

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010224\
 Data File : VN080630.D
 Acq On : 02 Jan 2024 17:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/03/2024
 Supervised By : Mahesh Dadoda 01/04/2024

Quant Time: Jan 03 01:48:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	393420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	632180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	590378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	275260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	231044	45.783	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.560%		
35) Dibromofluoromethane	8.165	113	193132	47.236	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.480%		
50) Toluene-d8	10.571	98	766090	53.664	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.320%		
62) 4-Bromofluorobenzene	12.847	95	281301	58.550	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	117.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	207546	47.490	ug/l	98
3) Chloromethane	2.365	50	276925	57.102	ug/l	100
4) Vinyl Chloride	2.518	62	250006	51.406	ug/l	96
5) Bromomethane	2.959	94	104617	56.608	ug/l	96
6) Chloroethane	3.124	64	157451	51.856	ug/l	99
7) Trichlorofluoromethane	3.500	101	317698	45.750	ug/l	100
8) Diethyl Ether	3.959	74	117446	49.249	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	167262	44.124	ug/l	95
10) Methyl Iodide	4.589	142	130075	49.666	ug/l	97
11) Tert butyl alcohol	5.512	59	124078	182.758	ug/l	99
12) 1,1-Dichloroethene	4.342	96	168816	46.429	ug/l	89
13) Acrolein	4.177	56	151916	197.907	ug/l	96
14) Allyl chloride	5.024	41	230480	41.753	ug/l	96
15) Acrylonitrile	5.712	53	415538	214.597	ug/l	98
16) Acetone	4.418	43	249440	181.834	ug/l	98
17) Carbon Disulfide	4.712	76	405875	41.510	ug/l	98
18) Methyl Acetate	5.024	43	327526	43.065	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	629454	48.085	ug/l	97
20) Methylene Chloride	5.277	84	203276	46.441	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	189763	43.194	ug/l #	83
22) Diisopropyl ether	6.671	45	572015	46.653	ug/l	92
23) Vinyl Acetate	6.600	43	1425526	209.623	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	357781	43.535	ug/l	98
25) 2-Butanone	7.477	43	460994	179.799	ug/l	89
26) 2,2-Dichloropropane	7.488	77	328052	45.857	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	232571	44.508	ug/l	92
28) Bromochloromethane	7.812	49	161763	42.332	ug/l	93
29) Tetrahydrofuran	7.835	42	319791	191.249	ug/l	86
30) Chloroform	7.965	83	388800	47.122	ug/l	91
31) Cyclohexane	8.259	56	268027	39.256	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	341881	45.953	ug/l	99
36) 1,1-Dichloropropene	8.371	75	279008	44.339	ug/l	97
37) Ethyl Acetate	7.559	43	201572	42.453	ug/l	98
38) Carbon Tetrachloride	8.365	117	297054	46.145	ug/l	97
39) Methylcyclohexane	9.600	83	280700	54.387	ug/l	88
40) Benzene	8.606	78	834710	45.523	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	121703	41.564	ug/l	91
42) 1,2-Dichloroethane	8.671	62	288213	49.433	ug/l	100
43) Isopropyl Acetate	8.688	43	352640	45.821	ug/l	98
44) Trichloroethene	9.353	130	217689	46.345	ug/l	98
45) 1,2-Dichloropropane	9.624	63	217039	50.751	ug/l	97
46) Dibromomethane	9.706	93	138053	47.980	ug/l #	87
47) Bromodichloromethane	9.888	83	315698	52.344	ug/l	100
48) Methyl methacrylate	9.682	41	208056	48.689	ug/l	88
49) 1,4-Dioxane	9.694	88	58168	851.648	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1088156	248.595	ug/l	99
52) Toluene	10.629	92	546891	54.661	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	338470	55.666	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	371961	54.659	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	217172	54.722	ug/l	97
56) Ethyl methacrylate	10.876	69	237353	61.057	ug/l #	88
57) 1,3-Dichloropropane	11.165	76	373476	55.541	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	854310	311.202	ug/l	94
59) 2-Hexanone	11.194	43	811627	246.014	ug/l	99
60) Dibromochloromethane	11.359	129	241266	54.594	ug/l	100
61) 1,2-Dibromoethane	11.471	107	210655	52.644	ug/l	98
64) Tetrachloroethene	11.106	164	186415	47.254	ug/l	96
65) Chlorobenzene	11.894	112	586742	47.774	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	225978	47.833	ug/l	96
67) Ethyl Benzene	11.965	91	1051624	51.217	ug/l	98
68) m/p-Xylenes	12.070	106	780375	102.431	ug/l	95
69) o-Xylene	12.400	106	380807	50.893	ug/l	95
70) Styrene	12.412	104	569207	52.312	ug/l	97
71) Bromoform	12.576	173	153242	45.855	ug/l #	100
73) Isopropylbenzene	12.694	105	970660	51.522	ug/l	99
74) N-amyl acetate	12.494	43	313069	47.103	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	284114	43.700	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	254999m	43.071	ug/l	
77) Bromobenzene	12.982	156	235053	46.975	ug/l	99
78) n-propylbenzene	13.035	91	1104112	51.248	ug/l	100
79) 2-Chlorotoluene	13.129	91	685455	48.735	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	816530	51.328	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	91930	42.061	ug/l	91
82) 4-Chlorotoluene	13.223	91	701143	48.745	ug/l	97
83) tert-Butylbenzene	13.441	119	677971	50.992	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	825572	51.253	ug/l	100
85) sec-Butylbenzene	13.617	105	902430	51.291	ug/l	99
86) p-Isopropyltoluene	13.729	119	798673	47.802	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	409629	45.424	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	414416	45.716	ug/l	99
89) n-Butylbenzene	14.059	91	693606	52.749	ug/l	99
90) Hexachloroethane	14.335	117	120164	43.752	ug/l	76
91) 1,2-Dichlorobenzene	14.106	146	400529	46.016	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	53809	40.100	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	234565	51.078	ug/l	97
94) Hexachlorobutadiene	15.506	225	111152	46.901	ug/l	98
95) Naphthalene	15.641	128	802887	56.175	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	222759	47.982	ug/l	97

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ClientSampleId :
VSTDCCC050EC

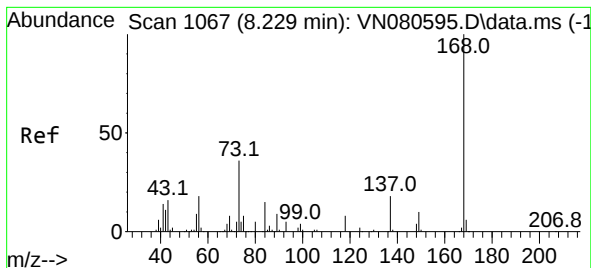
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

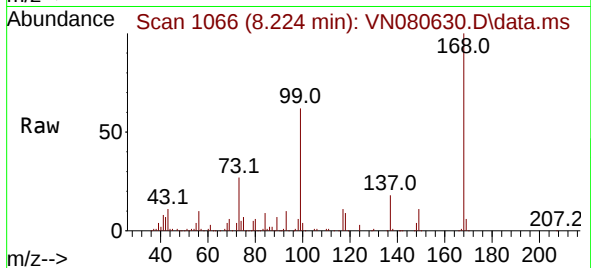
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

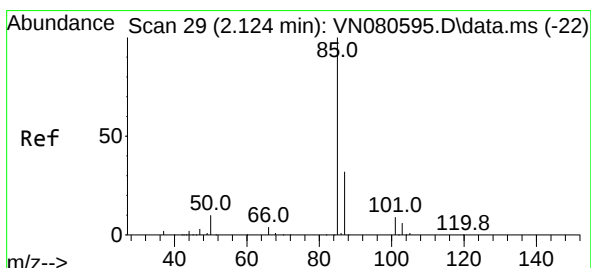
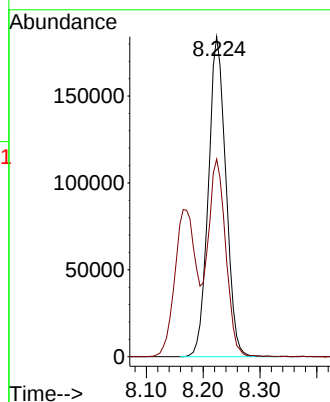
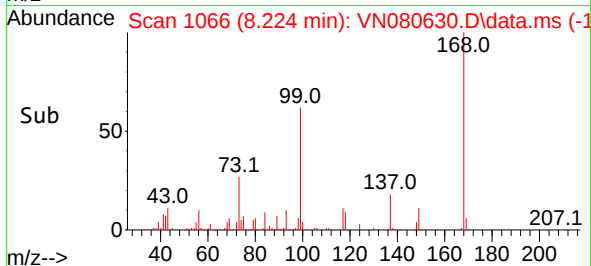
Instrument :
MSVOA_N
ClientSampleId :
VSTDC0050EC



Tgt Ion:168 Resp: 393420
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6

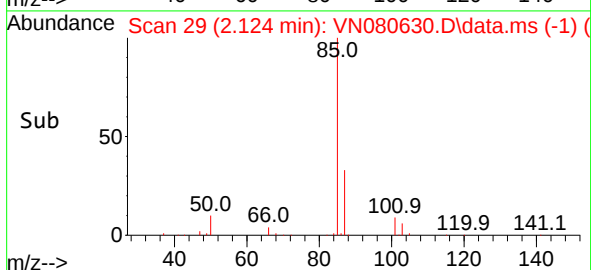
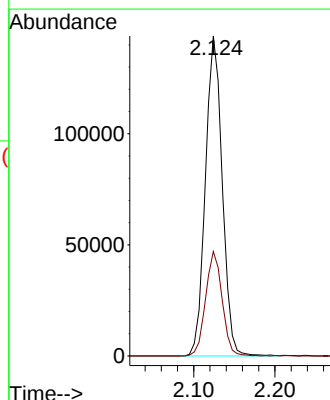
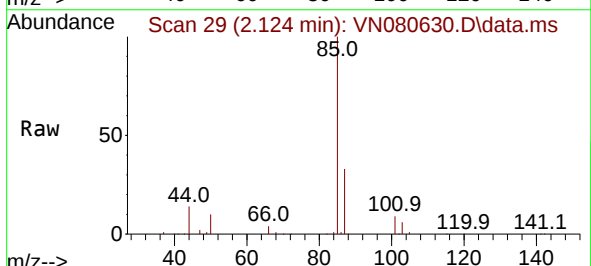
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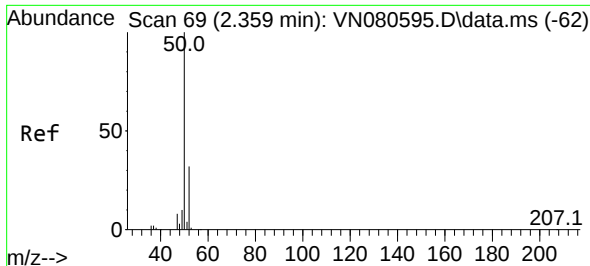
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#2
Dichlorodifluoromethane
Concen: 47.490 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

