

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061824\
 Data File : VN082620.D
 Acq On : 18 Jun 2024 09:42
 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 06/19/2024
 Supervised By : Mahesh Dadoda 06/19/2024

Quant Time: Jun 19 00:50:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	194164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	317932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	295655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	159778	51.315	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.620%			
35) Dibromofluoromethane	8.171	113	111272	51.591	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.180%			
50) Toluene-d8	10.571	98	433320	53.127	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.260%			
62) 4-Bromofluorobenzene	12.853	95	153390	54.548	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 109.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	125861	46.414	ug/l	99
3) Chloromethane	2.359	50	140111	43.101	ug/l	99
4) Vinyl Chloride	2.512	62	138029	44.617	ug/l	99
5) Bromomethane	2.942	94	81774	41.062	ug/l	96
6) Chloroethane	3.112	64	96479	43.735	ug/l	95
7) Trichlorofluoromethane	3.489	101	179480	44.469	ug/l	98
8) Diethyl Ether	3.965	74	61285	44.586	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	104456	46.205	ug/l	100
10) Methyl Iodide	4.583	142	111293	51.681	ug/l	98
11) Tert butyl alcohol	5.524	59	116191	228.004	ug/l	98
12) 1,1-Dichloroethene	4.342	96	95614	44.228	ug/l	92
13) Acrolein	4.177	56	108530	209.066	ug/l	97
14) Allyl chloride	5.024	41	187809	44.420	ug/l	98
15) Acrylonitrile	5.718	53	317652	236.145	ug/l	100
16) Acetone	4.430	43	308821	218.084	ug/l	99
17) Carbon Disulfide	4.706	76	294415	42.883	ug/l	96
18) Methyl Acetate	5.024	43	156678	45.238	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	355365	48.022	ug/l	99
20) Methylene Chloride	5.277	84	116534	46.809	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	105512	45.923	ug/l	96
22) Diisopropyl ether	6.671	45	430576	48.560	ug/l	96
23) Vinyl Acetate	6.606	43	1739183	247.346	ug/l	99
24) 1,1-Dichloroethane	6.565	63	221081	46.027	ug/l	99
25) 2-Butanone	7.488	43	477229	237.102	ug/l	99
26) 2,2-Dichloropropane	7.488	77	191579	45.977	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	127547	46.073	ug/l	98
28) Bromochloromethane	7.818	49	109406	49.910	ug/l	99
29) Tetrahydrofuran	7.841	42	316873	257.167	ug/l	99
30) Chloroform	7.965	83	222795	47.550	ug/l	99
31) Cyclohexane	8.259	56	197440	43.938	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	199128	46.866	ug/l	100
36) 1,1-Dichloropropene	8.377	75	158166	49.056	ug/l	99
37) Ethyl Acetate	7.565	43	188993	46.017	ug/l	100
38) Carbon Tetrachloride	8.365	117	171548	47.212	ug/l	97
39) Methylcyclohexane	9.606	83	168154	49.557	ug/l	97
40) Benzene	8.606	78	481385	48.320	ug/l	99

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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	102636	48.889	ug/l	99
42) 1,2-Dichloroethane	8.671	62	184448	48.674	ug/l	100
43) Isopropyl Acetate	8.694	43	344990	44.947	ug/l	100
44) Trichloroethene	9.353	130	108775	47.021	ug/l	100
45) 1,2-Dichloropropane	9.624	63	125086	48.779	ug/l	95
46) Dibromomethane	9.712	93	84022	48.336	ug/l	98
47) Bromodichloromethane	9.888	83	176885	47.730	ug/l	98
48) Methyl methacrylate	9.682	41	155542	49.158	ug/l	100
49) 1,4-Dioxane	9.700	88	52296	1056.645	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	1014468	257.688	ug/l	100
52) Toluene	10.635	92	305403	50.584	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	192601	50.837	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	196935	50.268	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	112088	51.293	ug/l	96
56) Ethyl methacrylate	10.877	69	191034	52.782	ug/l	100
57) 1,3-Dichloropropane	11.165	76	201325	49.836	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	505768	264.163	ug/l	98
59) 2-Hexanone	11.200	43	775707	259.247	ug/l	100
60) Dibromochloromethane	11.365	129	137118	51.402	ug/l	99
61) 1,2-Dibromoethane	11.471	107	113095	49.086	ug/l	99
64) Tetrachloroethene	11.106	164	108133	44.358	ug/l	96
65) Chlorobenzene	11.894	112	324252	47.826	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	117818	48.734	ug/l	99
67) Ethyl Benzene	11.965	91	583331	50.495	ug/l	100
68) m/p-Xylenes	12.071	106	451166	104.976	ug/l	99
69) o-Xylene	12.400	106	211224	52.311	ug/l	98
70) Styrene	12.412	104	376837	54.987	ug/l	98
71) Bromoform	12.582	173	96027	50.240	ug/l #	99
73) Isopropylbenzene	12.700	105	546008	47.144	ug/l	100
74) N-amyl acetate	12.494	43	292823	47.374	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	166751	44.139	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	162748m	43.627	ug/l	
77) Bromobenzene	12.982	156	134220	45.023	ug/l	99
78) n-propylbenzene	13.035	91	665427	48.572	ug/l	100
79) 2-Chlorotoluene	13.129	91	401610	46.746	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	463801	49.346	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	76619	49.138	ug/l	97
82) 4-Chlorotoluene	13.223	91	410993	47.888	ug/l	100
83) tert-Butylbenzene	13.441	119	385632	48.168	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	474472	50.323	ug/l	99
85) sec-Butylbenzene	13.618	105	553691	48.696	ug/l	99
86) p-Isopropyltoluene	13.729	119	466809	50.982	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	251259	46.484	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	250335	44.309	ug/l	99
89) n-Butylbenzene	14.059	91	402902	49.607	ug/l	100
90) Hexachloroethane	14.335	117	90206	45.279	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	240359	45.542	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	36669	45.863	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	125496	45.094	ug/l	100
94) Hexachlorobutadiene	15.506	225	54862	39.982	ug/l	99
95) Naphthalene	15.641	128	420309	49.090	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	128635	45.356	ug/l	98

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ClientSampleId :
VSTDCCC050

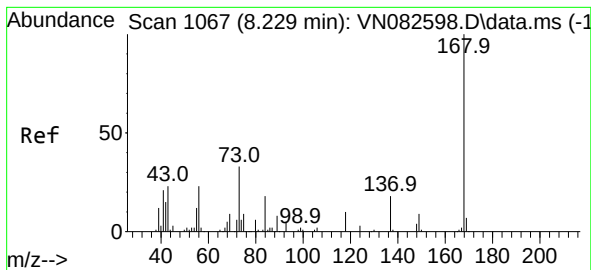
Manual Integrations
APPROVED

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

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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: 8.230 min Scan# 1067

Delta R.T. 0.001 min

Lab File: VN082620.D

Acq: 18 Jun 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 194164

Ion Ratio Lower Upper

168 100

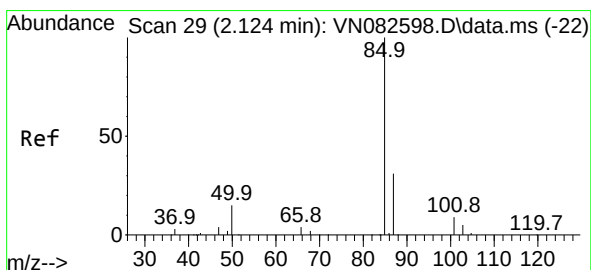
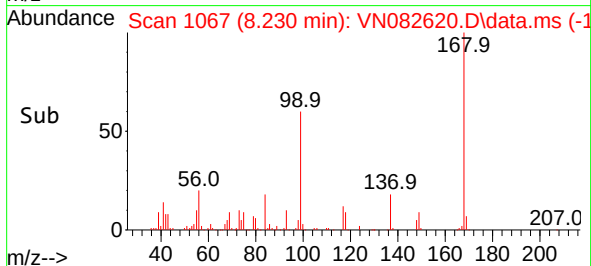
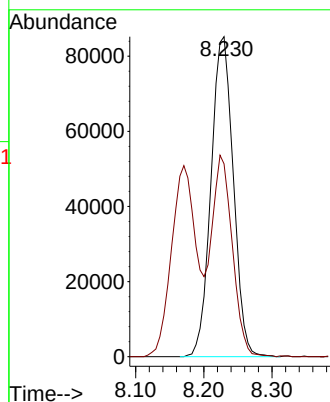
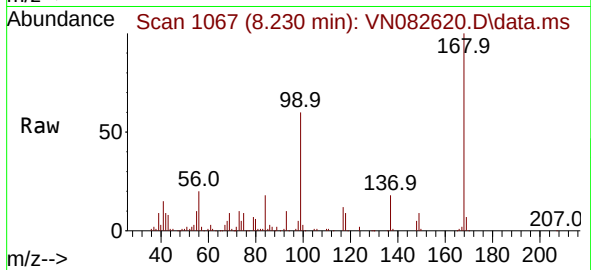
99 60.0 48.2 72.4

Manual Integrations

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Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#2

Dichlorodifluoromethane

Concen: 46.414 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN082620.D

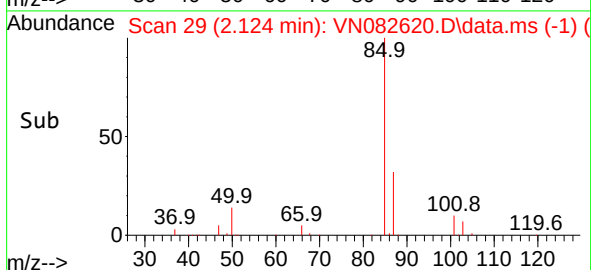
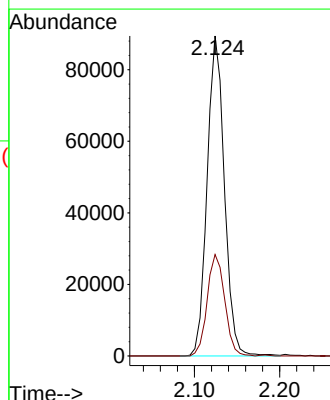
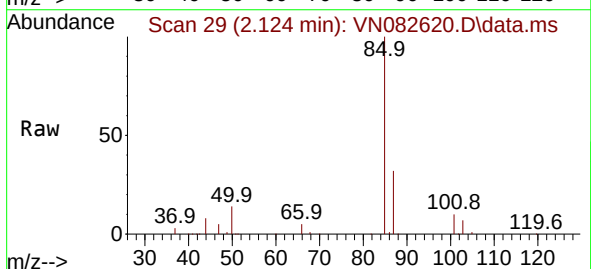
Acq: 18 Jun 2024 09:42

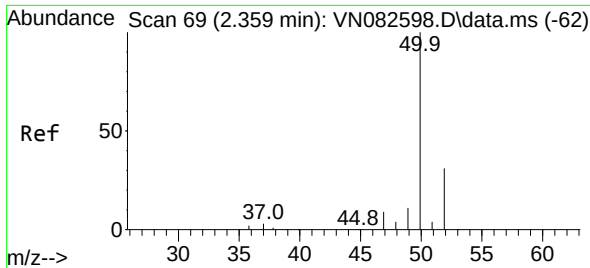
Tgt Ion: 85 Resp: 125861

Ion Ratio Lower Upper

85 100

87 31.7 15.7 47.0





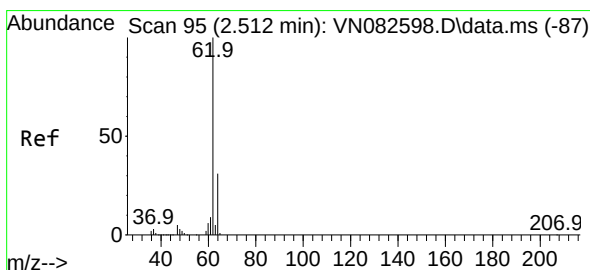
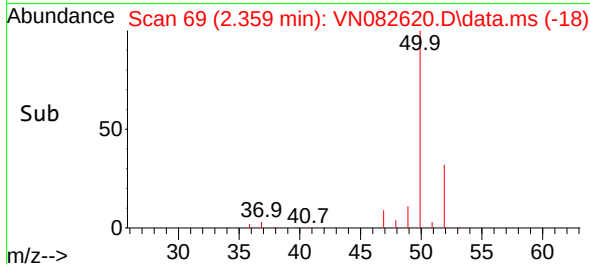
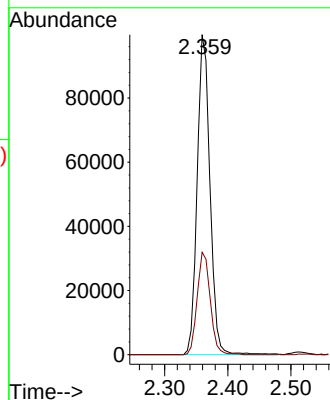
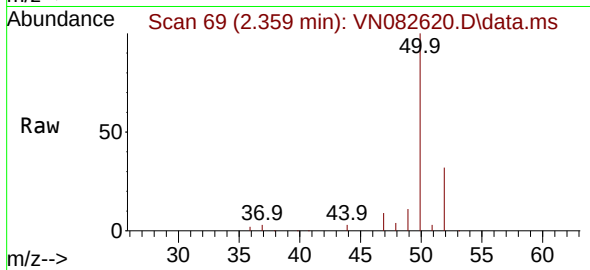
#3
Chloromethane
Concen: 43.101 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 14011
Ion Ratio Lower Upper
50 100
52 32.0 25.0 37.4

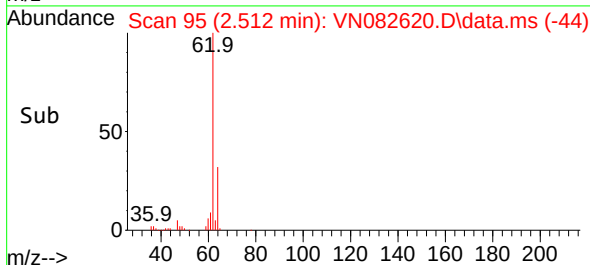
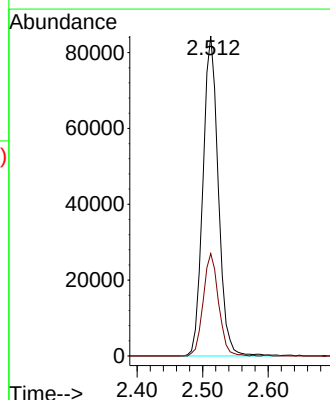
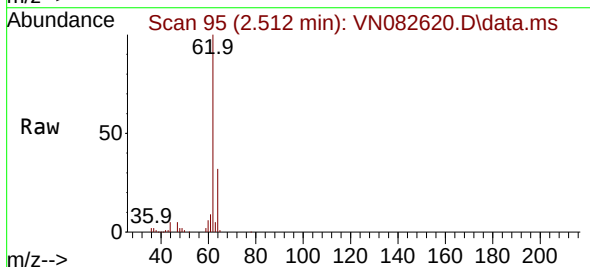
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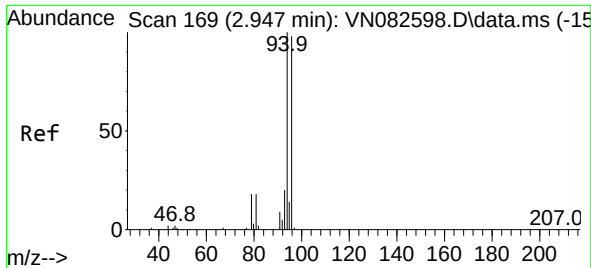
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#4
Vinyl Chloride
Concen: 44.617 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

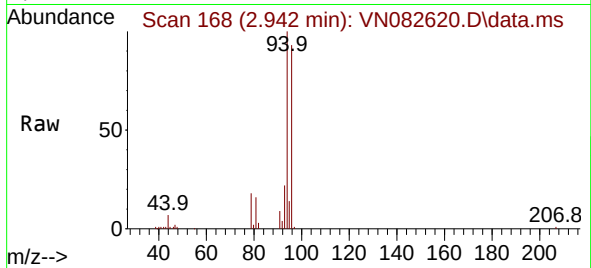
Tgt Ion: 62 Resp: 138029
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.6





#5
Bromomethane
Concen: 41.062 ug/l
RT: 2.942 min Scan# 168
Delta R.T. -0.005 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

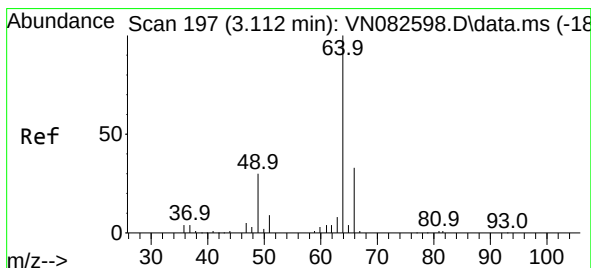
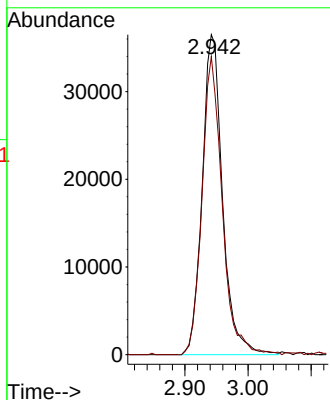
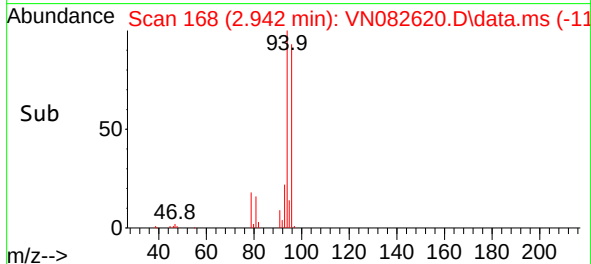
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 81774
Ion Ratio Lower Upper
94 100
96 93.1 78.0 117.0

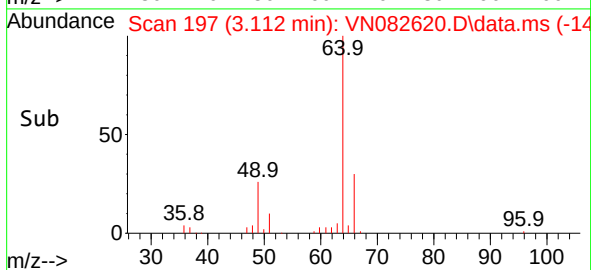
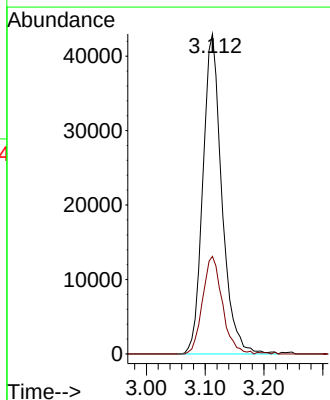
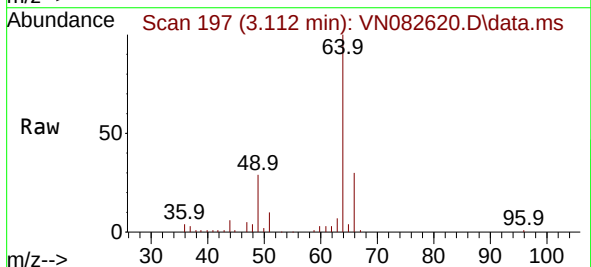
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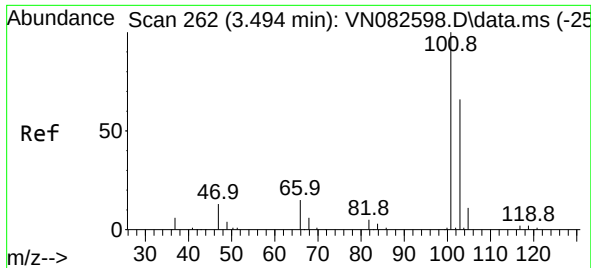
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#6
Chloroethane
Concen: 43.735 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

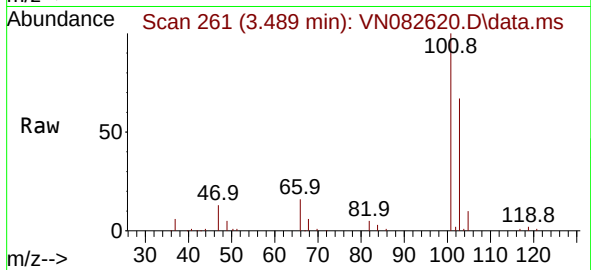
Tgt Ion: 64 Resp: 96479
Ion Ratio Lower Upper
64 100
66 30.5 26.6 40.0





#7
Trichlorofluoromethane
Concen: 44.469 ug/l
RT: 3.489 min Scan# 261
Delta R.T. -0.006 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

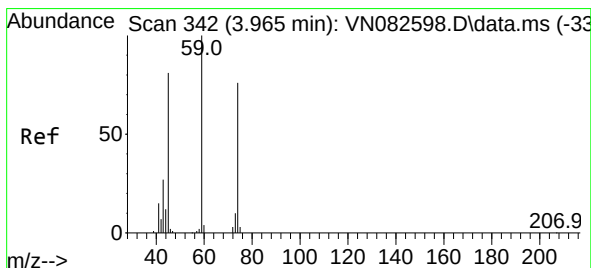
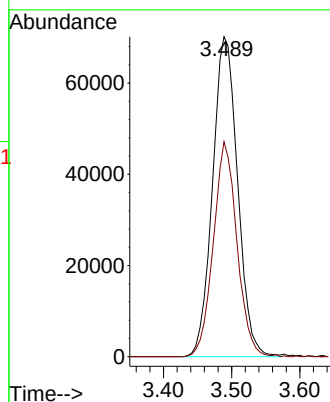
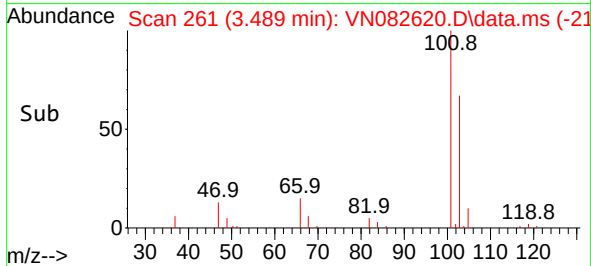
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 179480
Ion Ratio Lower Upper
101 100
103 67.2 52.7 79.1

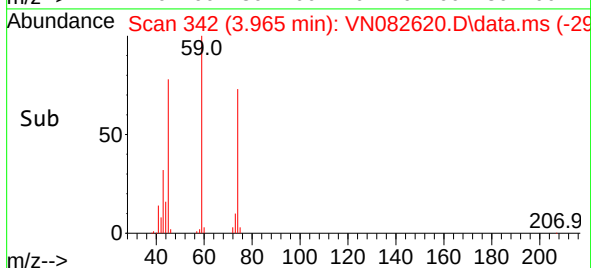
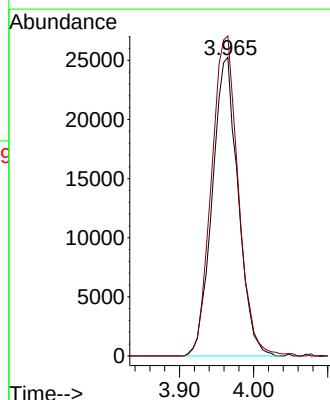
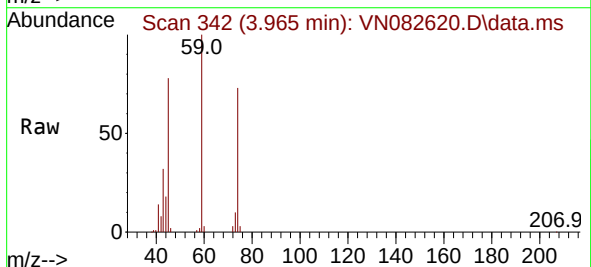
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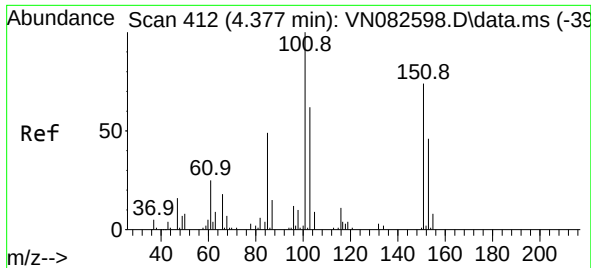
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#8
Diethyl Ether
Concen: 44.586 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

Tgt Ion: 74 Resp: 61285
Ion Ratio Lower Upper
74 100
45 111.3 55.5 166.3





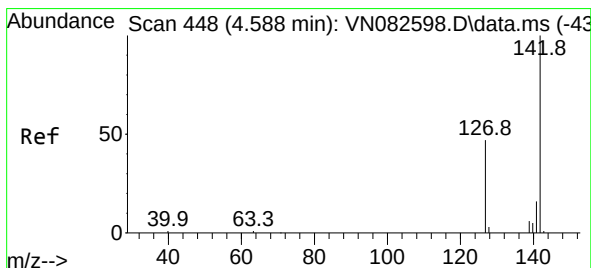
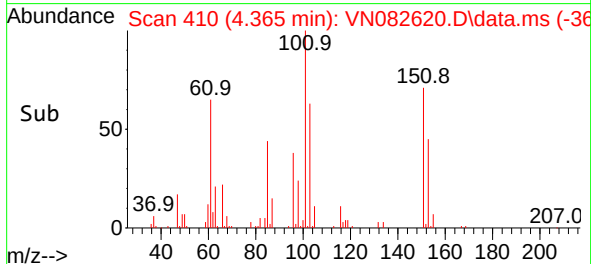
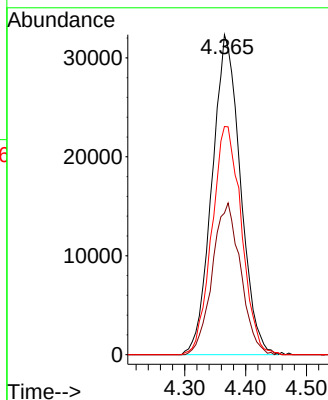
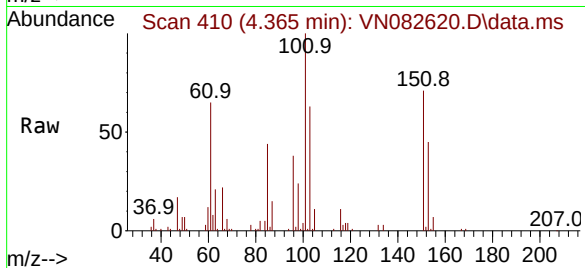
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.205 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 104450
Ion Ratio Lower Upper
101 100
85 47.5 38.3 57.5
151 74.4 59.3 88.9

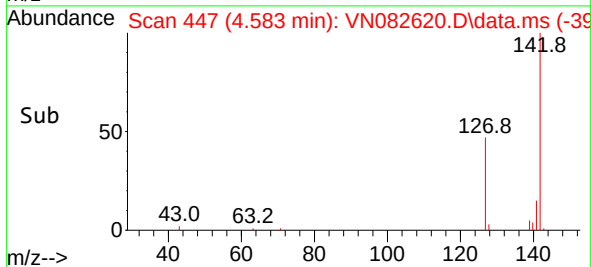
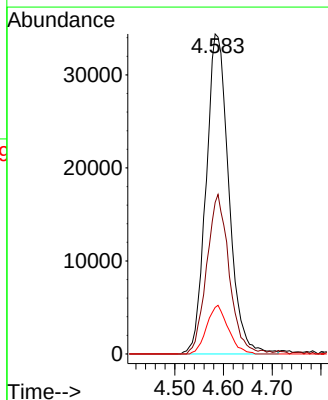
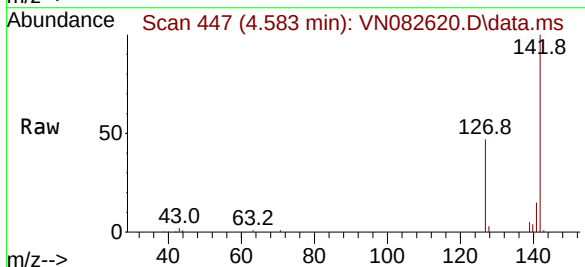
Manual Integrations
APPROVED

