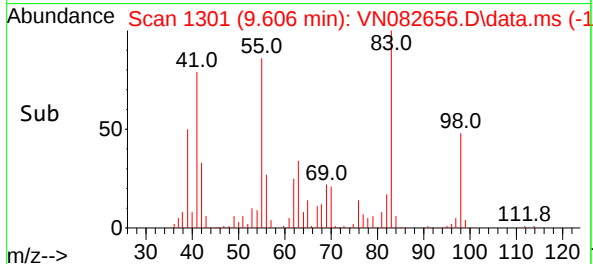
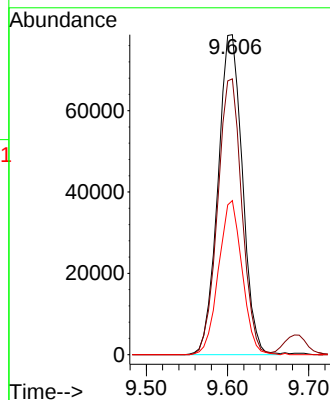
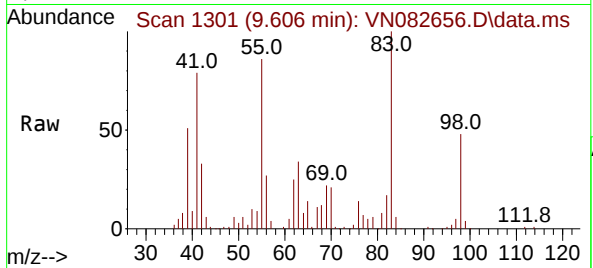
98 48.1 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#40

Benzene

Concen: 52.269 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082656.D

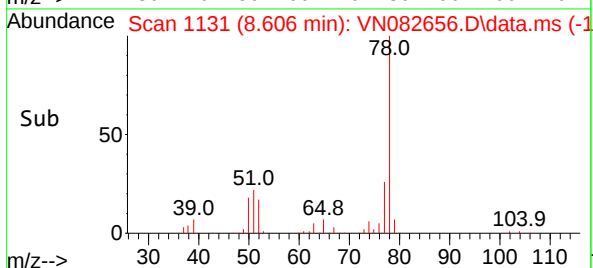
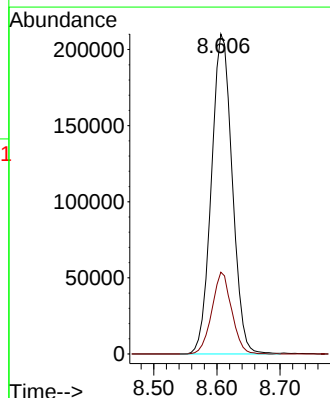
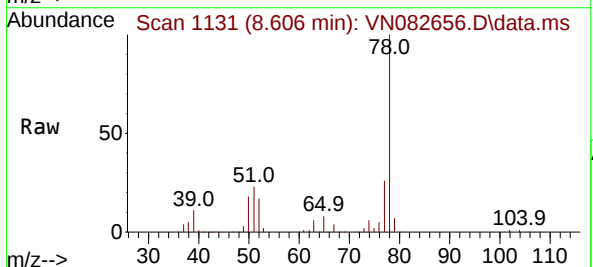
Acq: 20 Jun 2024 10:00

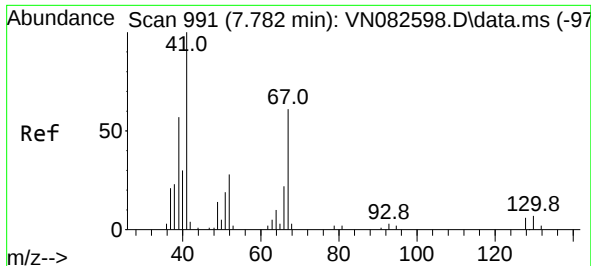
Tgt Ion: 78 Resp: 481080

Ion Ratio Lower Upper

78 100

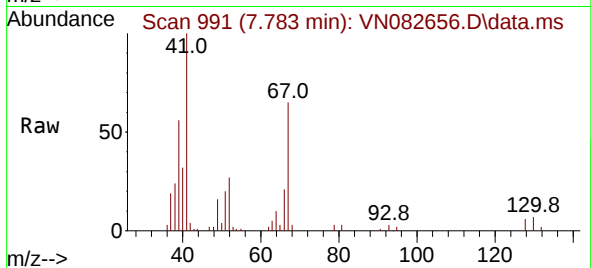
77 25.6 19.0 28.4





#41
Methacrylonitrile
Concen: 52.066 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

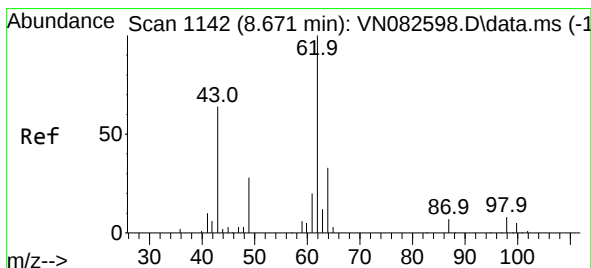
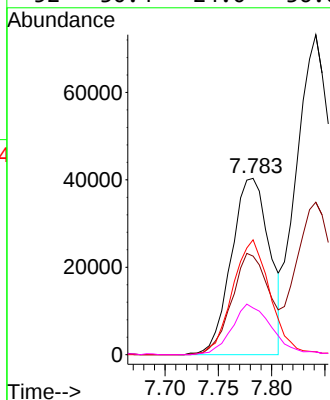
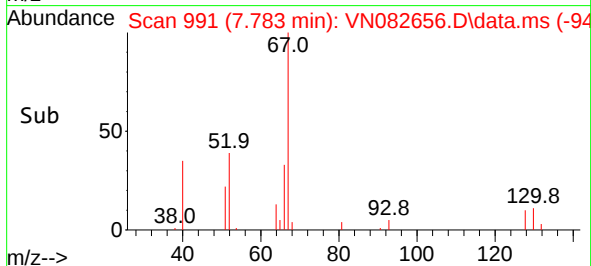
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



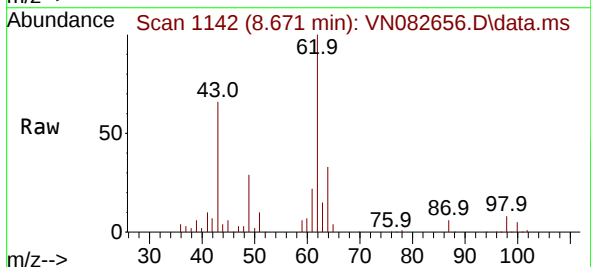
Tgt Ion: 41 Resp: 100984
Ion Ratio Lower Upper
41 100
39 56.3 45.5 68.3
67 64.3 50.5 75.7
52 30.4 24.0 36.0

Manual Integrations
APPROVED

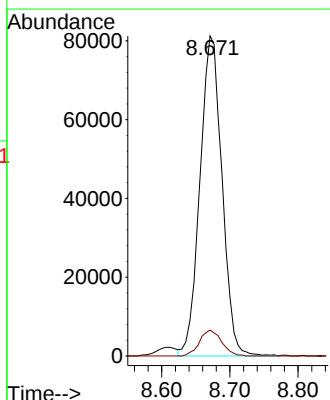
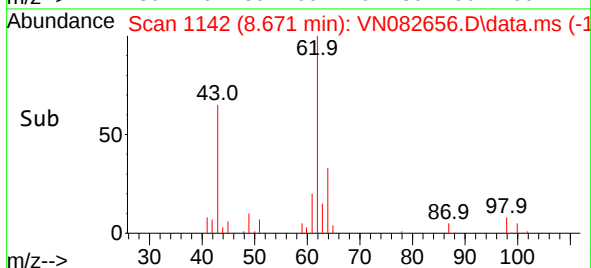
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

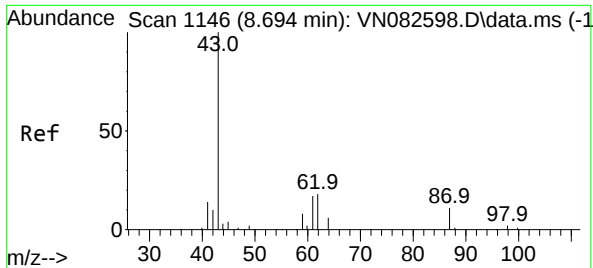


#42
1,2-Dichloroethane
Concen: 52.244 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00



Tgt Ion: 62 Resp: 182903
Ion Ratio Lower Upper
62 100
98 8.1 0.0 15.8





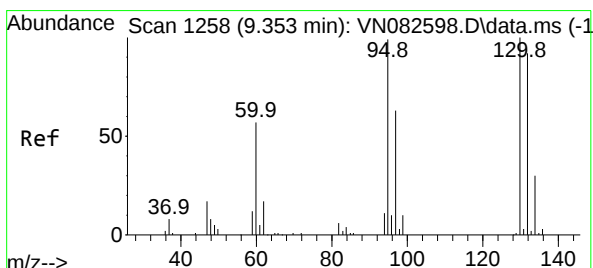
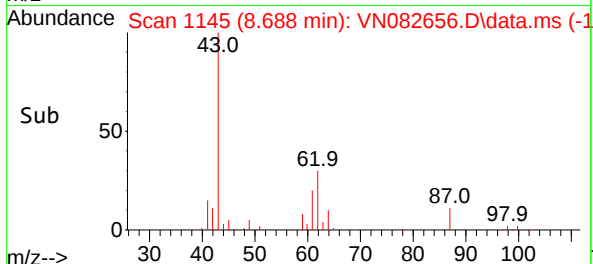
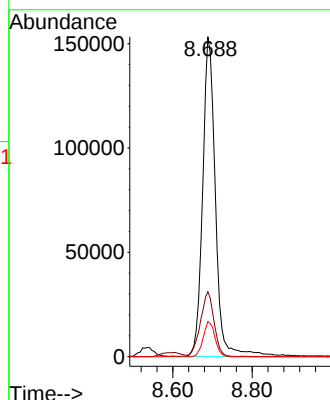
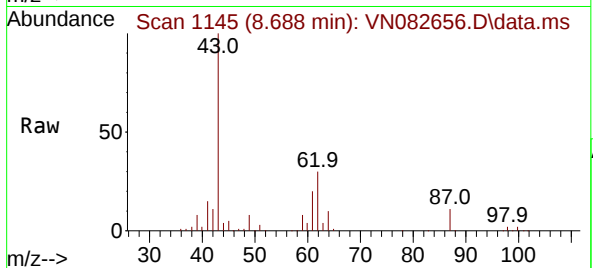
#43
Isopropyl Acetate
Concen: 48.232 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 34201
Ion Ratio Lower Upper
43 100
61 21.6 17.8 26.6
87 10.1 8.2 12.2

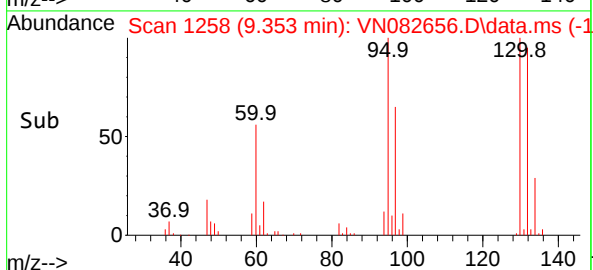
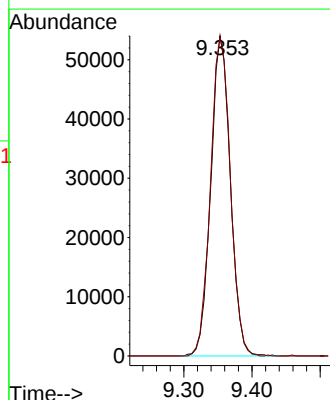
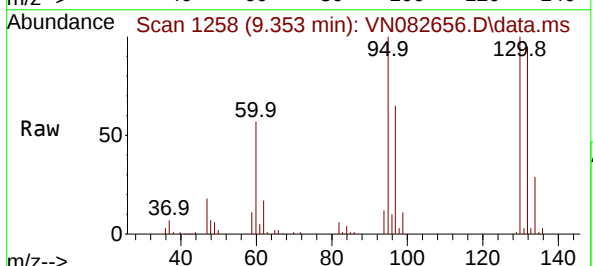
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 50.409 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

Tgt Ion:130 Resp: 107734
Ion Ratio Lower Upper
130 100
95 99.7 0.0 197.8





#45

1,2-Dichloropropane

Concen: 53.833 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 127534

Ion Ratio Lower Upper

63 100

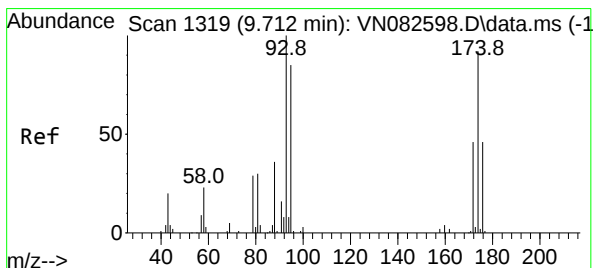
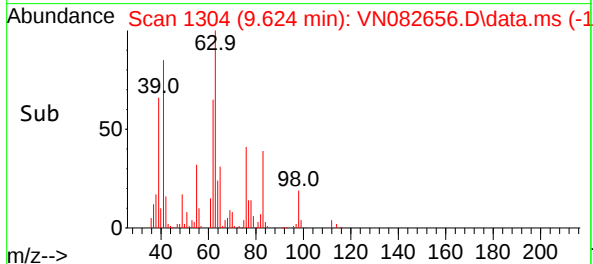
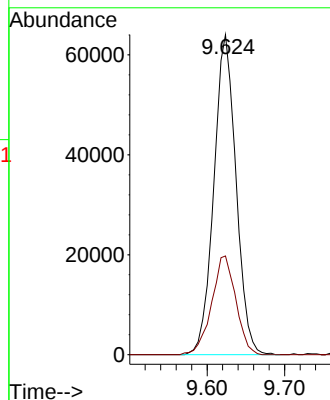
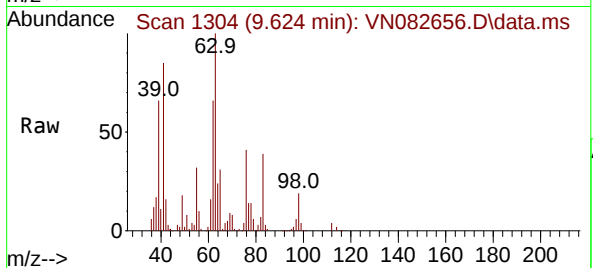
65 30.9 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#46

Dibromomethane

Concen: 53.146 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

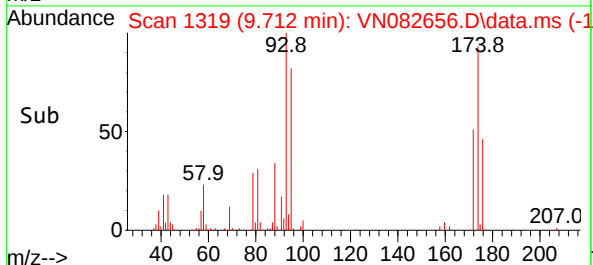
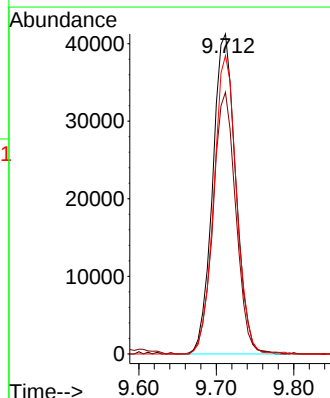
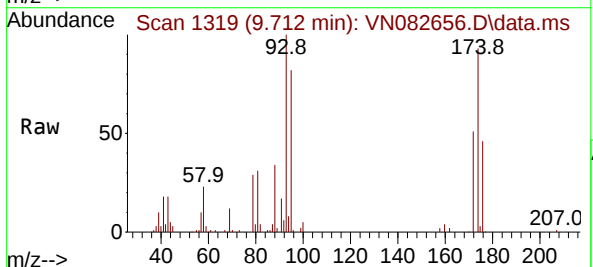
Tgt Ion: 93 Resp: 85349