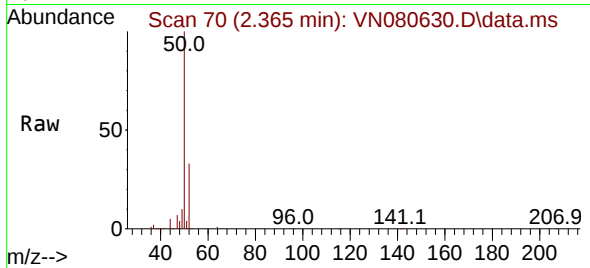
Tgt Ion: 85 Resp: 207546
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.4





#3
Chloromethane
Concen: 57.102 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

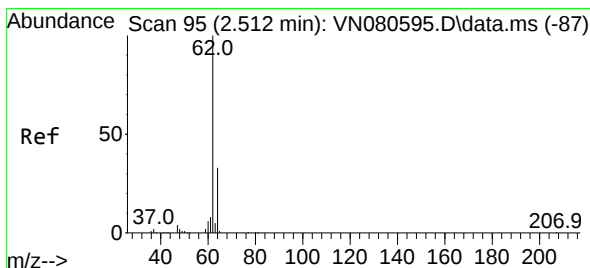
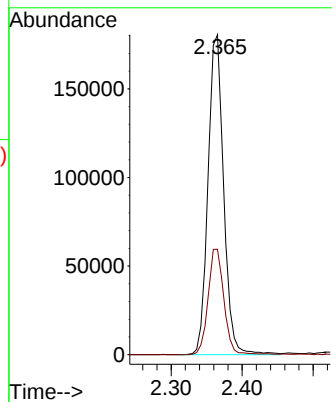
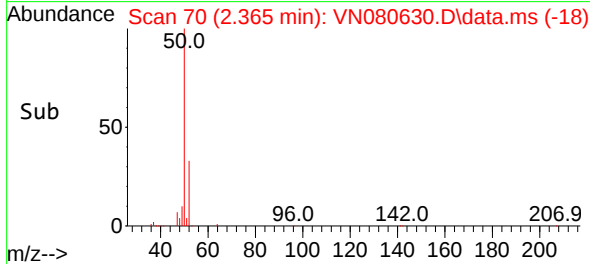
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 276925
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7

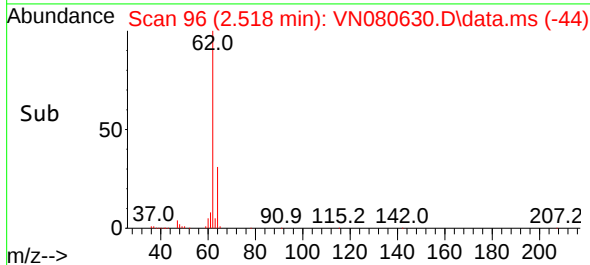
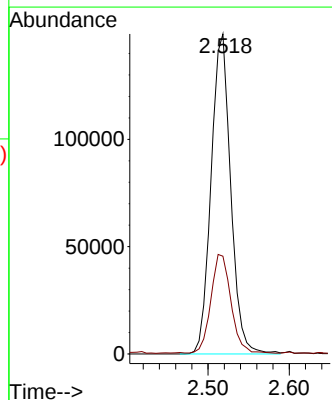
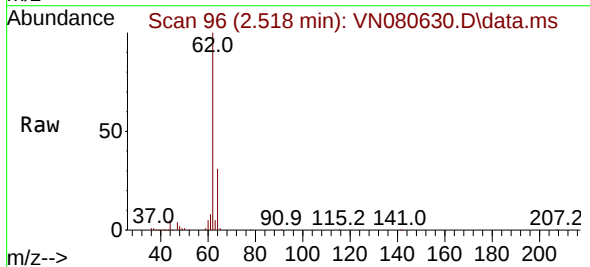
Manual Integrations
APPROVED

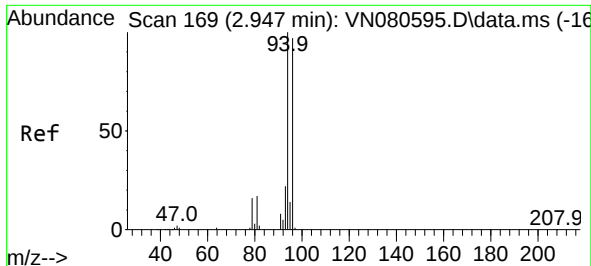
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#4
Vinyl Chloride
Concen: 51.406 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

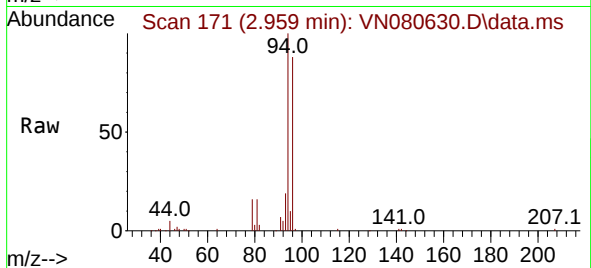
Tgt Ion: 62 Resp: 250006
Ion Ratio Lower Upper
62 100
64 30.3 26.2 39.2





#5
Bromomethane
Concen: 56.608 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

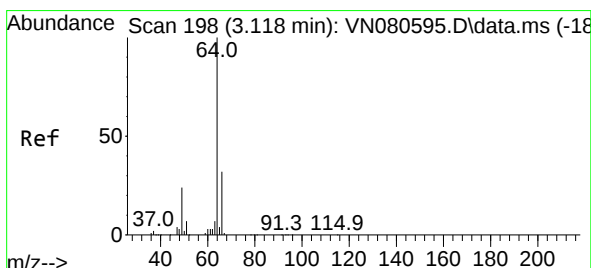
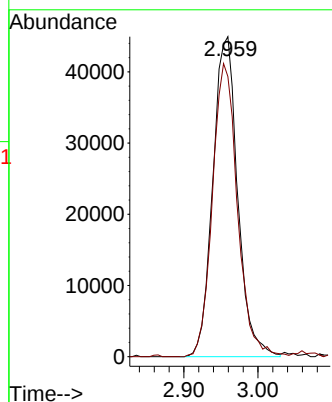
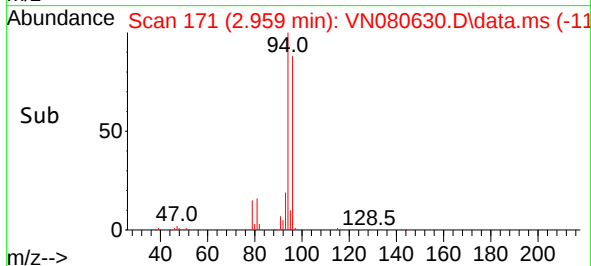
Instrument :
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Tgt Ion: 94 Resp: 10461
Ion Ratio Lower Upper
94 100
96 87.6 73.1 109.7

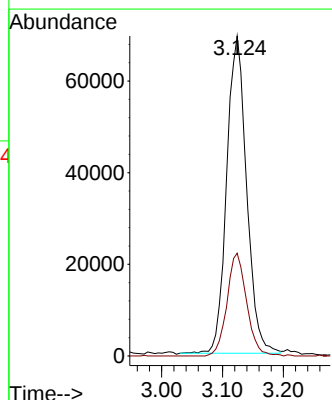
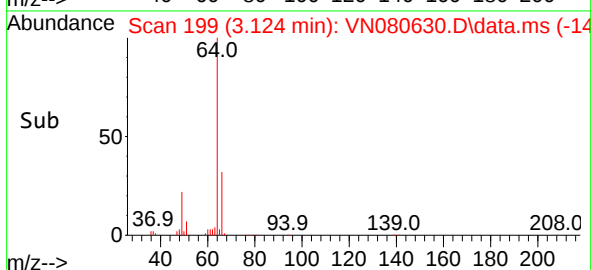
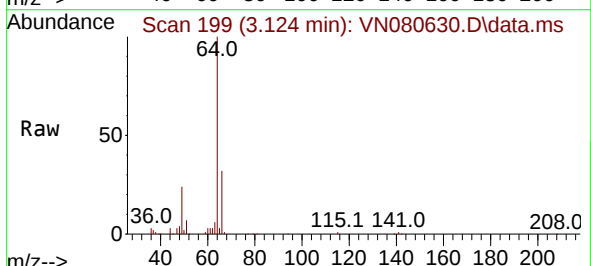
Manual Integrations
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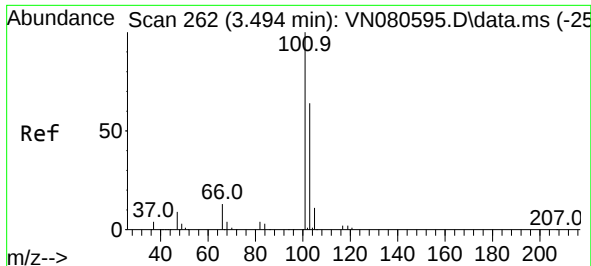
Reviewed By :John Carlone 01/03/2024
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#6
Chloroethane
Concen: 51.856 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080630.D
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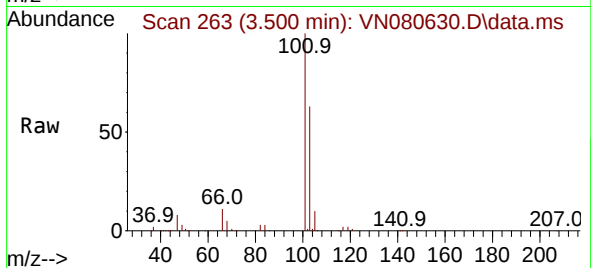
Tgt Ion: 64 Resp: 157451
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.2





#7
Trichlorofluoromethane
Concen: 45.750 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

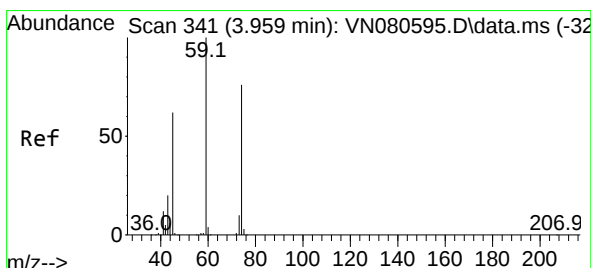
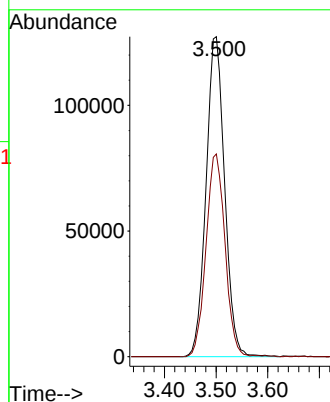
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 317698
Ion Ratio Lower Upper
101 100
103 63.3 50.7 76.1