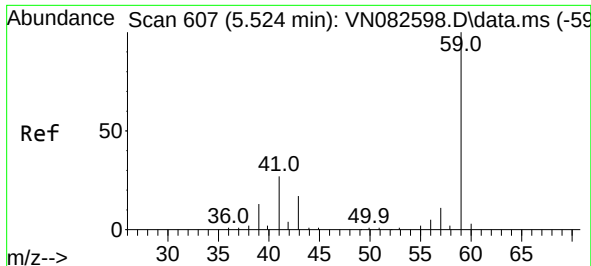
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#10
Methyl Iodide
Concen: 51.681 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

Tgt Ion:142 Resp: 111293
Ion Ratio Lower Upper
142 100
127 47.4 37.5 56.3
141 14.5 13.1 19.7





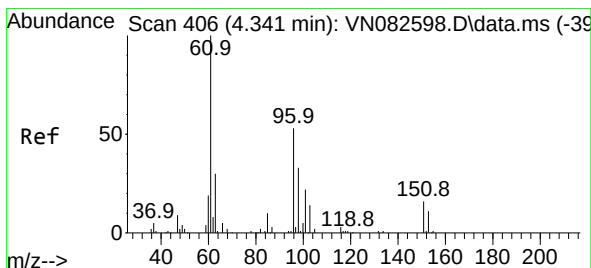
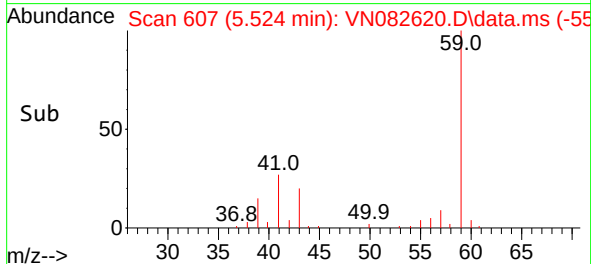
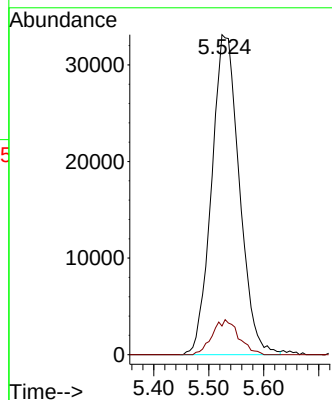
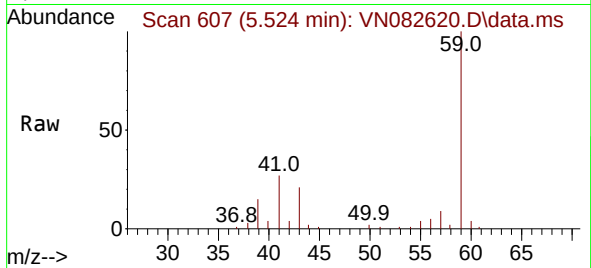
#11
Tert butyl alcohol
Concen: 228.004 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 11619
Ion Ratio Lower Upper
59 100
57 10.4 8.9 13.3

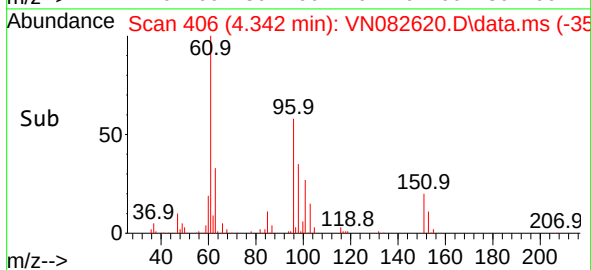
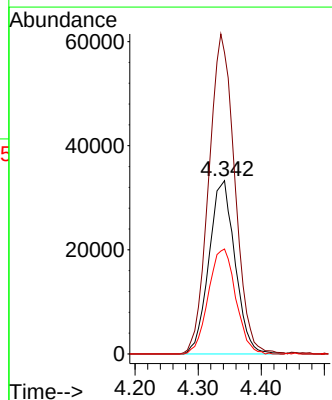
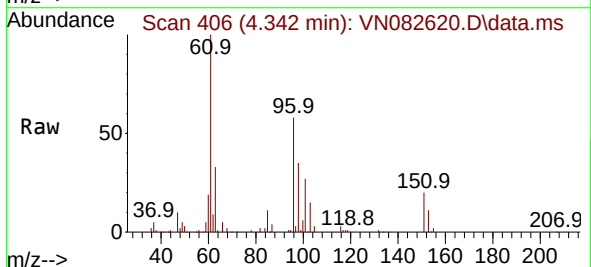
Manual Integrations
APPROVED

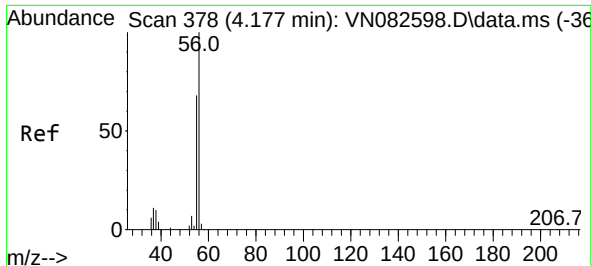
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#12
1,1-Dichloroethene
Concen: 44.228 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

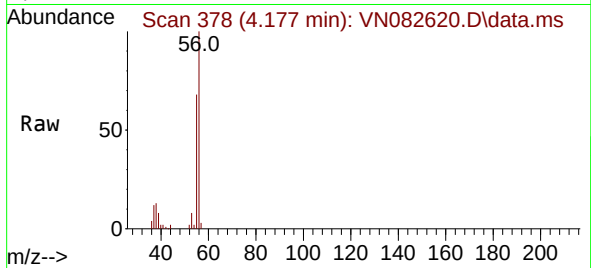
Tgt Ion: 96 Resp: 95614
Ion Ratio Lower Upper
96 100
61 173.8 149.7 224.5
98 60.5 50.1 75.1





#13
Acrolein
Concen: 209.066 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

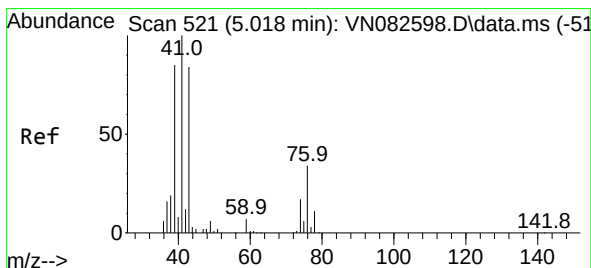
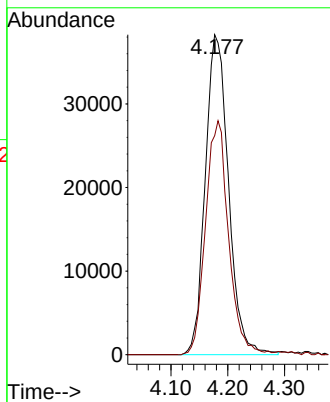
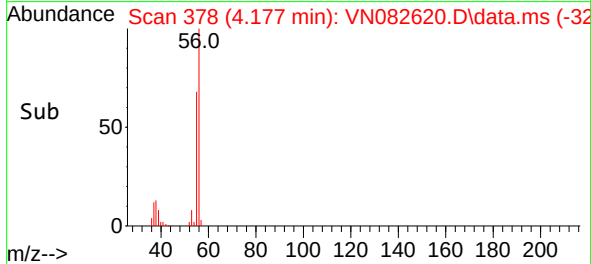
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 108530
Ion Ratio Lower Upper
56 100
55 72.6 56.4 84.6

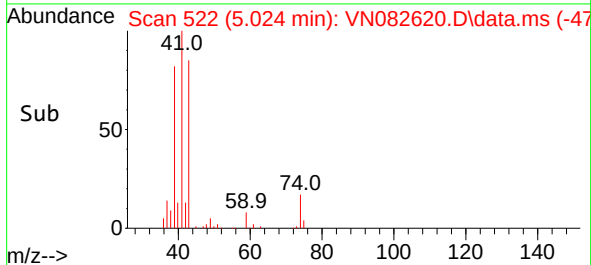
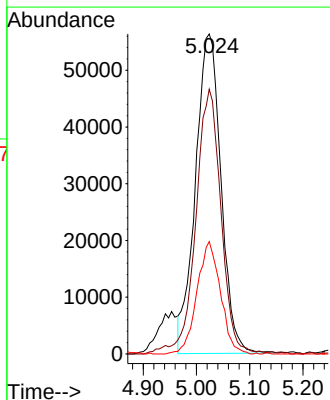
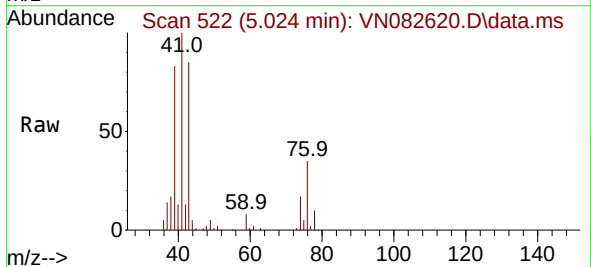
Manual Integrations
APPROVED

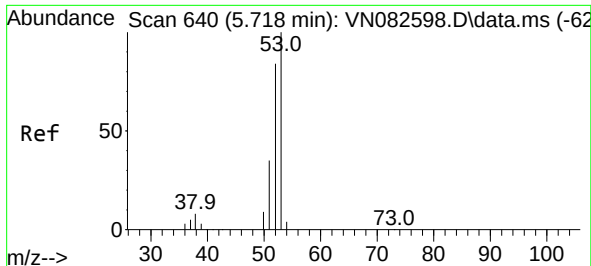
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#14
Allyl chloride
Concen: 44.420 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

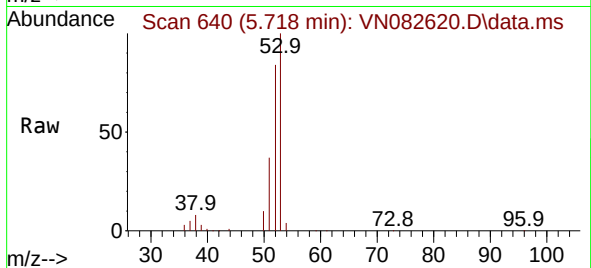
Tgt Ion: 41 Resp: 187809
Ion Ratio Lower Upper
41 100
39 81.7 67.8 101.6
76 32.3 25.8 38.8





#15
Acrylonitrile
Concen: 236.145 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

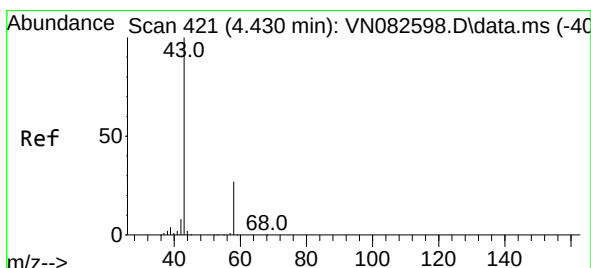
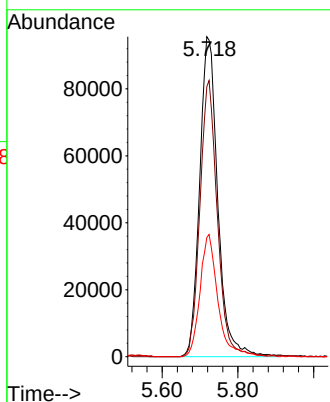
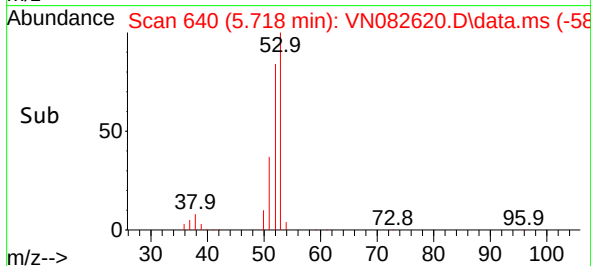
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 317652
Ion Ratio Lower Upper
53 100
52 83.0 66.6 100.0
51 37.7 30.1 45.1

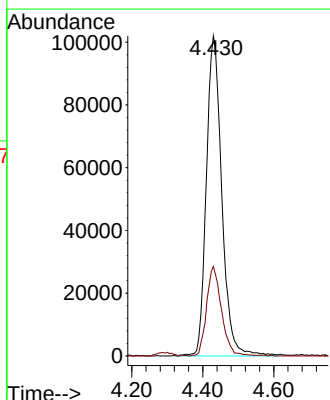
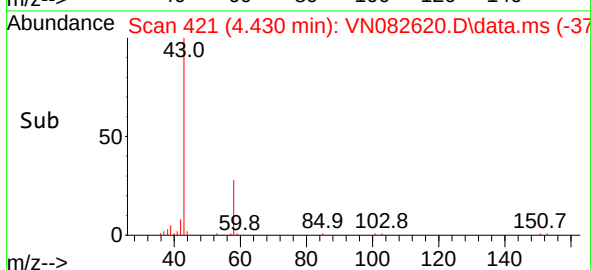
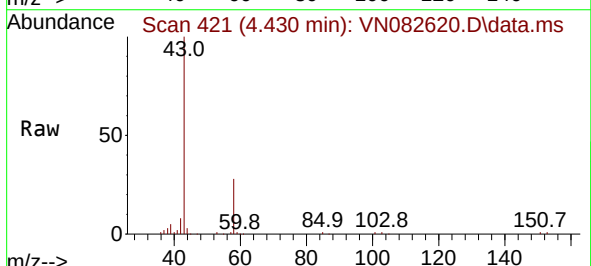
Manual Integrations
APPROVED

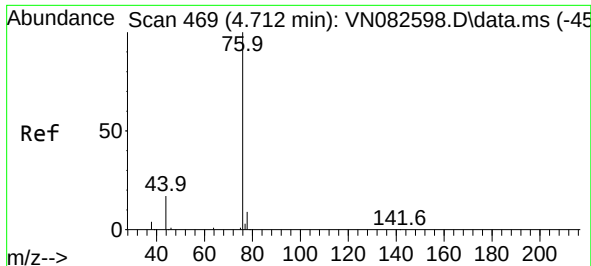
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#16
Acetone
Concen: 218.084 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

Tgt Ion: 43 Resp: 308821
Ion Ratio Lower Upper
43 100
58 27.9 21.8 32.6





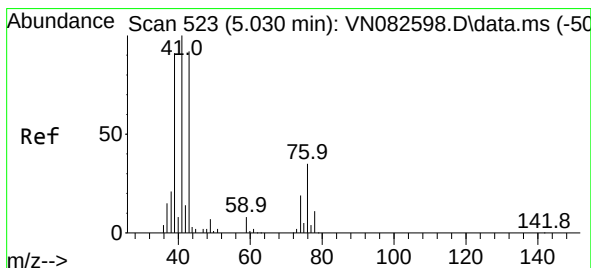
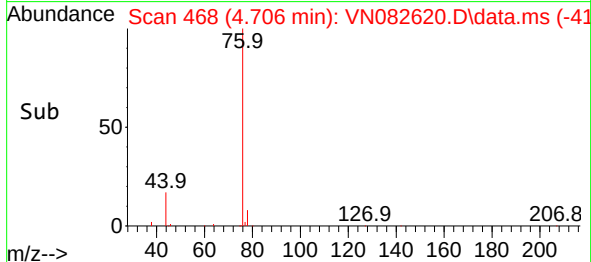
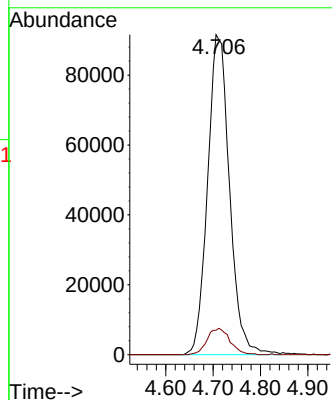
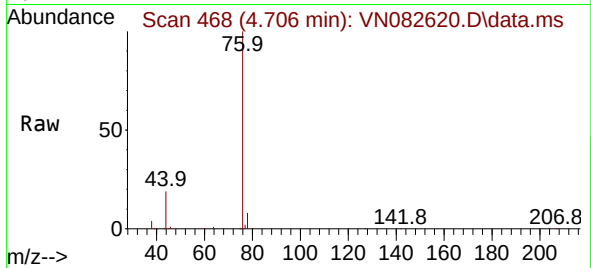
#17
Carbon Disulfide
Concen: 42.883 ug/l
RT: 4.706 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 29441
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8

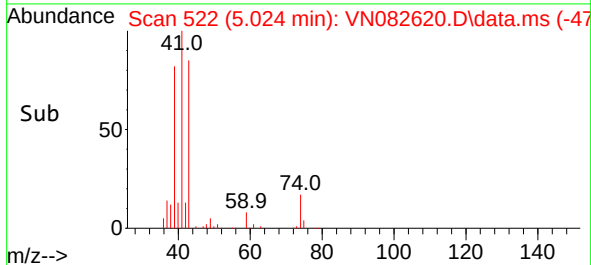
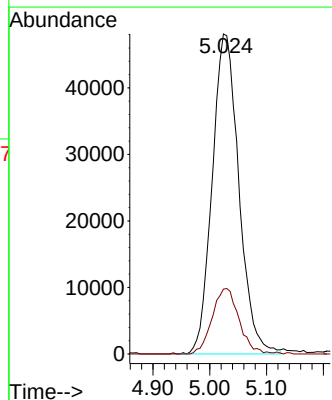
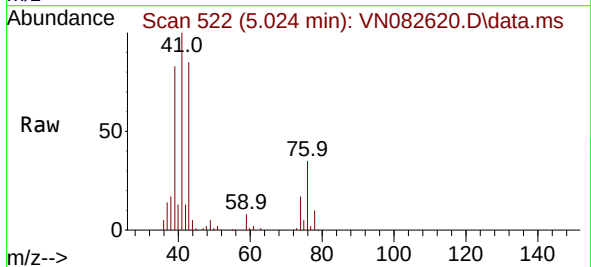
Manual Integrations
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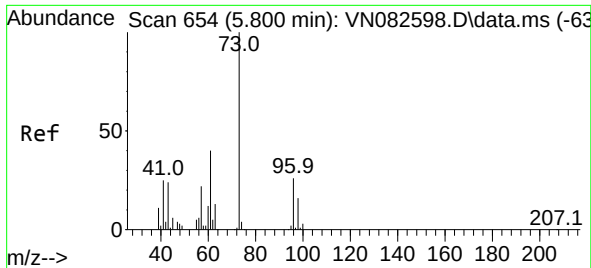
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#18
Methyl Acetate
Concen: 45.238 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

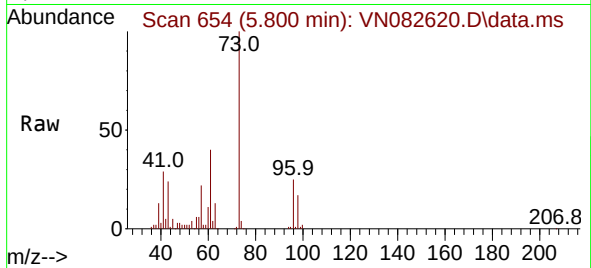
Tgt Ion: 43 Resp: 156678
Ion Ratio Lower Upper
43 100
74 20.7 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 48.022 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

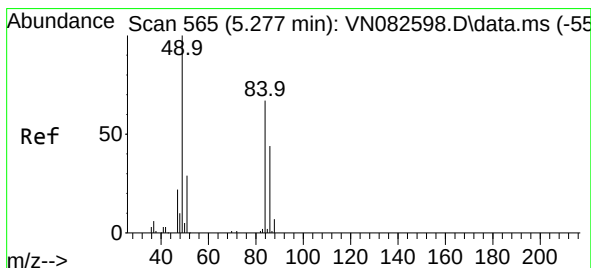
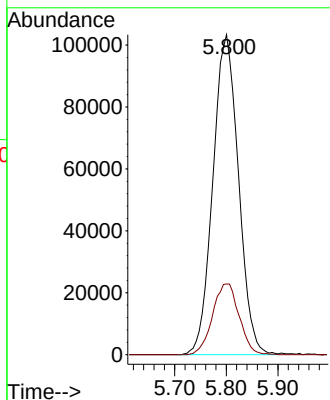
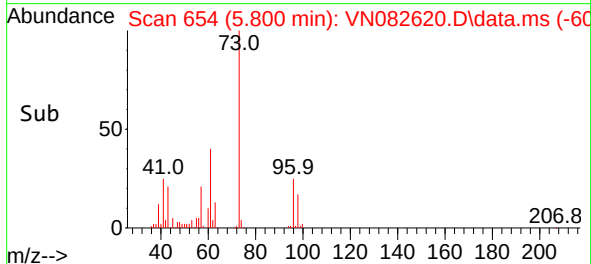
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 35536
Ion Ratio Lower Upper
73 100
57 22.1 17.9 26.9

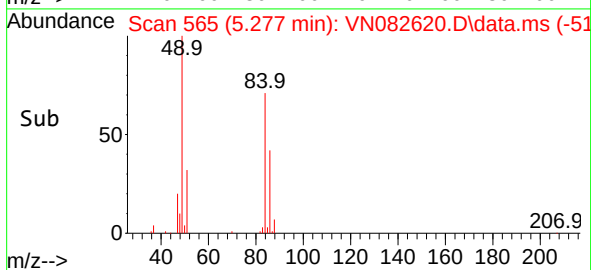
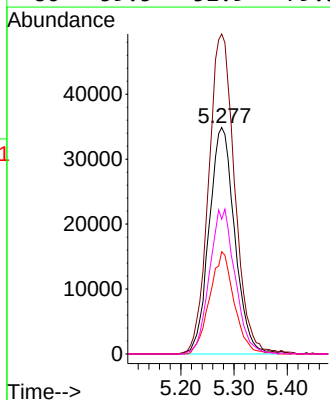
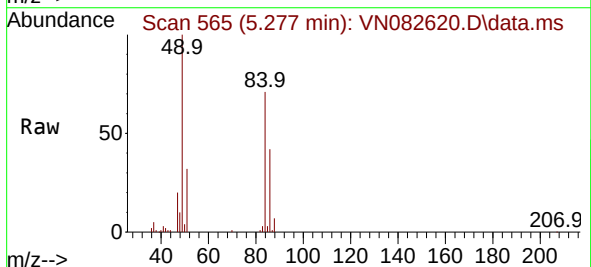
Manual Integrations
APPROVED

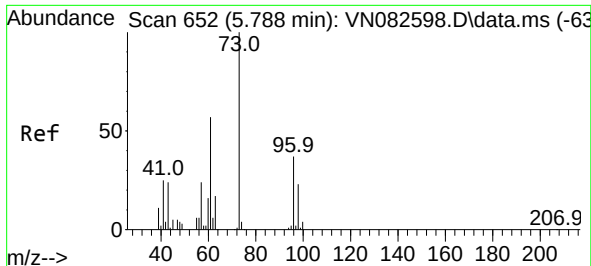
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#20
Methylene Chloride
Concen: 46.809 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

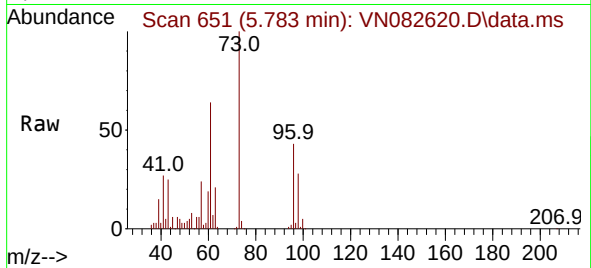
Tgt Ion: 84 Resp: 116534
Ion Ratio Lower Upper
84 100
49 141.3 119.6 179.4
51 45.2 34.8 52.2
86 59.5 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 45.923 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

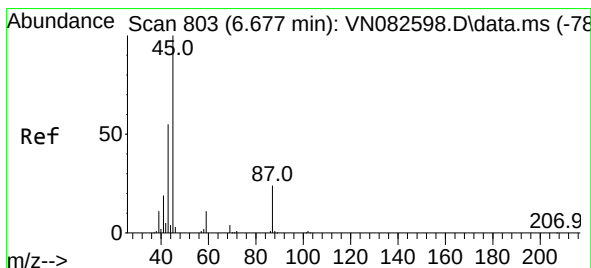
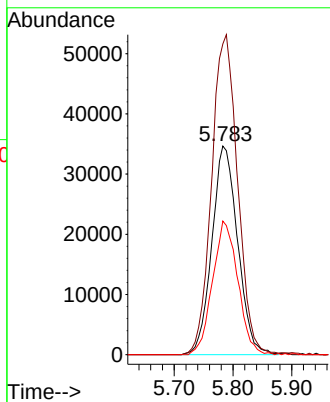
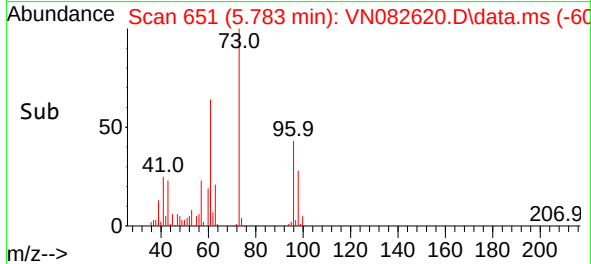
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 10551
Ion Ratio Lower Upper
96 100
61 148.9 123.4 185.2
98 64.0 49.3 73.9

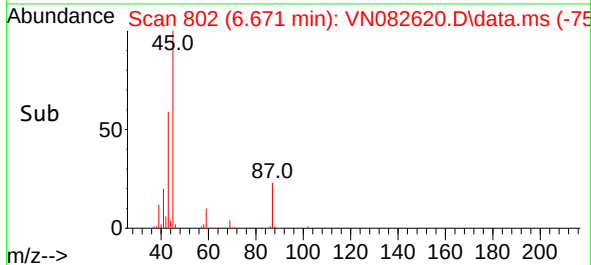
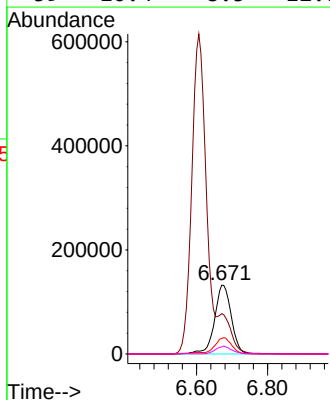
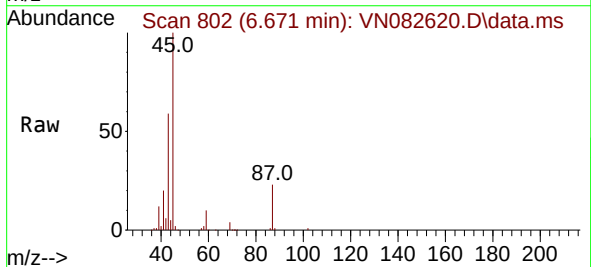
Manual Integrations
APPROVED