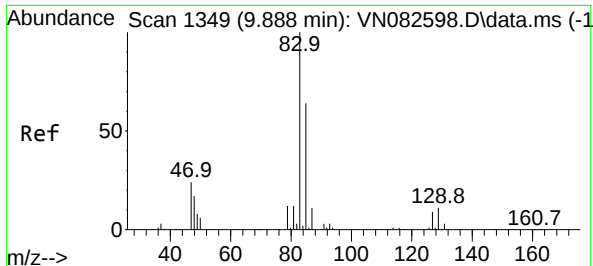
Ion Ratio Lower Upper

93 100

95 80.9 65.8 98.6

174 91.5 71.7 107.5





#47

Bromodichloromethane

Concen: 52.843 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

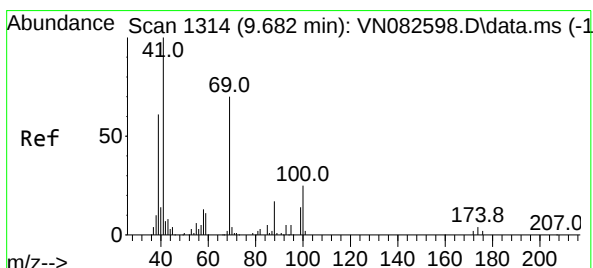
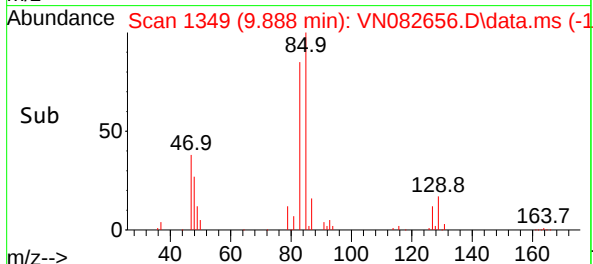
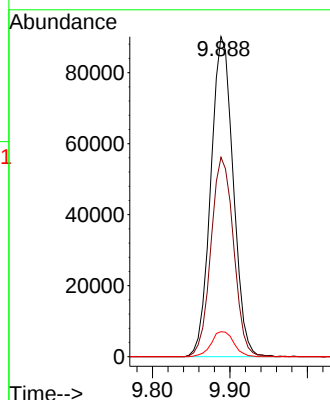
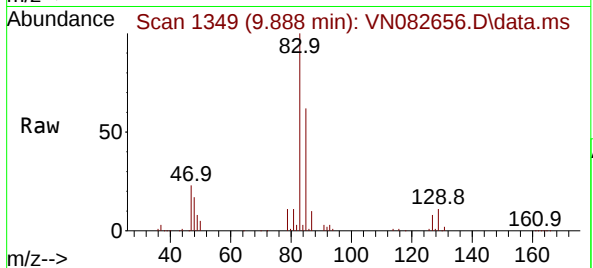
Tgt Ion:	83	Resp:	18092
Ion Ratio	Lower	Upper	
83	100		
85	62.3	51.1	76.7
127	7.8	7.2	10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#48

Methyl methacrylate

Concen: 52.036 ug/l

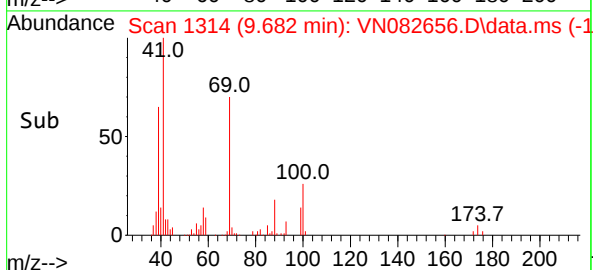
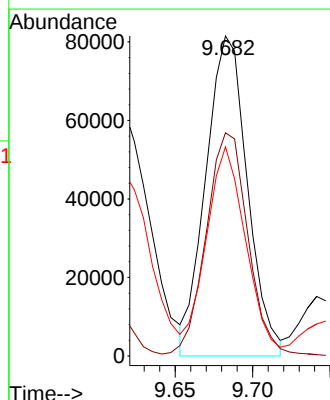
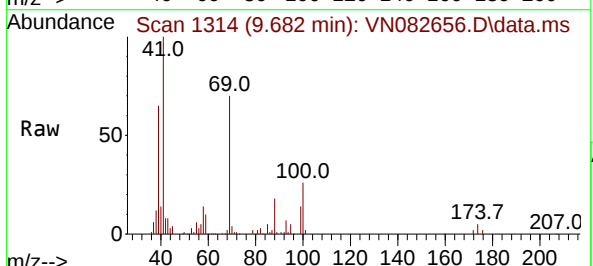
RT: 9.682 min Scan# 1314

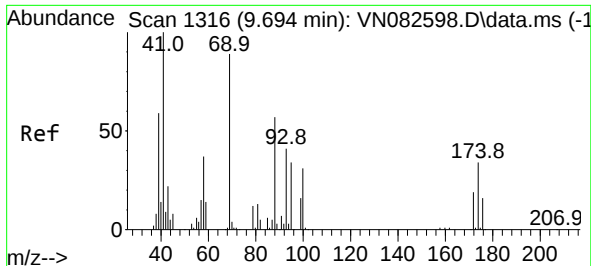
Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

Tgt Ion:	41	Resp:	152111
Ion Ratio	Lower	Upper	
41	100		
69	70.4	56.3	84.5
39	62.5	50.3	75.5





#49

1,4-Dioxane

Concen: 1157.833 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

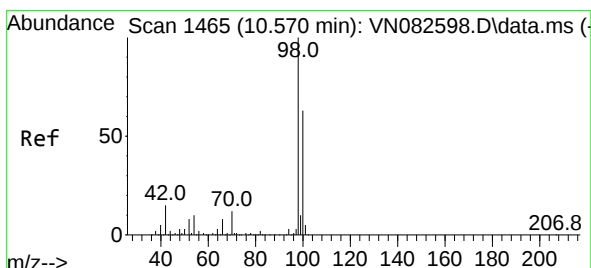
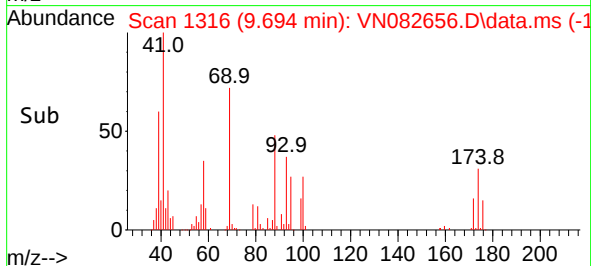
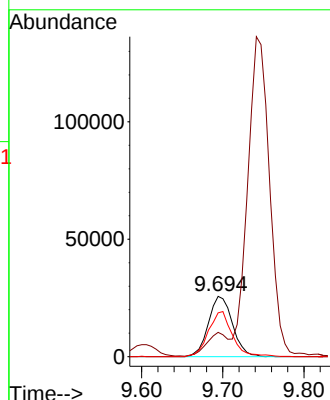
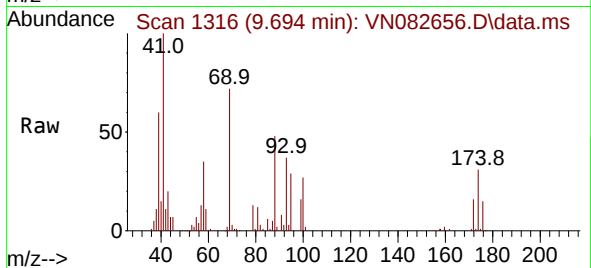
Tgt Ion:	88	Resp:	5294
Ion Ratio	Lower	Upper	
88	100		
43	33.2	27.8	41.8
58	74.5	59.4	89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#50

Toluene-d8

Concen: 54.948 ug/l

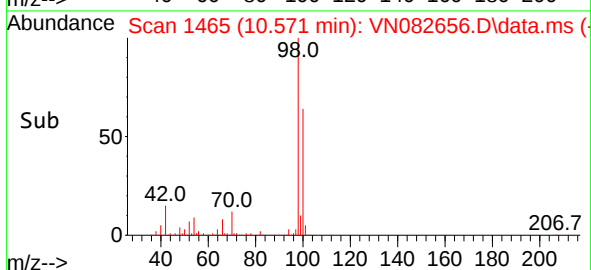
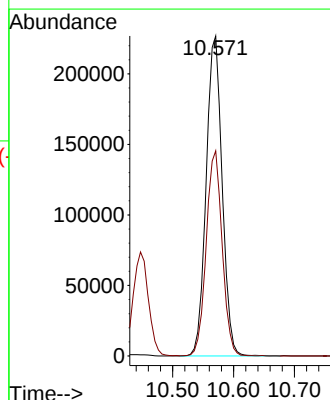
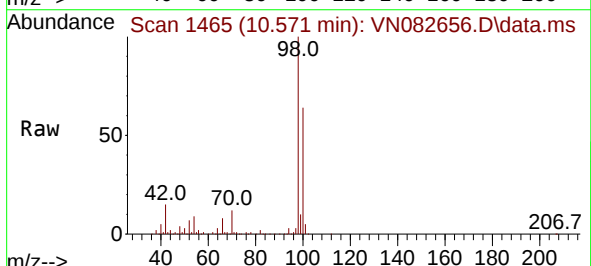
RT: 10.571 min Scan# 1465

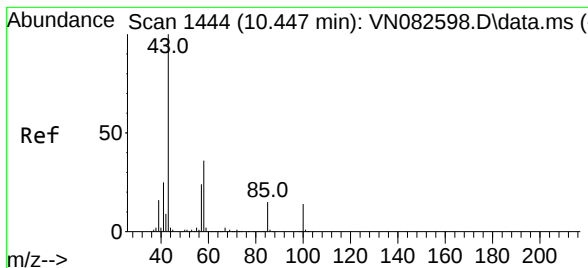
Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

Tgt Ion:	98	Resp:	414051
Ion Ratio	Lower	Upper	
98	100		
100	63.9	51.5	77.3





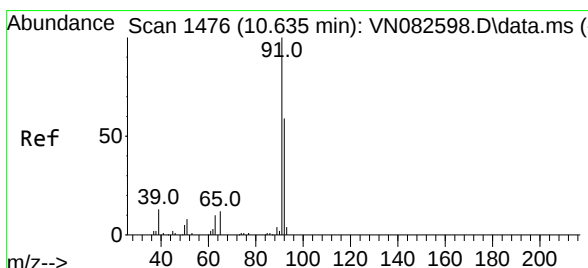
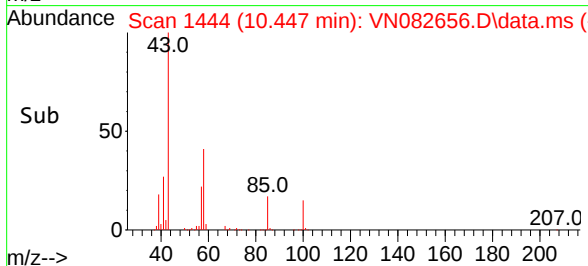
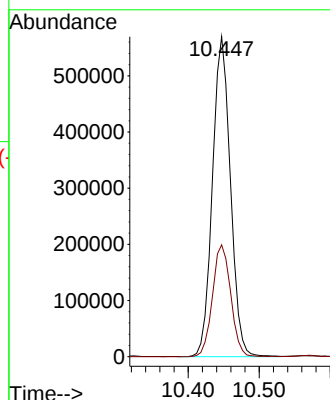
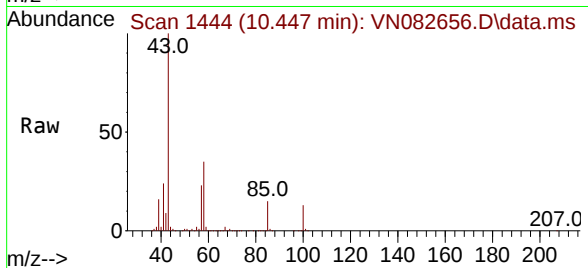
#51
4-Methyl-2-Pentanone
Concen: 274.970 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1000083
Ion Ratio Lower Upper
43 100
58 35.5 28.2 42.4

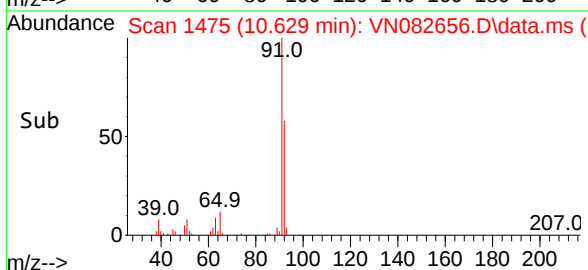
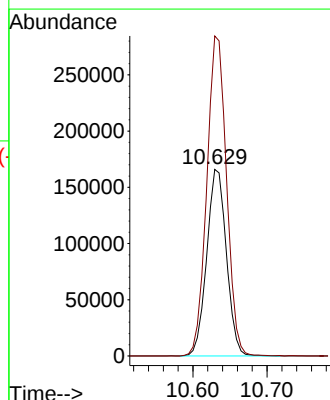
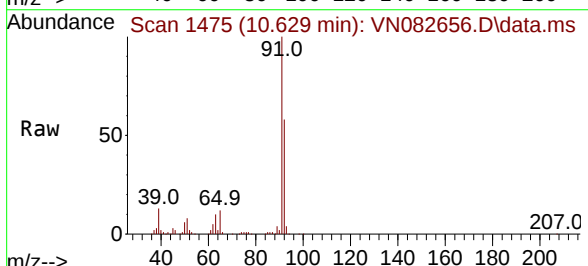
Manual Integrations
APPROVED

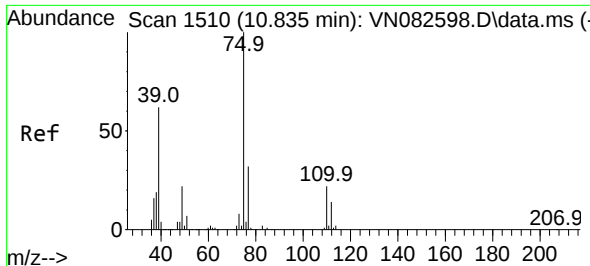
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#52
Toluene
Concen: 54.915 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

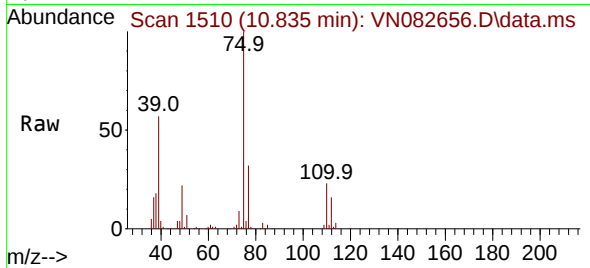
Tgt Ion: 92 Resp: 306307
Ion Ratio Lower Upper
92 100
91 172.1 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 53.543 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