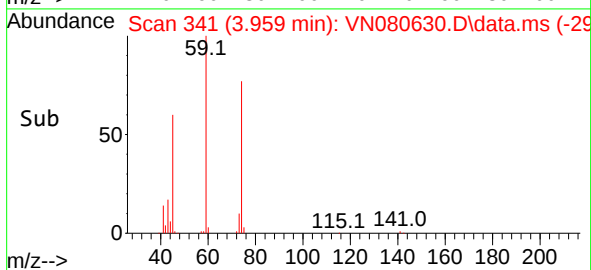
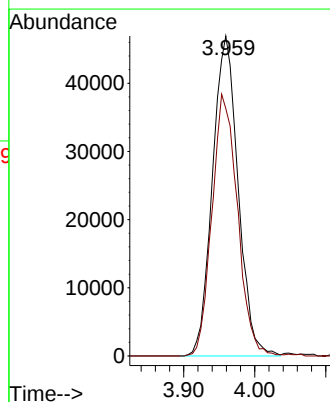
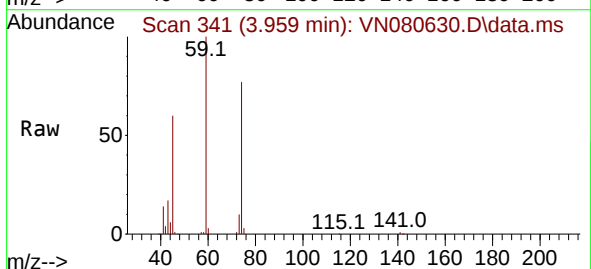
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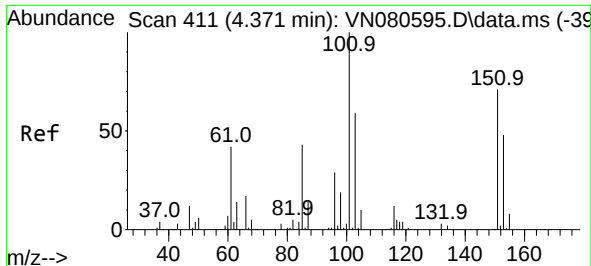
Reviewed By :John Carlone 01/03/2024
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#8
Diethyl Ether
Concen: 49.249 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080630.D
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Tgt Ion: 74 Resp: 117446
Ion Ratio Lower Upper
74 100
45 81.5 34.4 103.3





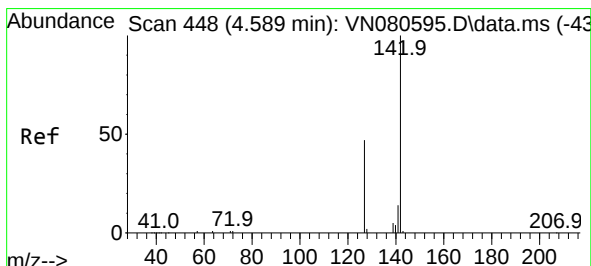
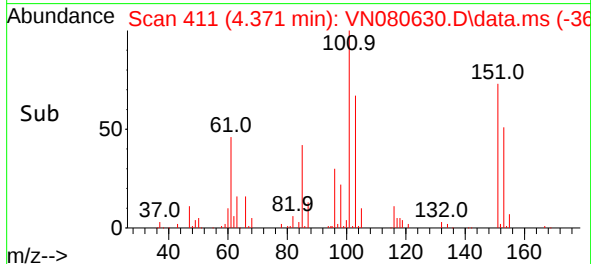
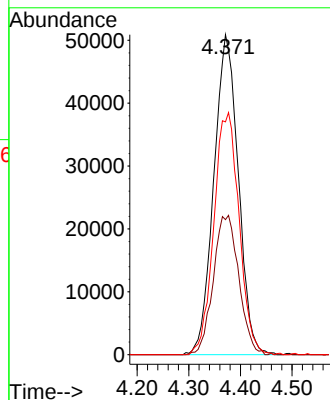
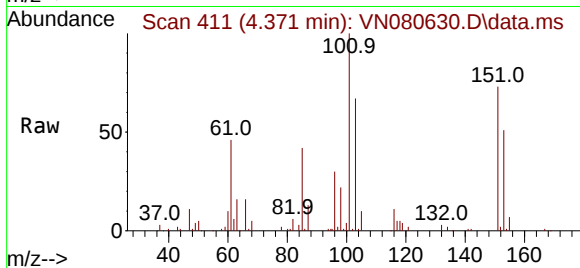
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.124 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 16726
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 78.1 57.6 86.4

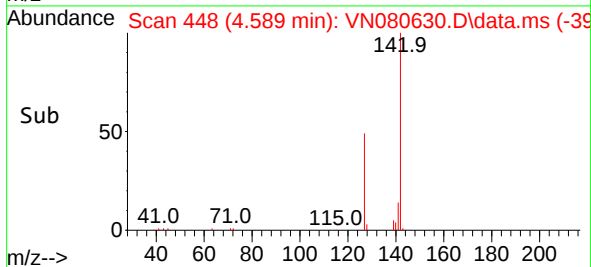
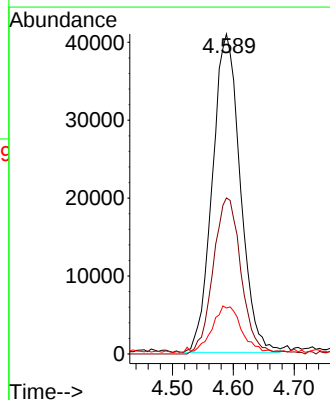
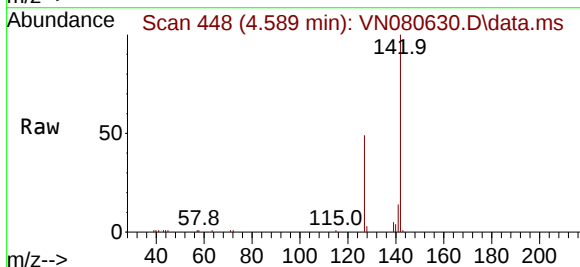
Manual Integrations
APPROVED

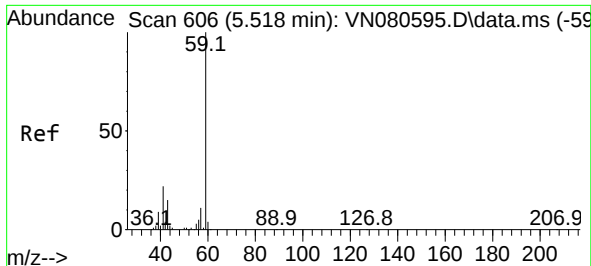
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#10
Methyl Iodide
Concen: 49.666 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

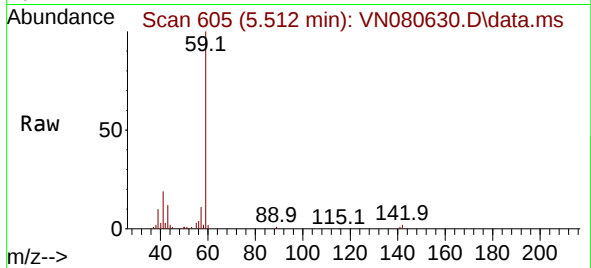
Tgt Ion:142 Resp: 130075
Ion Ratio Lower Upper
142 100
127 49.0 37.6 56.4
141 13.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 182.758 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

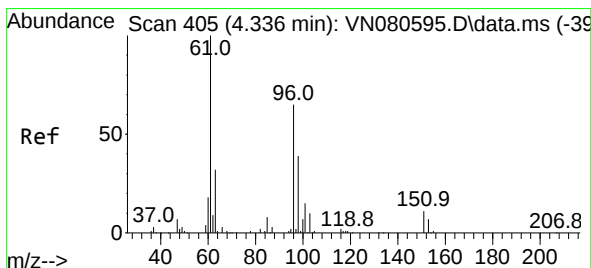
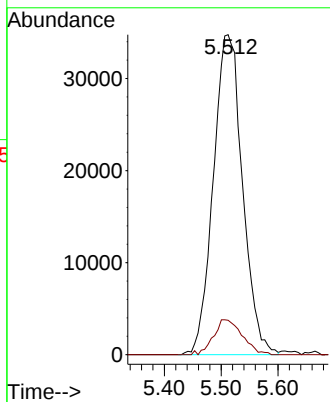
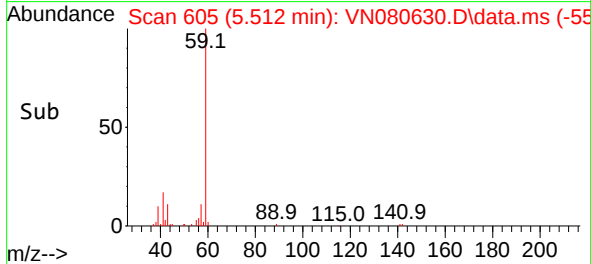
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



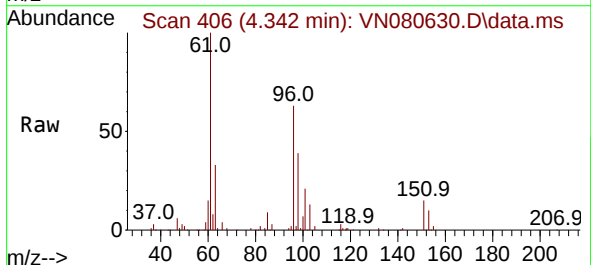
Tgt Ion: 59 Resp: 124078
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

Manual Integrations
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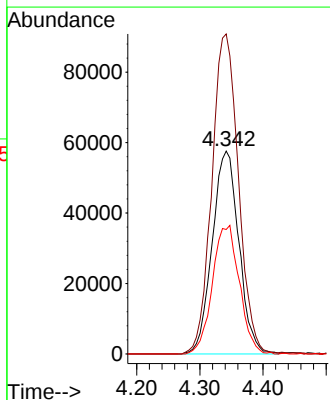
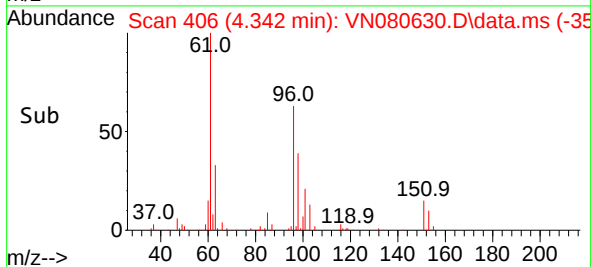
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

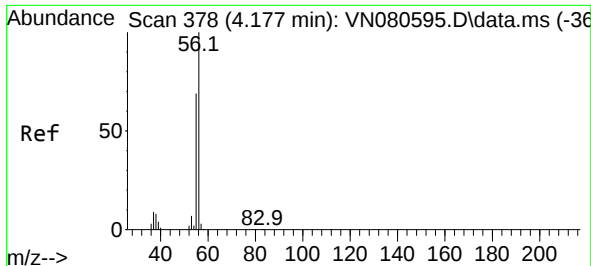


#12
1,1-Dichloroethene
Concen: 46.429 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20