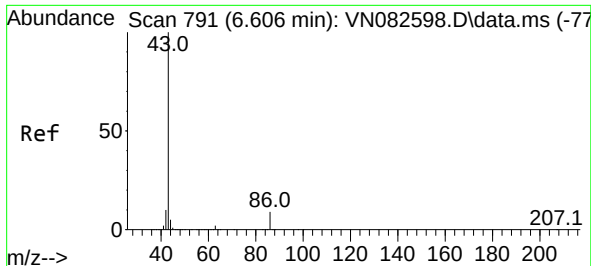
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#22
Diisopropyl ether
Concen: 48.560 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

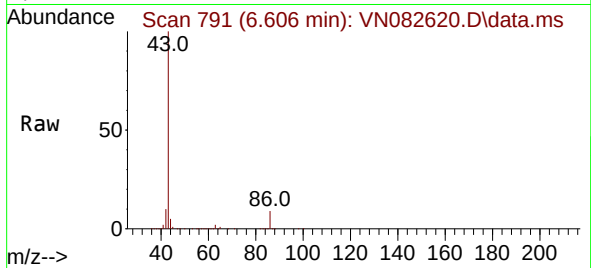
Tgt Ion: 45 Resp: 430576
Ion Ratio Lower Upper
45 100
43 58.2 44.0 66.0
87 22.5 19.7 29.5
59 10.4 8.5 12.7





#23
 Vinyl Acetate
 Concen: 247.346 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082620.D
 Acq: 18 Jun 2024 09:42

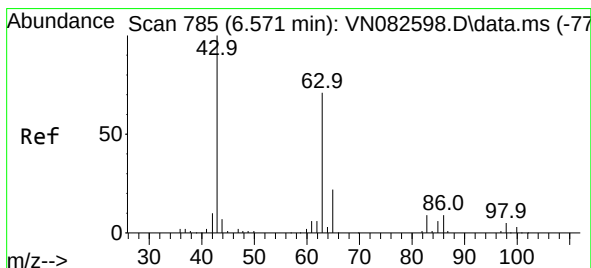
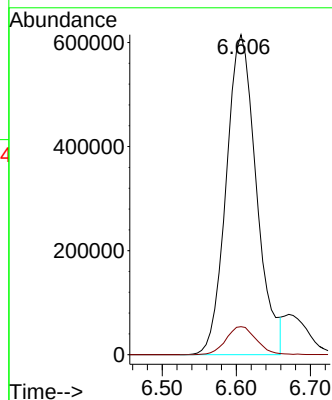
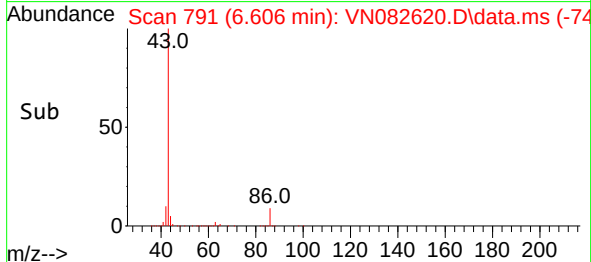
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



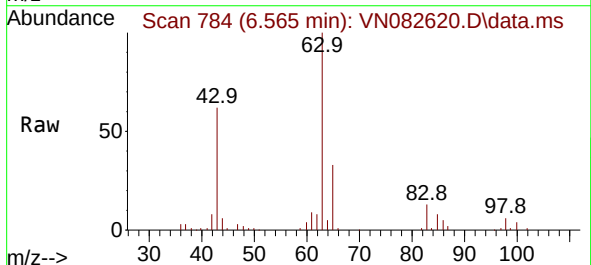
Tgt Ion: 43 Resp: 173918
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.3 10.9

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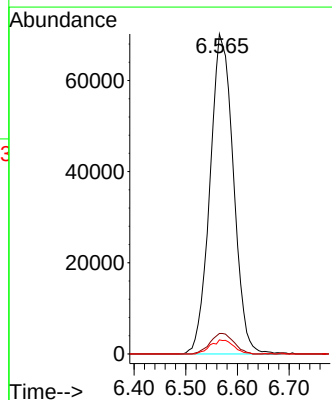
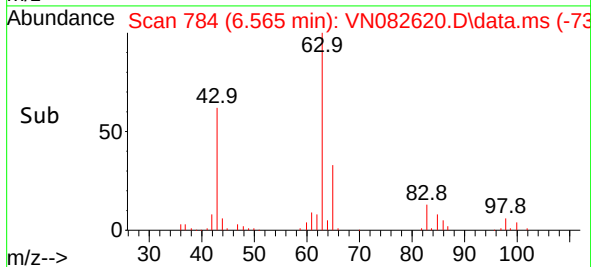
Reviewed By :John Carlone 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024

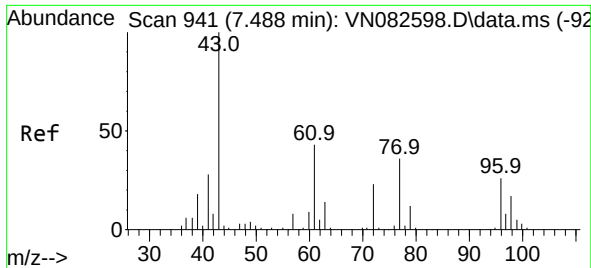


#24
 1,1-Dichloroethane
 Concen: 46.027 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082620.D
 Acq: 18 Jun 2024 09:42



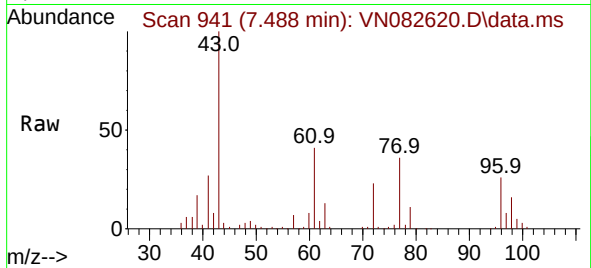
Tgt Ion: 63 Resp: 221081
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.9
 100 4.4 2.0 6.0





#25
2-Butanone
Concen: 237.102 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

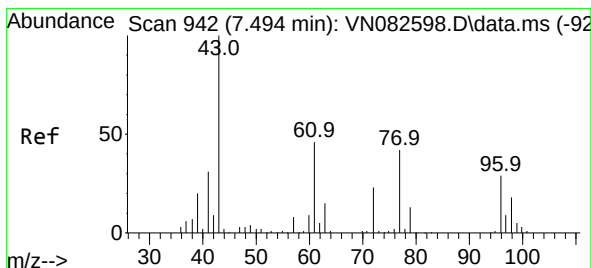
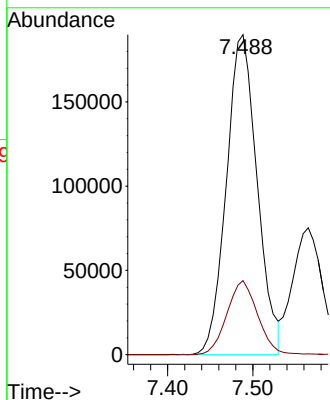
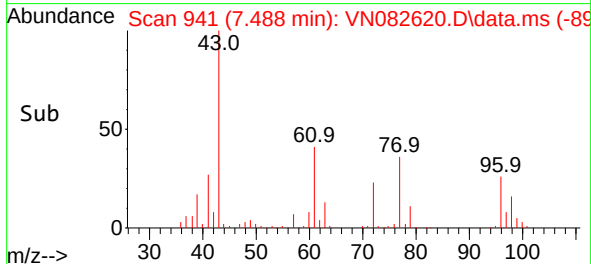
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



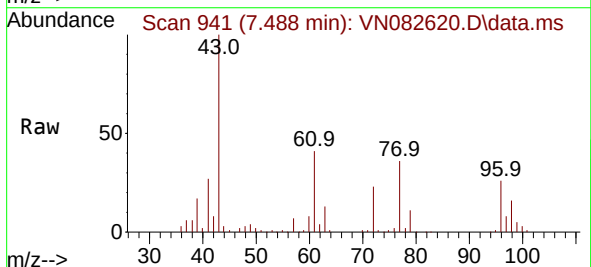
Tgt Ion: 43 Resp: 477229
Ion Ratio Lower Upper
43 100
72 23.2 18.2 27.2

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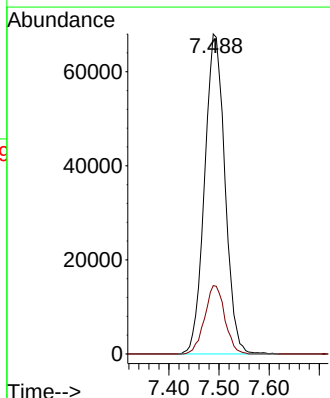
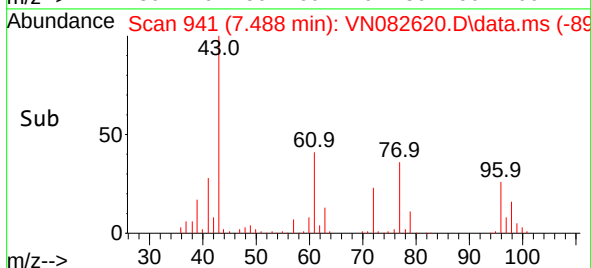
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

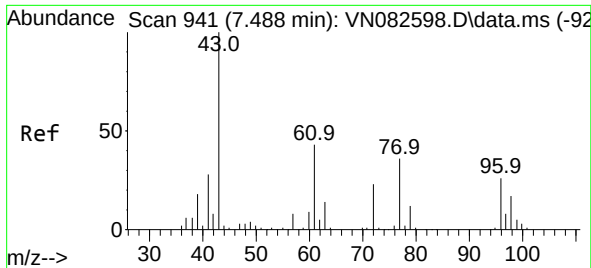


#26
2,2-Dichloropropane
Concen: 45.977 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42



Tgt Ion: 77 Resp: 191579
Ion Ratio Lower Upper
77 100
97 21.2 10.3 30.9





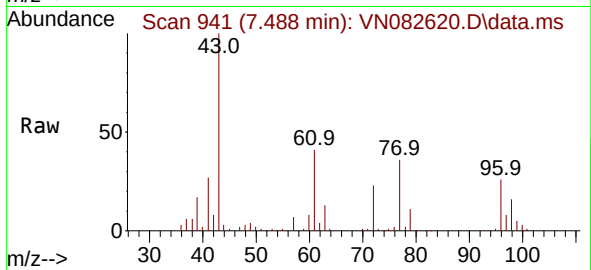
#27
 cis-1,2-Dichloroethene
 Concen: 46.073 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082620.D
 Acq: 18 Jun 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



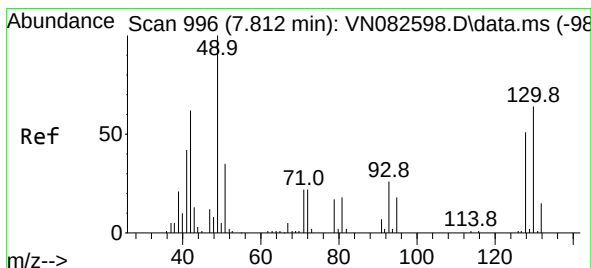
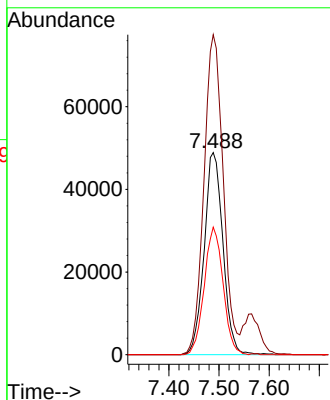
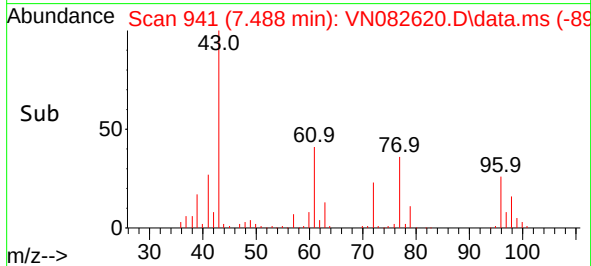
Tgt Ion: 96 Resp: 12754
 Ion Ratio Lower Upper
 96 100
 61 162.3 0.0 329.6
 98 63.1 0.0 128.6

Manual Integrations

APPROVED

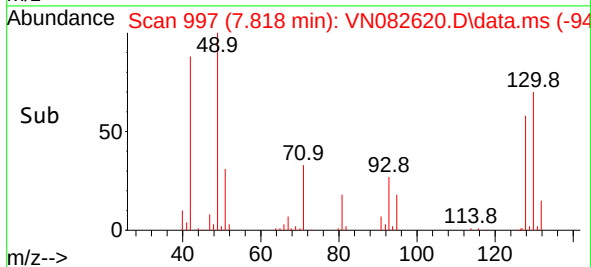
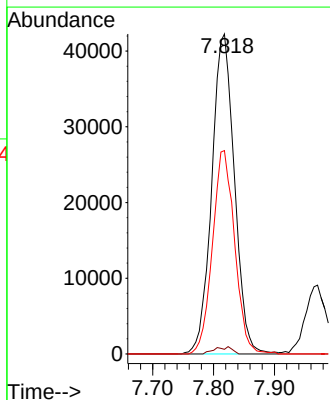
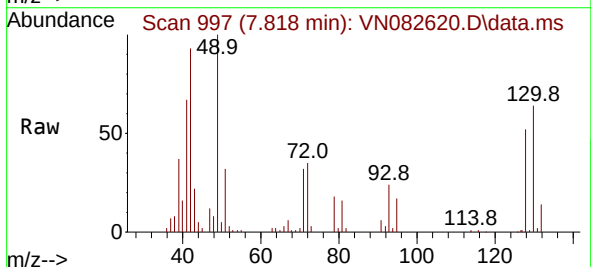
Reviewed By :John Carlone 06/19/2024

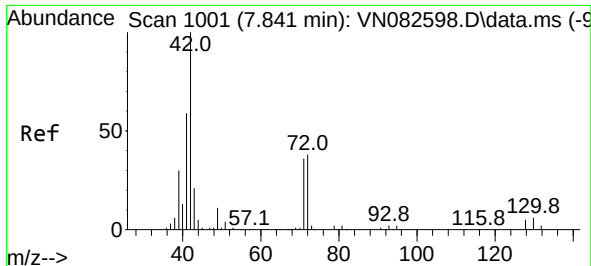
Supervised By :Mahesh Dadoda 06/19/2024



#28
 Bromochloromethane
 Concen: 49.910 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082620.D
 Acq: 18 Jun 2024 09:42

Tgt Ion: 49 Resp: 109406
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.8
 130 62.3 50.5 75.7





#29

Tetrahydrofuran

Concen: 257.167 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082620.D

Acq: 18 Jun 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 31687

Ion Ratio Lower Upper

42 100

72 37.1 30.0 45.0

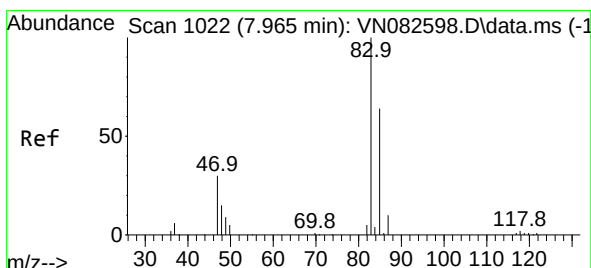
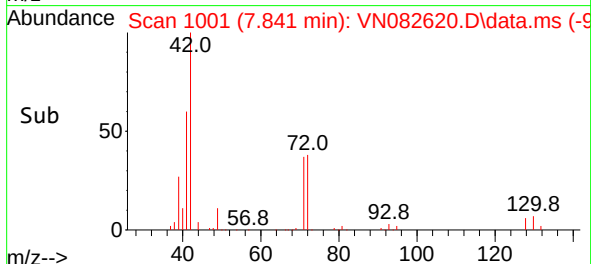
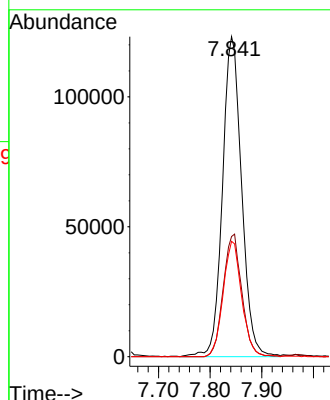
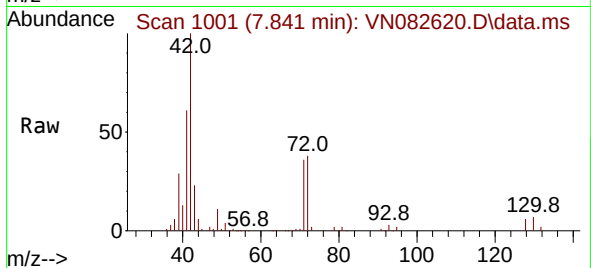
71 35.0 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#30

Chloroform

Concen: 47.550 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN082620.D

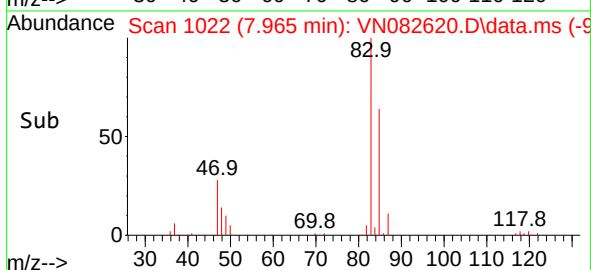
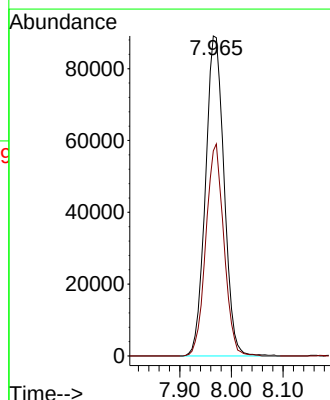
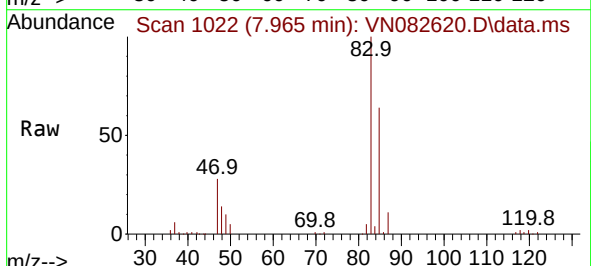
Acq: 18 Jun 2024 09:42

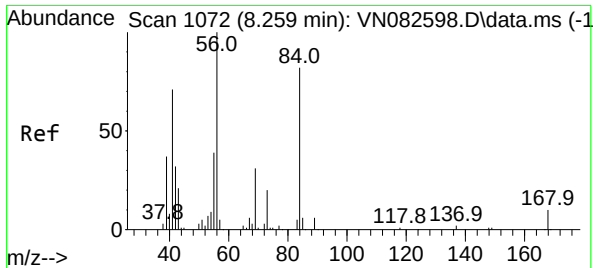
Tgt Ion: 83 Resp: 222795

Ion Ratio Lower Upper

83 100

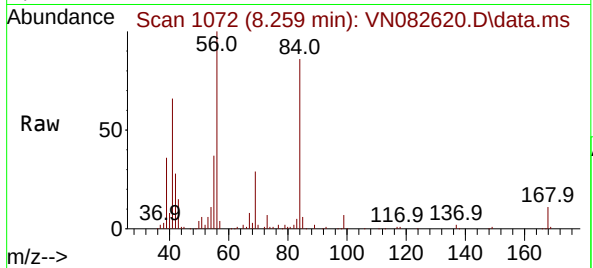
85 64.1 50.9 76.3





#31
Cyclohexane
Concen: 43.938 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

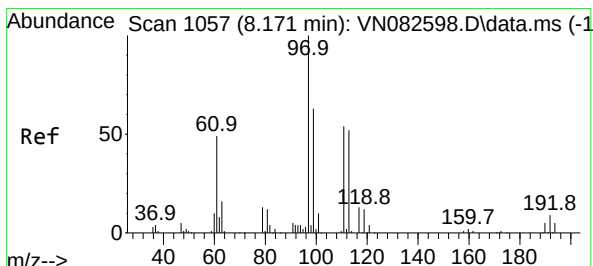
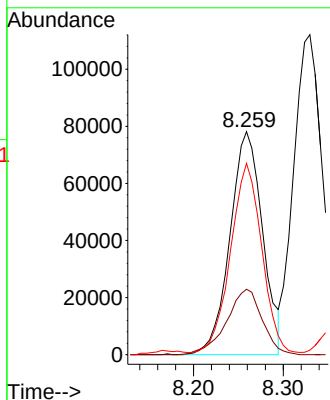
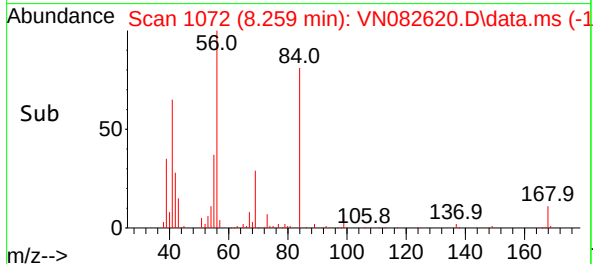
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



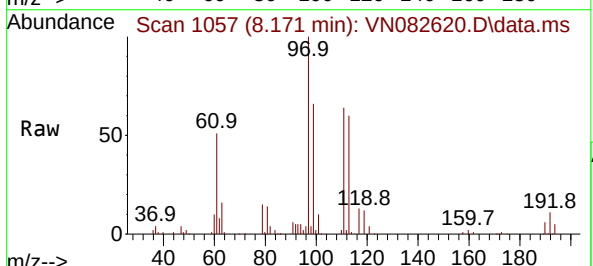
Tgt Ion: 56 Resp: 197440
Ion Ratio Lower Upper
56 100
69 28.8 24.5 36.7
84 84.2 66.0 99.0

Manual Integrations
APPROVED

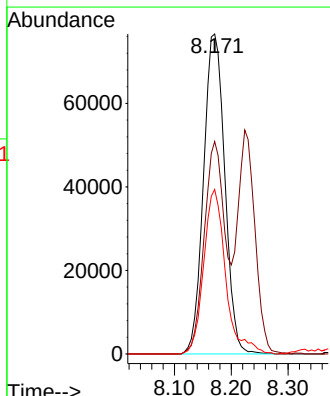
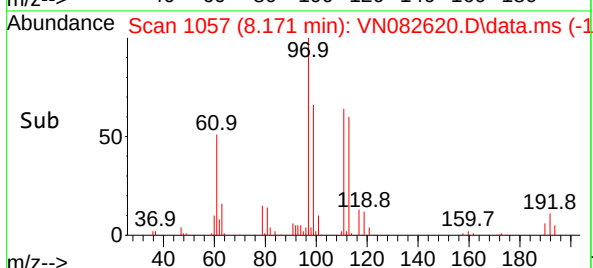
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

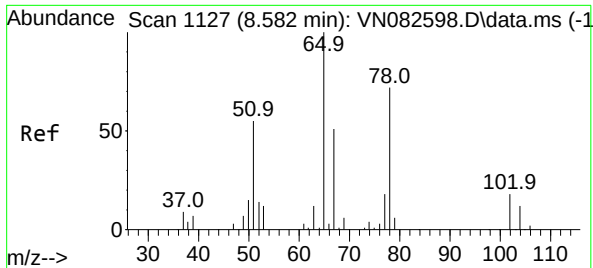


#32
1,1,1-Trichloroethane
Concen: 46.866 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42



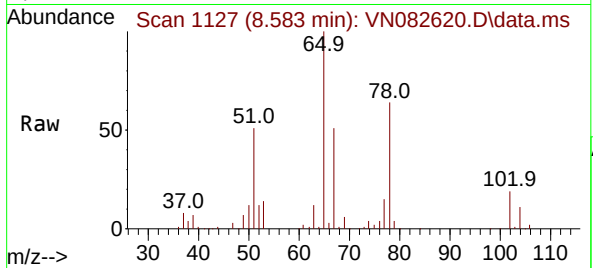
Tgt Ion: 97 Resp: 199128
Ion Ratio Lower Upper
97 100
99 65.2 52.0 78.0
61 53.0 42.1 63.1





#33
1,2-Dichloroethane-d4
Concen: 51.315 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

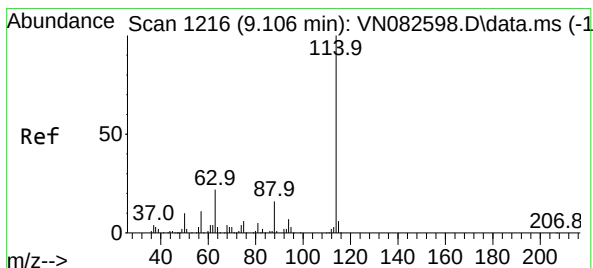
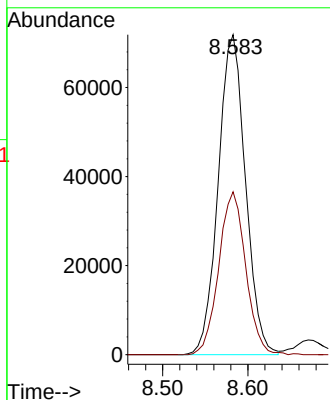
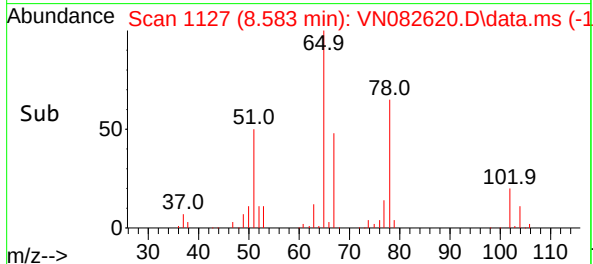
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



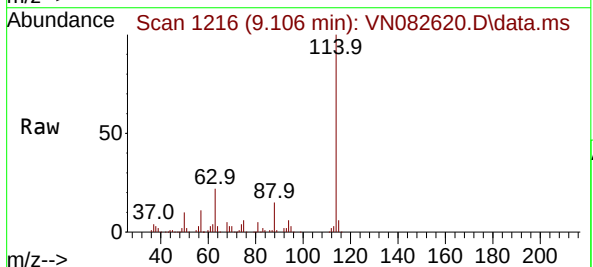
Tgt Ion: 65 Resp: 159778
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4

Manual Integrations
APPROVED

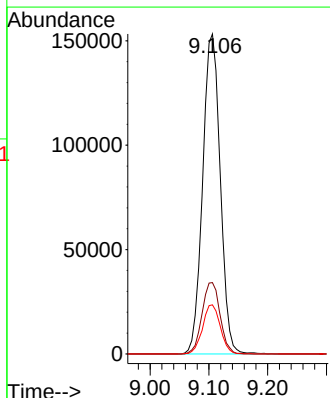
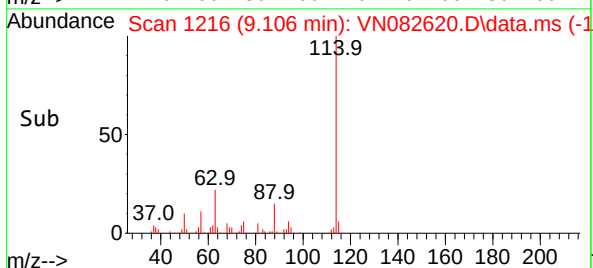
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