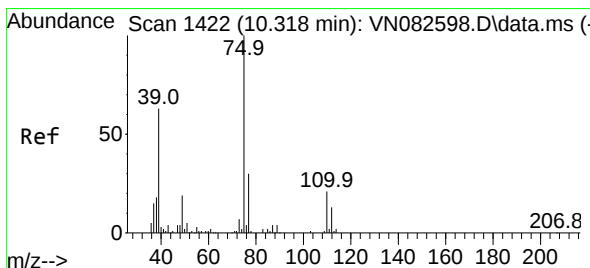
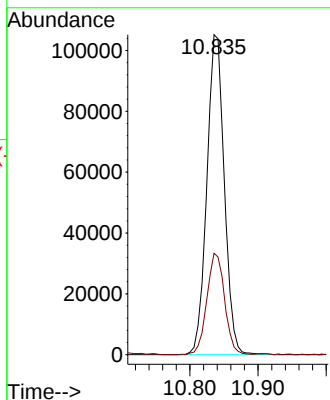
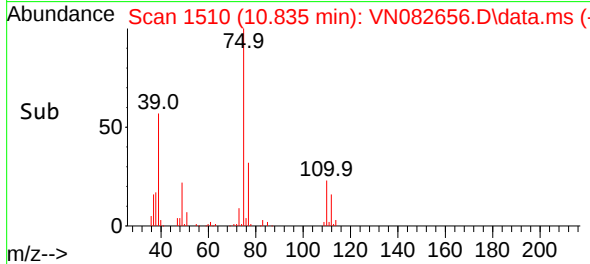
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



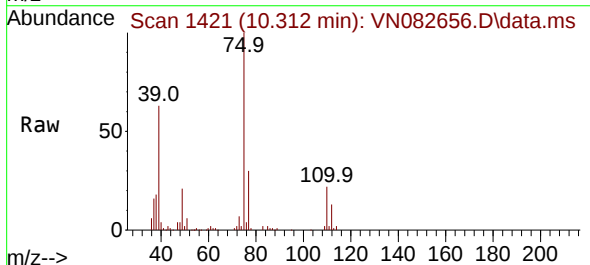
Tgt Ion: 75 Resp: 187409
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5

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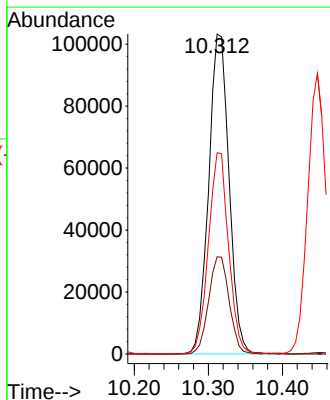
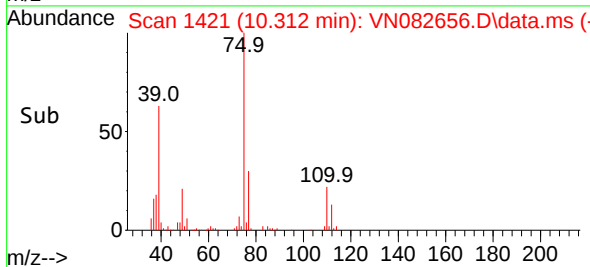
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

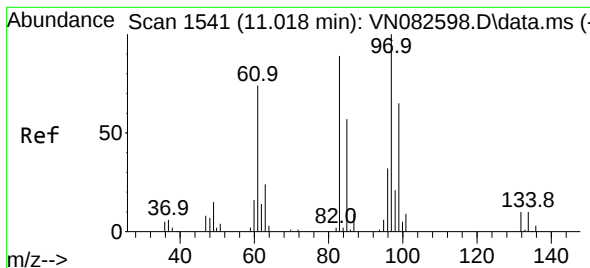


#54
cis-1,3-Dichloropropene
Concen: 54.379 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00



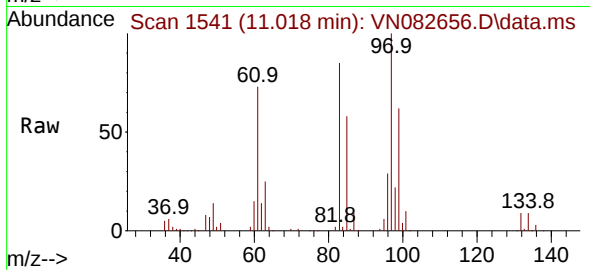
Tgt Ion: 75 Resp: 196821
Ion Ratio Lower Upper
75 100
77 30.4 24.3 36.5
39 62.9 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 55.376 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

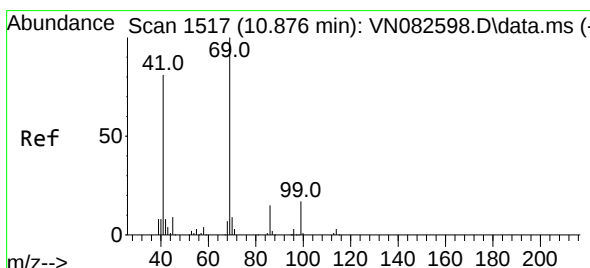
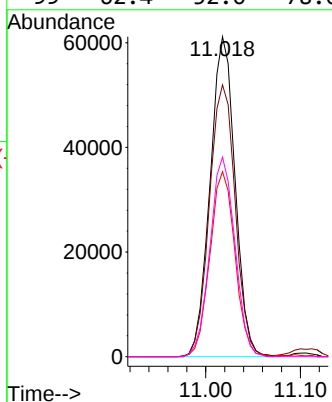
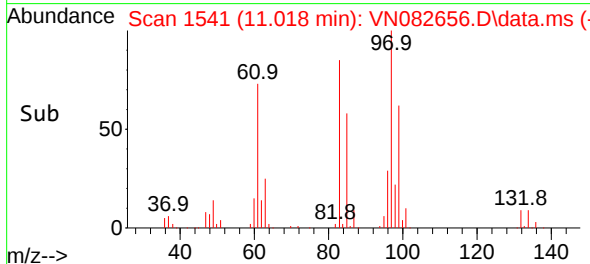
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



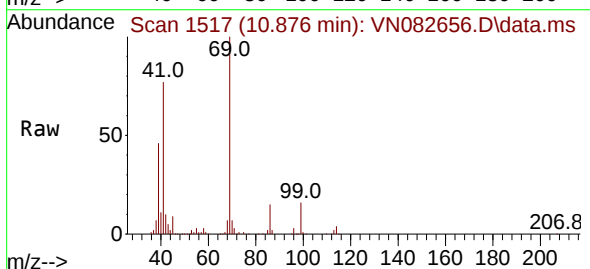
Tgt Ion: 97 Resp: 111790
Ion Ratio Lower Upper
97 100
83 84.9 71.4 107.0
85 57.8 45.8 68.6
99 62.4 52.0 78.0

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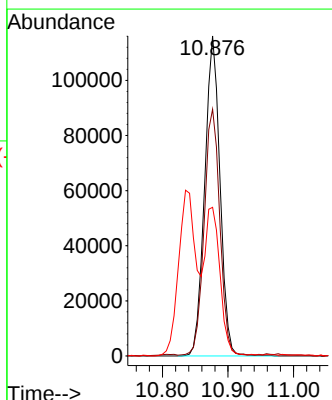
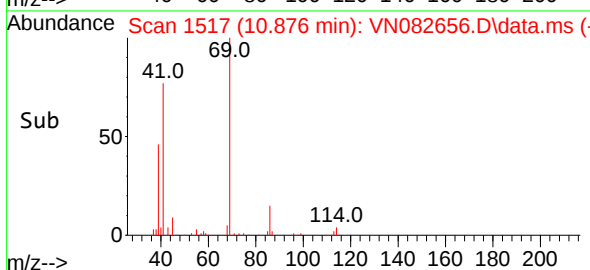
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

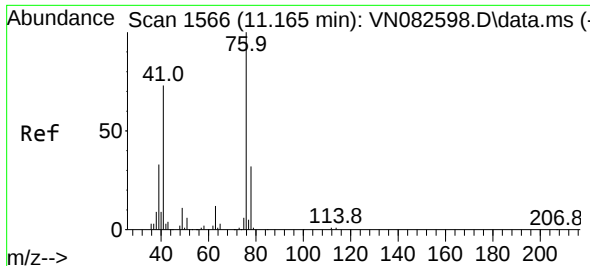


#56
Ethyl methacrylate
Concen: 56.365 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00



Tgt Ion: 69 Resp: 188467
Ion Ratio Lower Upper
69 100
41 78.3 63.4 95.2
39 44.6 37.4 56.0





#57

1,3-Dichloropropane

Concen: 54.204 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN082656.D

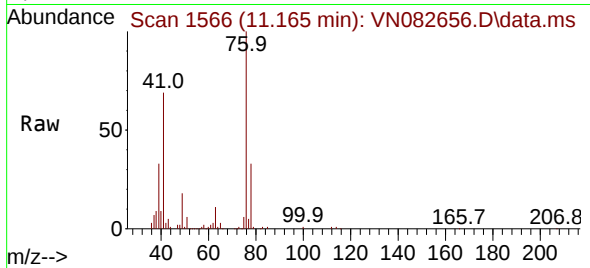
Acq: 20 Jun 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 76 Resp: 202299

Ion Ratio Lower Upper

76 100

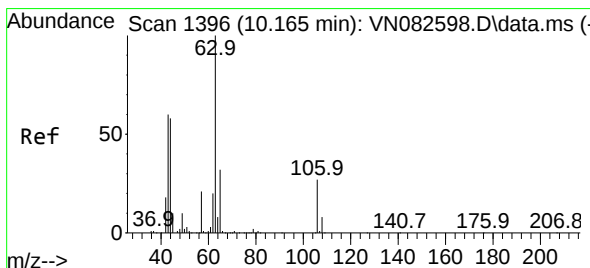
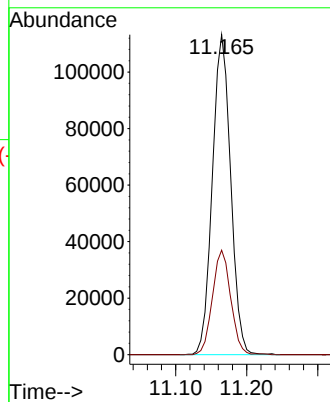
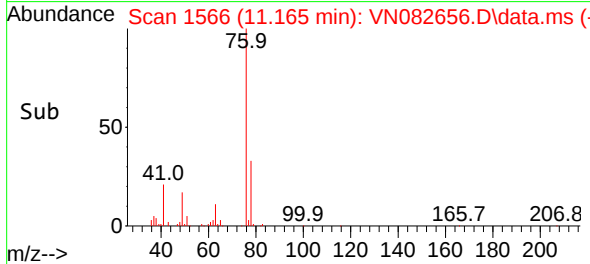
78 32.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#58

2-Chloroethyl Vinyl ether

Concen: 276.092 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN082656.D

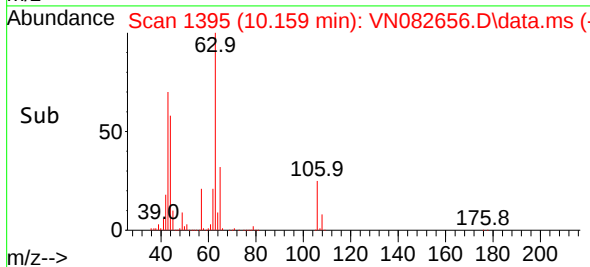
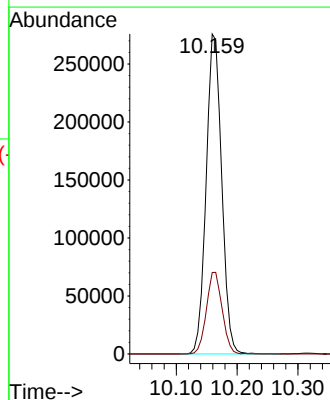
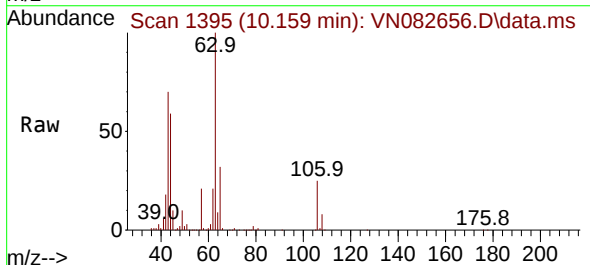
Acq: 20 Jun 2024 10:00

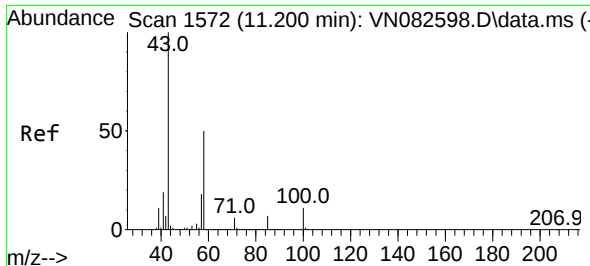
Tgt Ion: 63 Resp: 488360

Ion Ratio Lower Upper

63 100

106 25.9 21.4 32.0





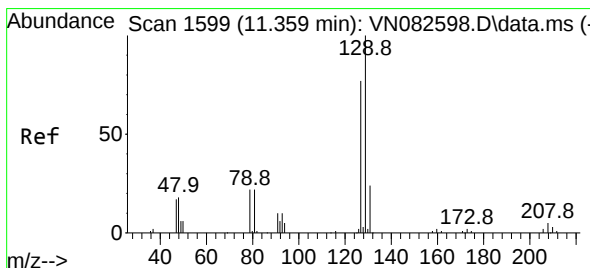
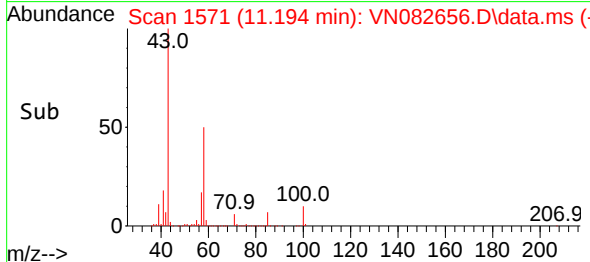
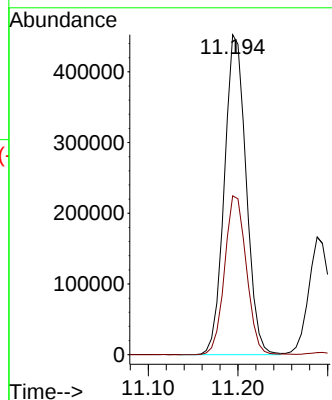
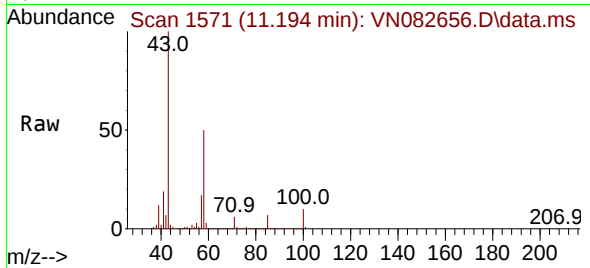
#59
2-Hexanone
Concen: 275.727 ug/l
RT: 11.194 min Scan# 1572
Delta R.T. -0.006 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 76220
Ion Ratio Lower Upper
43 100
58 49.7 24.6 73.8

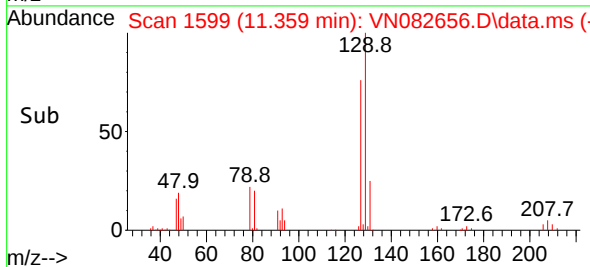
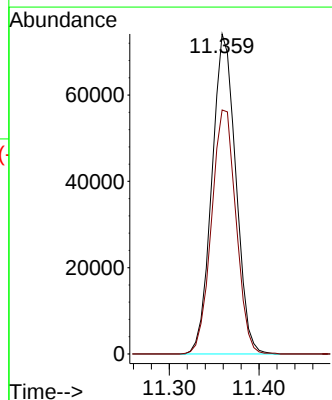
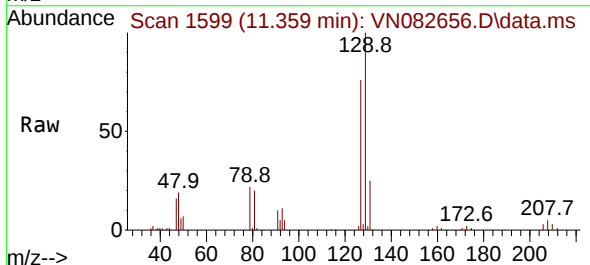
Manual Integrations
APPROVED