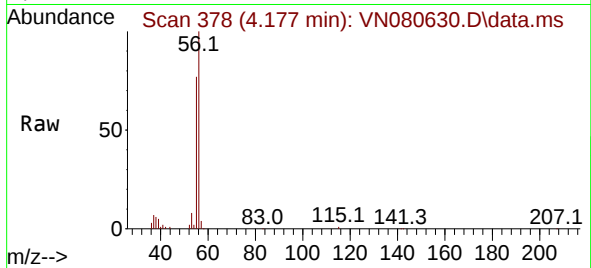
Tgt Ion: 96 Resp: 168816
Ion Ratio Lower Upper
96 100
61 157.8 112.7 169.1
98 61.4 51.2 76.8





#13
Acrolein
Concen: 197.907 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

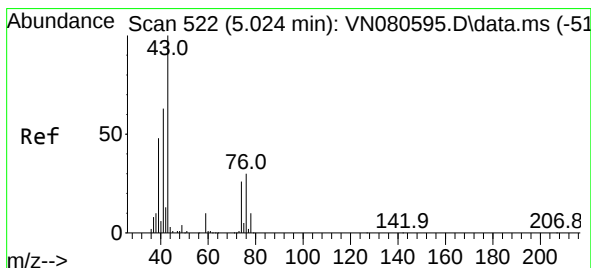
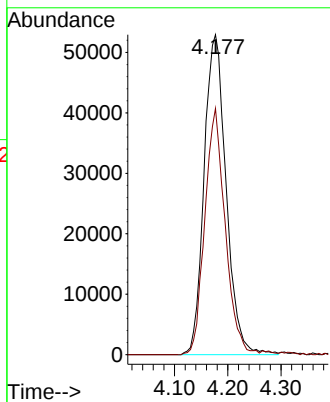
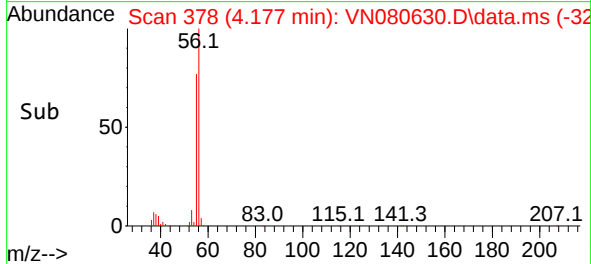
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 151910
Ion Ratio Lower Upper
56 100
55 71.2 54.5 81.7

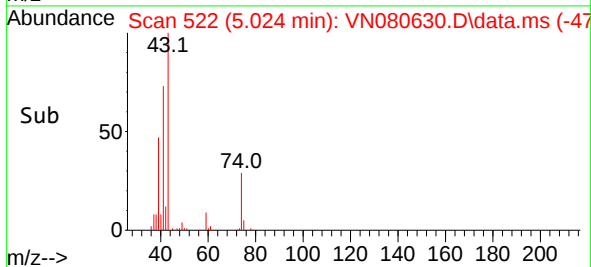
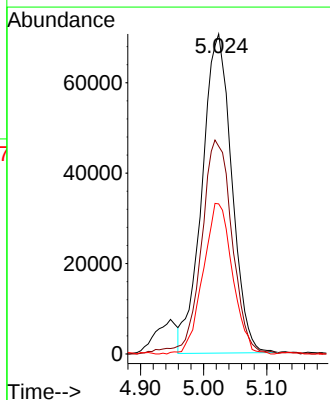
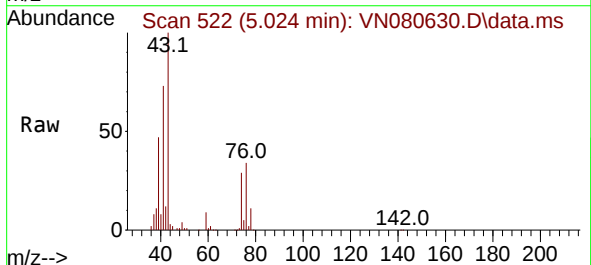
Manual Integrations
APPROVED

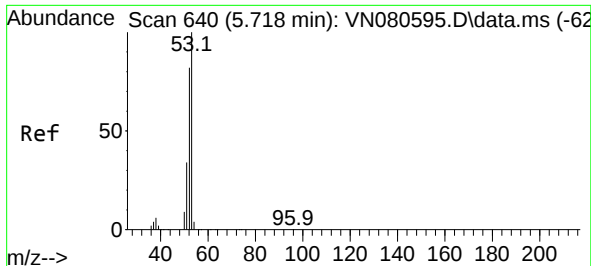
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#14
Allyl chloride
Concen: 41.753 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

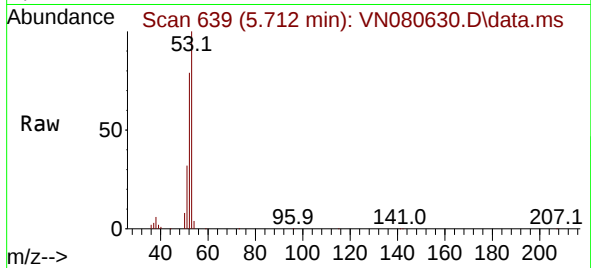
Tgt Ion: 41 Resp: 230480
Ion Ratio Lower Upper
41 100
39 69.7 58.8 88.2
76 46.7 39.1 58.7





#15
Acrylonitrile
Concen: 214.597 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

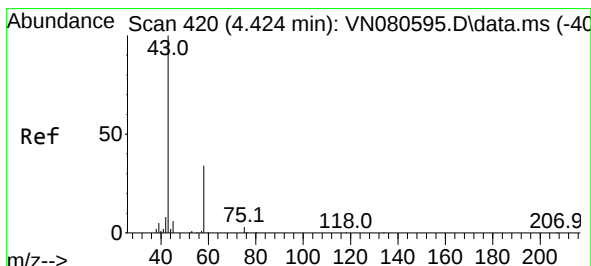
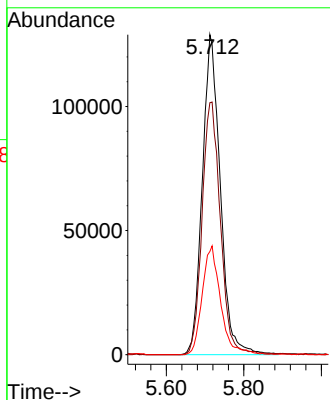
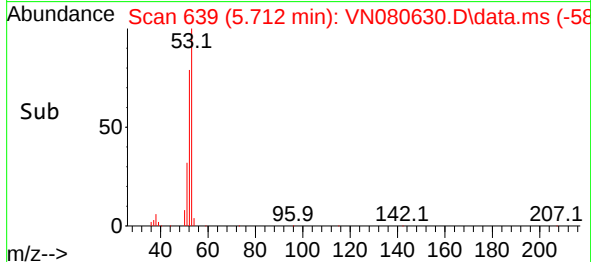
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



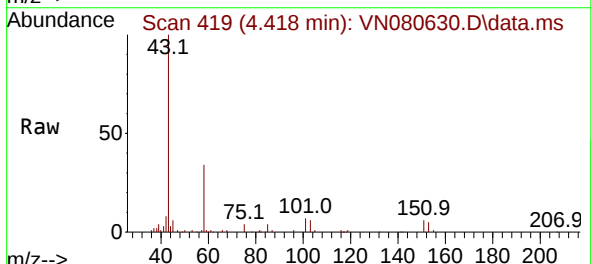
Tgt Ion: 53 Resp: 415538
Ion Ratio Lower Upper
53 100
52 80.4 65.3 97.9
51 34.8 28.9 43.3

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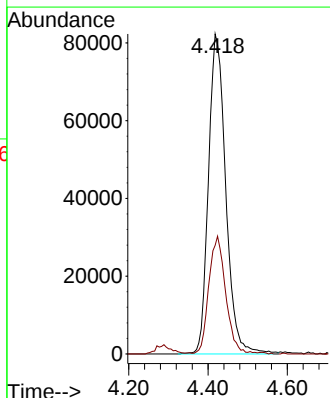
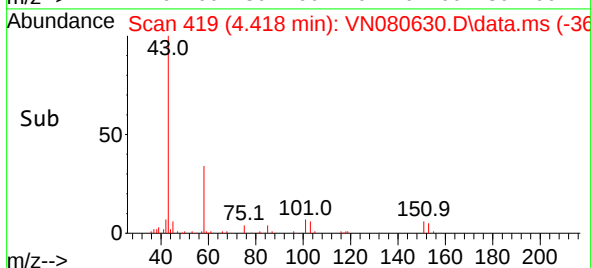
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

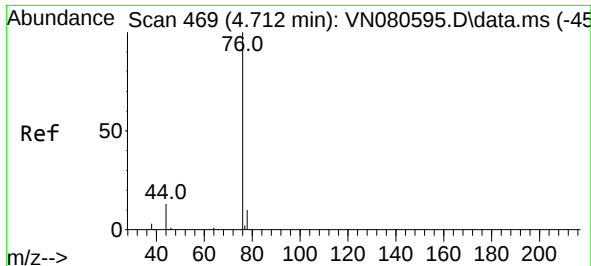


#16
Acetone
Concen: 181.834 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20



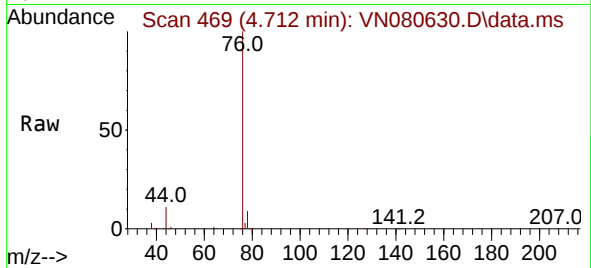
Tgt Ion: 43 Resp: 249440
Ion Ratio Lower Upper
43 100
58 34.0 28.0 42.0





#17
Carbon Disulfide
Concen: 41.510 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

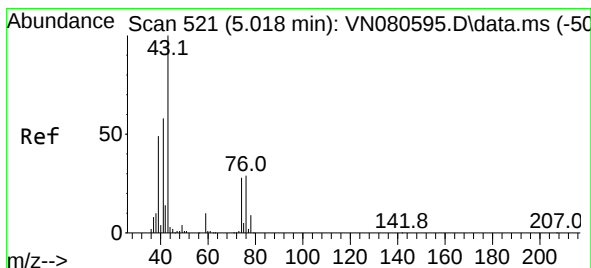
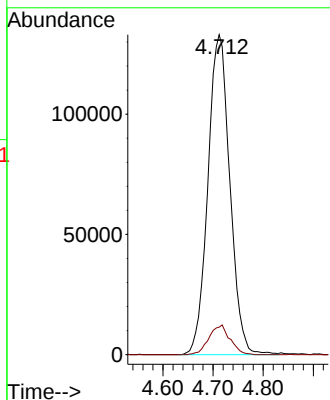
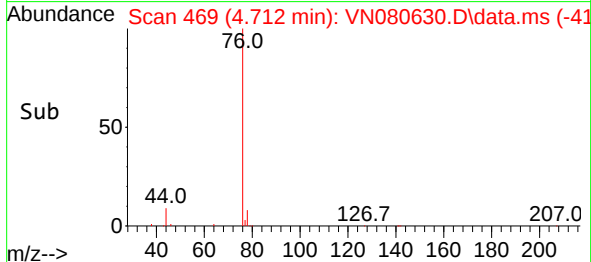
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 405875
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