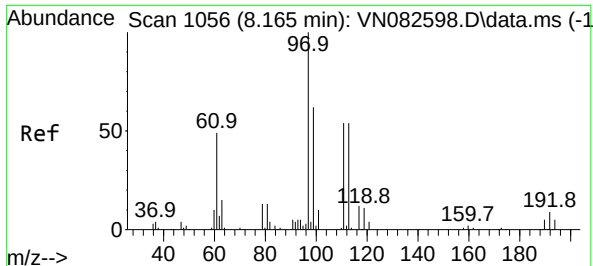


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42



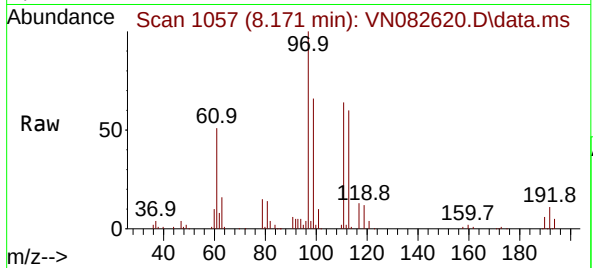
Tgt Ion:114 Resp: 317932
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.6
88 15.3 0.0 31.4





#35
Dibromofluoromethane
Concen: 51.591 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

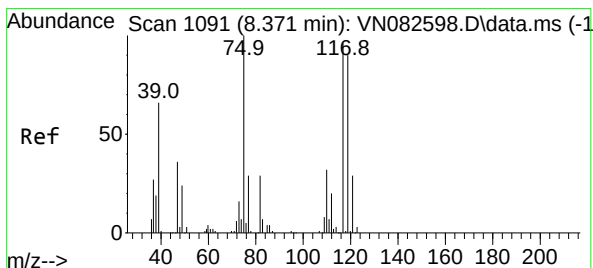
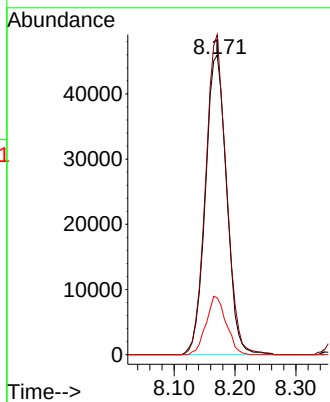
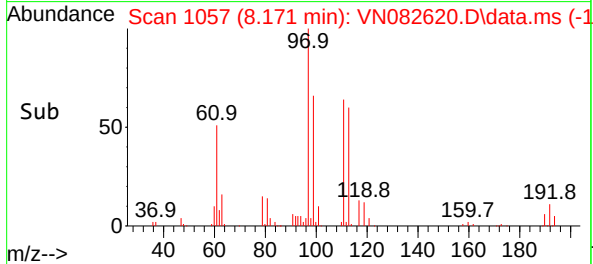
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 111272
Ion Ratio Lower Upper
113 100
111 104.4 82.4 123.6
192 18.4 14.9 22.3

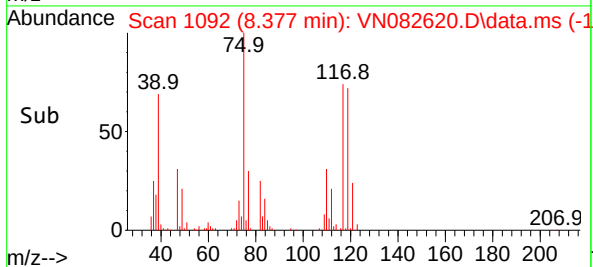
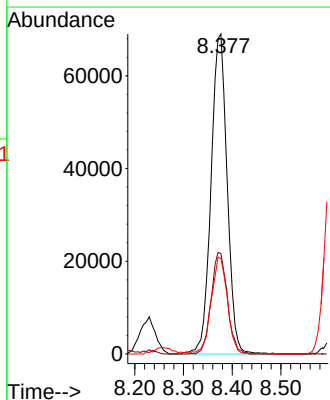
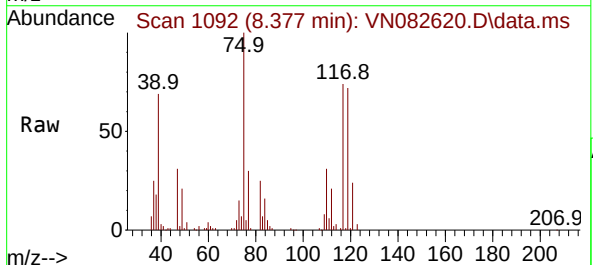
Manual Integrations
APPROVED

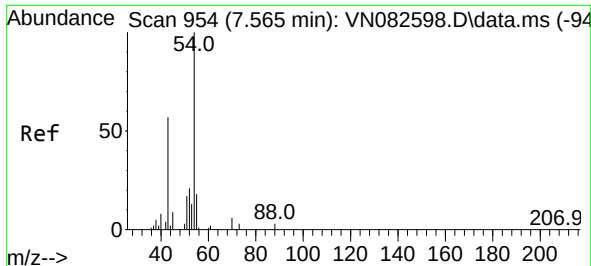
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#36
1,1-Dichloropropene
Concen: 49.056 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

Tgt Ion: 75 Resp: 158166
Ion Ratio Lower Upper
75 100
110 31.8 16.3 48.9
77 30.3 24.6 37.0





#37

Ethyl Acetate

Concen: 46.017 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN082620.D

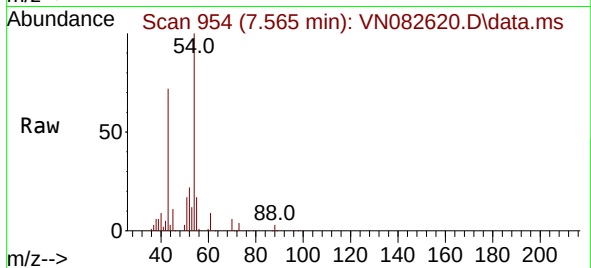
Acq: 18 Jun 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



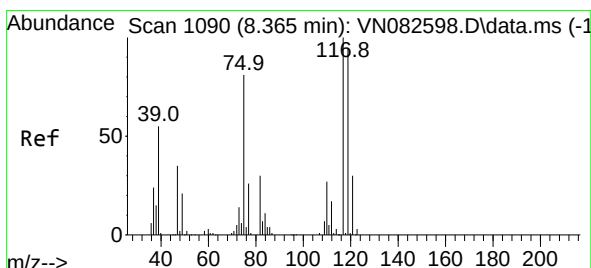
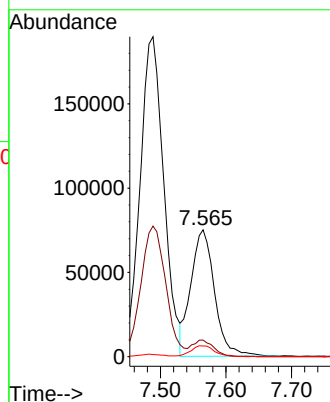
Tgt Ion:	43	Resp:	18899
Ion	Ratio	Lower	Upper
43	100		
61	11.7	9.3	13.9
70	8.6	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#38

Carbon Tetrachloride

Concen: 47.212 ug/l

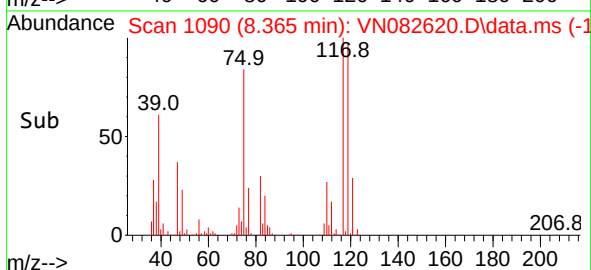
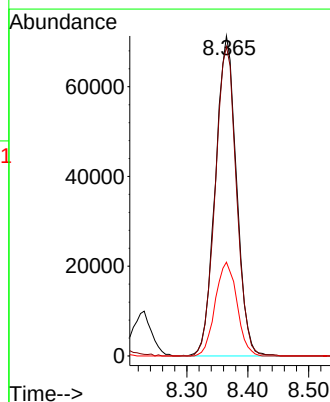
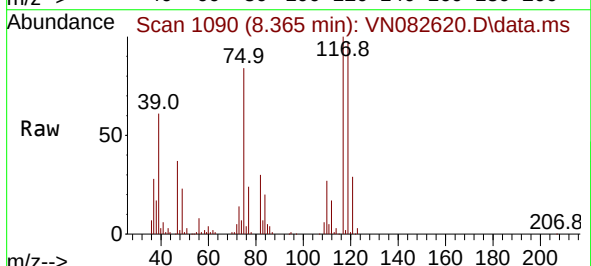
RT: 8.365 min Scan# 1090

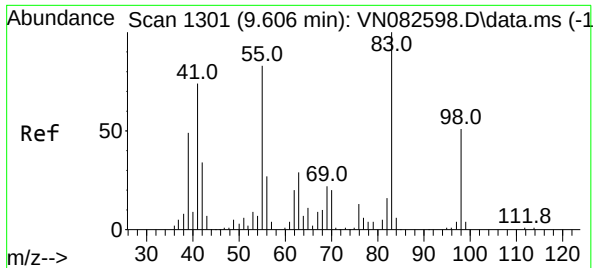
Delta R.T. 0.000 min

Lab File: VN082620.D

Acq: 18 Jun 2024 09:42

Tgt Ion:	117	Resp:	171548
Ion	Ratio	Lower	Upper
117	100		
119	96.7	74.9	112.3
121	29.3	24.3	36.5





#39
Methylcyclohexane
Concen: 49.557 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

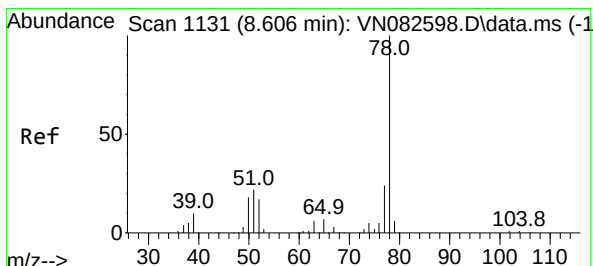
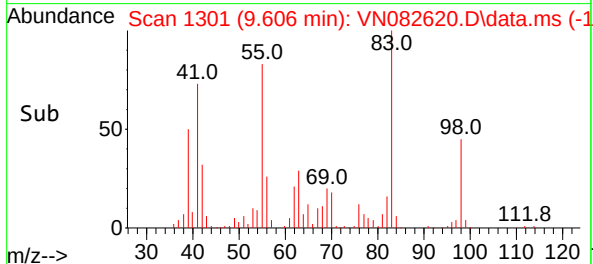
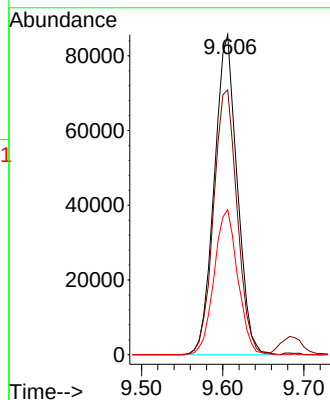
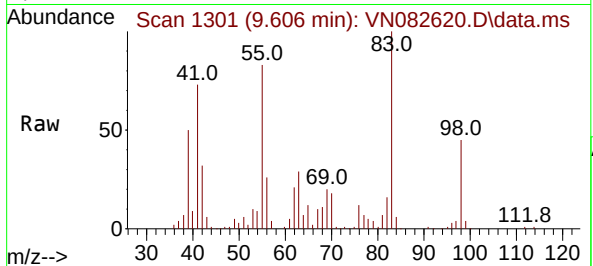
Tgt Ion: 83 Resp: 168154
Ion Ratio Lower Upper
83 100
55 82.7 66.4 99.6
98 45.3 40.7 61.1

Manual Integrations

APPROVED

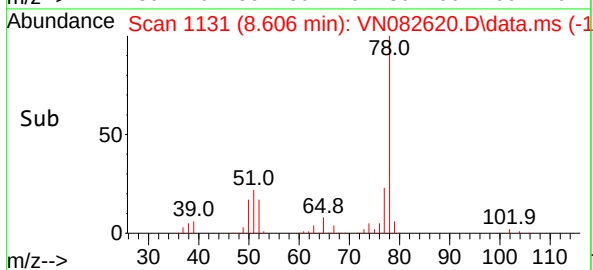
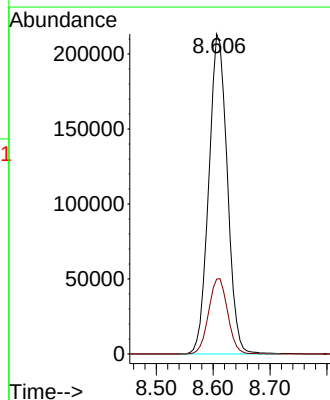
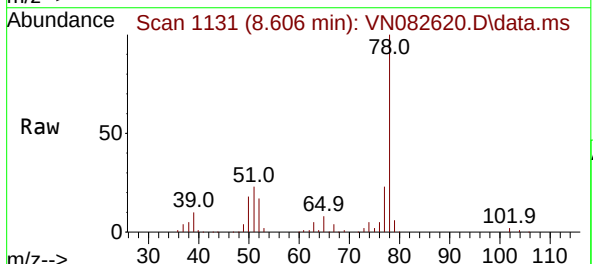
Reviewed By :John Carlone 06/19/2024

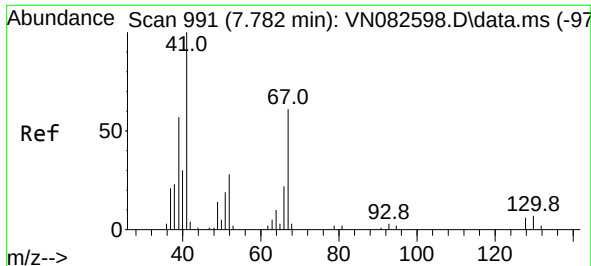
Supervised By :Mahesh Dadoda 06/19/2024



#40
Benzene
Concen: 48.320 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

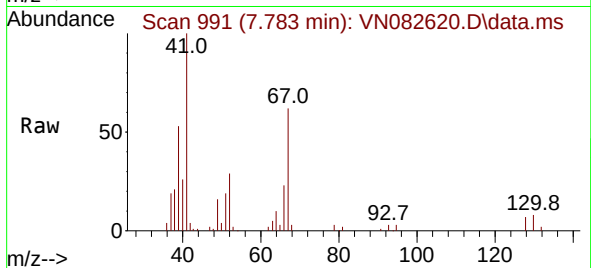
Tgt Ion: 78 Resp: 481385
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





#41
Methacrylonitrile
Concen: 48.889 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

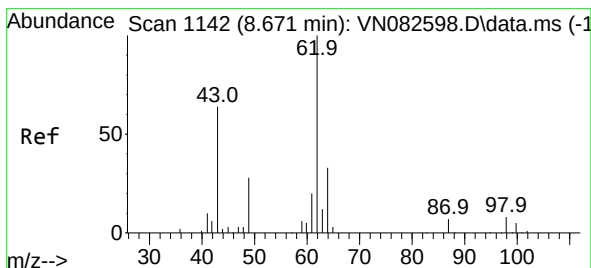
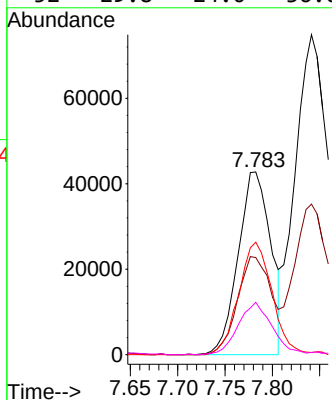
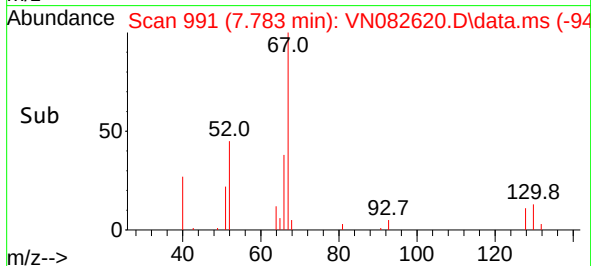
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



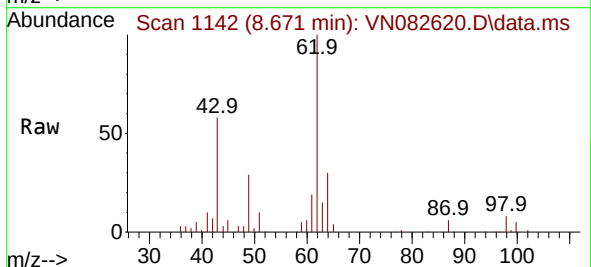
Tgt Ion: 41 Resp: 102630
Ion Ratio Lower Upper
41 100
39 55.4 45.5 68.3
67 63.3 50.5 75.7
52 29.8 24.0 36.0

Manual Integrations
APPROVED

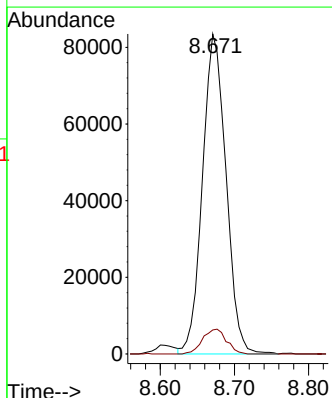
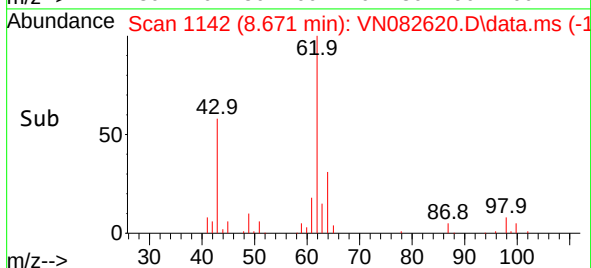
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

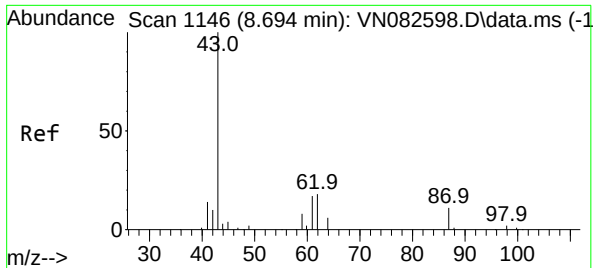


#42
1,2-Dichloroethane
Concen: 48.674 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42



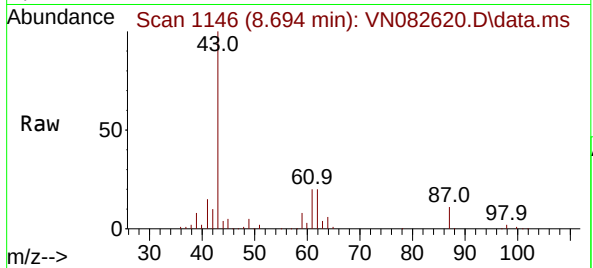
Tgt Ion: 62 Resp: 184448
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.8





#43
Isopropyl Acetate
Concen: 44.947 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

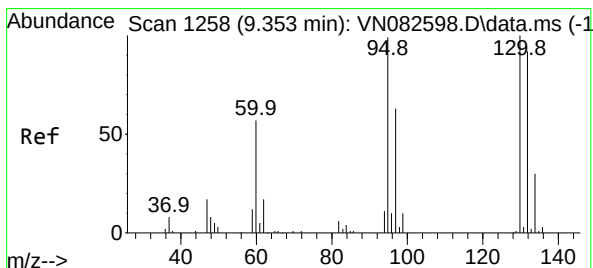
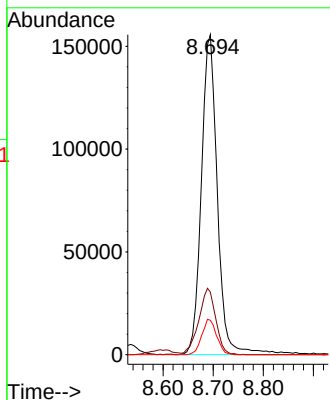
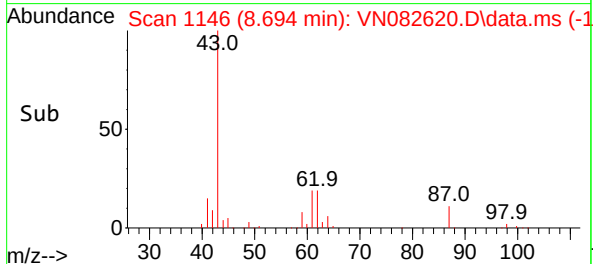
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



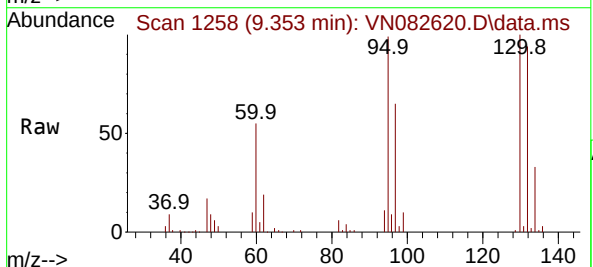
Tgt Ion: 43 Resp: 344990
Ion Ratio Lower Upper
43 100
61 22.0 17.8 26.6
87 10.2 8.2 12.2

Manual Integrations
APPROVED

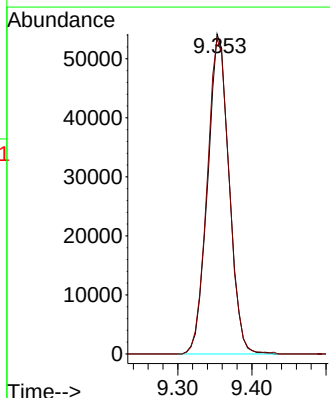
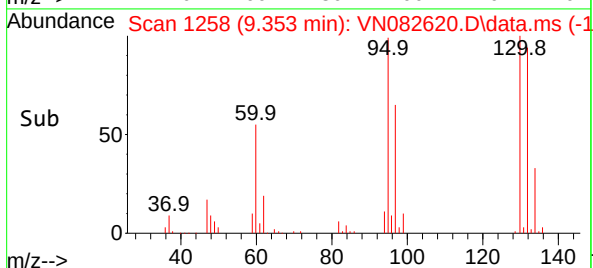
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

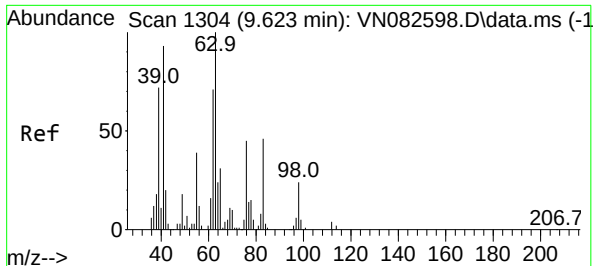


#44
Trichloroethene
Concen: 47.021 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42



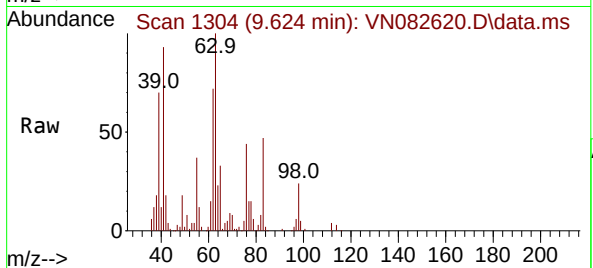
Tgt Ion:130 Resp: 108775
Ion Ratio Lower Upper
130 100
95 98.5 0.0 197.8





#45
1,2-Dichloropropane
Concen: 48.779 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

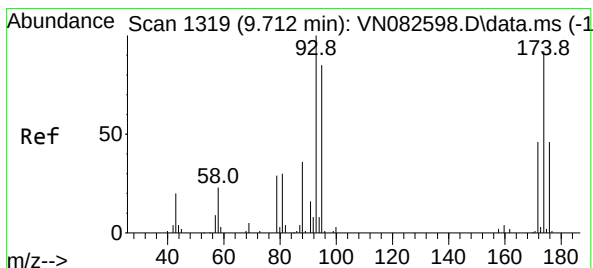
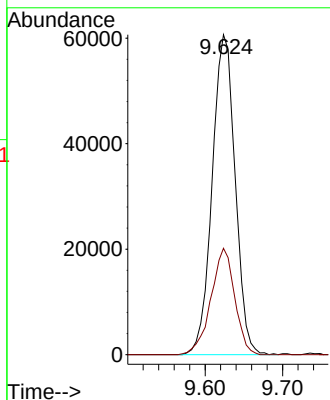
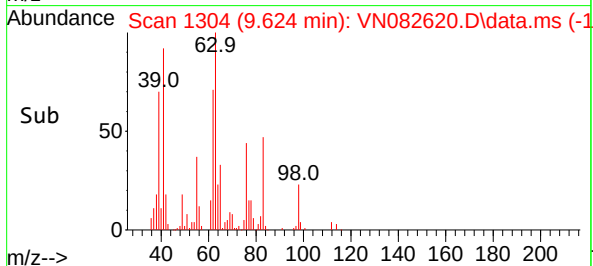
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



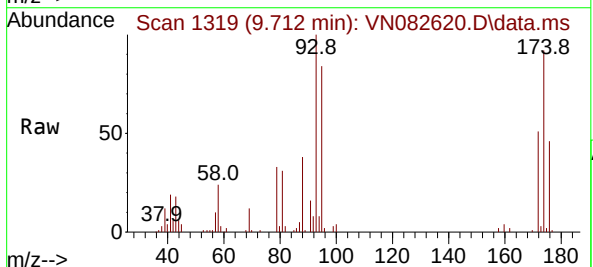
Tgt Ion: 63 Resp: 12508
Ion Ratio Lower Upper
63 100
65 33.3 24.4 36.6

Manual Integrations
APPROVED

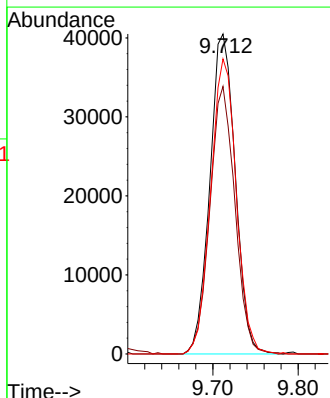
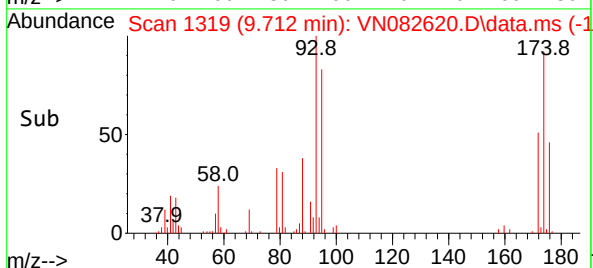
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

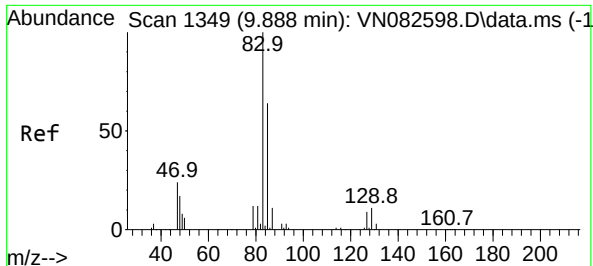


#46
Dibromomethane
Concen: 48.336 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42