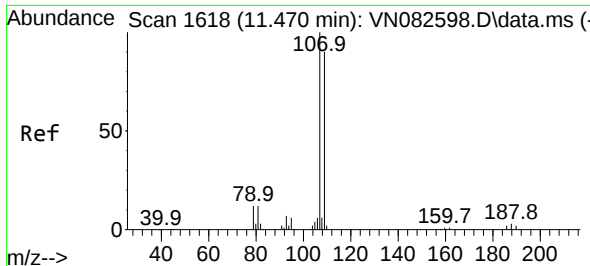
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#60
Dibromochloromethane
Concen: 55.661 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

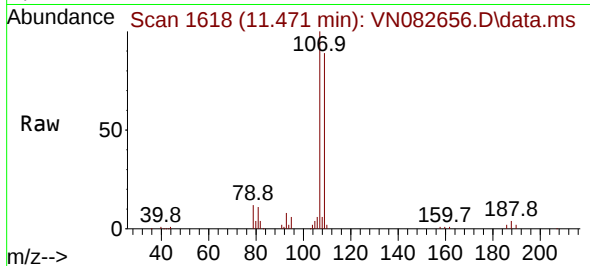
Tgt Ion:129 Resp: 137173
Ion Ratio Lower Upper
129 100
127 78.2 39.2 117.6





#61
1,2-Dibromoethane
Concen: 52.560 ug/l
RT: 11.471 min Scan# 11187
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

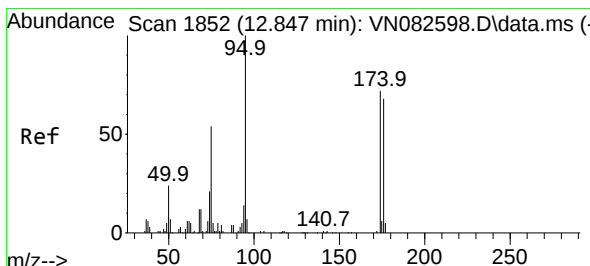
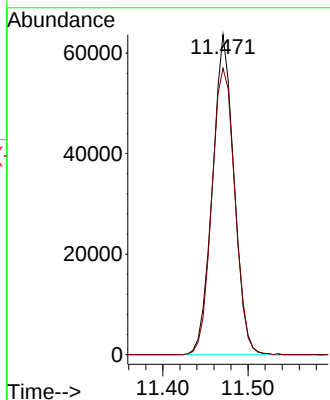
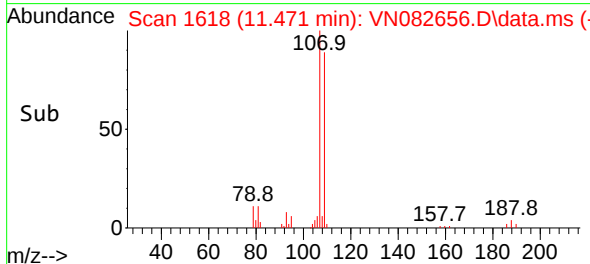
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 11187
Ion Ratio Lower Upper
107 100
109 95.7 73.7 110.5

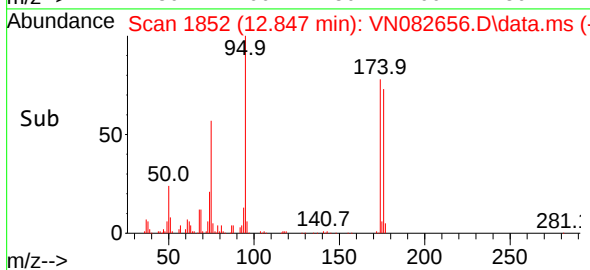
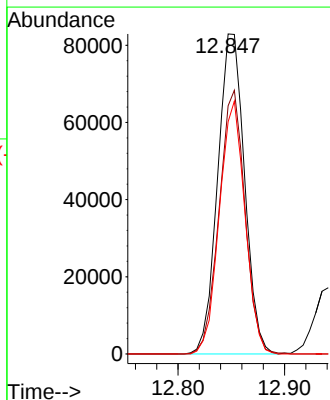
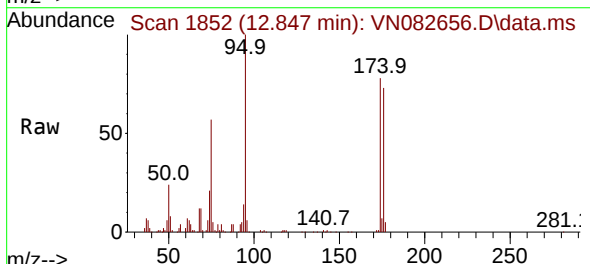
Manual Integrations
APPROVED

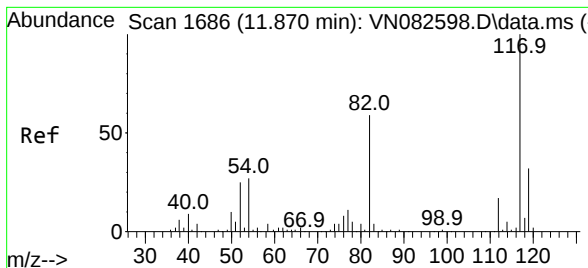
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#62
4-Bromofluorobenzene
Concen: 55.902 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

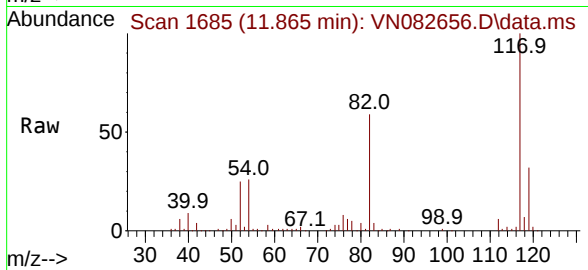
Tgt Ion: 95 Resp: 145227
Ion Ratio Lower Upper
95 100
174 79.4 0.0 159.2
176 75.2 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

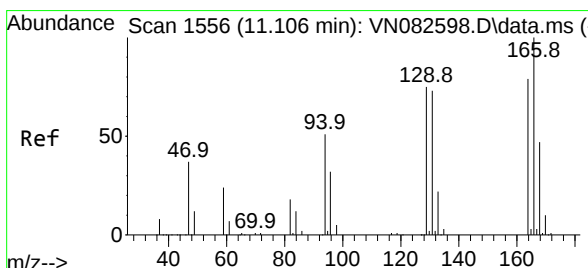
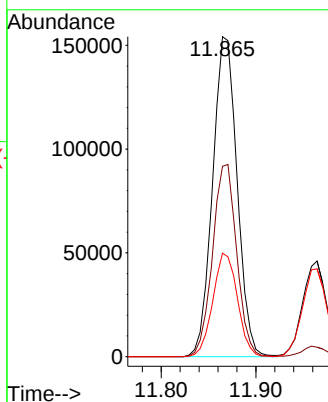
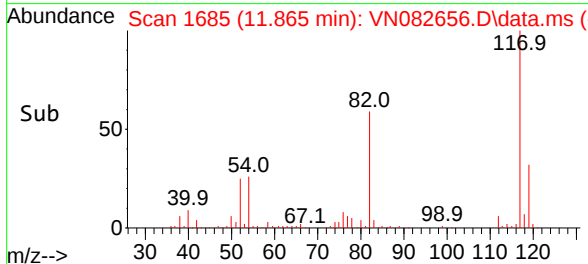
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



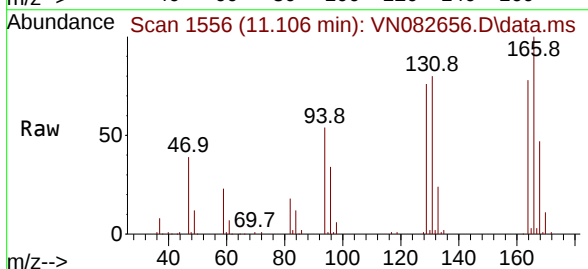
Tgt Ion:117 Resp: 277532
Ion Ratio Lower Upper
117 100
82 59.5 47.5 71.3
119 32.3 25.6 38.4

Manual Integrations
APPROVED

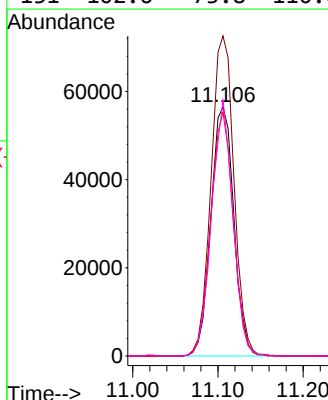
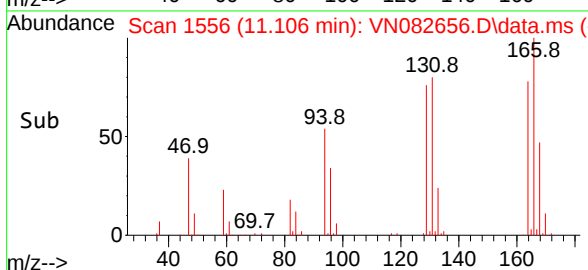
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

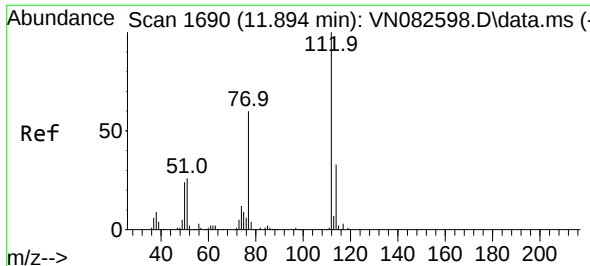


#64
Tetrachloroethene
Concen: 46.222 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00



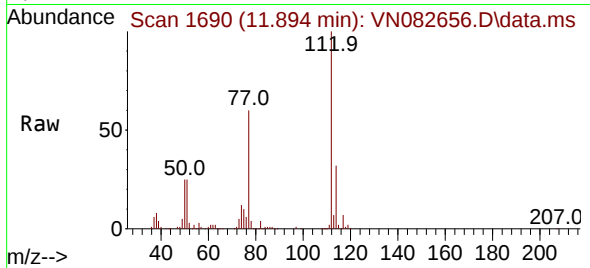
Tgt Ion:164 Resp: 105771
Ion Ratio Lower Upper
164 100
166 128.4 101.4 152.0
129 97.8 75.7 113.5
131 102.6 73.8 110.6





#65
Chlorobenzene
Concen: 51.044 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

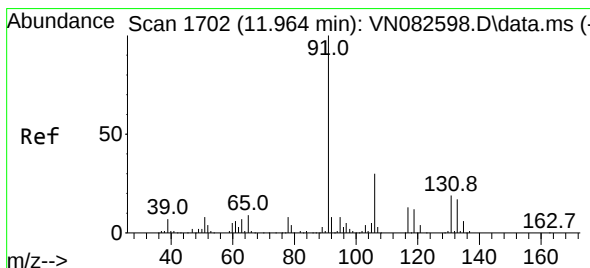
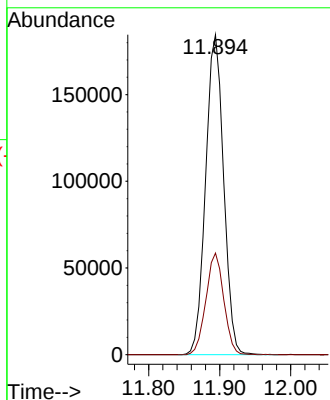
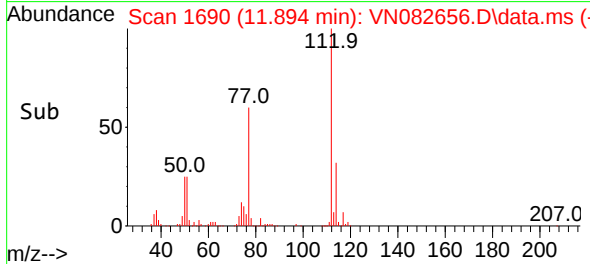
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



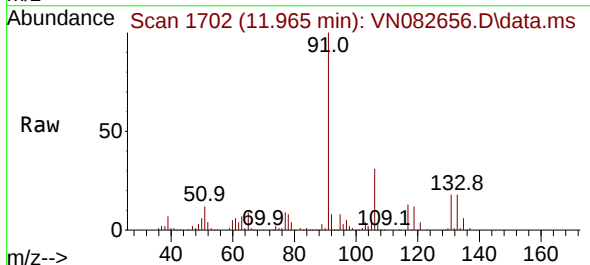
Tgt Ion:112 Resp: 324858
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2

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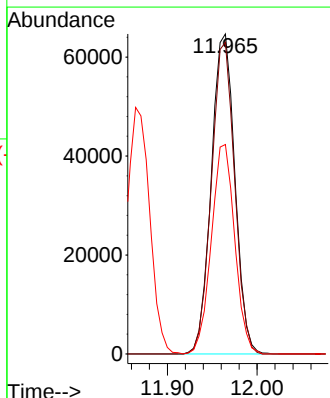
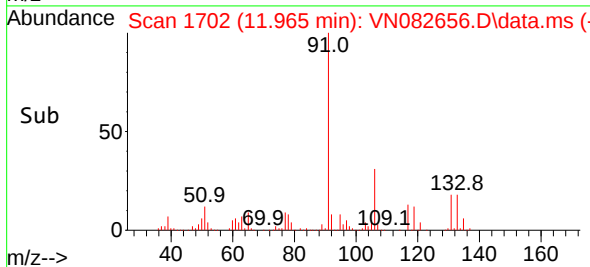
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 52.014 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00



Tgt Ion:131 Resp: 118038
Ion Ratio Lower Upper
131 100
133 95.7 47.3 142.0
119 65.0 32.5 97.4





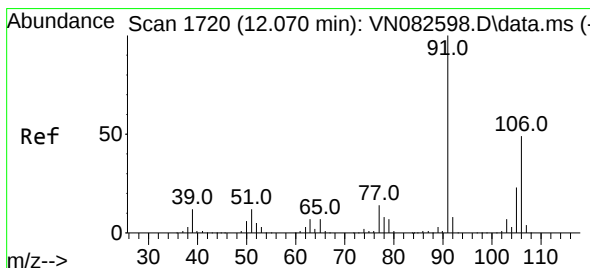
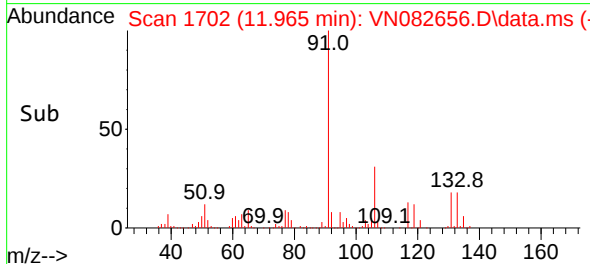
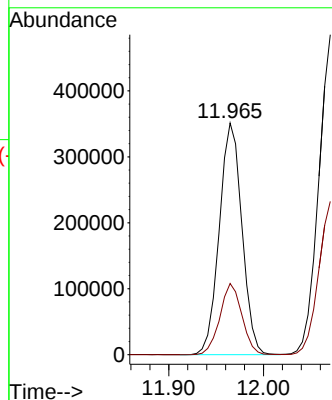
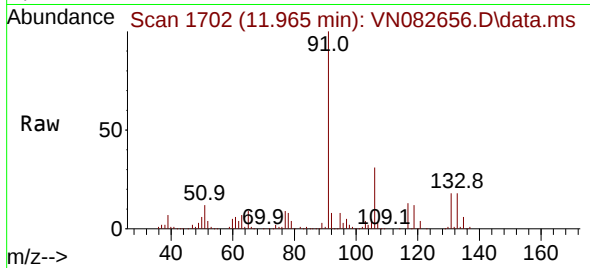
#67
Ethyl Benzene
Concen: 53.823 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 58366
Ion Ratio Lower Upper
91 100
106 30.7 24.0 36.0