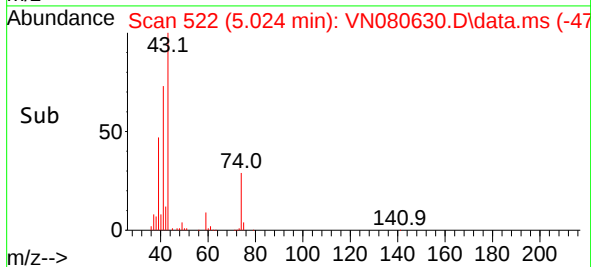
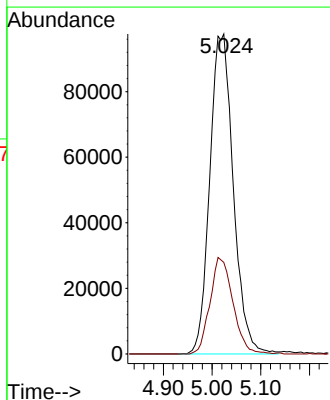
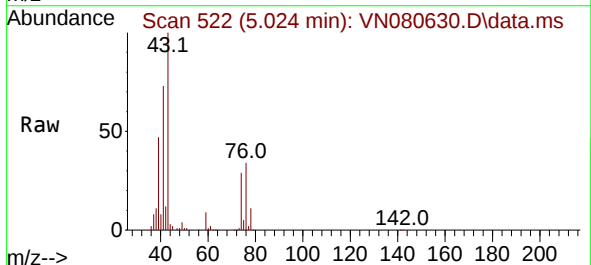
Manual Integrations
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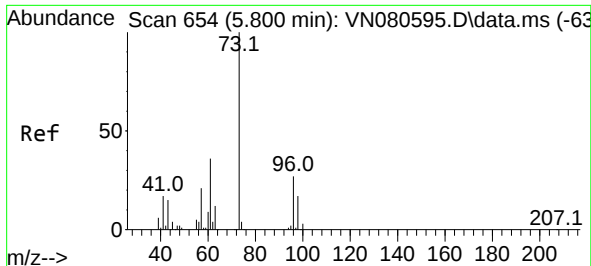
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#18
Methyl Acetate
Concen: 43.065 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

Tgt Ion: 43 Resp: 327526
Ion Ratio Lower Upper
43 100
74 29.3 26.2 39.4





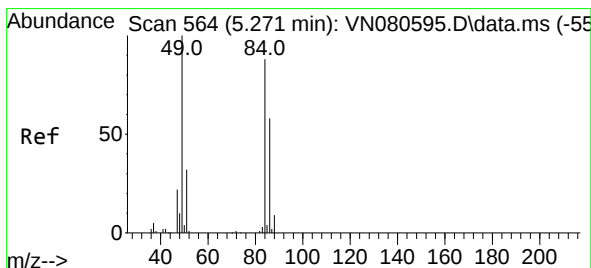
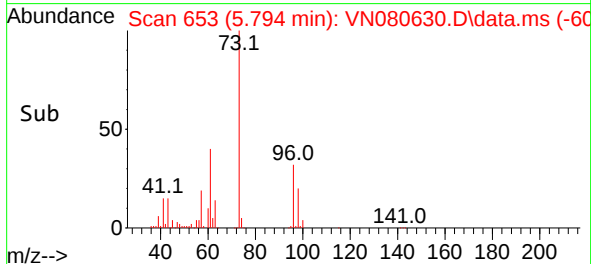
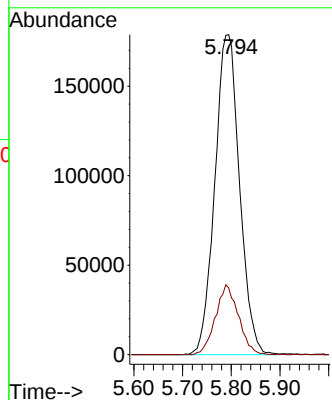
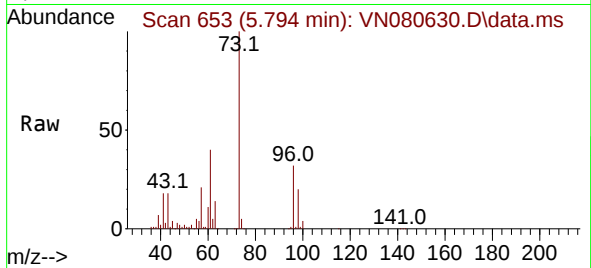
#19
Methyl tert-butyl Ether
Concen: 48.085 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 629454
Ion Ratio Lower Upper
73 100
57 20.9 15.6 23.4

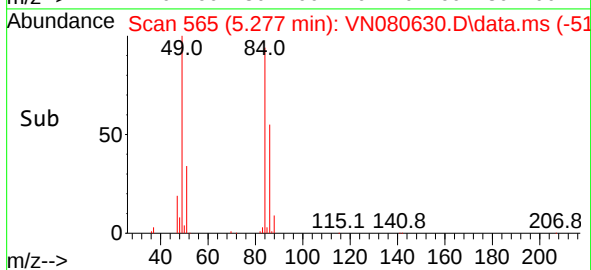
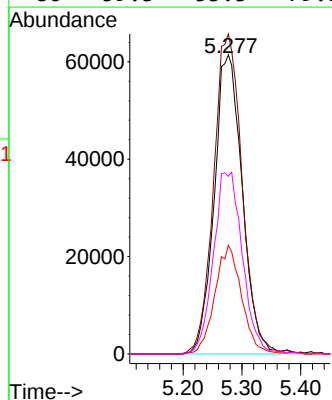
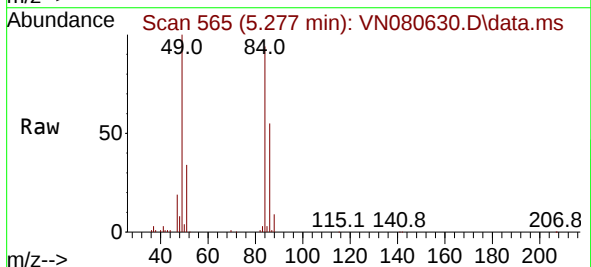
Manual Integrations
APPROVED

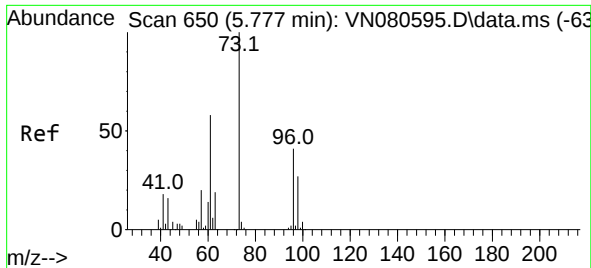
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#20
Methylene Chloride
Concen: 46.441 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

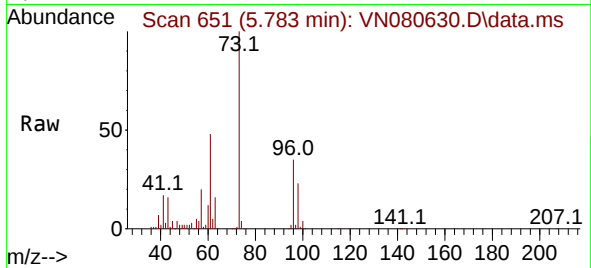
Tgt Ion: 84 Resp: 203276
Ion Ratio Lower Upper
84 100
49 106.9 79.7 119.5
51 36.3 25.2 37.8
86 59.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 43.194 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

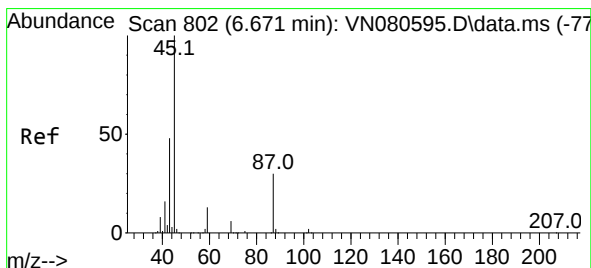
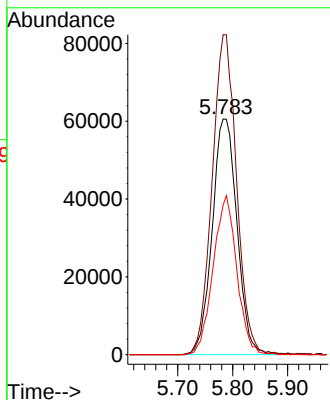
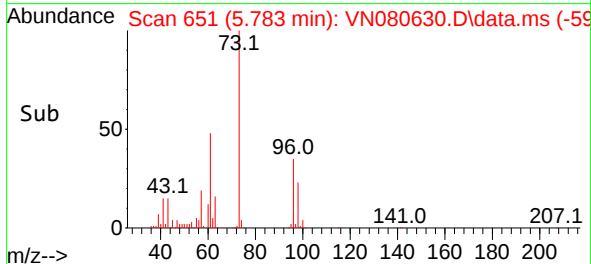
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 18976
Ion Ratio Lower Upper
96 100
61 135.7 90.1 135.1
98 63.5 46.4 69.6