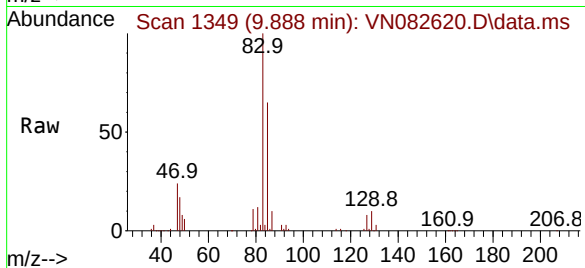
Tgt Ion: 93 Resp: 84022
Ion Ratio Lower Upper
93 100
95 82.3 65.8 98.6
174 93.0 71.7 107.5





#47
Bromodichloromethane
Concen: 47.730 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

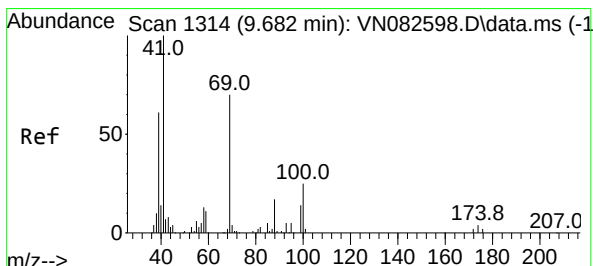
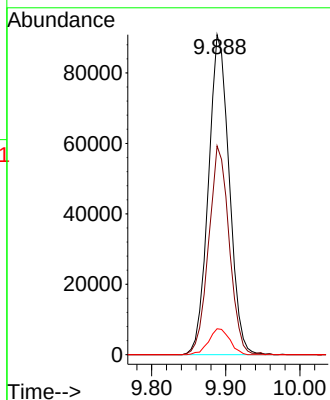
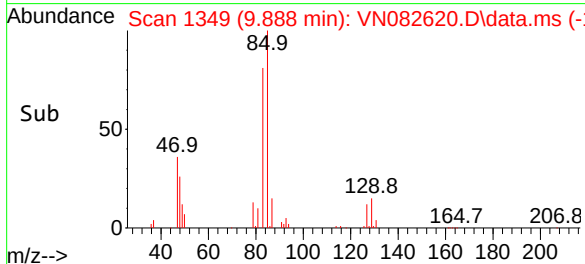
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



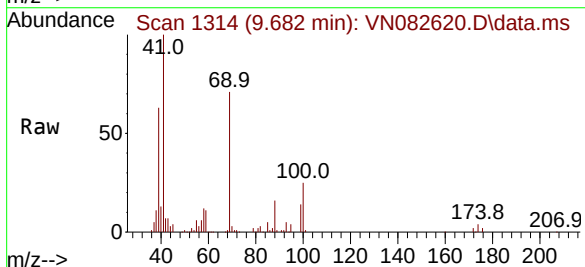
Tgt Ion: 83 Resp: 17688
Ion Ratio Lower Upper
83 100
85 65.3 51.1 76.7
127 8.1 7.2 10.8

Manual Integrations
APPROVED

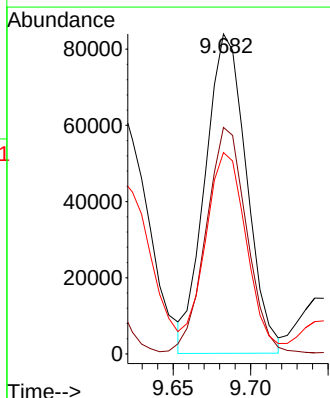
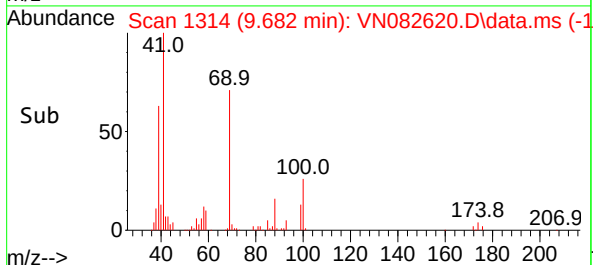
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

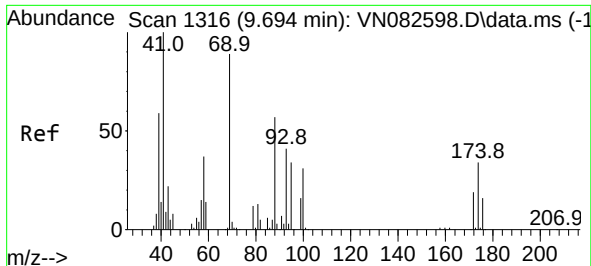


#48
Methyl methacrylate
Concen: 49.158 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42



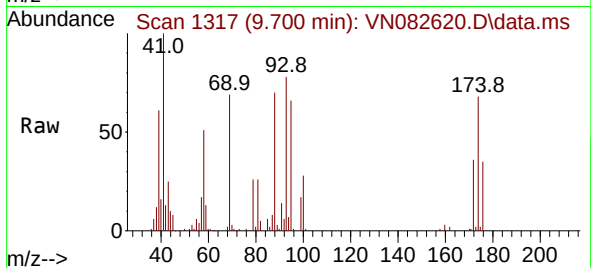
Tgt Ion: 41 Resp: 155542
Ion Ratio Lower Upper
41 100
69 70.5 56.3 84.5
39 63.1 50.3 75.5





#49
1,4-Dioxane
Concen: 1056.645 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

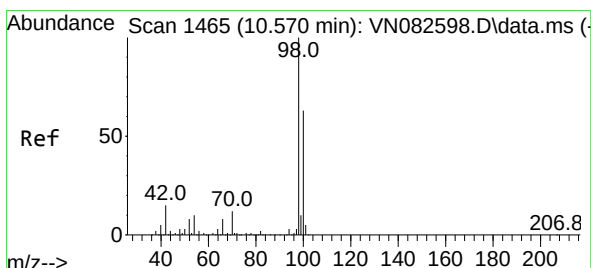
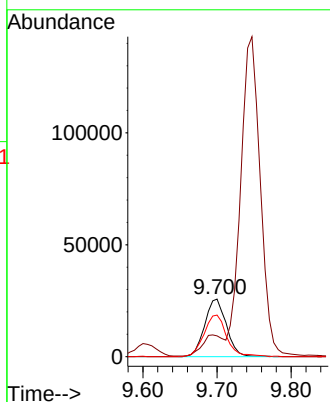
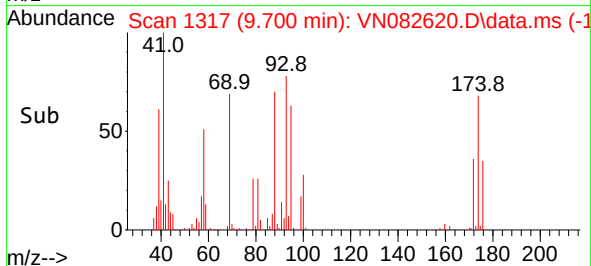
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 52290
Ion Ratio Lower Upper
88 100
43 37.1 27.8 41.8
58 76.1 59.4 89.0

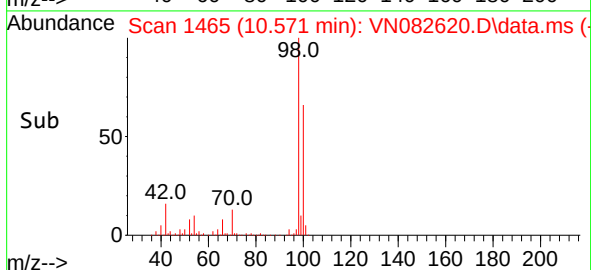
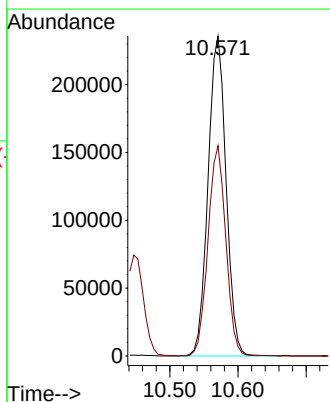
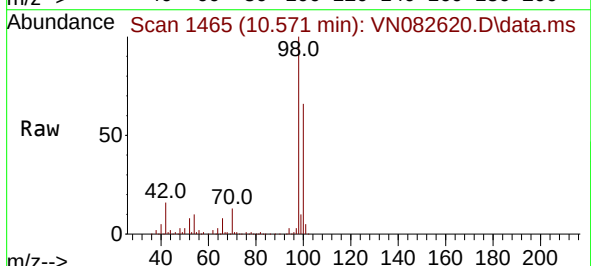
Manual Integrations
APPROVED

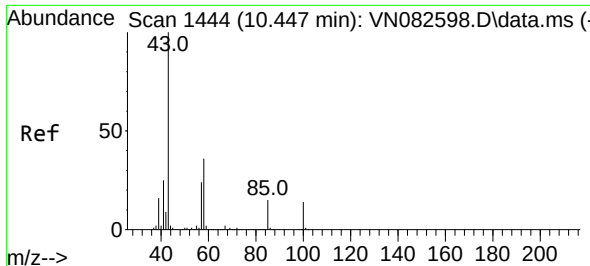
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#50
Toluene-d8
Concen: 53.127 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

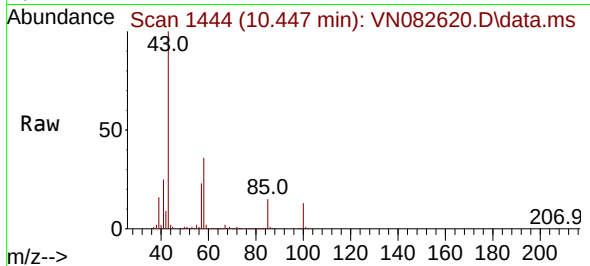
Tgt Ion: 98 Resp: 433320
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 257.688 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

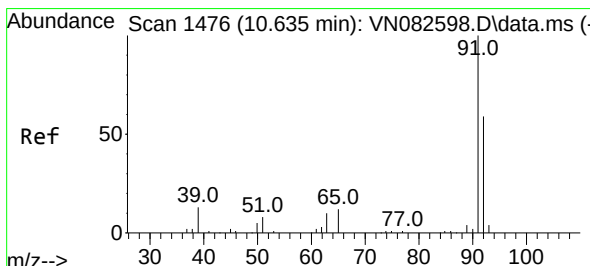
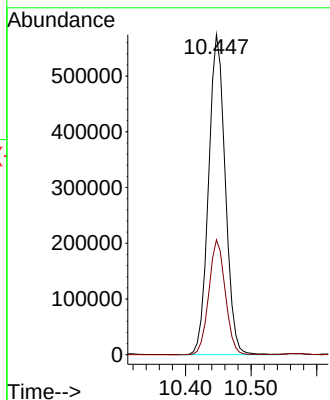
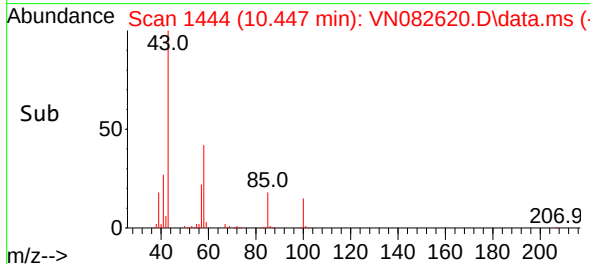
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 101446
Ion Ratio Lower Upper
43 100
58 35.4 28.2 42.4

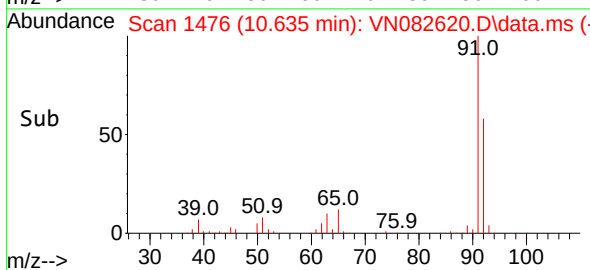
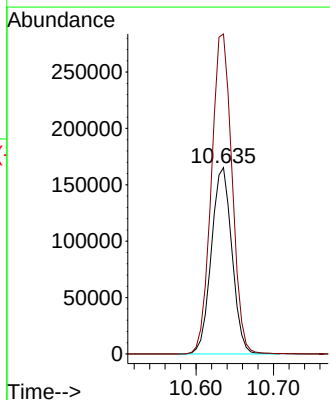
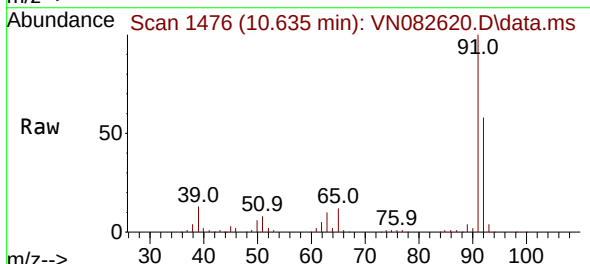
Manual Integrations
APPROVED

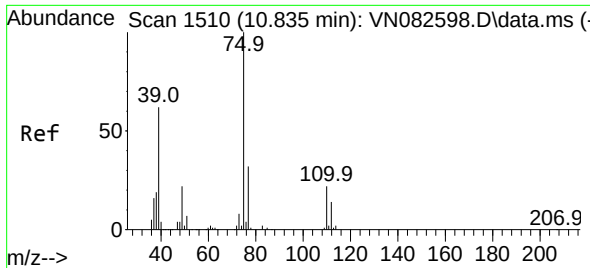
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#52
Toluene
Concen: 50.584 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

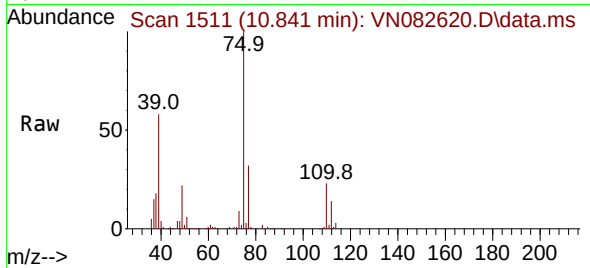
Tgt Ion: 92 Resp: 305403
Ion Ratio Lower Upper
92 100
91 173.0 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 50.837 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

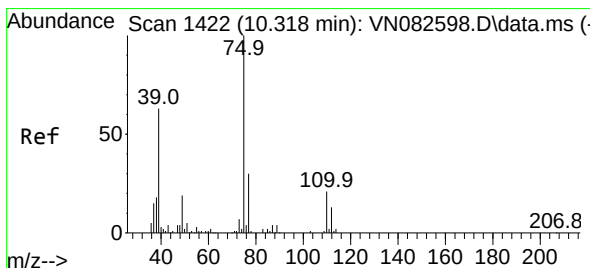
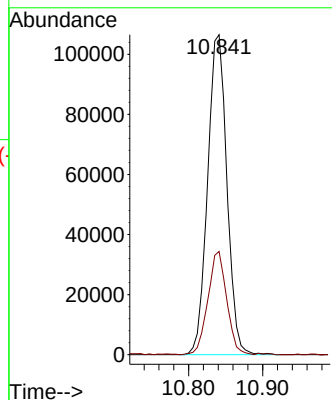
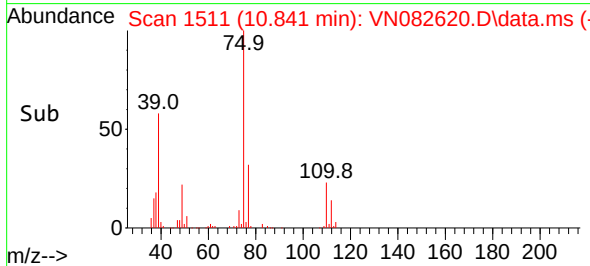
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



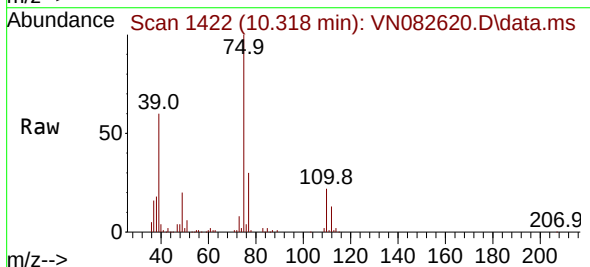
Tgt Ion: 75 Resp: 19260
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5

Manual Integrations
APPROVED

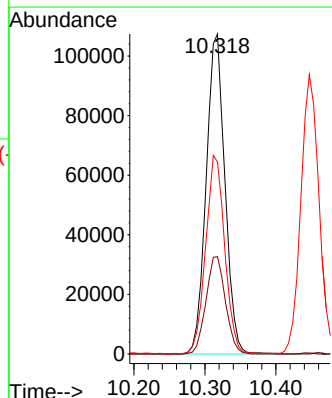
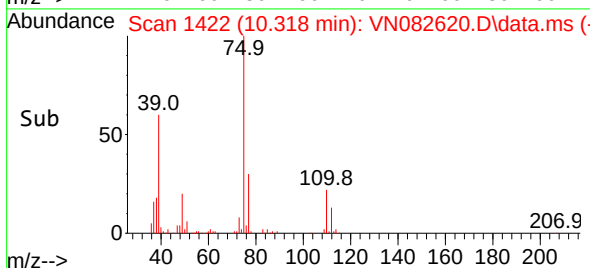
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

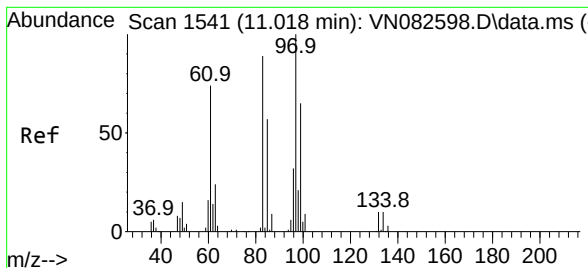


#54
cis-1,3-Dichloropropene
Concen: 50.268 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42



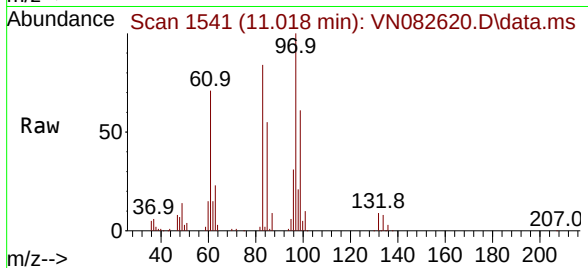
Tgt Ion: 75 Resp: 196935
Ion Ratio Lower Upper
75 100
77 30.4 24.3 36.5
39 59.8 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 51.293 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

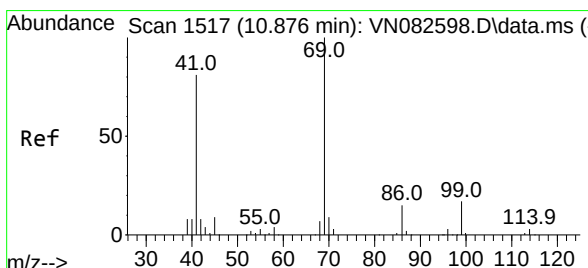
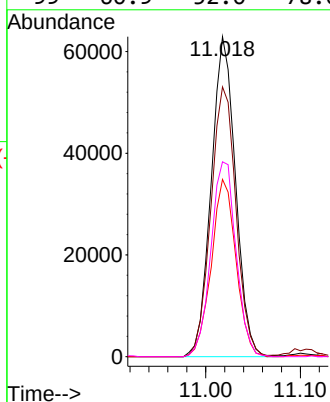
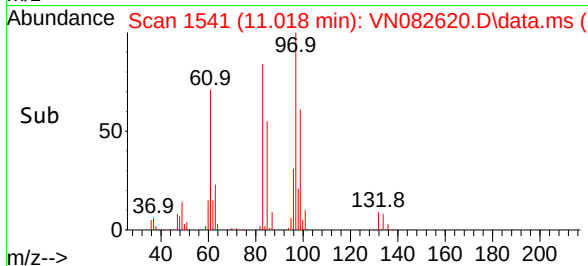
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



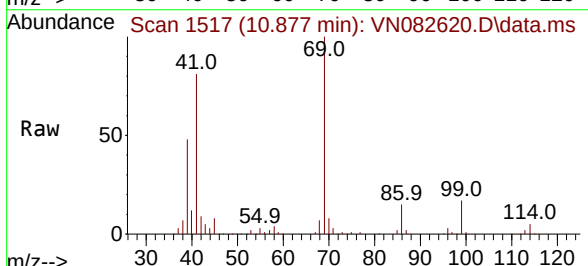
Tgt Ion: 97 Resp: 112088
Ion Ratio Lower Upper
97 100
83 84.3 71.4 107.0
85 55.4 45.8 68.6
99 60.9 52.0 78.0

Manual Integrations
APPROVED

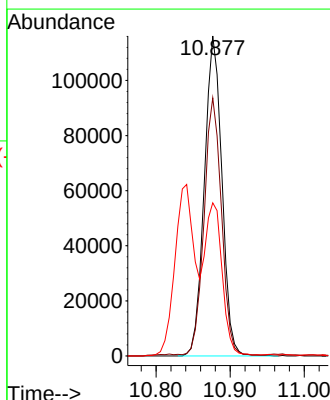
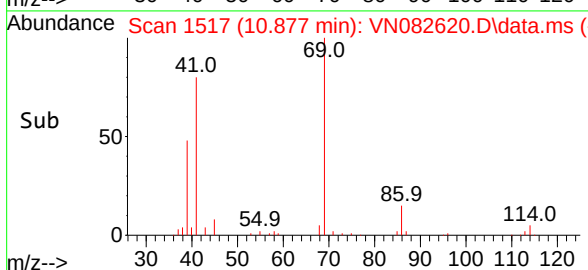
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

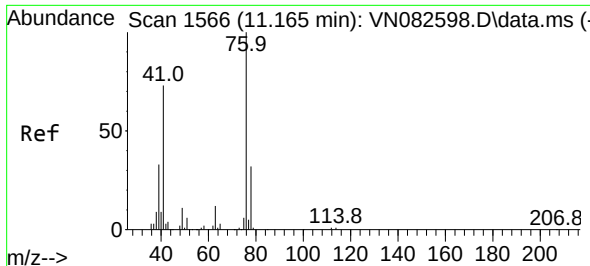


#56
Ethyl methacrylate
Concen: 52.782 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42



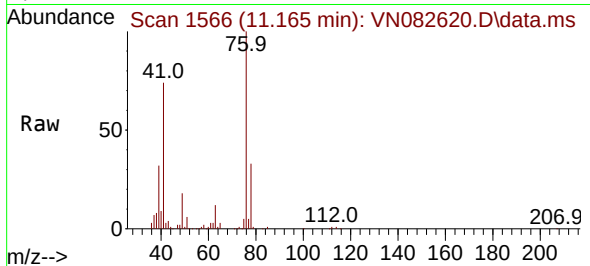
Tgt Ion: 69 Resp: 191034
Ion Ratio Lower Upper
69 100
41 79.6 63.4 95.2
39 46.4 37.4 56.0





#57
1,3-Dichloropropane
Concen: 49.836 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

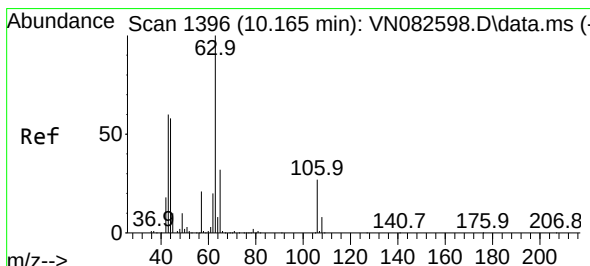
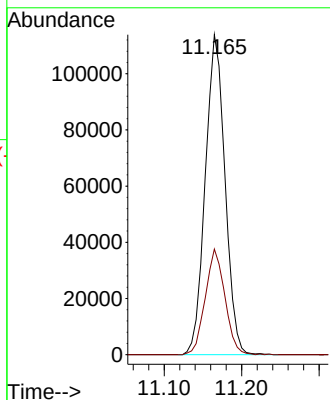
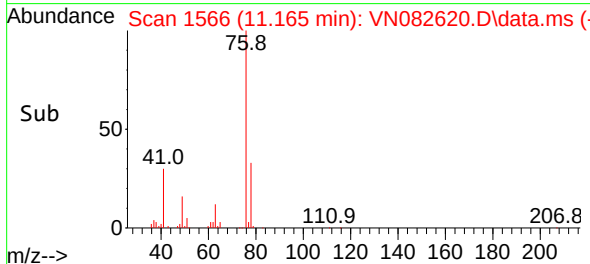
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 201329
Ion Ratio Lower Upper
76 100
78 32.8 25.6 38.4

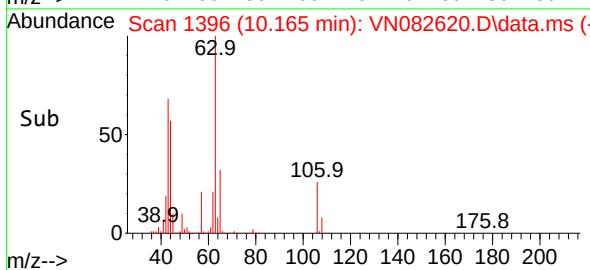
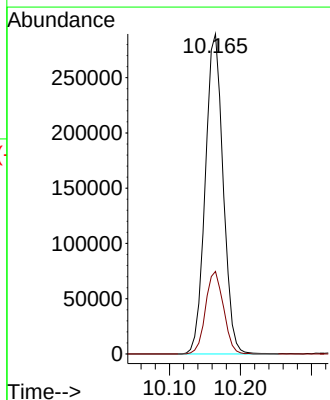
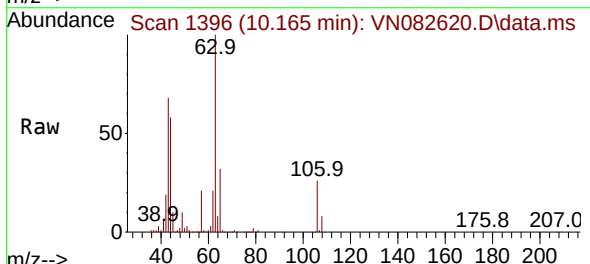
Manual Integrations
APPROVED

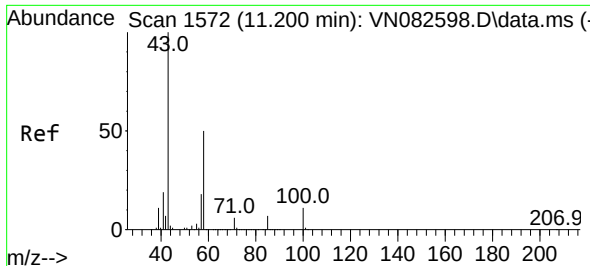
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#58
2-Chloroethyl Vinyl ether
Concen: 264.163 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

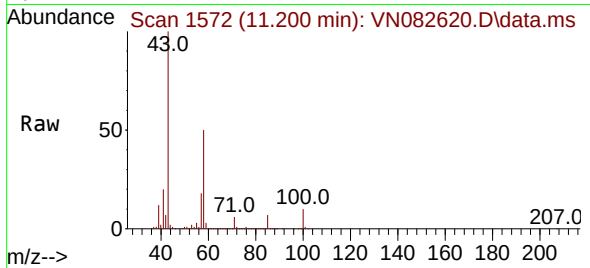
Tgt Ion: 63 Resp: 505768
Ion Ratio Lower Upper
63 100
106 25.9 21.4 32.0





#59
2-Hexanone
Concen: 259.247 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