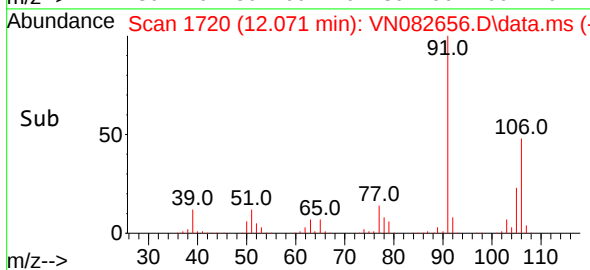
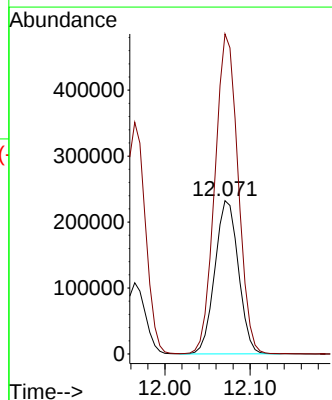
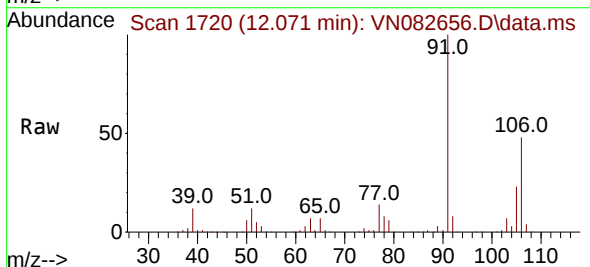
Manual Integrations
APPROVED

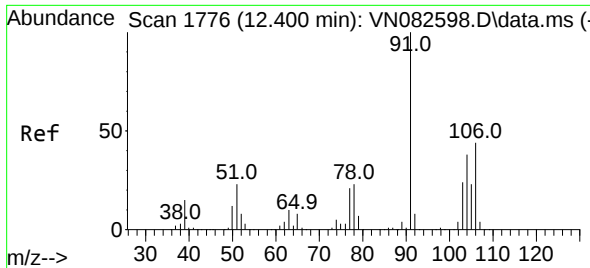
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#68
m/p-Xylenes
Concen: 110.459 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

Tgt Ion:106 Resp: 445631
Ion Ratio Lower Upper
106 100
91 206.6 166.1 249.1





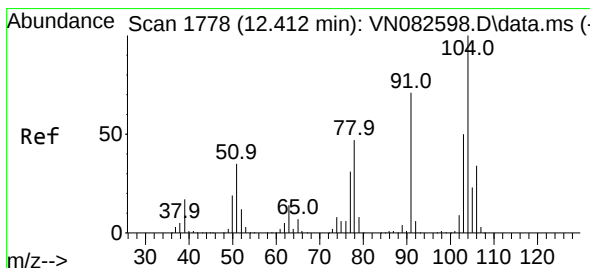
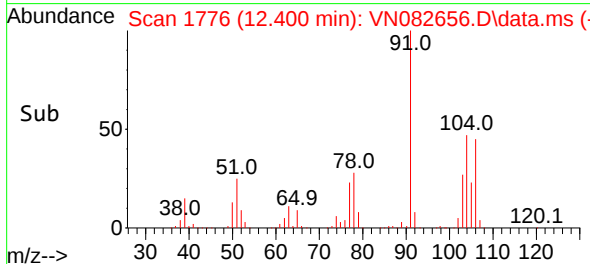
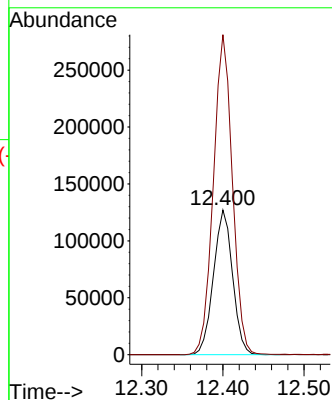
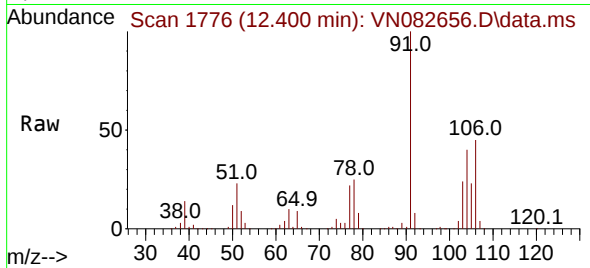
#69
o-Xylene
Concen: 54.876 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 207997
Ion Ratio Lower Upper
106 100
91 220.1 111.3 333.9

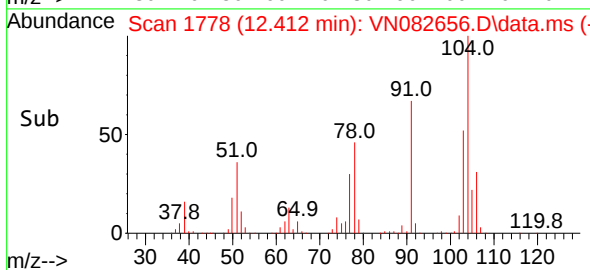
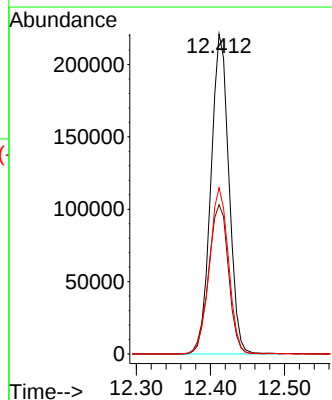
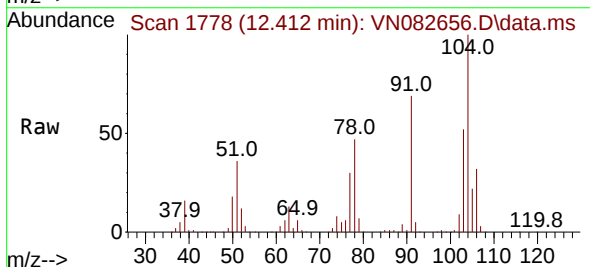
Manual Integrations
APPROVED

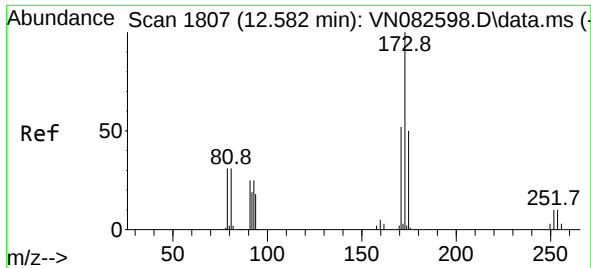
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#70
Styrene
Concen: 58.014 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

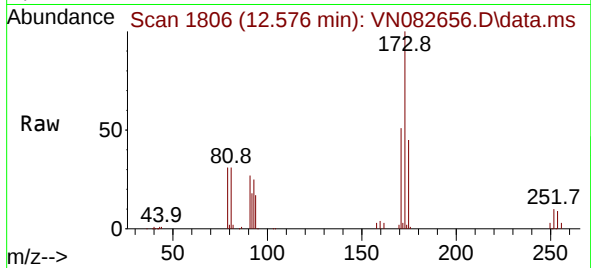
Tgt Ion:104 Resp: 373209
Ion Ratio Lower Upper
104 100
78 51.7 41.6 62.4
103 54.8 44.0 66.0





#71
Bromoform
Concen: 53.386 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

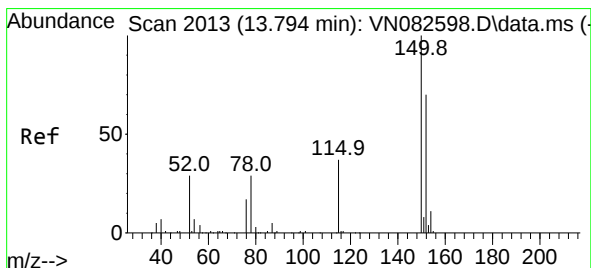
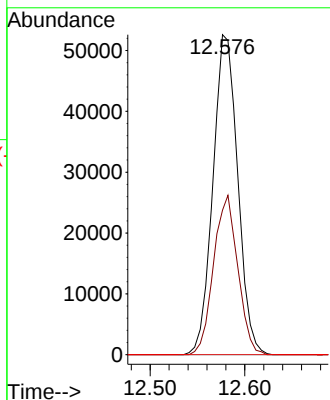
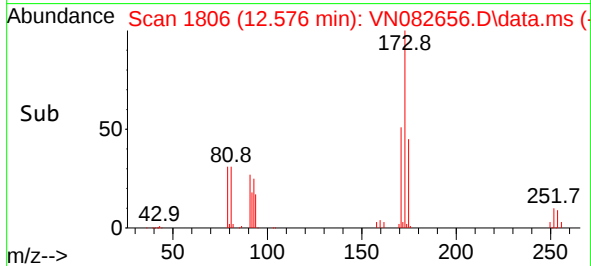
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 95780
Ion Ratio Lower Upper
173 100
175 48.5 24.0 72.0
254 0.0 0.0 0.0

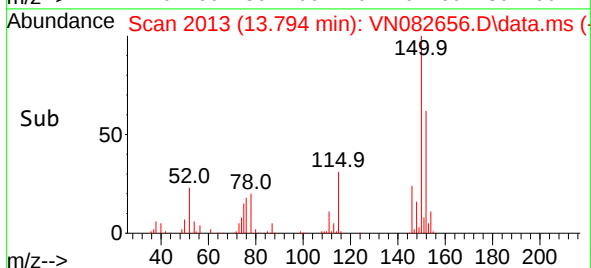
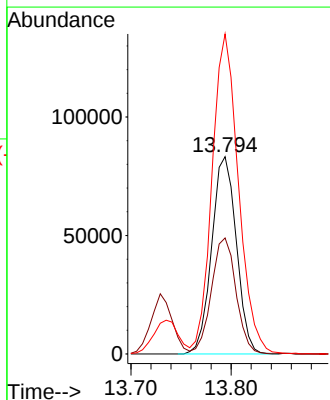
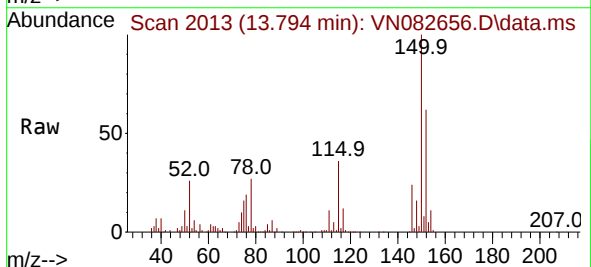
Manual Integrations
APPROVED

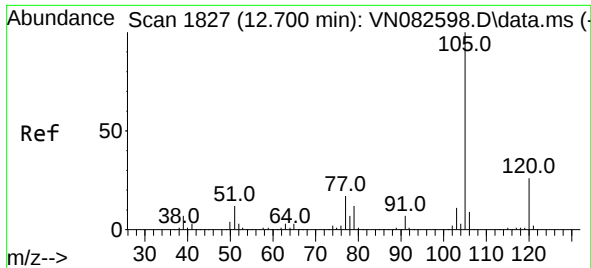
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

Tgt Ion:152 Resp: 142178
Ion Ratio Lower Upper
152 100
115 58.6 30.6 91.6
150 173.6 0.0 348.6





#73
Isopropylbenzene
Concen: 49.795 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

Instrument :

MSVOA_N

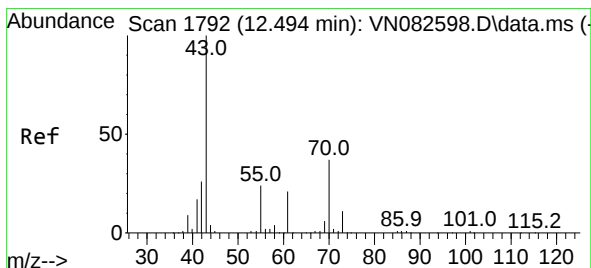
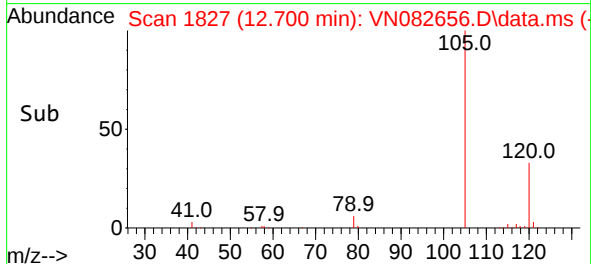
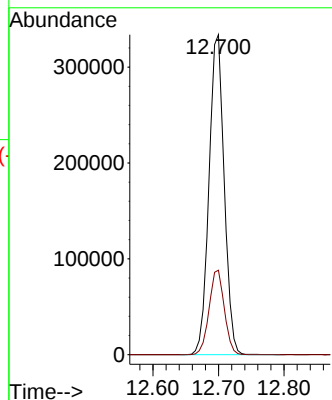
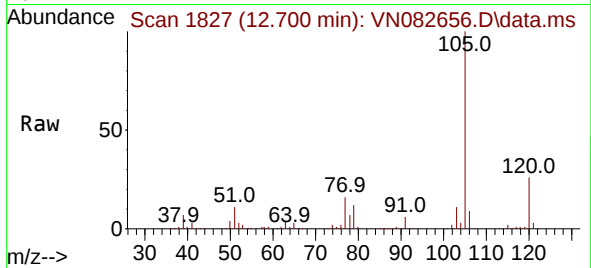
ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 53760
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

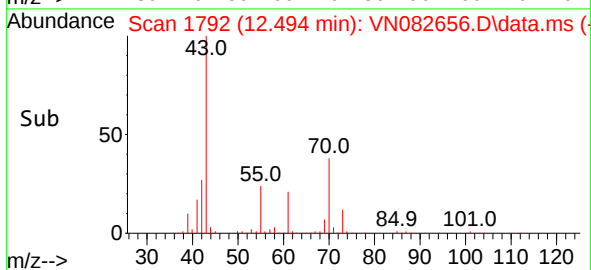
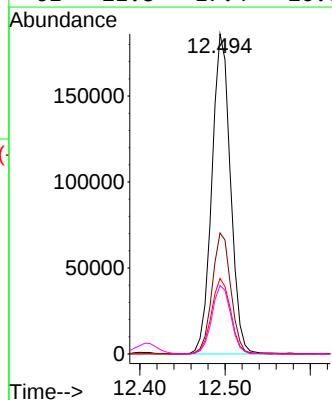
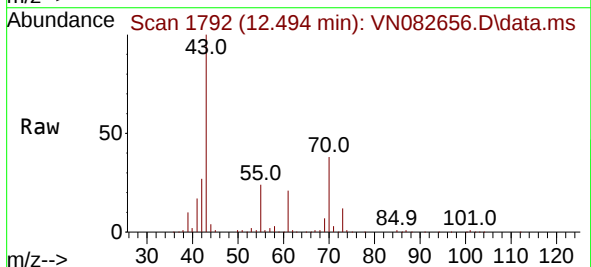
Manual Integrations
APPROVED

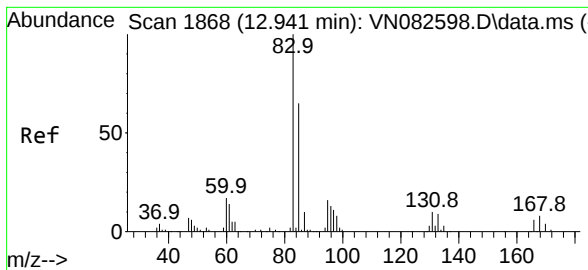
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#74
N-ethyl acetate
Concen: 49.148 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