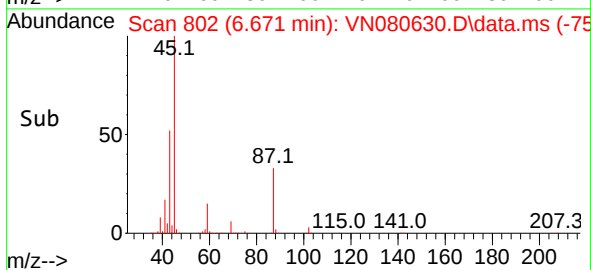
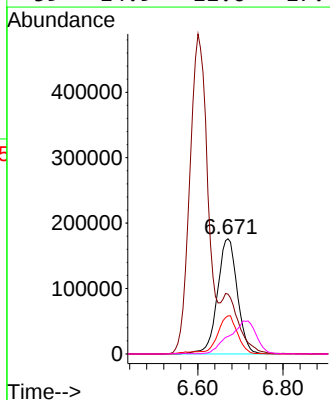
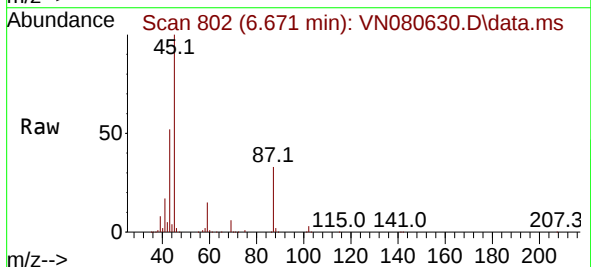
Manual Integrations
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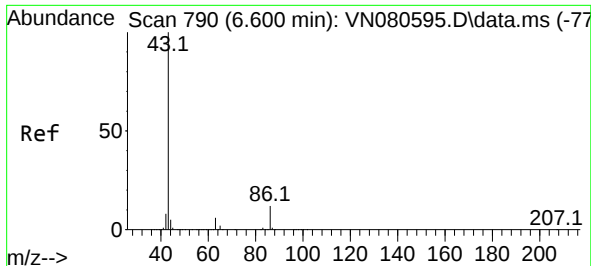
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#22
Diisopropyl ether
Concen: 46.653 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

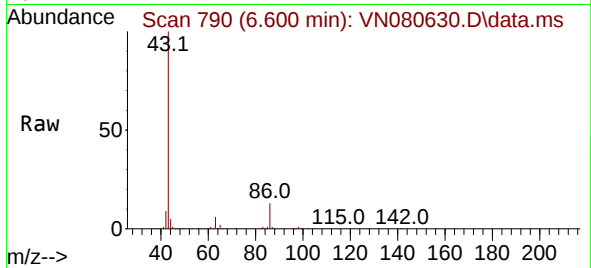
Tgt Ion: 45 Resp: 572015
Ion Ratio Lower Upper
45 100
43 51.3 45.5 68.3
87 33.0 31.8 47.8
59 14.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 209.623 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080630.D
 Acq: 02 Jan 2024 17:20

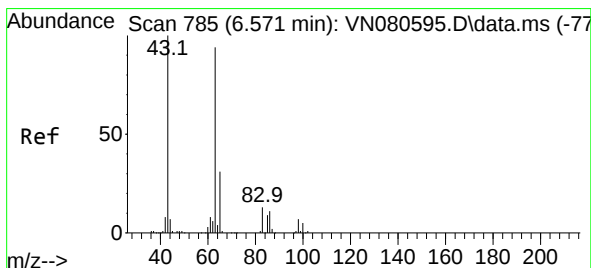
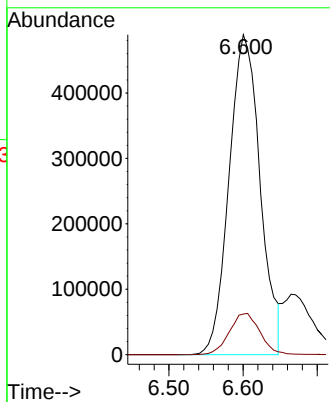
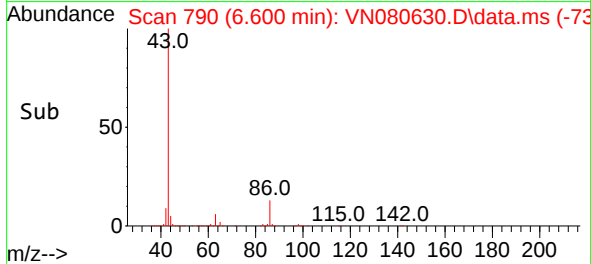
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 1425520
 Ion Ratio Lower Upper
 43 100
 86 12.7 13.0 19.6

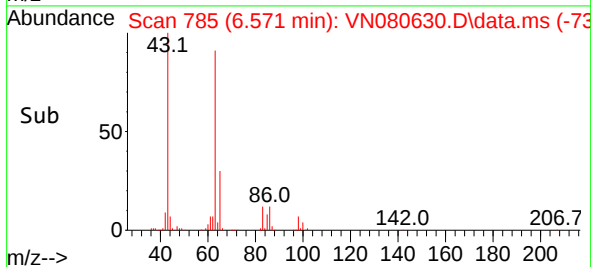
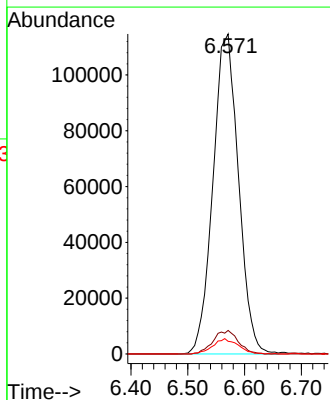
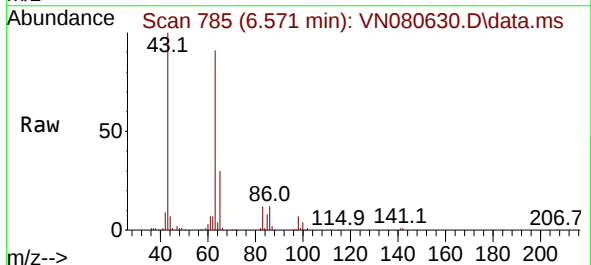
Manual Integrations
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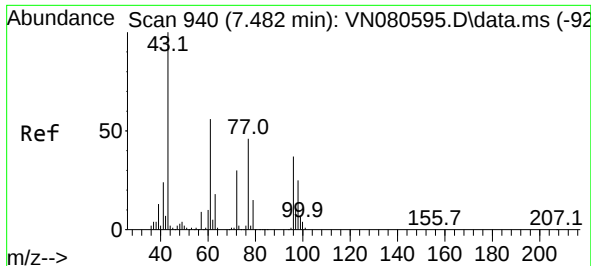
Reviewed By :John Carlone 01/03/2024
 Supervised By :Mahesh Dadoda 01/04/2024



#24
 1,1-Dichloroethane
 Concen: 43.535 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN080630.D
 Acq: 02 Jan 2024 17:20

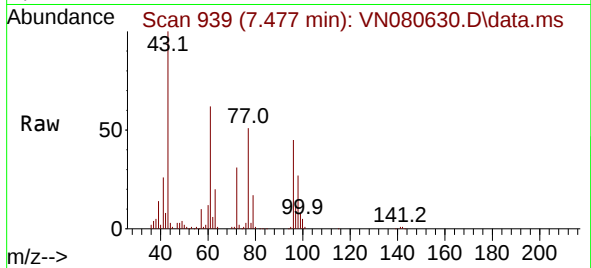
Tgt Ion: 63 Resp: 357781
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.0 2.5 7.4





#25
2-Butanone
Concen: 179.799 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

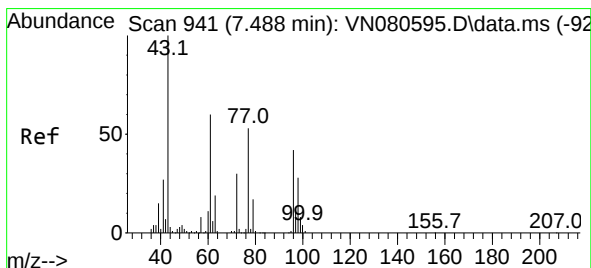
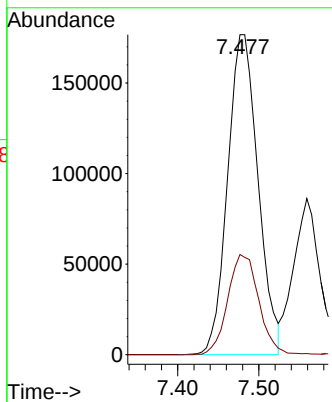
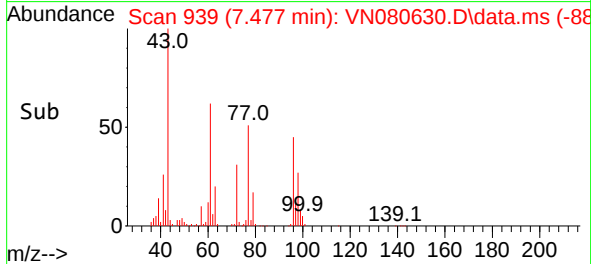
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 460994
Ion Ratio Lower Upper
43 100
72 31.3 30.2 45.2

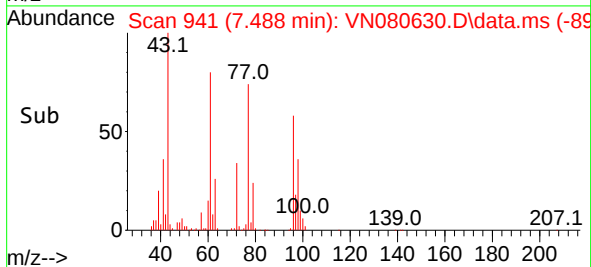
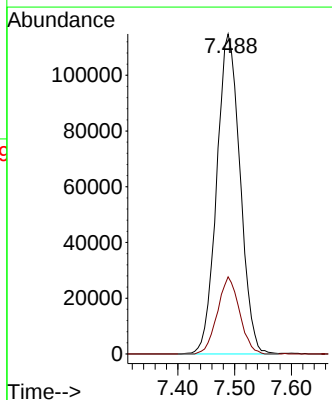
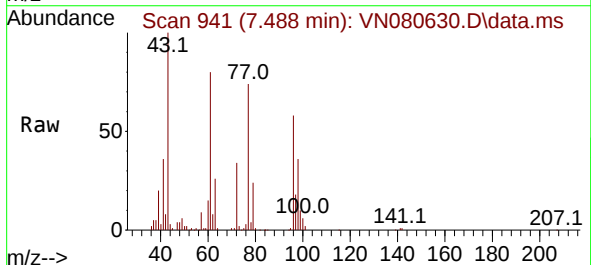
Manual Integrations
APPROVED

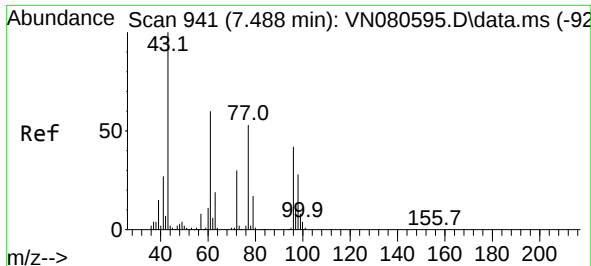
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#26
2,2-Dichloropropane
Concen: 45.857 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

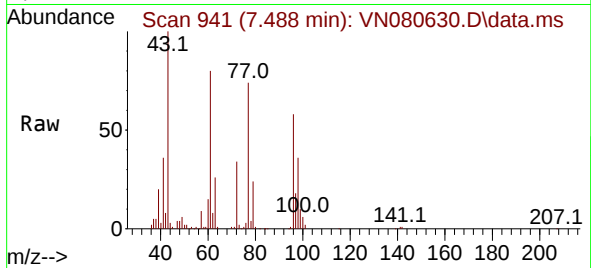
Tgt Ion: 77 Resp: 328052
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 44.508 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080630.D
 Acq: 02 Jan 2024 17:20