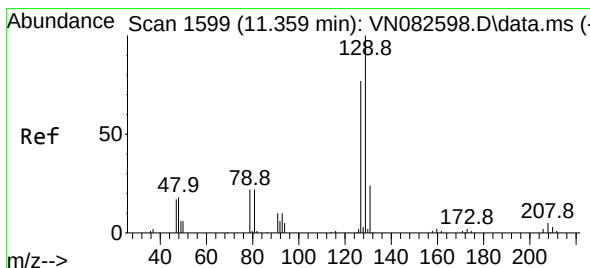
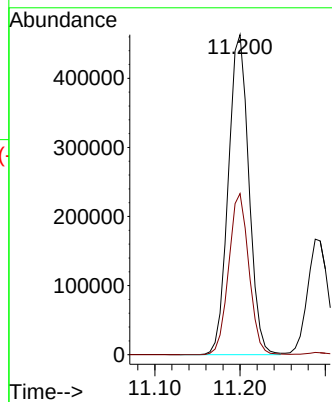
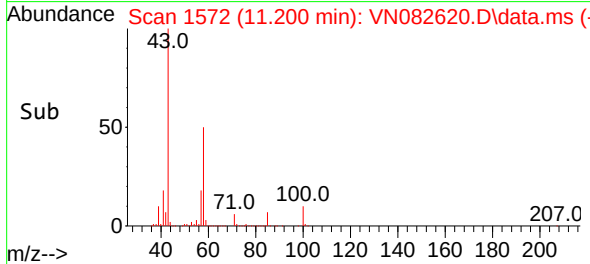
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 77570
Ion Ratio Lower Upper
43 100
58 49.5 24.6 73.8

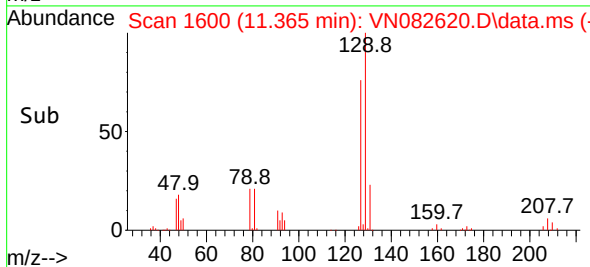
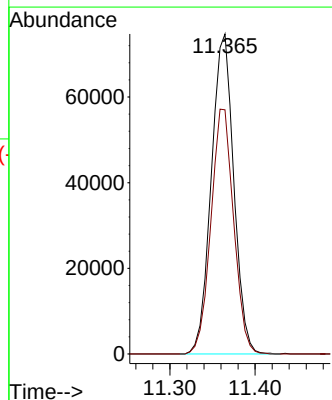
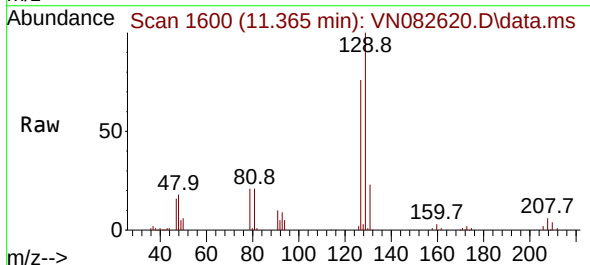
Manual Integrations
APPROVED

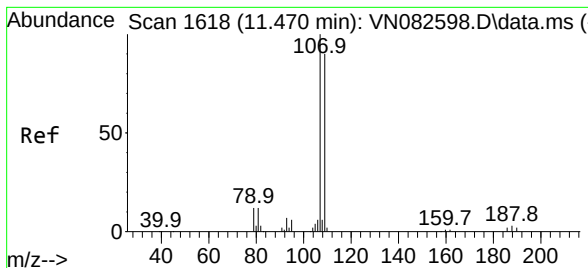
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#60
Dibromochloromethane
Concen: 51.402 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

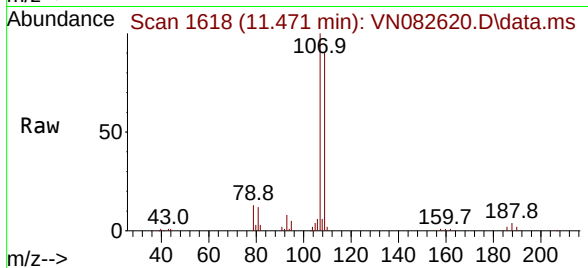
Tgt Ion:129 Resp: 137118
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6





#61
1,2-Dibromoethane
Concen: 49.086 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

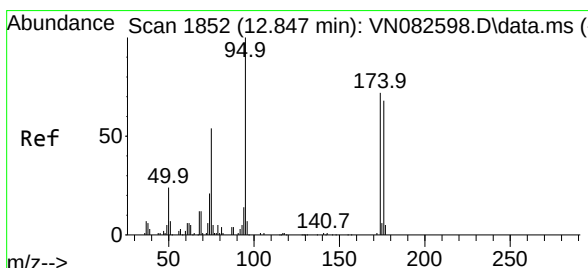
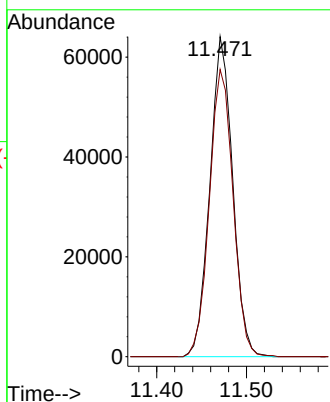
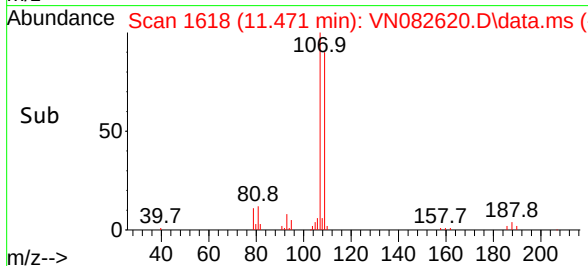
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



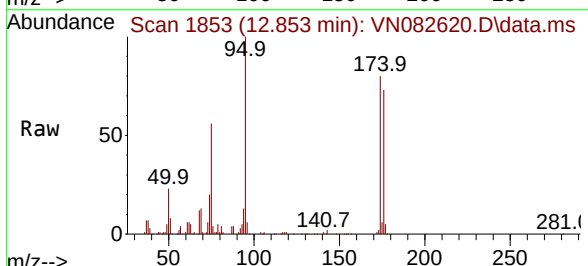
Tgt Ion:107 Resp: 113095
Ion Ratio Lower Upper
107 100
109 93.3 73.7 110.5

Manual Integrations
APPROVED

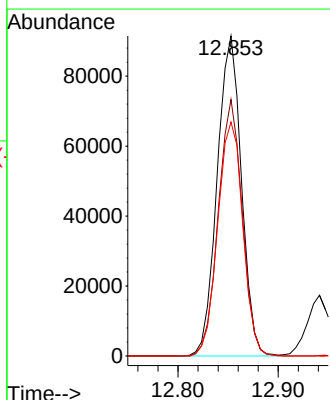
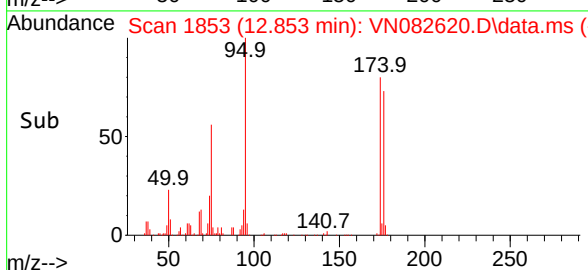
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

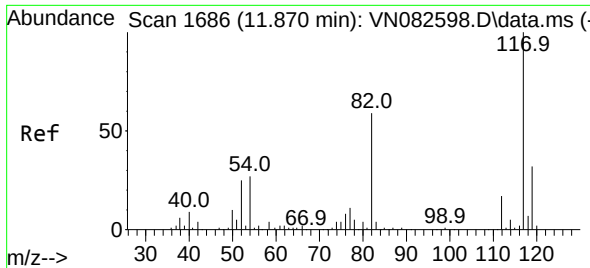


#62
4-Bromofluorobenzene
Concen: 54.548 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42



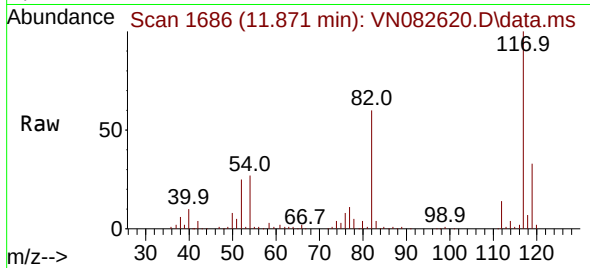
Tgt Ion: 95 Resp: 153390
Ion Ratio Lower Upper
95 100
174 79.3 0.0 159.2
176 75.6 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

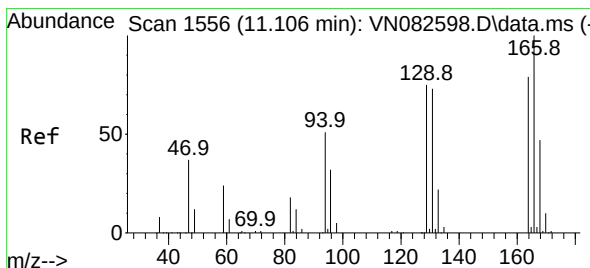
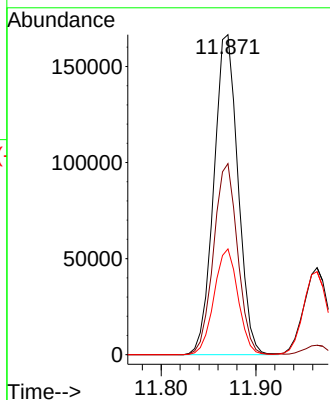
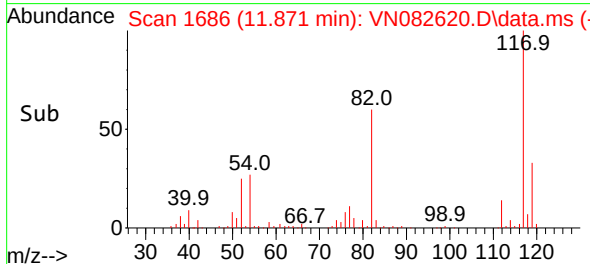
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



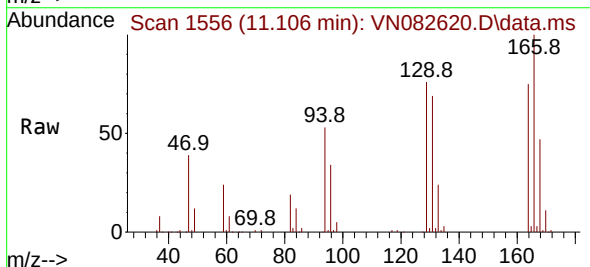
Tgt Ion:117 Resp: 29565
Ion Ratio Lower Upper
117 100
82 59.7 47.5 71.3
119 33.1 25.6 38.4

Manual Integrations
APPROVED

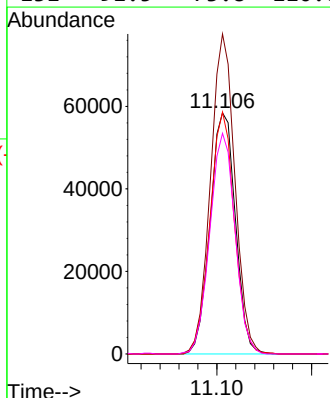
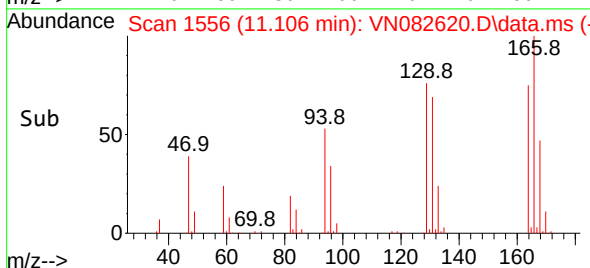
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

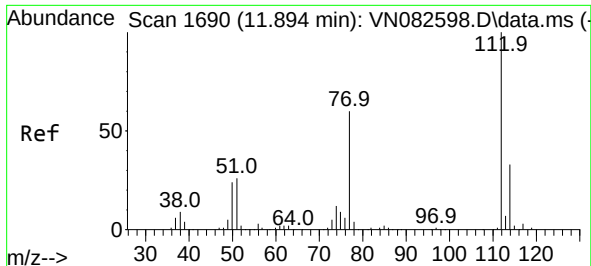


#64
Tetrachloroethene
Concen: 44.358 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42



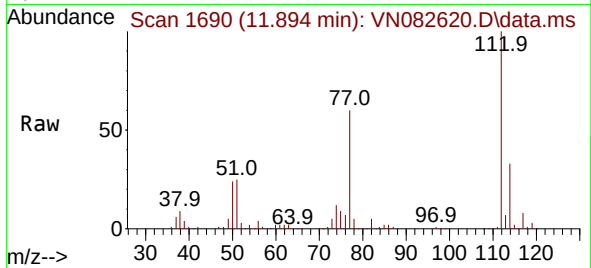
Tgt Ion:164 Resp: 108133
Ion Ratio Lower Upper
164 100
166 132.7 101.4 152.0
129 100.3 75.7 113.5
131 91.5 73.8 110.6





#65
Chlorobenzene
Concen: 47.826 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

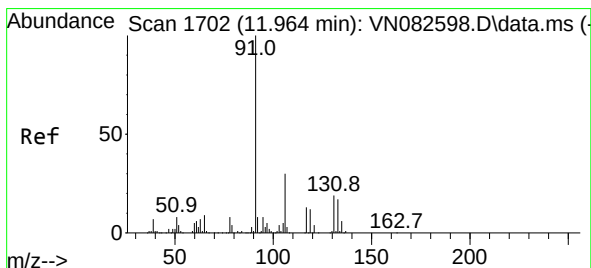
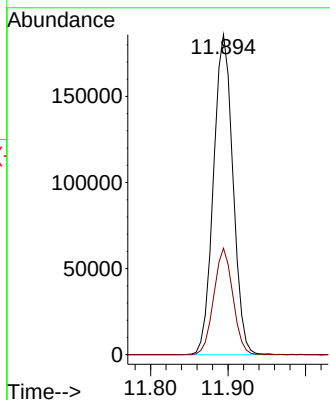
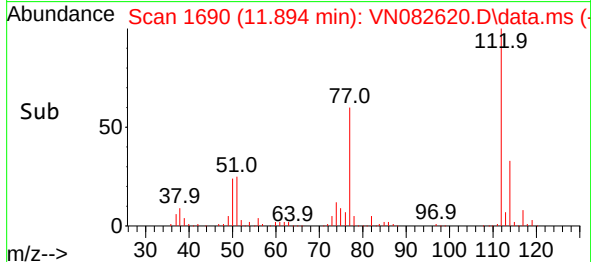
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



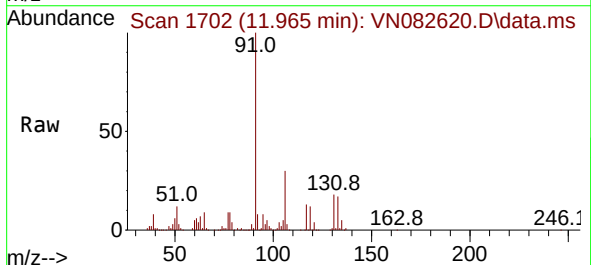
Tgt Ion:112 Resp: 32425
Ion Ratio Lower Upper
112 100
114 33.3 26.2 39.2

Manual Integrations
APPROVED

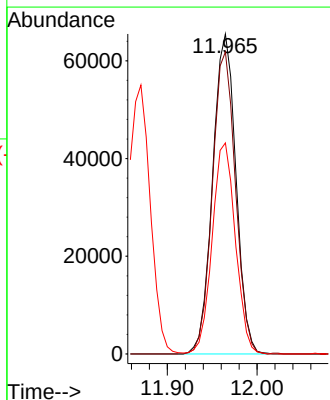
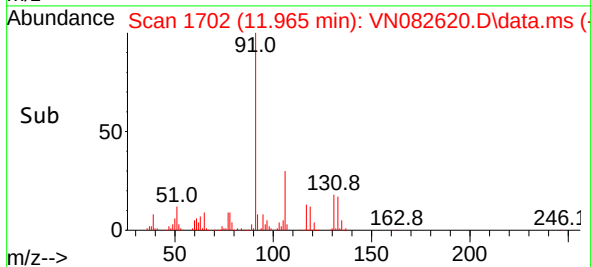
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

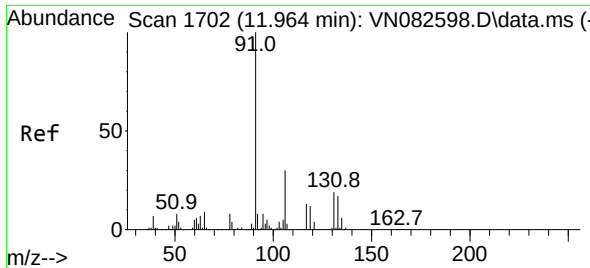


#66
1,1,1,2-Tetrachloroethane
Concen: 48.734 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42



Tgt Ion:131 Resp: 117818
Ion Ratio Lower Upper
131 100
133 93.9 47.3 142.0
119 65.7 32.5 97.4





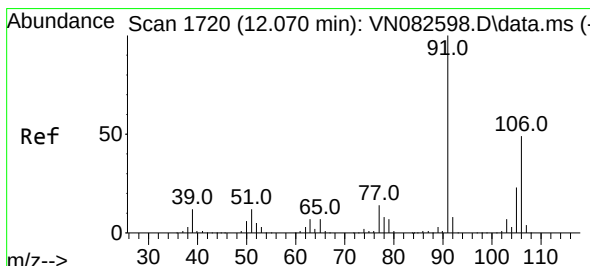
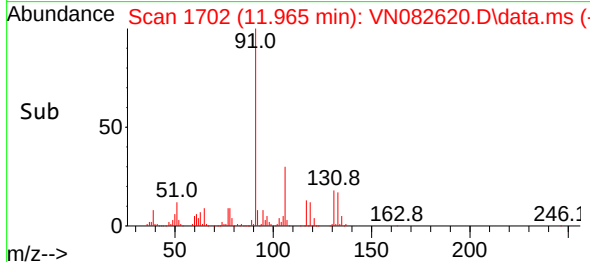
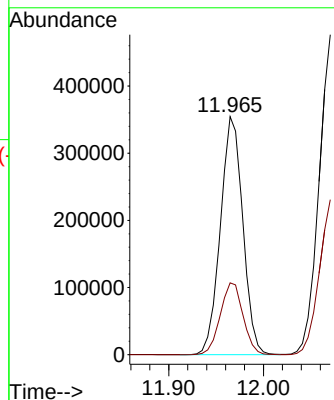
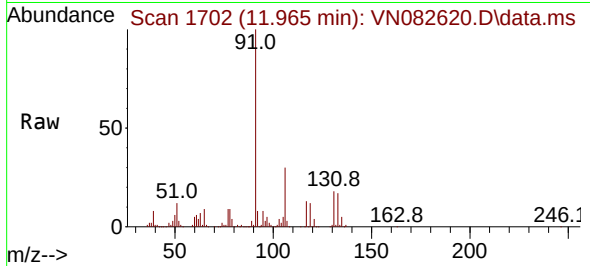
#67
Ethyl Benzene
Concen: 50.495 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 58333
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0

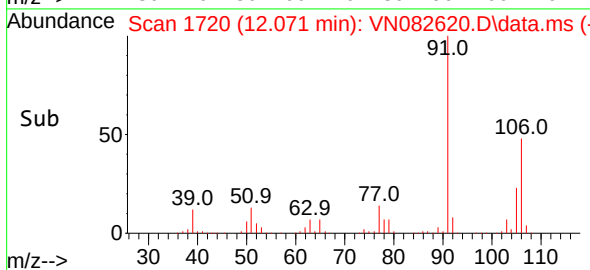
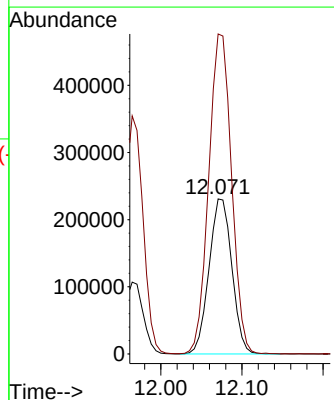
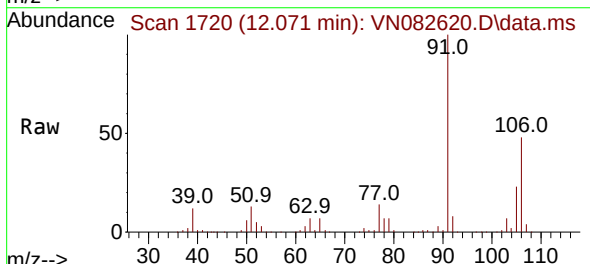
Manual Integrations
APPROVED

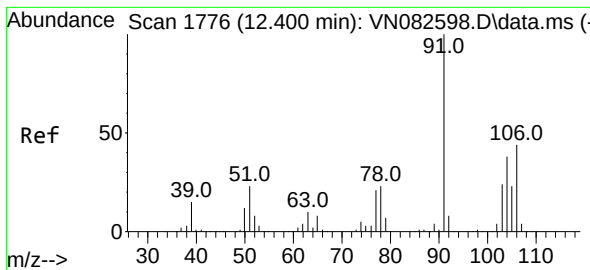
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#68
m/p-Xylenes
Concen: 104.976 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

Tgt Ion:106 Resp: 451166
Ion Ratio Lower Upper
106 100
91 206.1 166.1 249.1





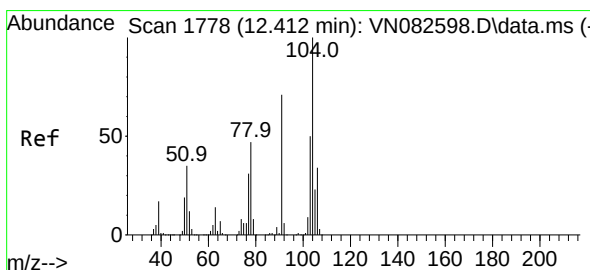
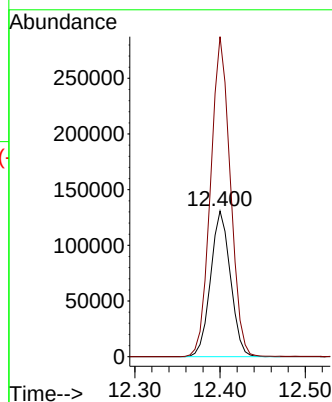
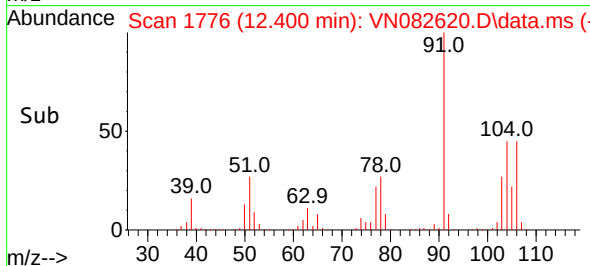
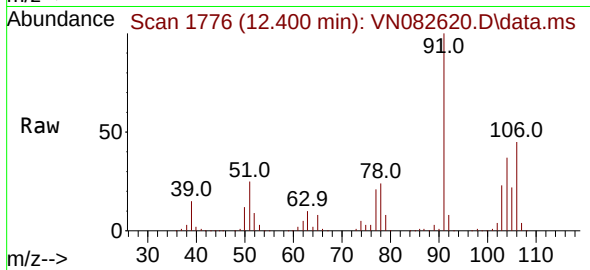
#69
o-Xylene
Concen: 52.311 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 211224
Ion Ratio Lower Upper
106 100
91 219.1 111.3 333.9

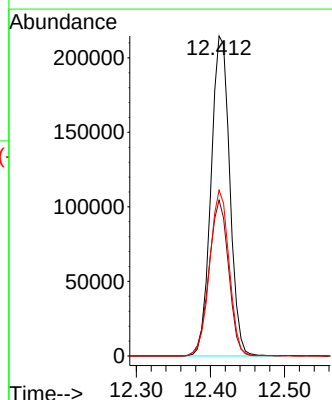
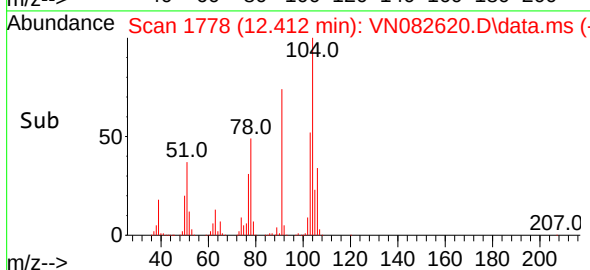
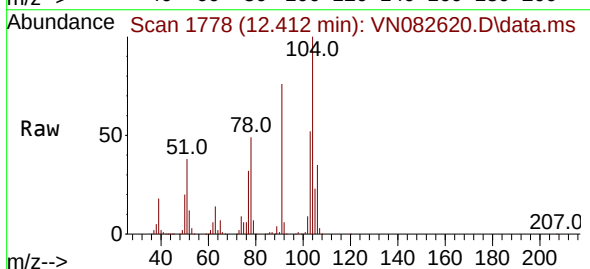
Manual Integrations
APPROVED

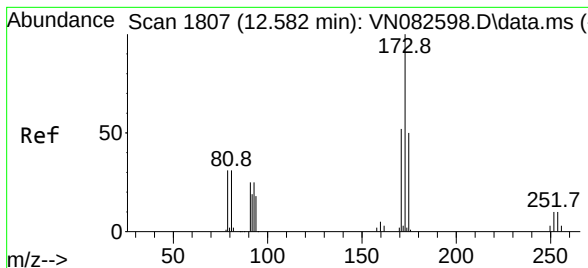
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#70
Styrene
Concen: 54.987 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

Tgt Ion:104 Resp: 376837
Ion Ratio Lower Upper
104 100
78 50.9 41.6 62.4
103 53.7 44.0 66.0





#71

Bromoform

Concen: 50.240 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082620.D

Acq: 18 Jun 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

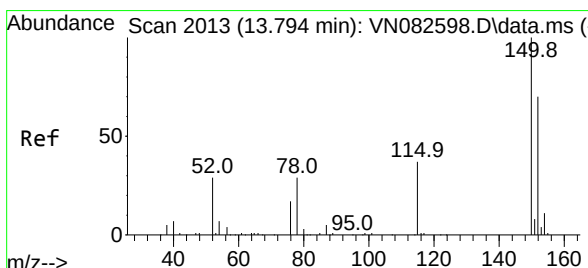
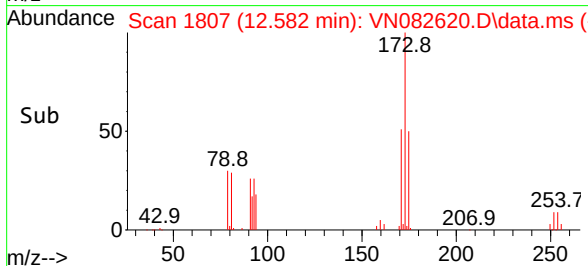
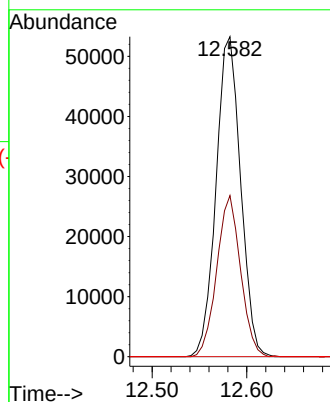
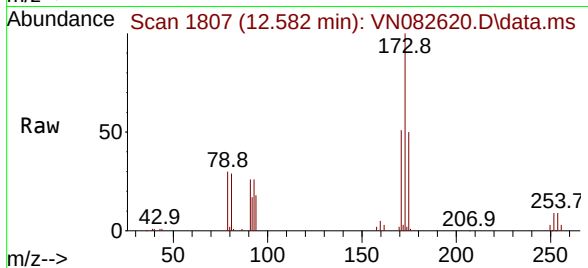
Tgt Ion:	173	Resp:	9602
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