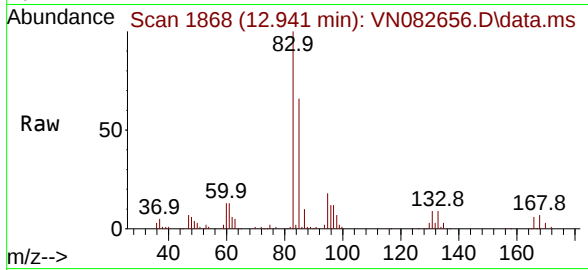
Tgt Ion: 43 Resp: 283183
Ion Ratio Lower Upper
43 100
70 38.0 29.8 44.6
55 24.4 18.7 28.1
61 21.8 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 47.544 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

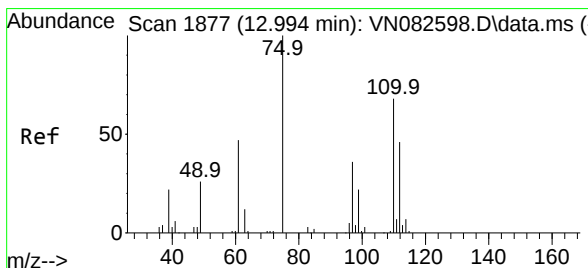
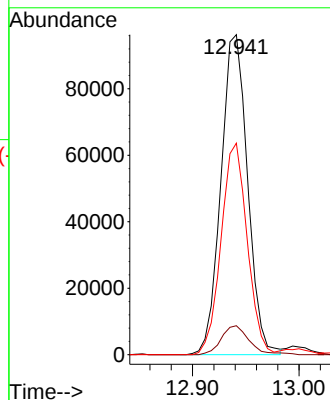
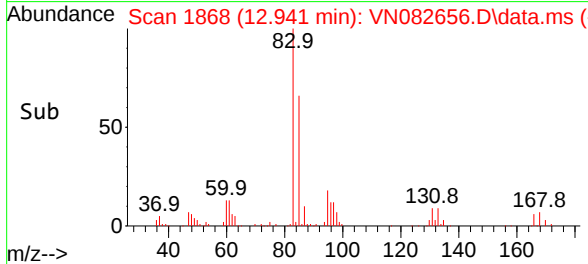
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 16743
Ion Ratio Lower Upper
83 100
131 9.5 5.0 14.9
85 64.6 31.9 95.7

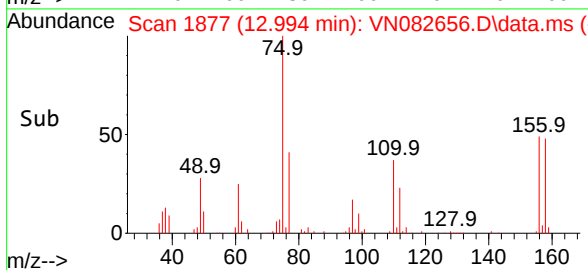
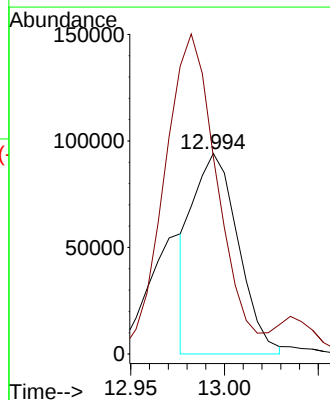
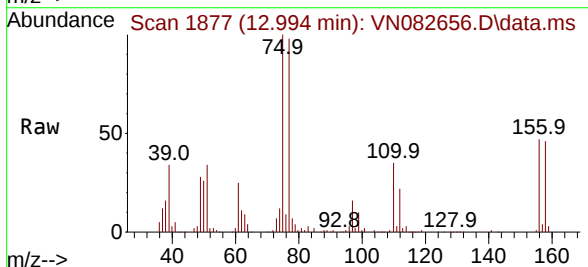
Manual Integrations
APPROVED

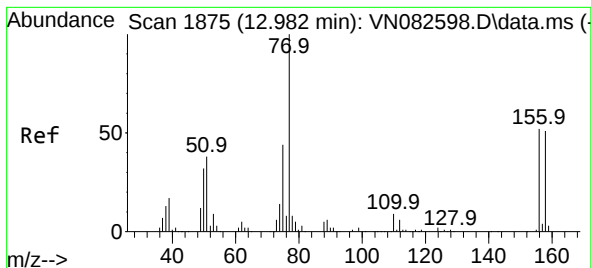
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#76
1,2,3-Trichloropropane
Concen: 45.729 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

Tgt Ion: 75 Resp: 159021
Ion Ratio Lower Upper
75 100
77 185.4 110.9 332.6





#77

Bromobenzene

Concen: 48.423 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

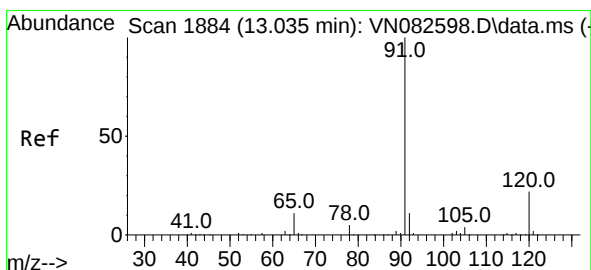
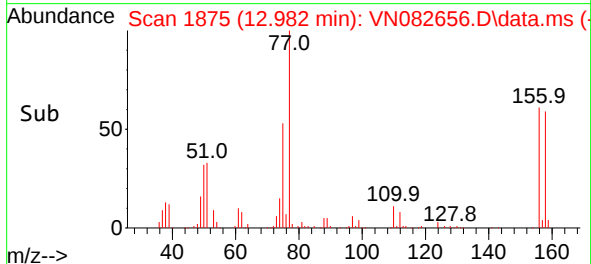
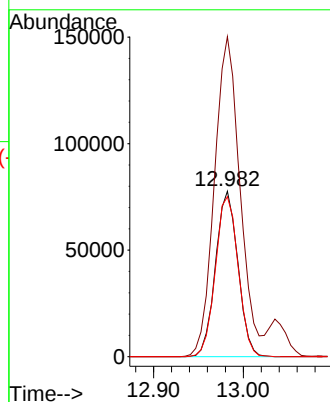
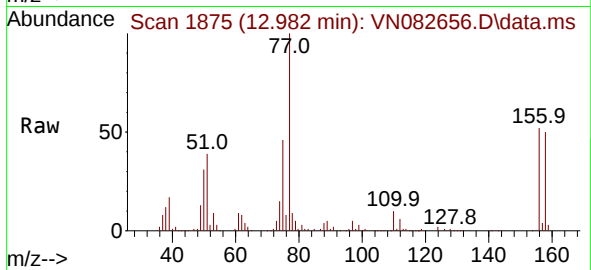
Tgt Ion:156 Resp: 13456
 Ion Ratio Lower Upper
 156 100
 77 219.1 111.3 333.8
 158 98.4 48.3 144.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#78

n-propylbenzene

Concen: 52.255 ug/l

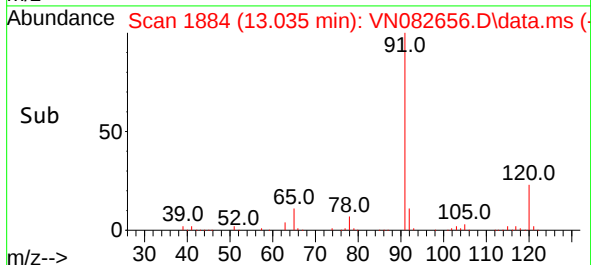
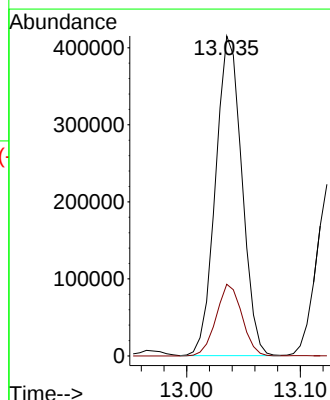
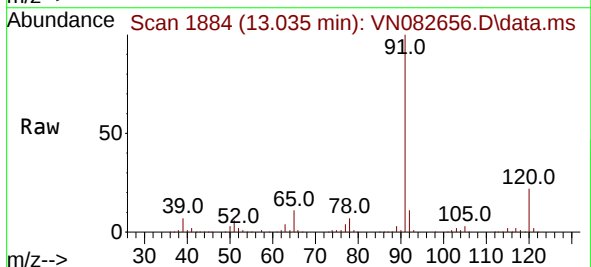
RT: 13.035 min Scan# 1884

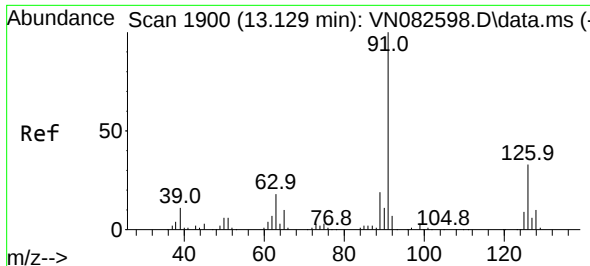
Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

Tgt Ion: 91 Resp: 667326
 Ion Ratio Lower Upper
 91 100
 120 22.0 10.9 32.9





#79

2-Chlorotoluene

Concen: 49.779 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 398659

Ion Ratio Lower Upper

91 100

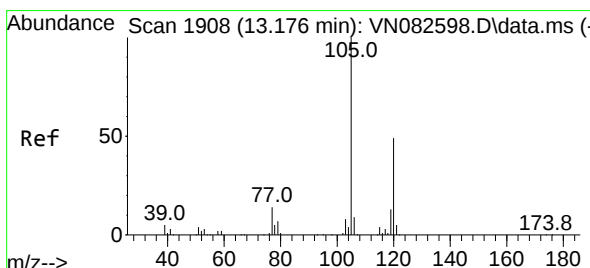
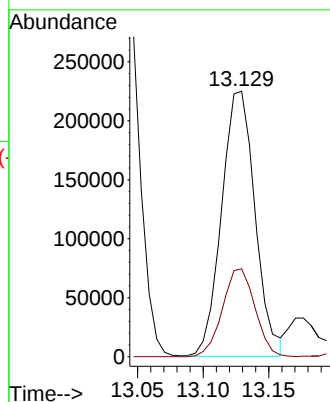
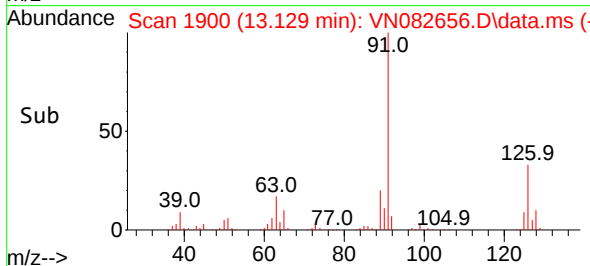
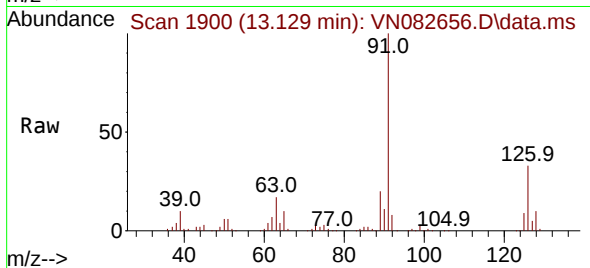
126 32.2 16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#80

1,3,5-Trimethylbenzene

Concen: 52.642 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082656.D

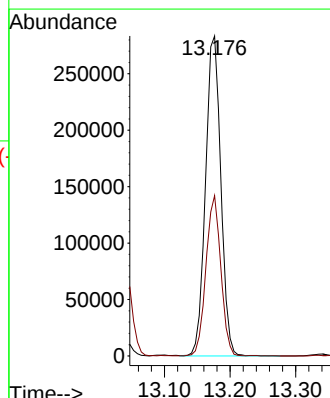
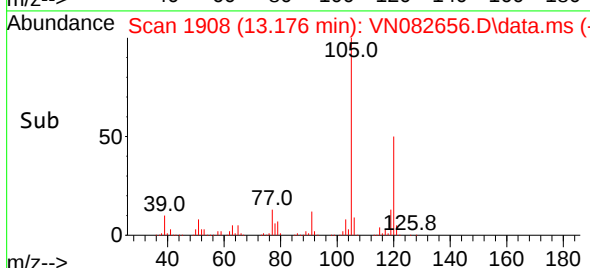
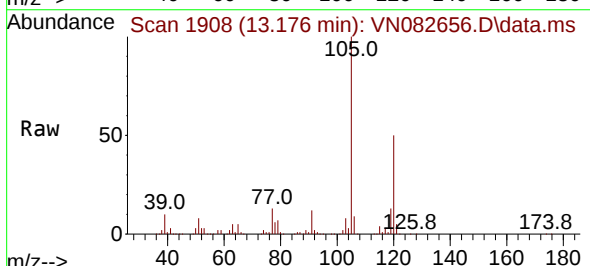
Acq: 20 Jun 2024 10:00

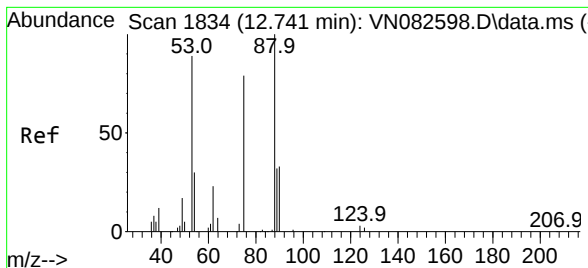
Tgt Ion:105 Resp: 461225

Ion Ratio Lower Upper

105 100

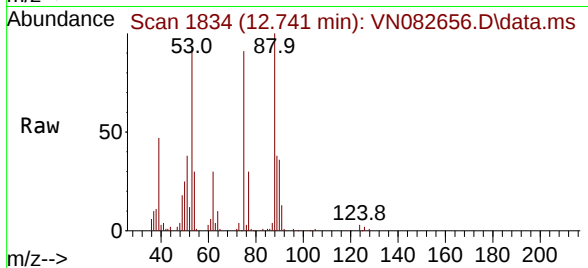
120 48.6 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 52.128 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

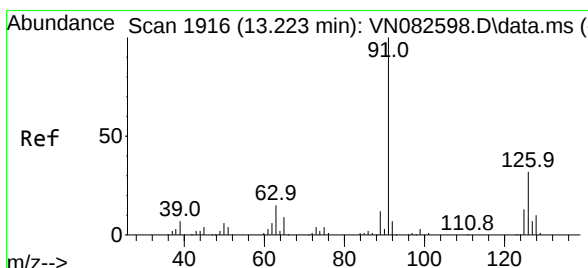
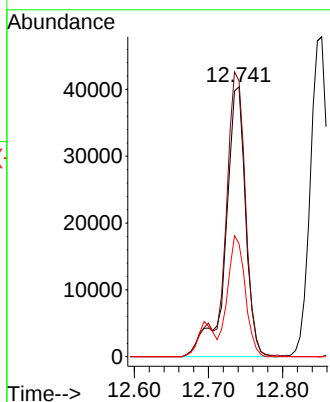
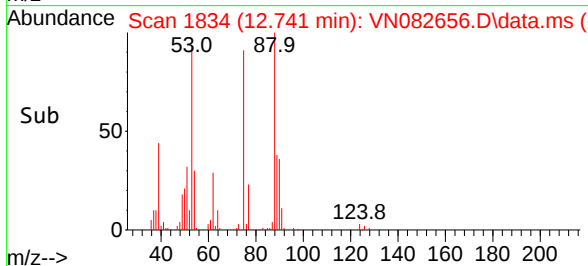
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 75770
Ion Ratio Lower Upper
75 100
53 106.9 88.4 132.6
89 39.4 36.3 54.5