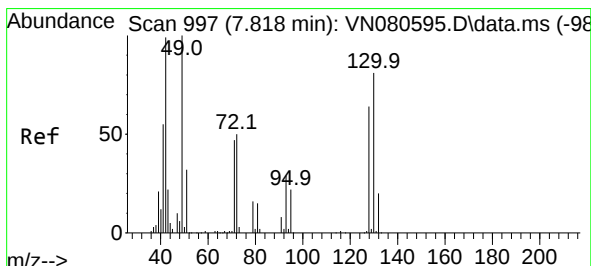
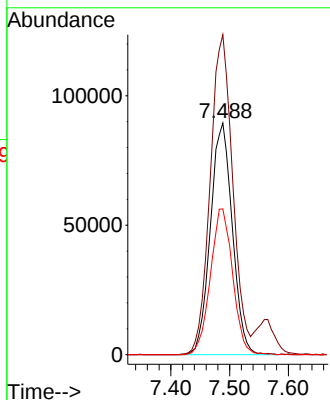
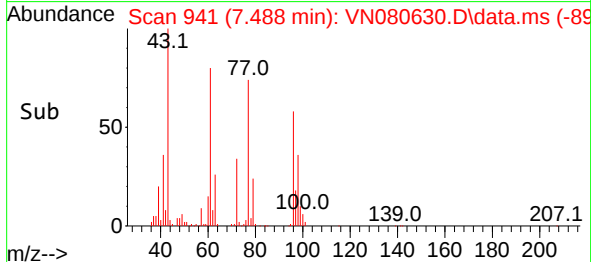
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 23257
 Ion Ratio Lower Upper
 96 100
 61 141.3 0.0 255.2
 98 63.7 0.0 128.8

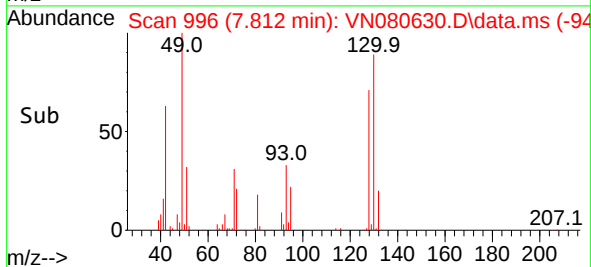
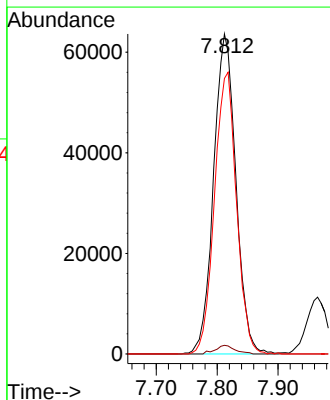
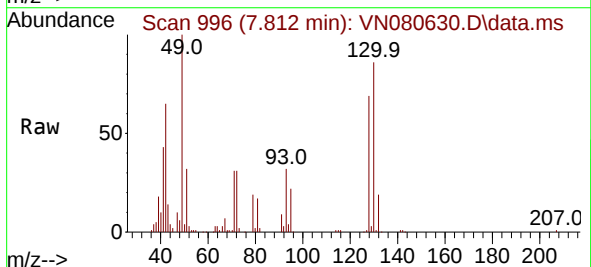
Manual Integrations
 APPROVED

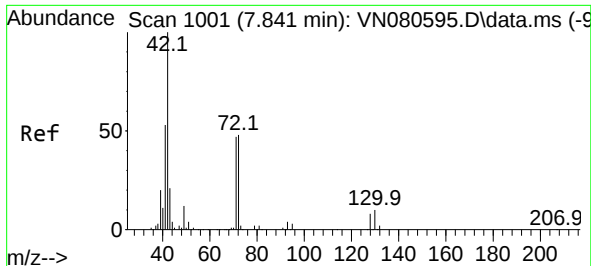
Reviewed By :John Carlone 01/03/2024
 Supervised By :Mahesh Dadoda 01/04/2024



#28
 Bromochloromethane
 Concen: 42.332 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080630.D
 Acq: 02 Jan 2024 17:20

Tgt Ion: 49 Resp: 161763
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 87.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 191.249 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN080630.D

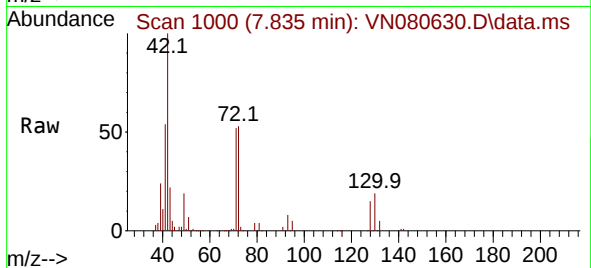
Acq: 02 Jan 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



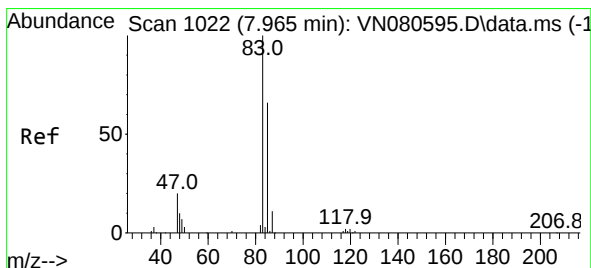
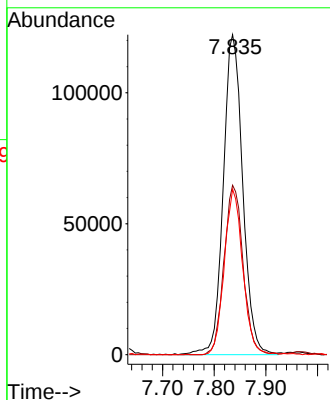
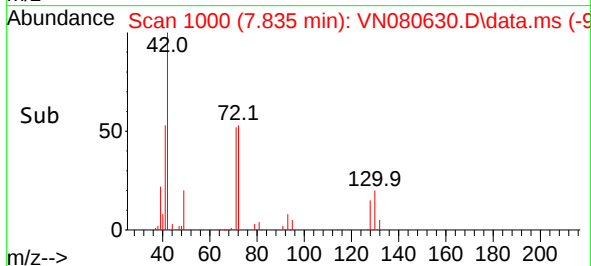
Tgt Ion:	42	Resp:	31979
Ion Ratio	Lower	Upper	
42	100		
72	51.7	49.8	74.6
71	49.0	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#30

Chloroform

Concen: 47.122 ug/l

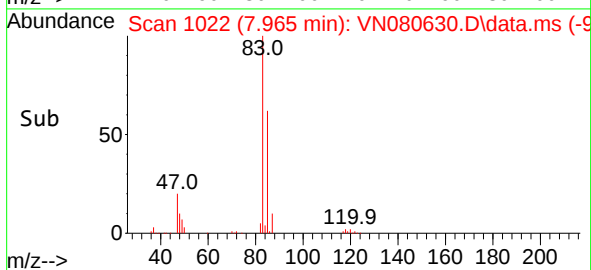
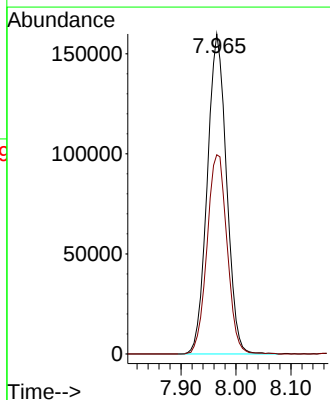
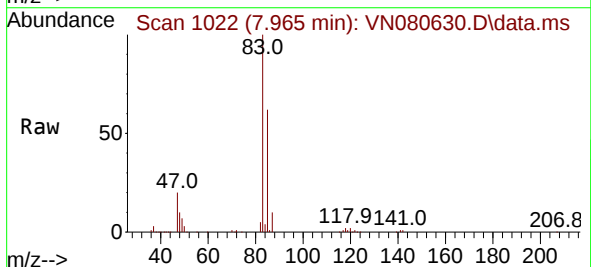
RT: 7.965 min Scan# 1022

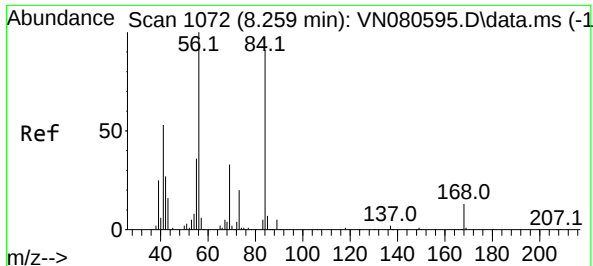
Delta R.T. 0.000 min

Lab File: VN080630.D

Acq: 02 Jan 2024 17:20

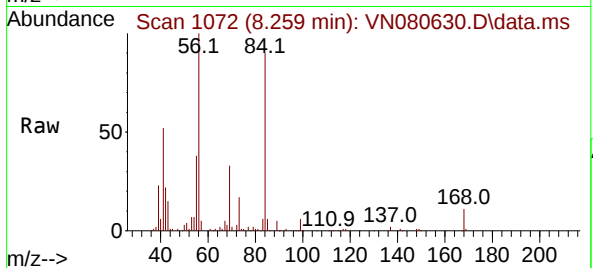
Tgt Ion:	83	Resp:	388800
Ion Ratio	Lower	Upper	
83	100		
85	62.2	55.4	83.0





#31
Cyclohexane
Concen: 39.256 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

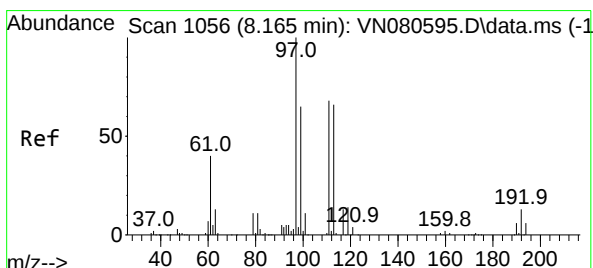
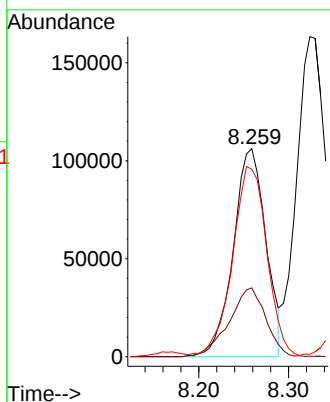
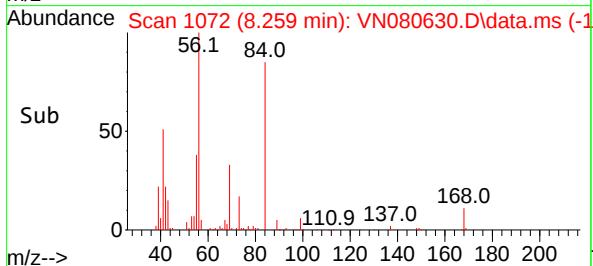
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