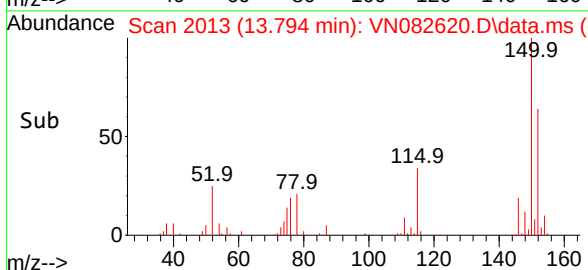
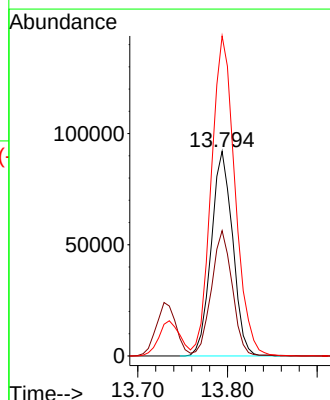
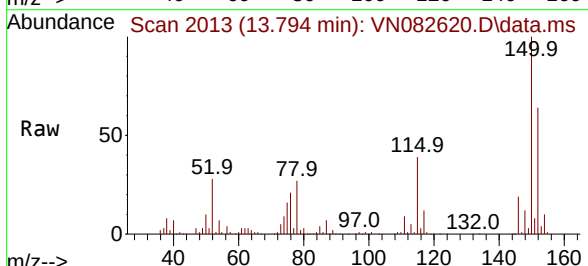
RT: 13.794 min Scan# 2013

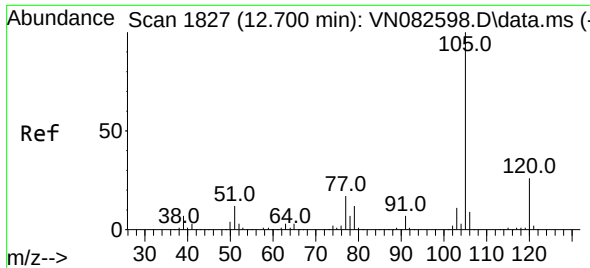
Delta R.T. 0.000 min

Lab File: VN082620.D

Acq: 18 Jun 2024 09:42

Tgt Ion:	152	Resp:	152521
Ion Ratio	Lower	Upper	
152	100		
115	59.6	30.6	91.6
150	173.1	0.0	348.6





#73
Isopropylbenzene
Concen: 47.144 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

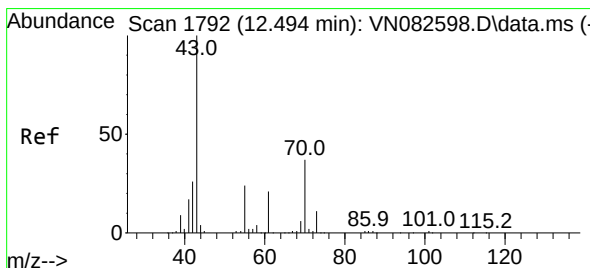
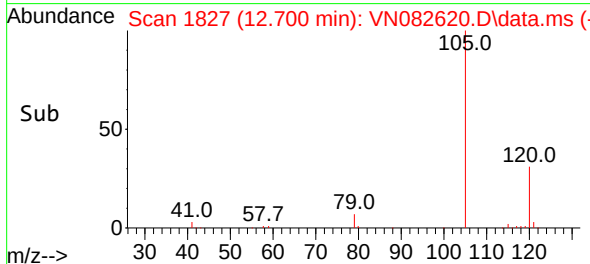
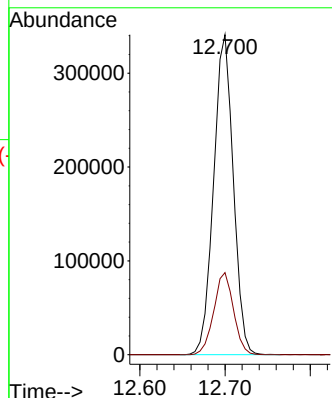
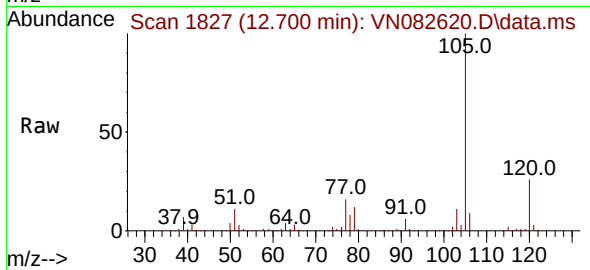
VSTDCCC050

Tgt Ion:105 Resp: 546008
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

Manual Integrations

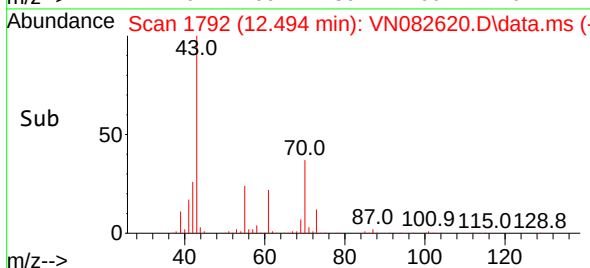
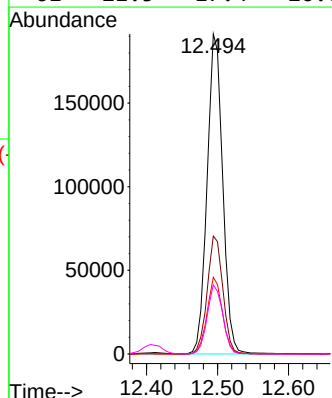
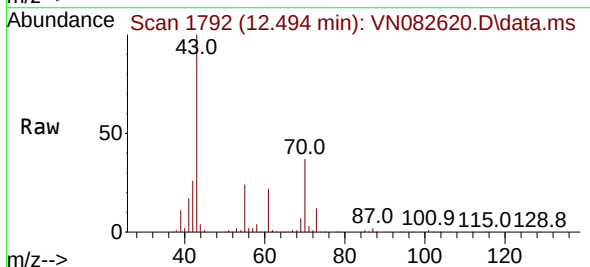
APPROVED

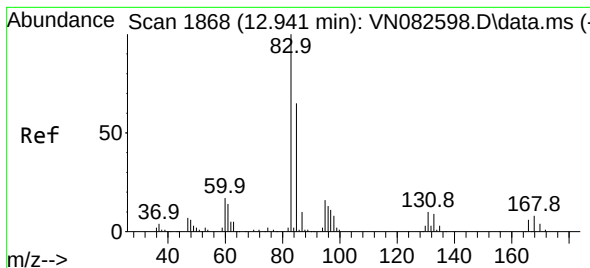
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#74
N-ethyl acetate
Concen: 47.374 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

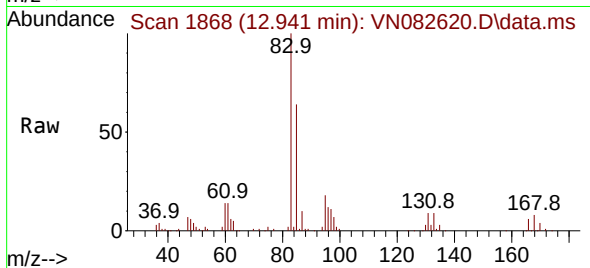
Tgt Ion: 43 Resp: 292823
Ion Ratio Lower Upper
43 100
70 36.9 29.8 44.6
55 23.6 18.7 28.1
61 21.5 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 44.139 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

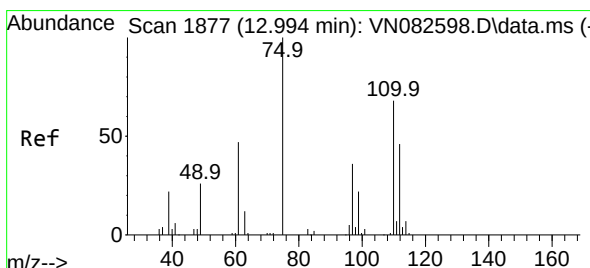
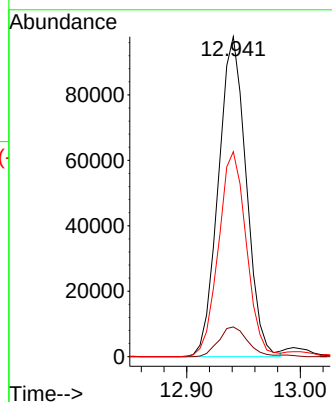
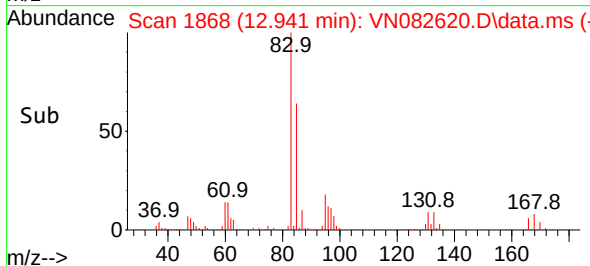
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 16675
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.2 31.9 95.7

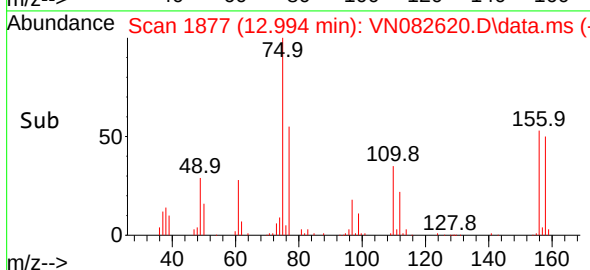
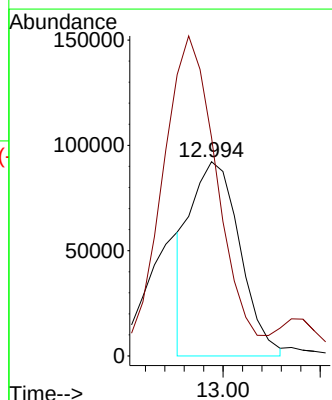
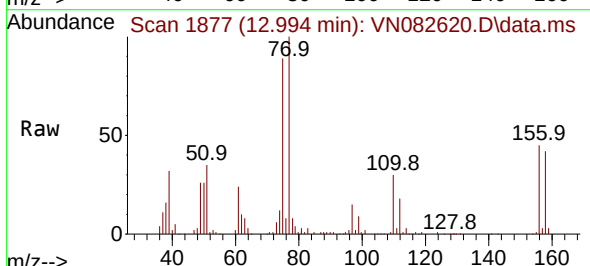
Manual Integrations
APPROVED

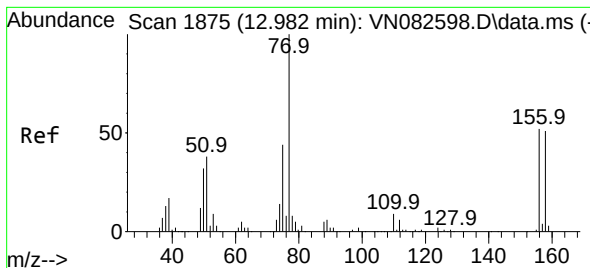
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#76
1,2,3-Trichloropropane
Concen: 43.627 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

Tgt Ion: 75 Resp: 162748
Ion Ratio Lower Upper
75 100
77 186.1 110.9 332.6





#77

Bromobenzene

Concen: 45.023 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082620.D

Acq: 18 Jun 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 134220

Ion Ratio Lower Upper

156 100

77 225.6 111.3 333.8

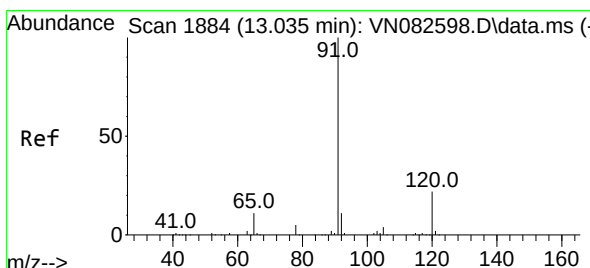
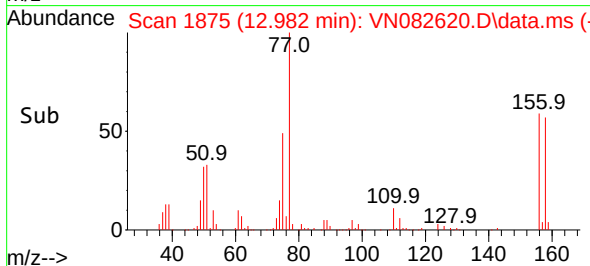
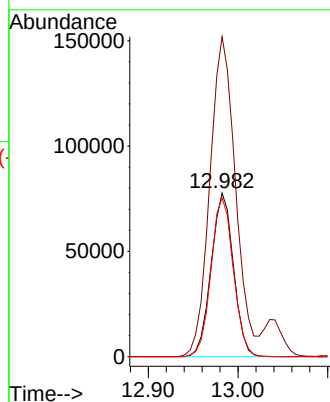
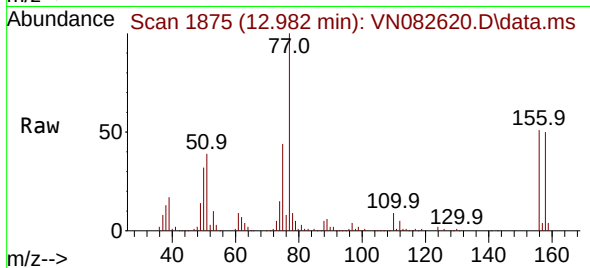
158 97.0 48.3 144.9

Manual Integrations

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Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#78

n-propylbenzene

Concen: 48.572 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN082620.D

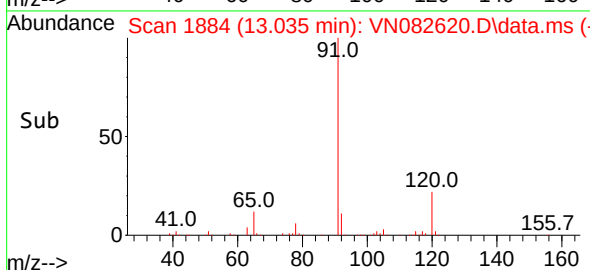
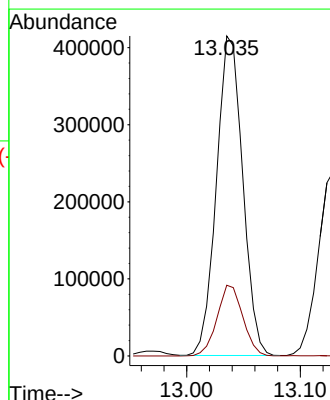
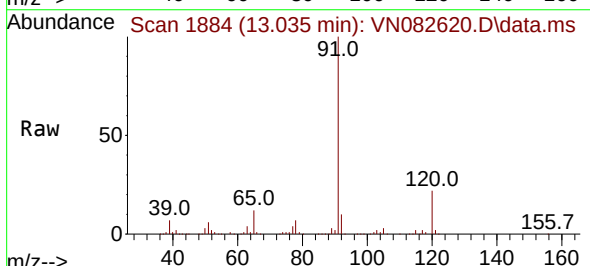
Acq: 18 Jun 2024 09:42

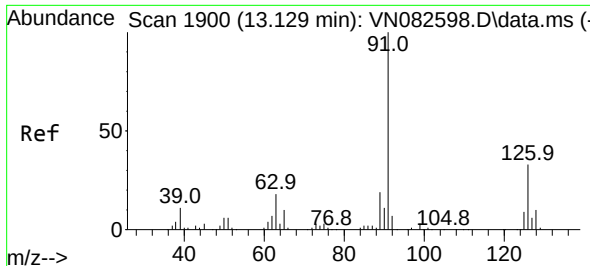
Tgt Ion: 91 Resp: 665427

Ion Ratio Lower Upper

91 100

120 21.8 10.9 32.9





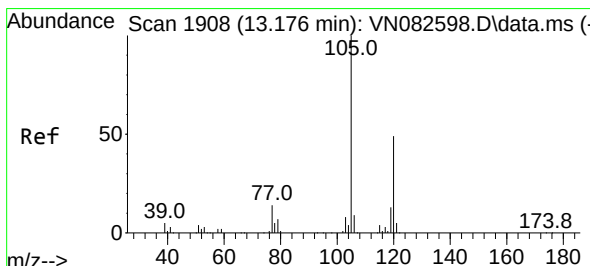
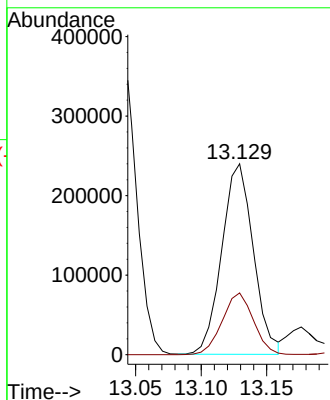
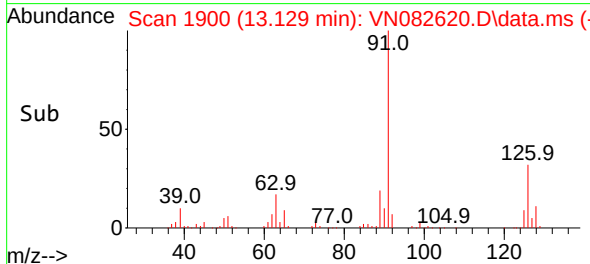
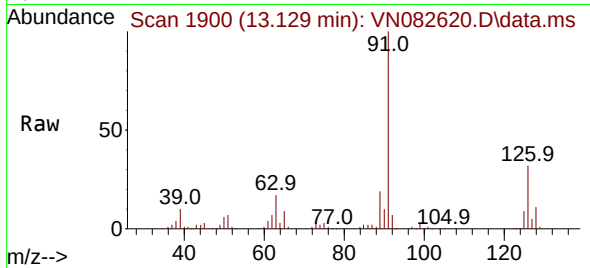
#79
2-Chlorotoluene
Concen: 46.746 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 401610
Ion Ratio Lower Upper
91 100
126 32.1 16.2 48.6

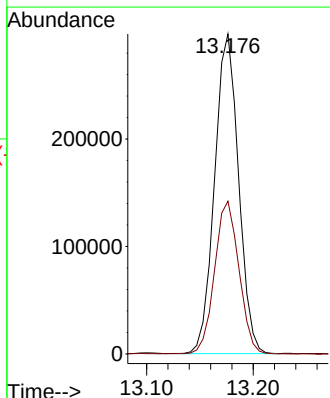
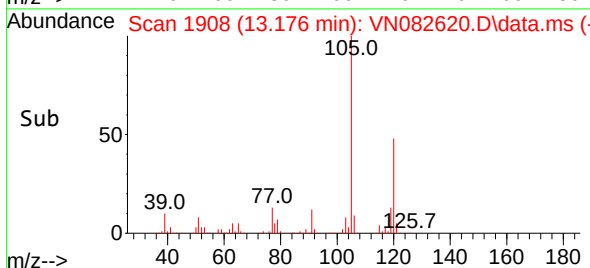
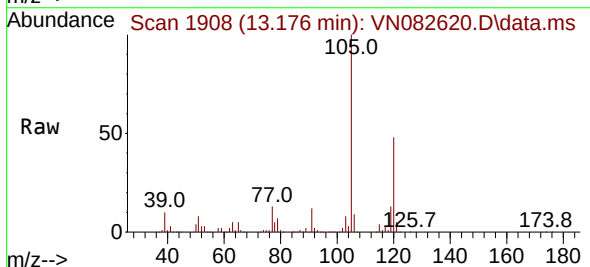
Manual Integrations
APPROVED

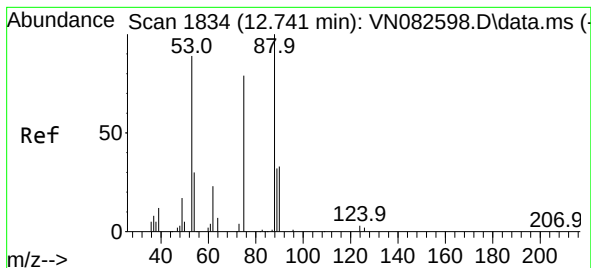
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.346 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

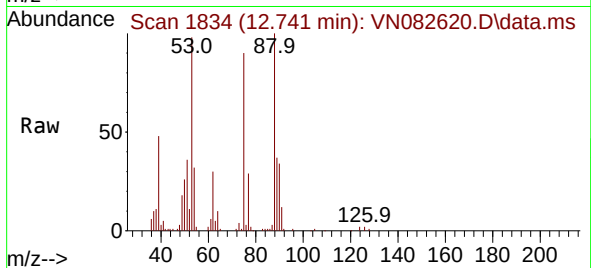
Tgt Ion:105 Resp: 463801
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 49.138 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

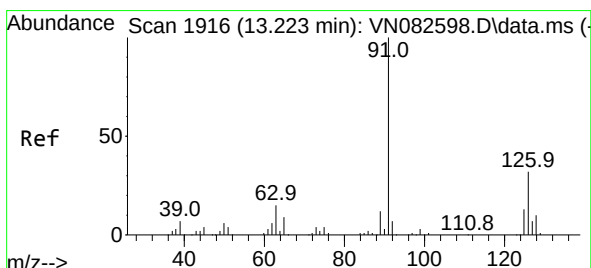
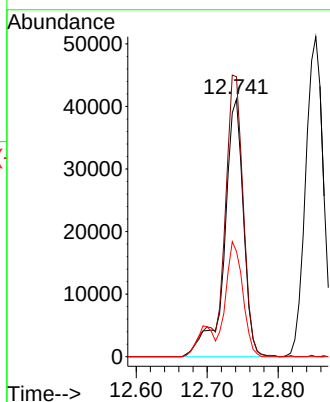
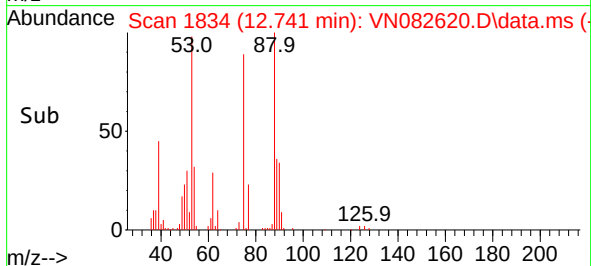
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



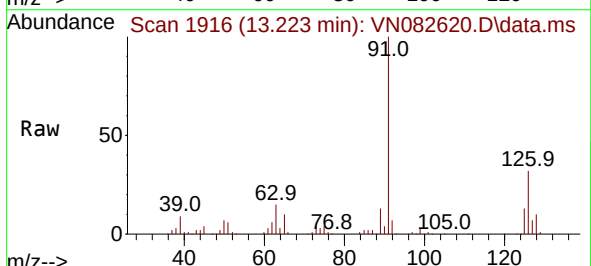
Tgt Ion: 75 Resp: 76619
Ion Ratio Lower Upper
75 100
53 109.9 88.4 132.6
89 39.8 36.3 54.5

Manual Integrations
APPROVED

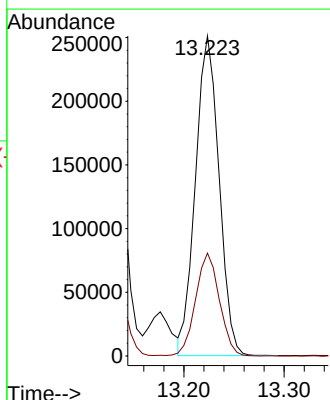
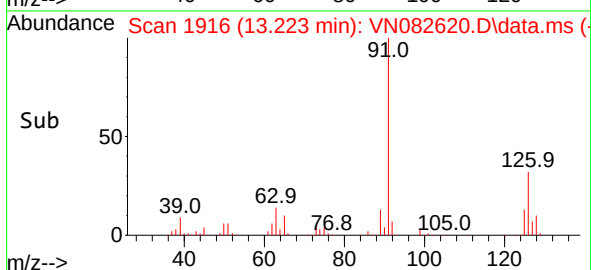
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

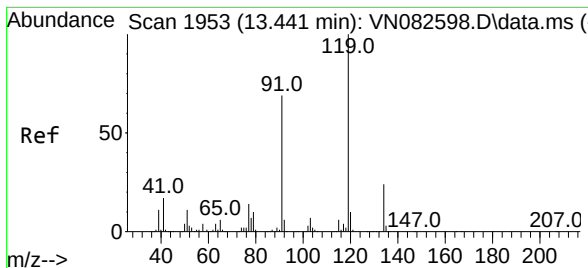


#82
4-Chlorotoluene
Concen: 47.888 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42



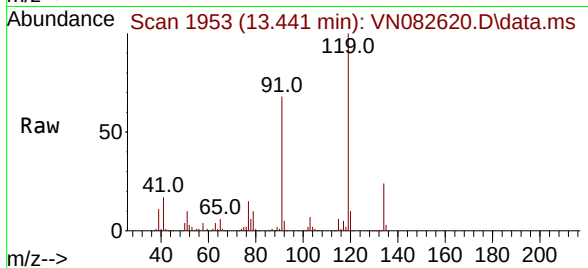
Tgt Ion: 91 Resp: 410993
Ion Ratio Lower Upper
91 100
126 32.5 16.2 48.6





#83
tert-Butylbenzene
Concen: 48.168 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

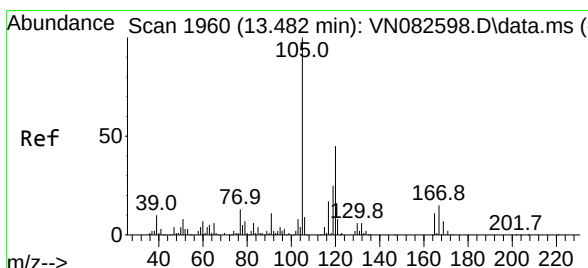
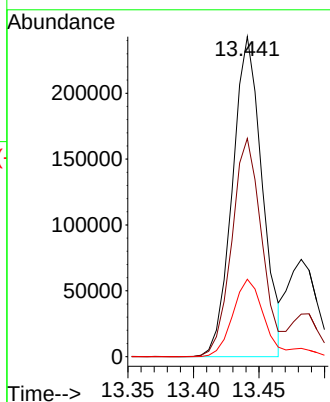
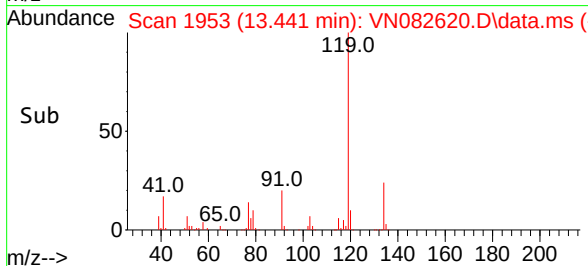
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