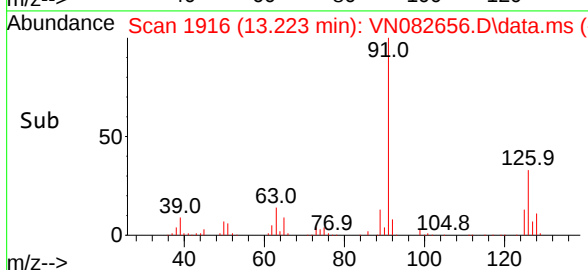
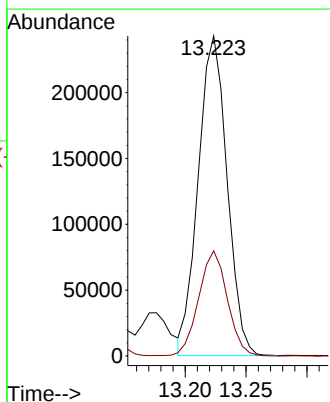
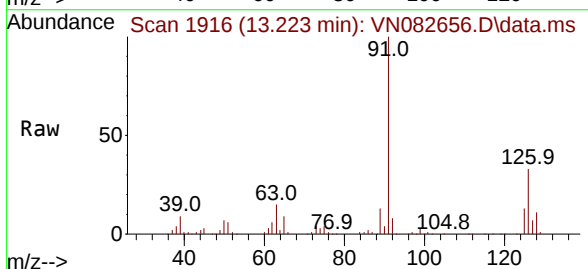
Manual Integrations
APPROVED

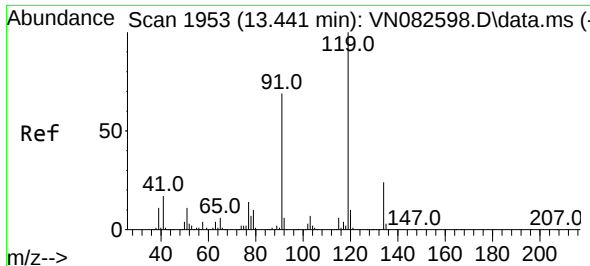
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#82
4-Chlorotoluene
Concen: 50.083 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

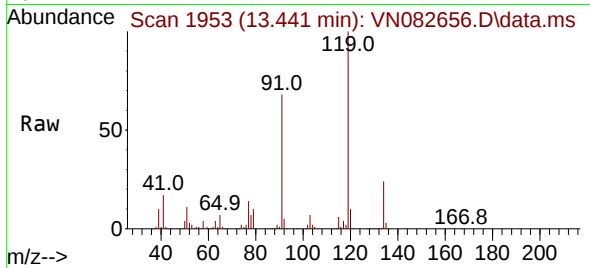
Tgt Ion: 91 Resp: 400679
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6





#83
 tert-Butylbenzene
 Concen: 51.548 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN082656.D
 Acq: 20 Jun 2024 10:00

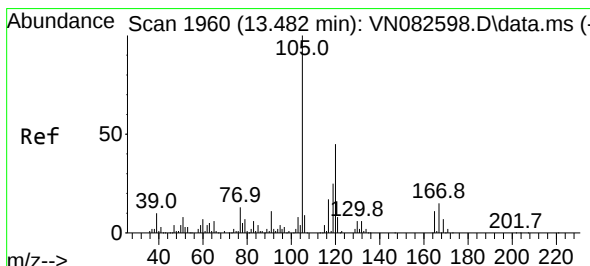
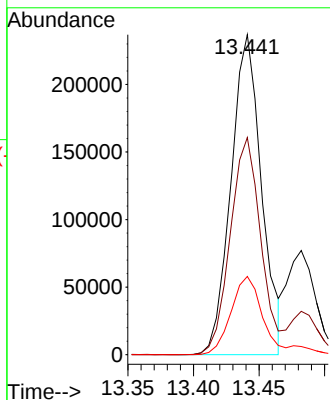
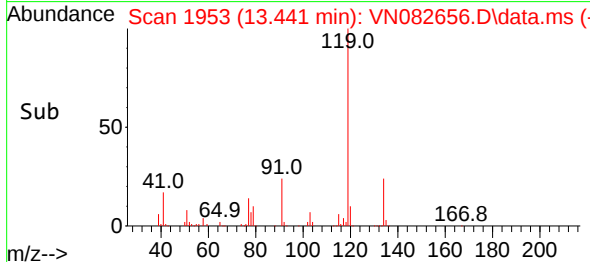
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



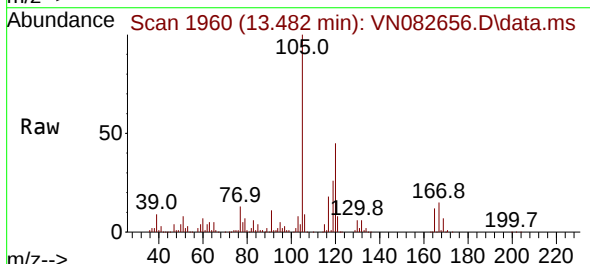
Tgt Ion:119 Resp: 384710
 Ion Ratio Lower Upper
 119 100
 91 69.0 35.0 105.1
 134 24.7 13.3 39.8

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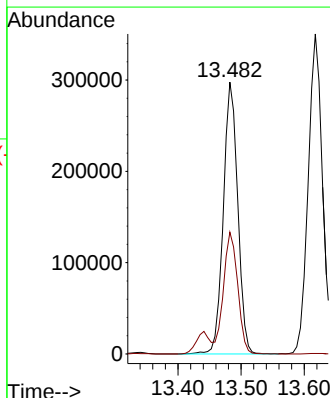
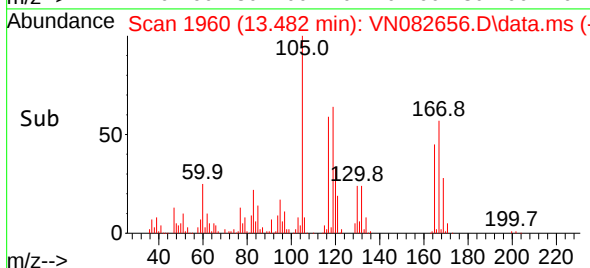
Reviewed By :John Carlone 06/21/2024
 Supervised By :Mahesh Dadoda 06/21/2024

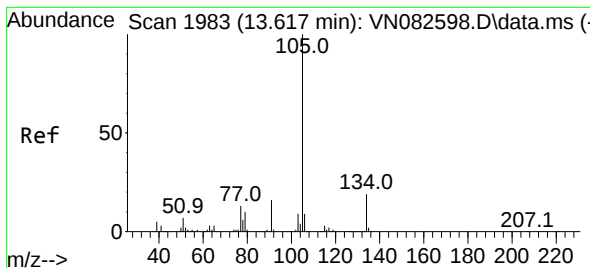


#84
 1,2,4-Trimethylbenzene
 Concen: 53.727 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN082656.D
 Acq: 20 Jun 2024 10:00



Tgt Ion:105 Resp: 472217
 Ion Ratio Lower Upper
 105 100
 120 44.6 21.9 65.8





#85

sec-Butylbenzene

Concen: 51.763 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 548640

Ion Ratio Lower Upper

105 100

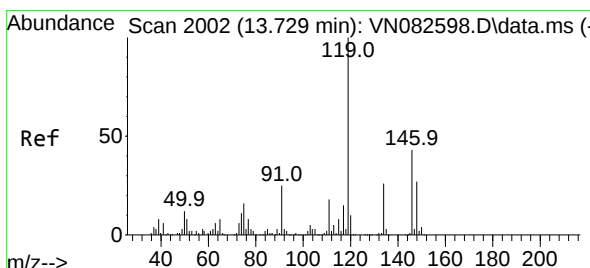
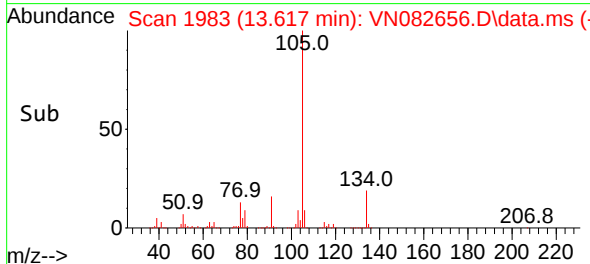
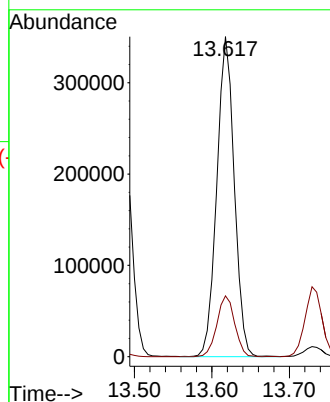
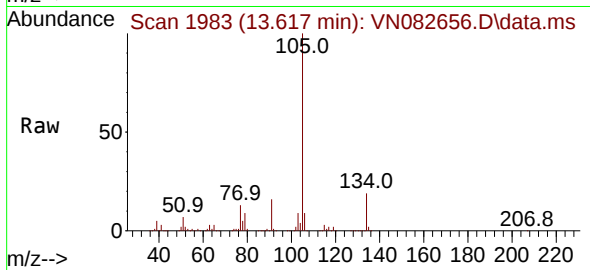
134 19.4 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#86

p-Isopropyltoluene

Concen: 54.069 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

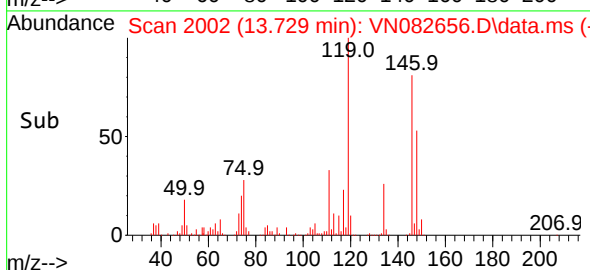
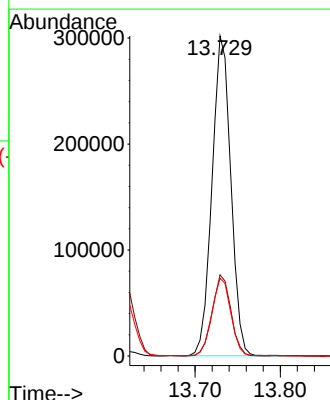
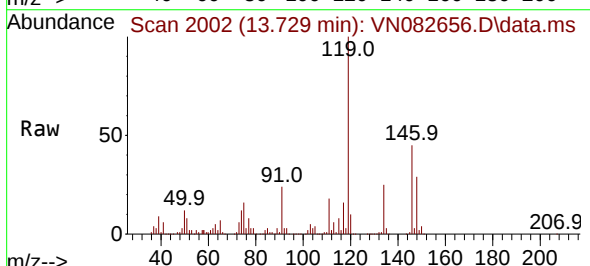
Tgt Ion:119 Resp: 461498

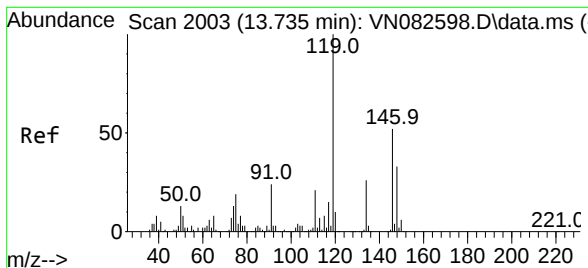
Ion Ratio Lower Upper

119 100

134 25.2 13.0 39.0

91 24.4 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 49.768 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 250764

Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.9

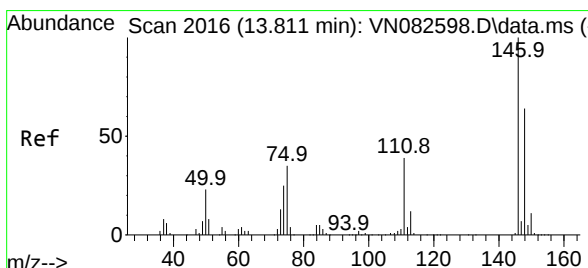
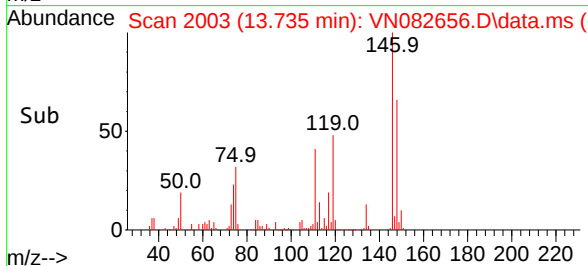
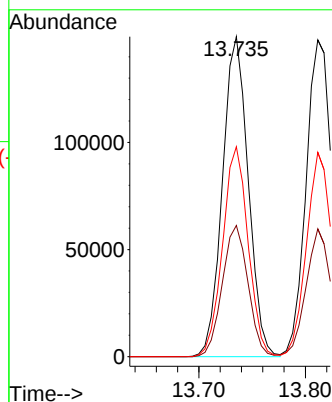
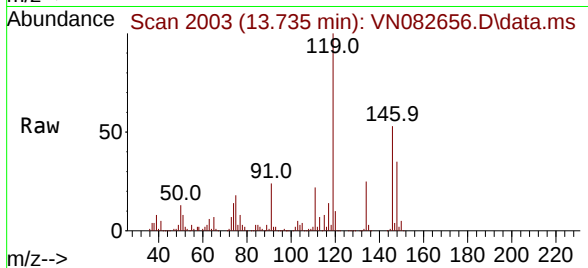
148 64.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#88

1,4-Dichlorobenzene

Concen: 47.647 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

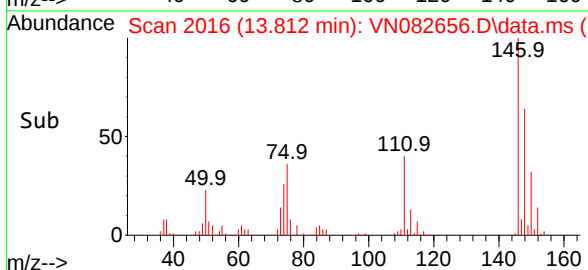
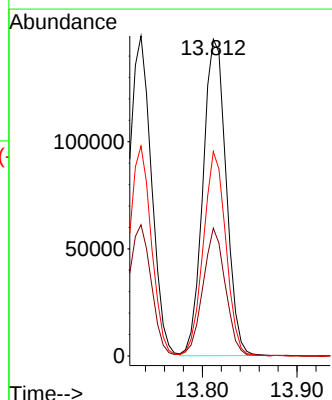
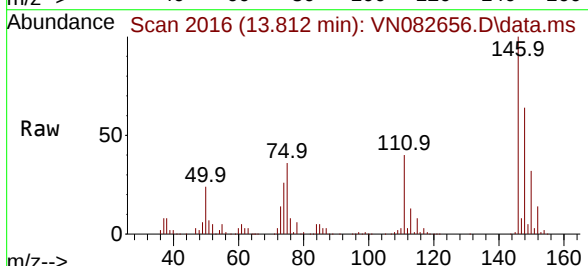
Tgt Ion:146 Resp: 250939