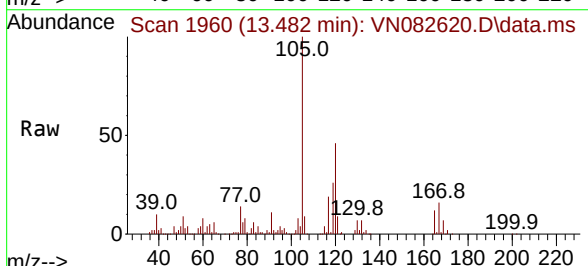
Tgt Ion:119 Resp: 385632
Ion Ratio Lower Upper
119 100
91 69.7 35.0 105.1
134 26.8 13.3 39.8

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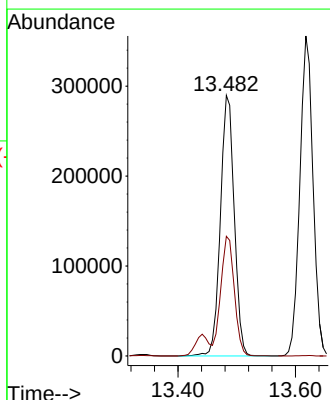
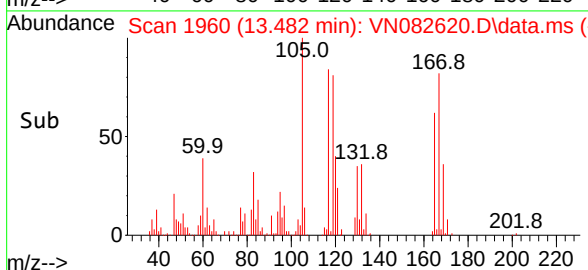
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

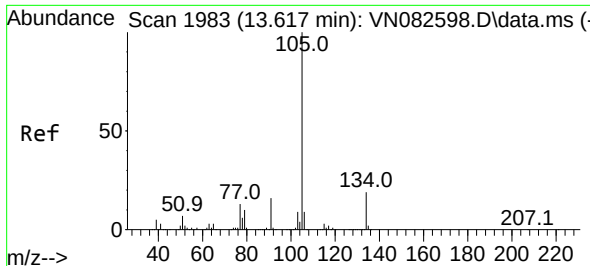


#84
1,2,4-Trimethylbenzene
Concen: 50.323 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42



Tgt Ion:105 Resp: 474472
Ion Ratio Lower Upper
105 100
120 44.7 21.9 65.8





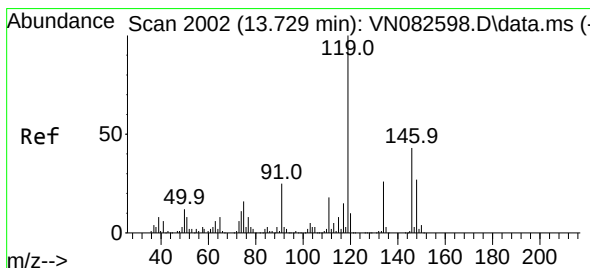
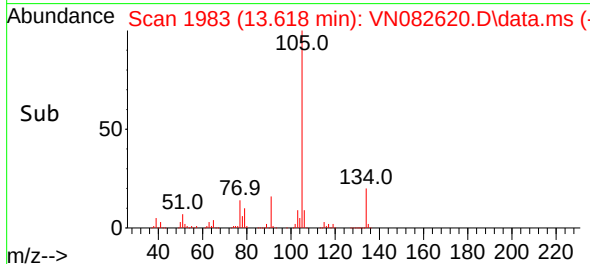
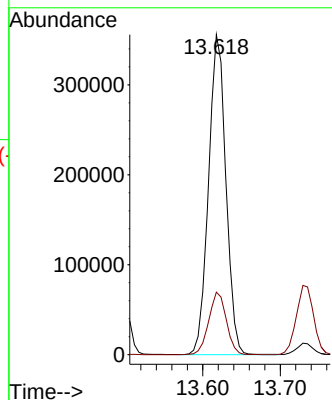
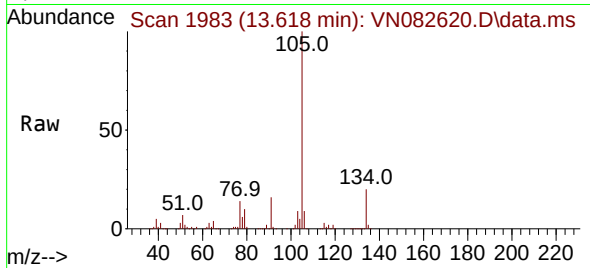
#85
 sec-Butylbenzene
 Concen: 48.696 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082620.D
 Acq: 18 Jun 2024 09:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 55369
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

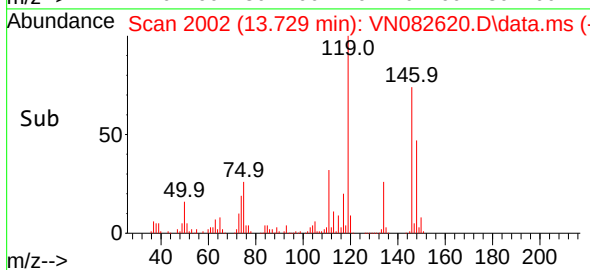
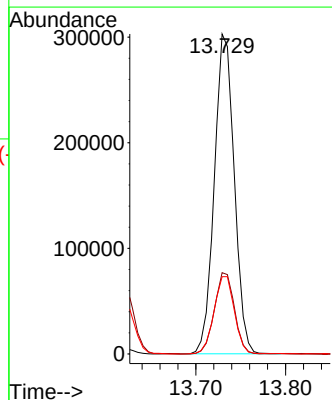
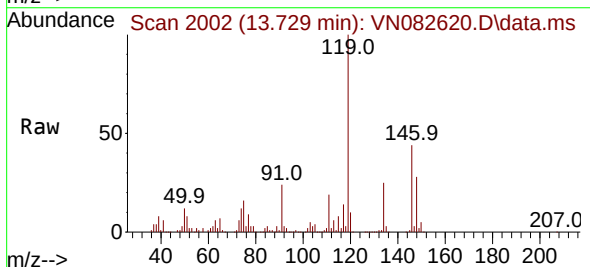
Manual Integrations
 APPROVED

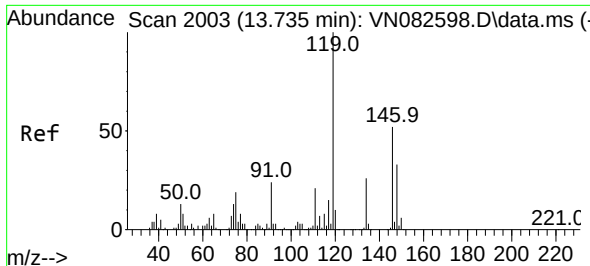
Reviewed By :John Carlone 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024



#86
 p-Isopropyltoluene
 Concen: 50.982 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082620.D
 Acq: 18 Jun 2024 09:42

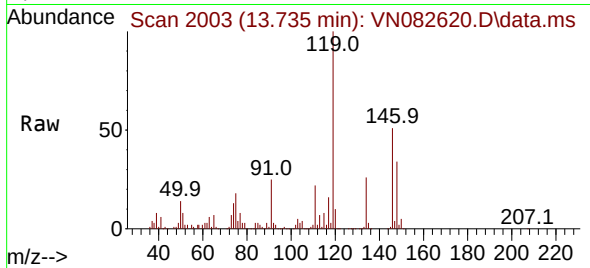
Tgt Ion:119 Resp: 466809
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 24.8 12.3 36.9





#87
 1,3-Dichlorobenzene
 Concen: 46.484 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN082620.D
 Acq: 18 Jun 2024 09:42

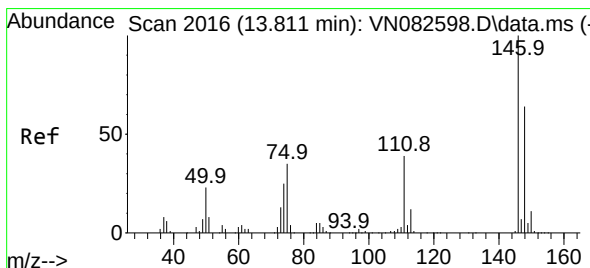
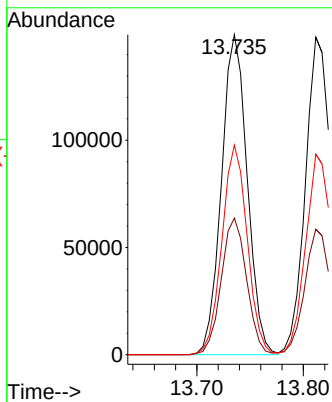
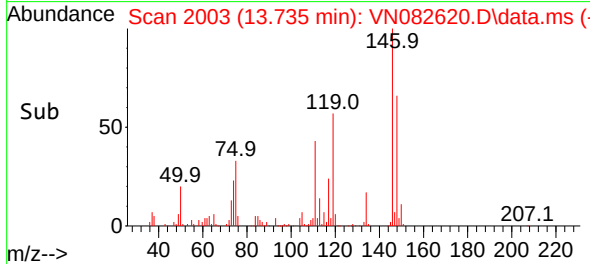
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



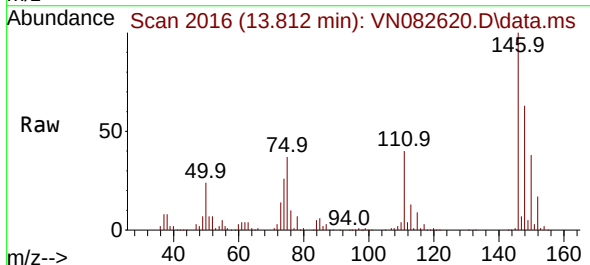
Tgt Ion:146 Resp: 251259
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.6 61.9
 148 64.4 31.8 95.3

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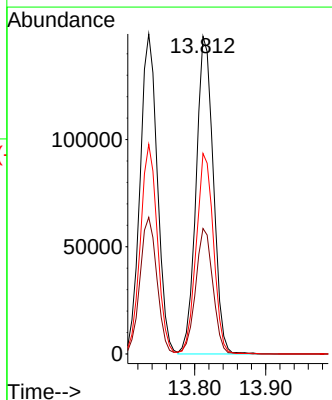
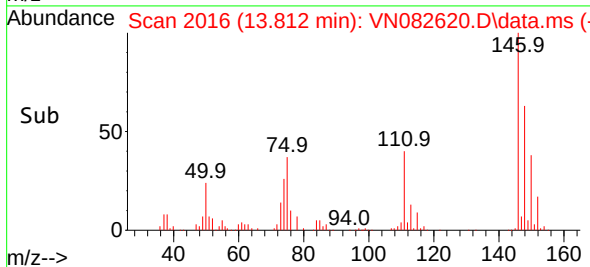
Reviewed By :John Carlone 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024

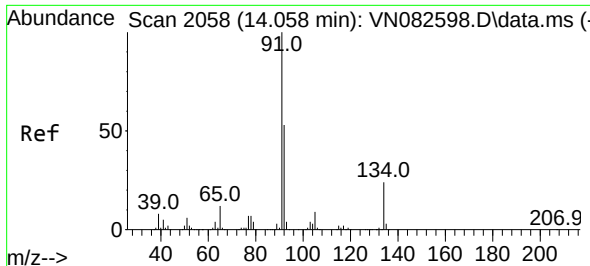


#88
 1,4-Dichlorobenzene
 Concen: 44.309 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN082620.D
 Acq: 18 Jun 2024 09:42



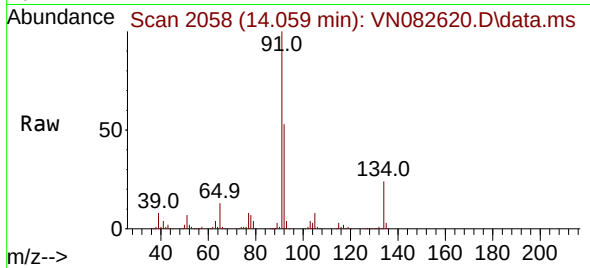
Tgt Ion:146 Resp: 250335
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.1 60.3
 148 63.0 32.2 96.6





#89
n-Butylbenzene
Concen: 49.607 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

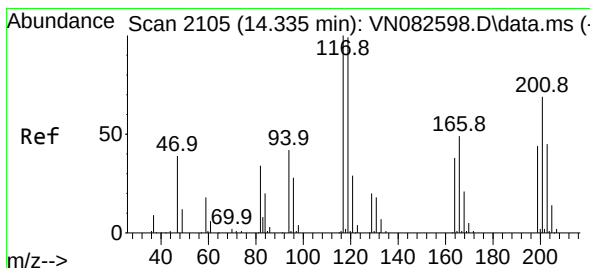
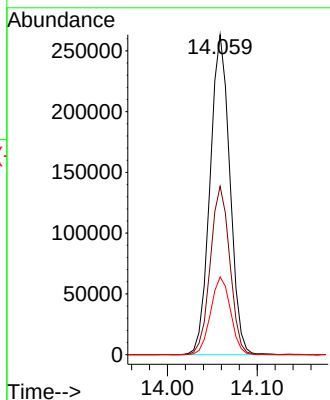
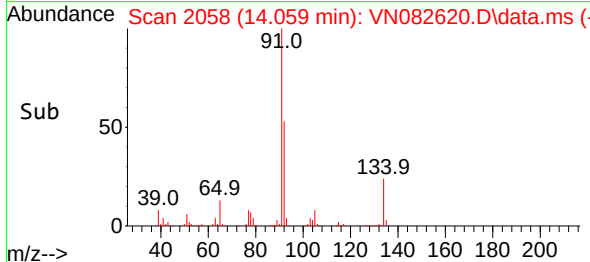
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 40290
Ion Ratio Lower Upper
91 100
92 51.9 26.1 78.3
134 24.4 12.1 36.3

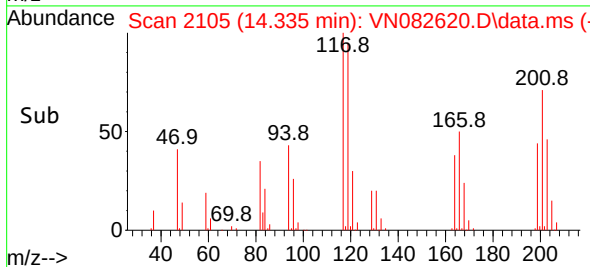
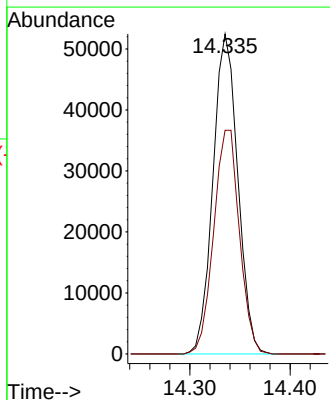
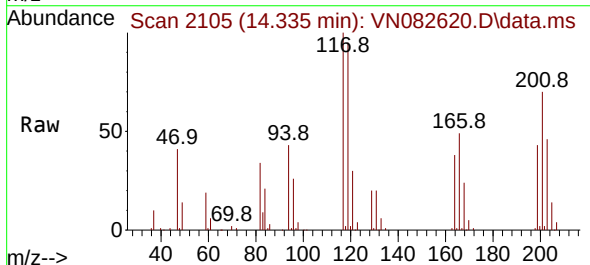
Manual Integrations
APPROVED

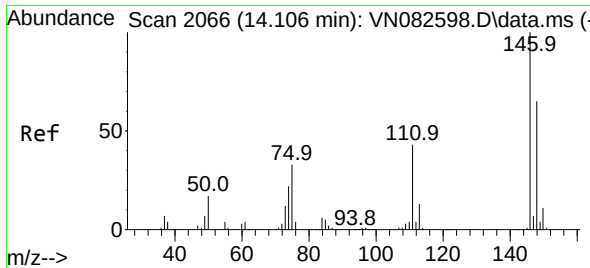
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#90
Hexachloroethane
Concen: 45.279 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

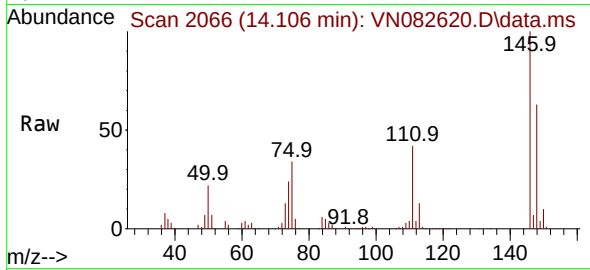
Tgt Ion:117 Resp: 90206
Ion Ratio Lower Upper
117 100
201 72.5 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 45.542 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

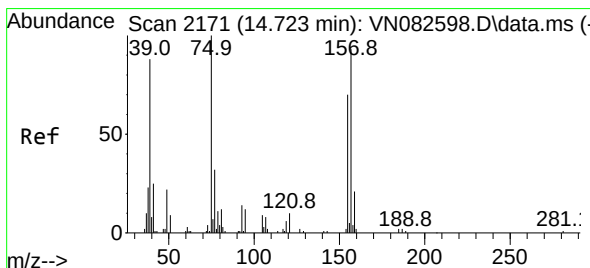
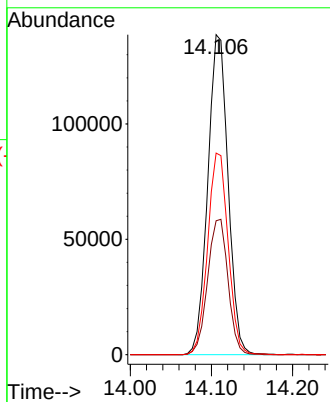
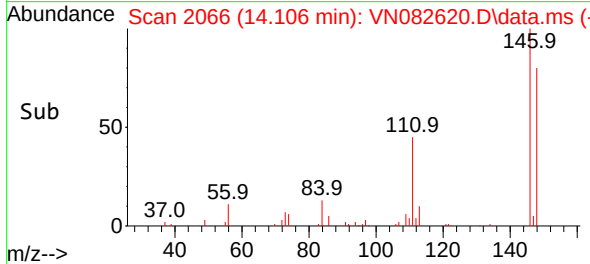
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



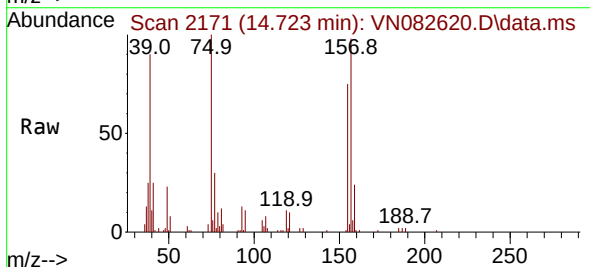
Tgt Ion:146 Resp: 240359
Ion Ratio Lower Upper
146 100
111 42.6 21.4 64.2
148 63.6 32.1 96.5

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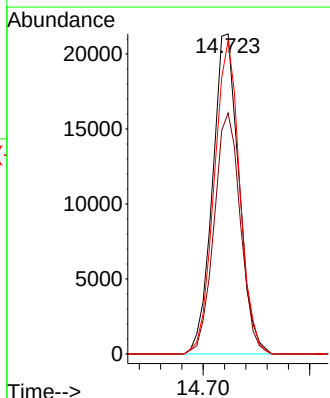
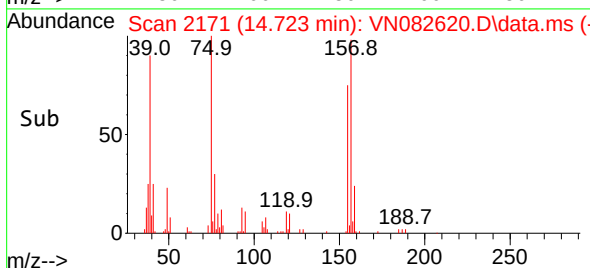
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

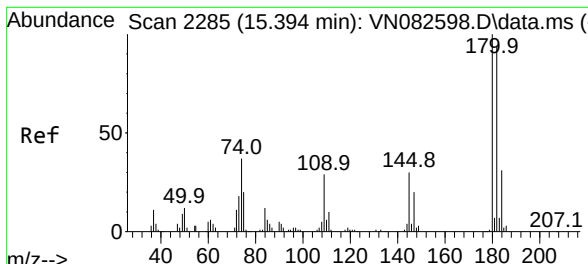


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.863 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42



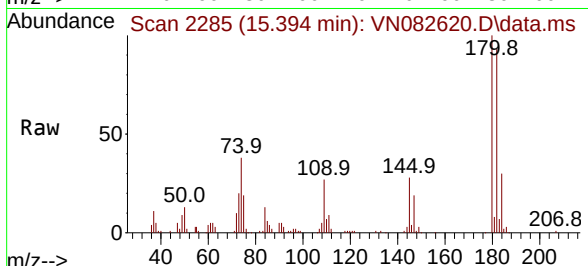
Tgt Ion: 75 Resp: 36669
Ion Ratio Lower Upper
75 100
155 75.3 36.6 109.8
157 94.7 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 45.094 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

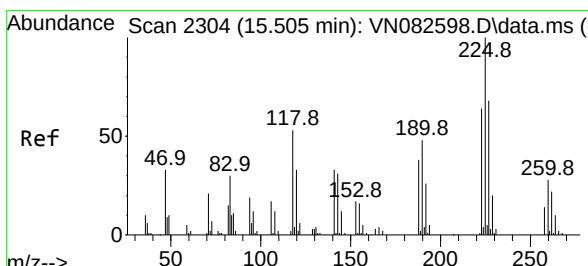
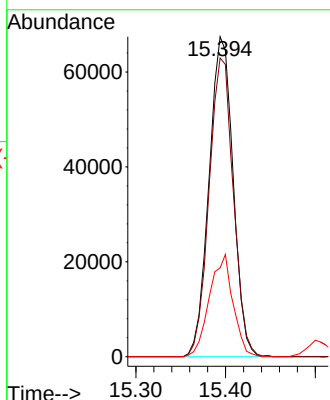
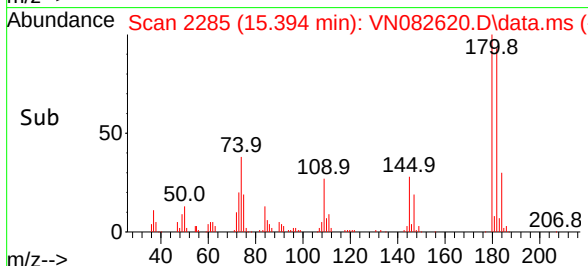
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 125490
Ion Ratio Lower Upper
180 100
182 94.1 47.3 141.8
145 31.3 15.7 47.1

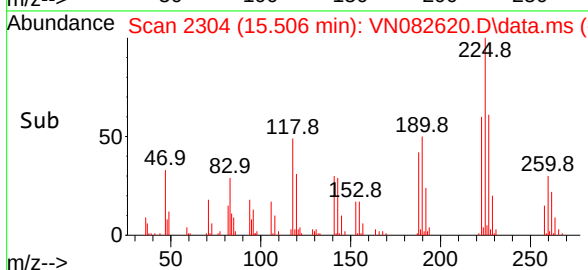
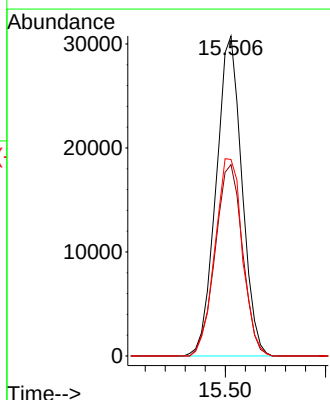
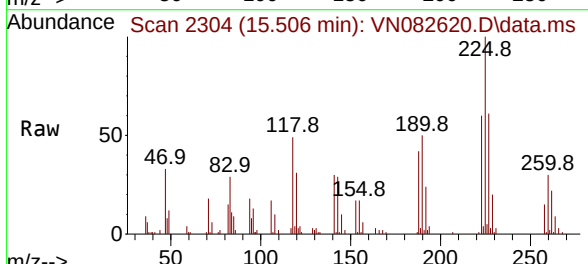
Manual Integrations
APPROVED

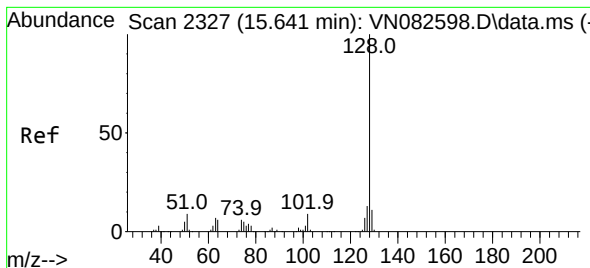
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#94
Hexachlorobutadiene
Concen: 39.982 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.001 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

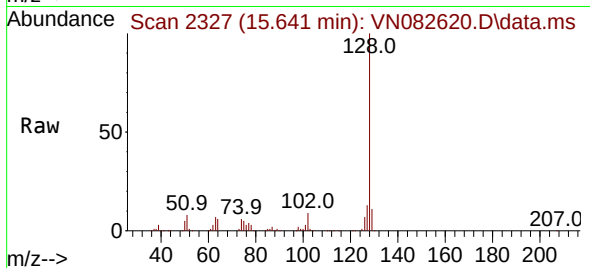
Tgt Ion:225 Resp: 54862
Ion Ratio Lower Upper
225 100
223 63.4 31.9 95.7
227 65.6 32.5 97.5





#95
Naphthalene
Concen: 49.090 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42

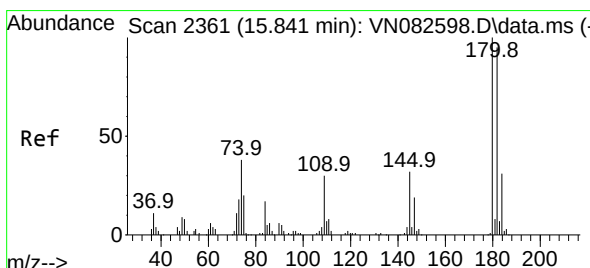
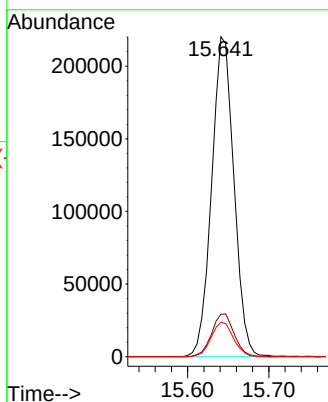
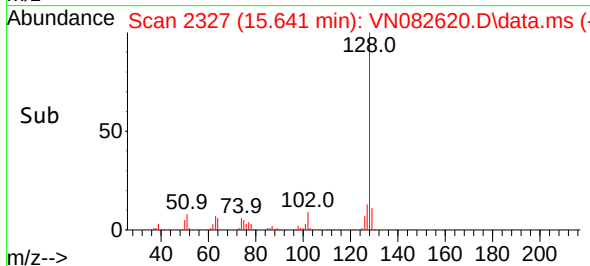
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



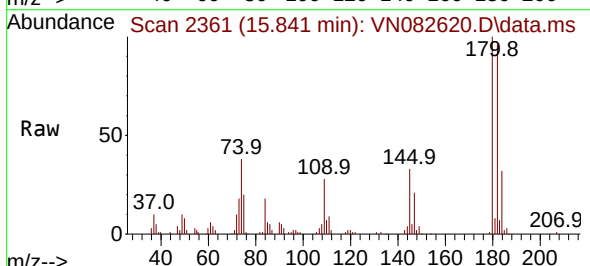
Tgt Ion:128 Resp: 420309
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.7 8.6 12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 45.356 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN082620.D
Acq: 18 Jun 2024 09:42



Tgt Ion:180 Resp: 128635
Ion Ratio Lower Upper
180 100
182 95.0 48.9 146.8
145 33.2 16.8 50.4