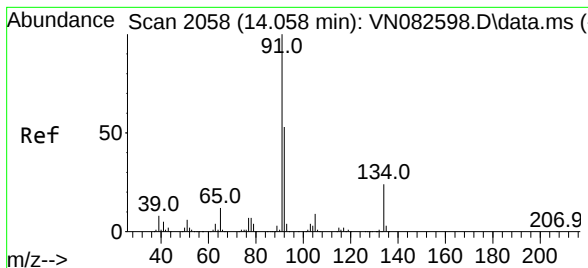
Ion Ratio Lower Upper

146 100

111 39.0 20.1 60.3

148 62.7 32.2 96.6





#89

n-Butylbenzene

Concen: 51.708 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

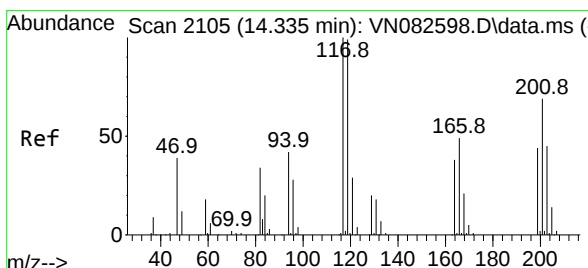
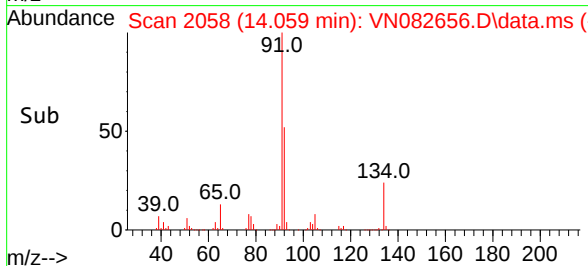
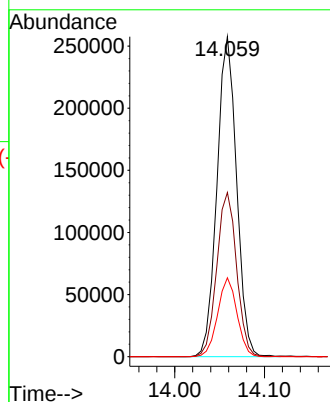
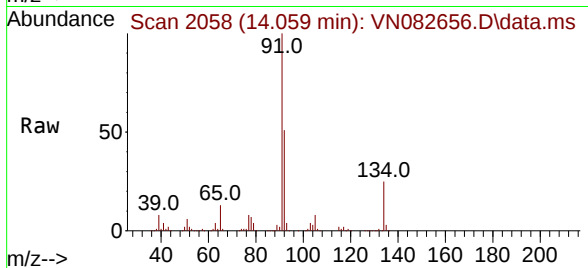
Tgt Ion: 91	Resp: 39149
Ion Ratio	Lower Upper
91	100
92	51.9 26.1 78.3
134	24.3 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#90

Hexachloroethane

Concen: 48.439 ug/l

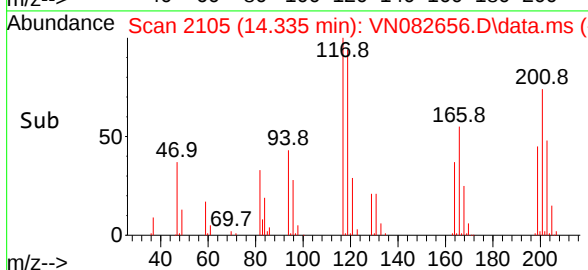
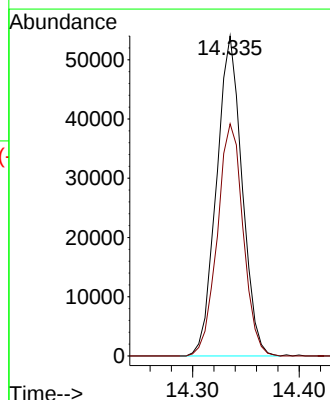
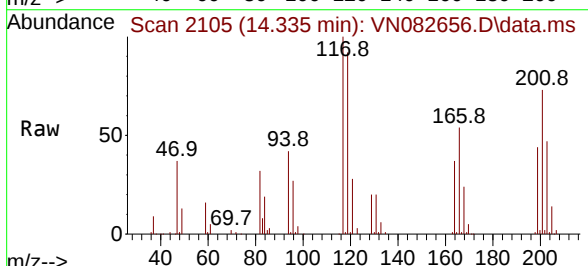
RT: 14.335 min Scan# 2105

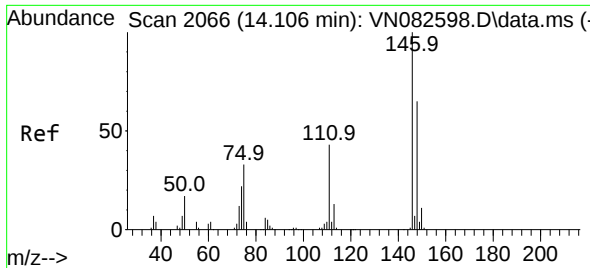
Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

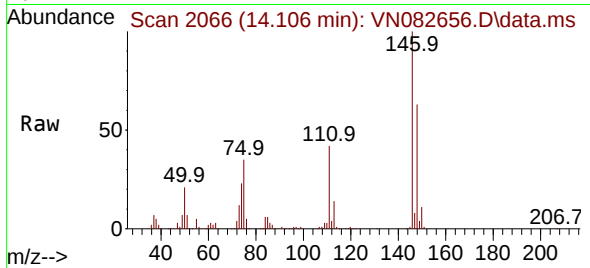
Tgt Ion:117	Resp: 89956
Ion Ratio	Lower Upper
117	100
201	73.2 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 48.817 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

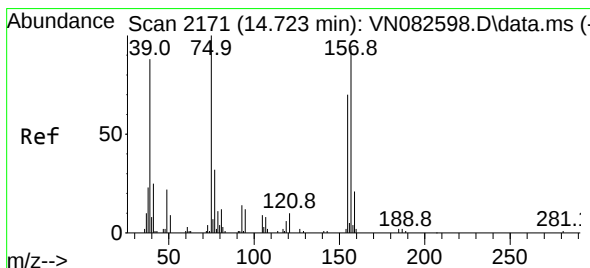
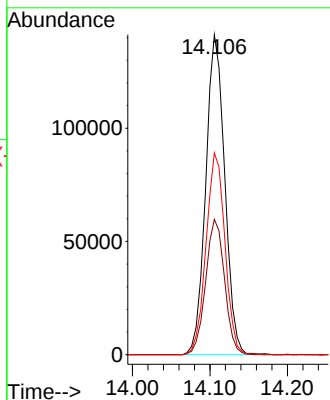
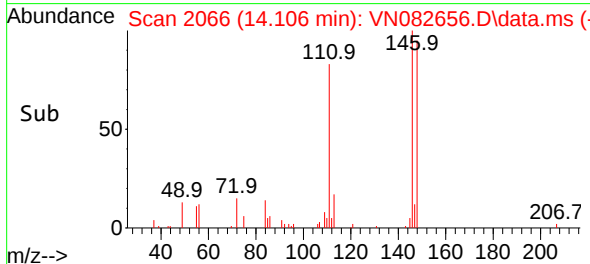
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 24017
Ion Ratio Lower Upper
146 100
111 42.1 21.4 64.2
148 63.0 32.1 96.5

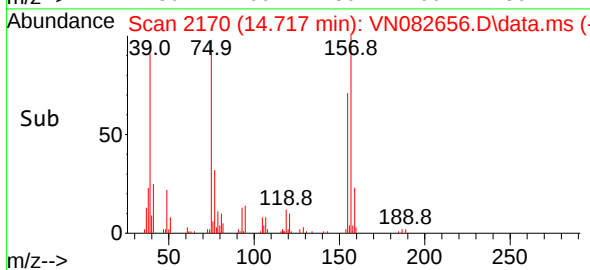
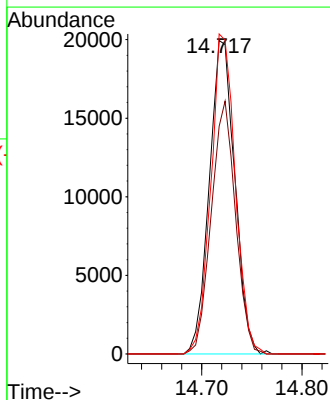
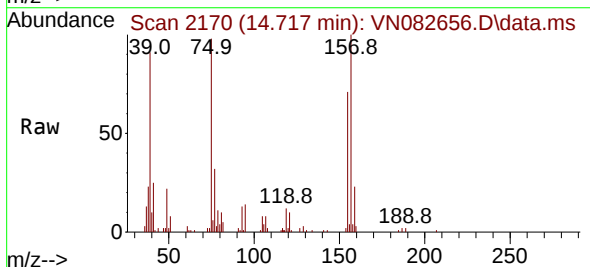
Manual Integrations
APPROVED

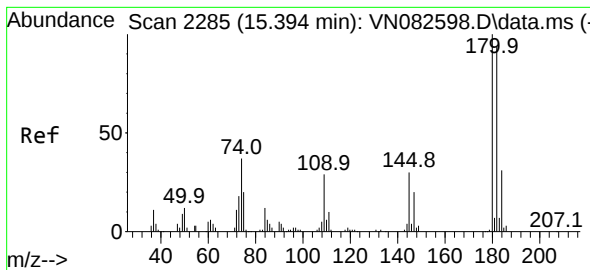
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.288 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

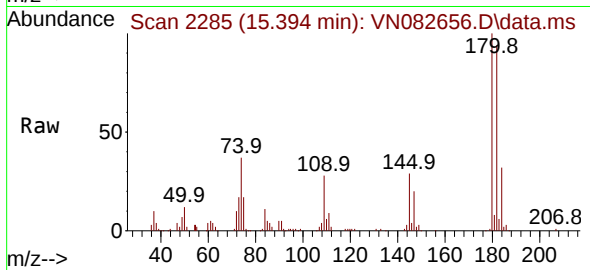
Tgt Ion: 75 Resp: 35244
Ion Ratio Lower Upper
75 100
155 76.7 36.6 109.8
157 97.8 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 47.494 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

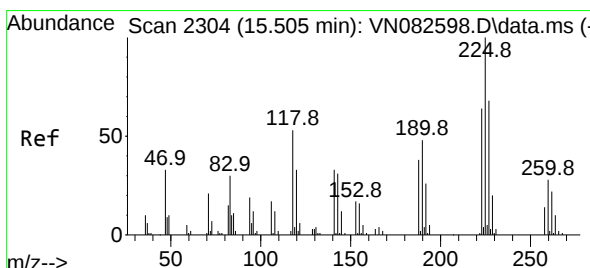
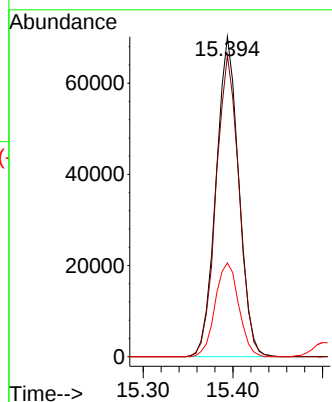
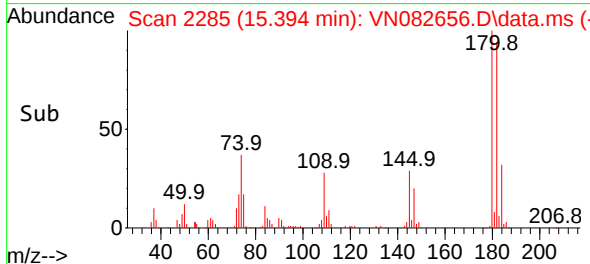
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 12321
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.8
145 30.3 15.7 47.1

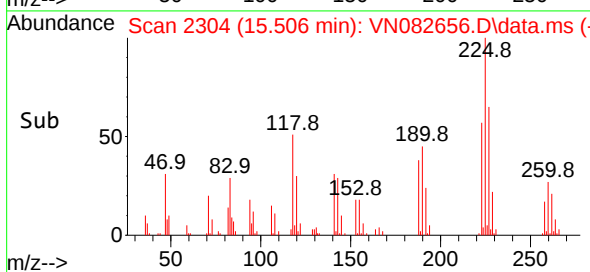
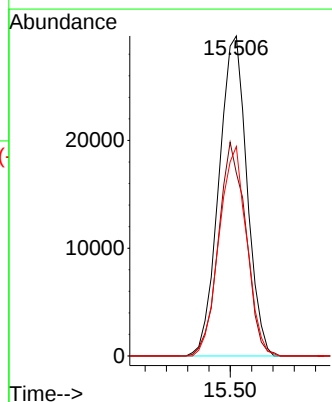
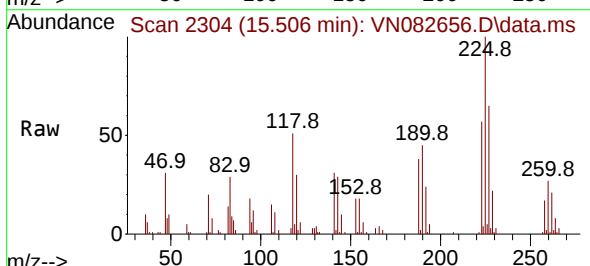
Manual Integrations
APPROVED

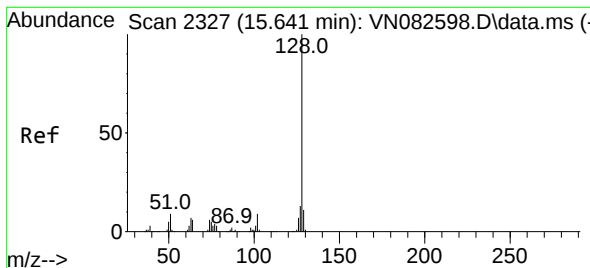
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#94
Hexachlorobutadiene
Concen: 42.402 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.001 min
Lab File: VN082656.D
Acq: 20 Jun 2024 10:00

Tgt Ion:225 Resp: 54238
Ion Ratio Lower Upper
225 100
223 65.1 31.9 95.7
227 64.5 32.5 97.5





#95

Naphthalene

Concen: 51.016 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 407180

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

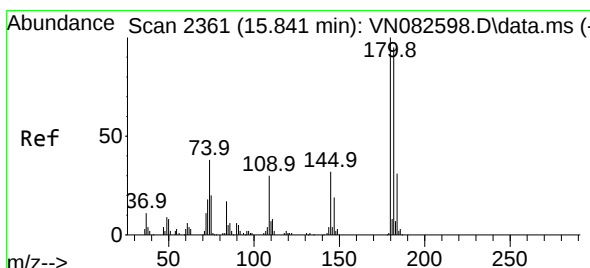
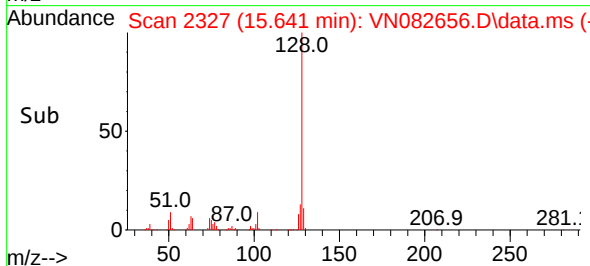
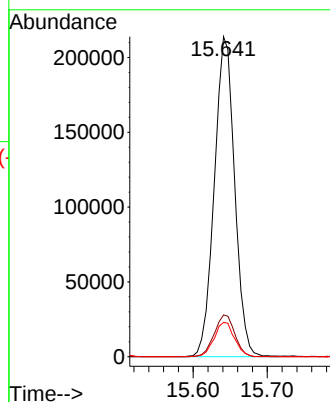
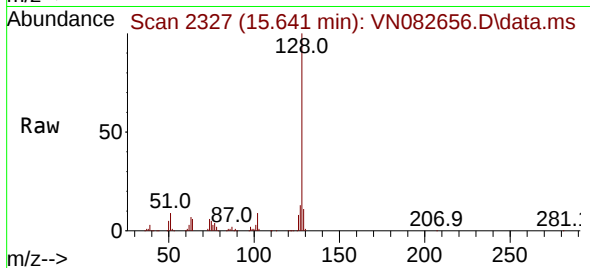
129 10.8 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#96

1,2,3-Trichlorobenzene

Concen: 48.022 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN082656.D

Acq: 20 Jun 2024 10:00

Tgt Ion:180 Resp: 126960

Ion Ratio Lower Upper

180 100

182 96.1 48.9 146.8

145 32.3 16.8 50.4