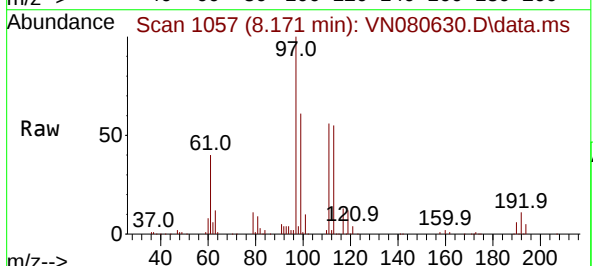
Tgt Ion: 56 Resp: 26802
Ion Ratio Lower Upper
56 100
69 33.1 26.8 40.2
84 88.4 81.8 122.6

Manual Integrations
APPROVED

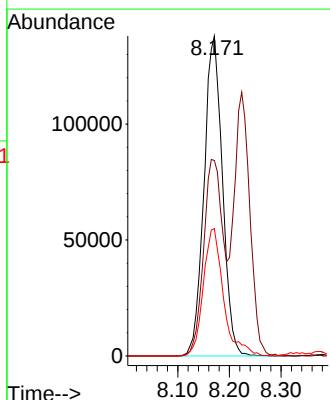
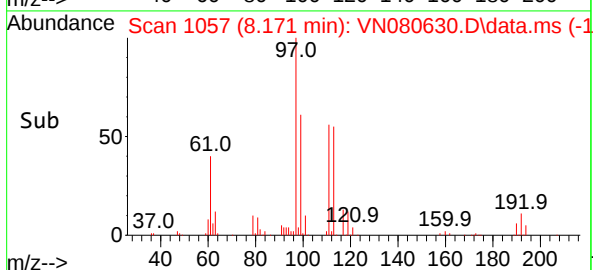
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

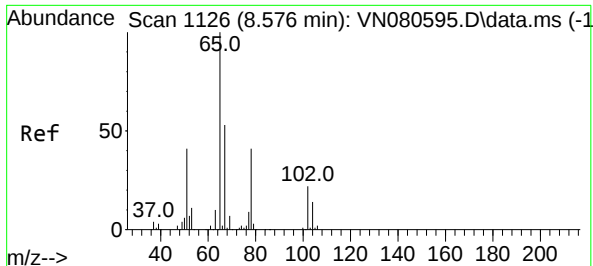


#32
1,1,1-Trichloroethane
Concen: 45.953 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20



Tgt Ion: 97 Resp: 341881
Ion Ratio Lower Upper
97 100
99 63.5 50.3 75.5
61 43.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 45.783 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080630.D

Acq: 02 Jan 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 231044

Ion Ratio Lower Upper

65 100

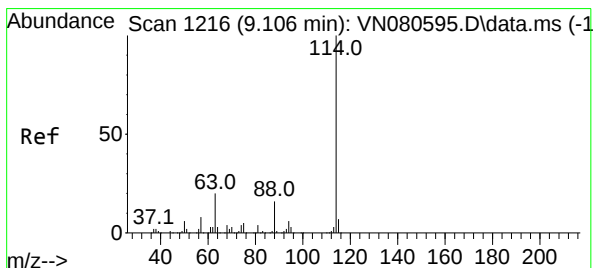
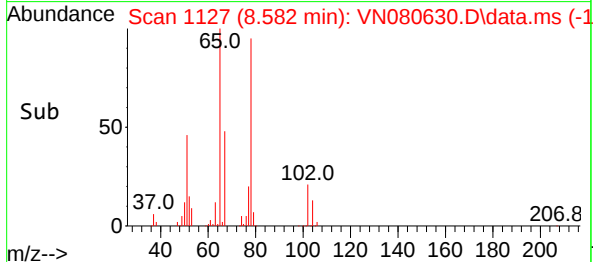
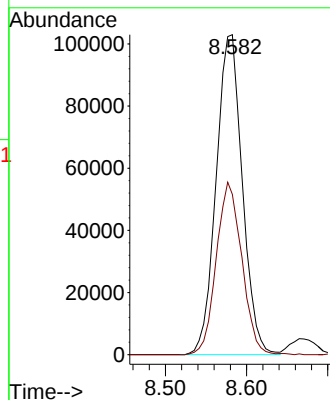
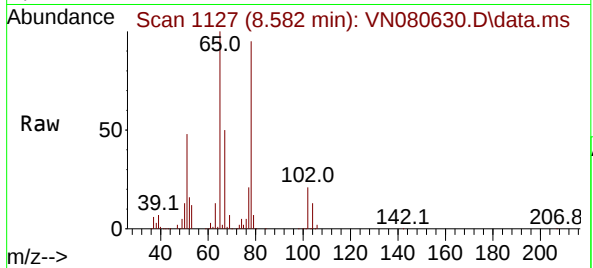
67 52.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080630.D

Acq: 02 Jan 2024 17:20

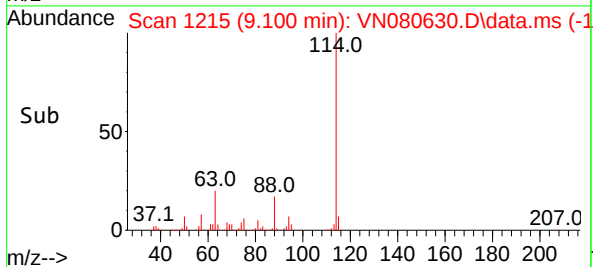
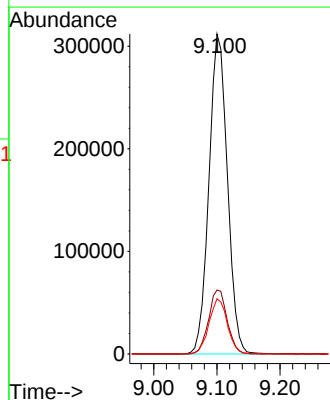
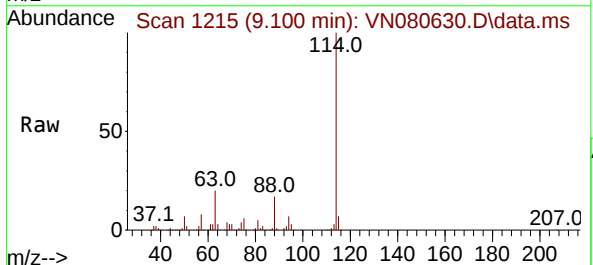
Tgt Ion:114 Resp: 632180

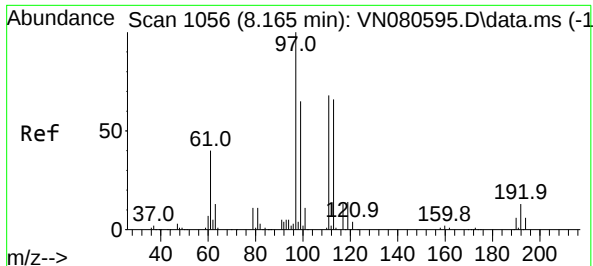
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

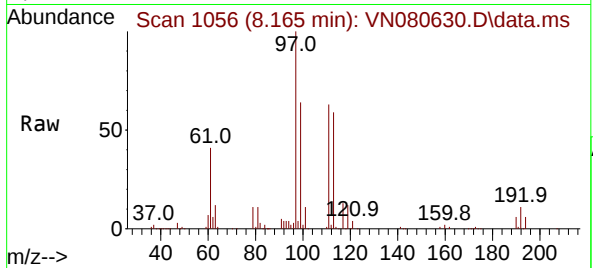
88 17.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 47.236 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

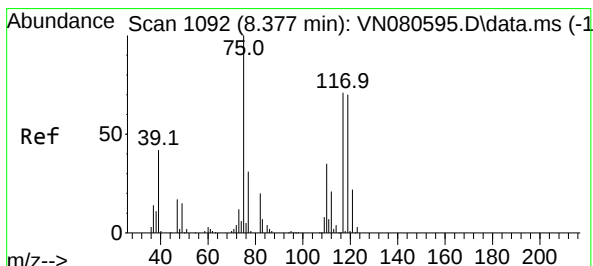
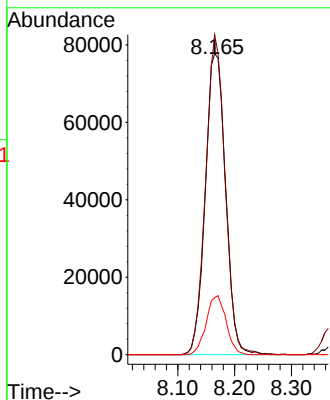
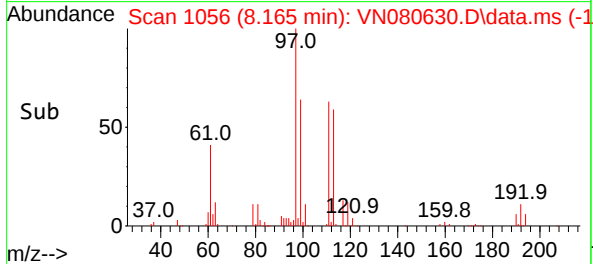
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 193132
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 19.1 12.7 19.1

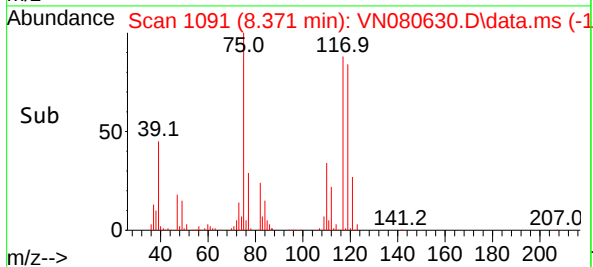
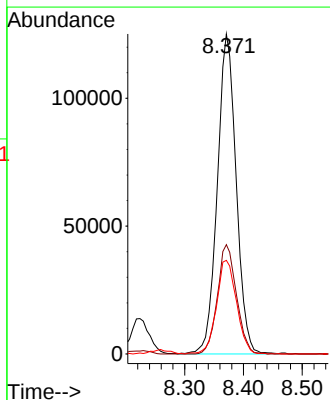
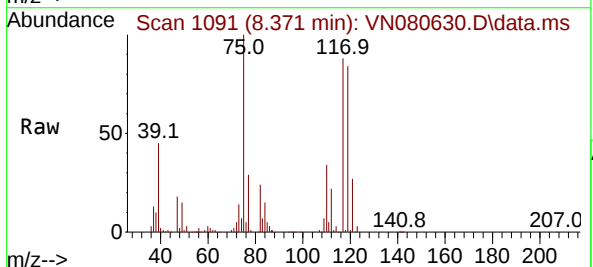
Manual Integrations
APPROVED

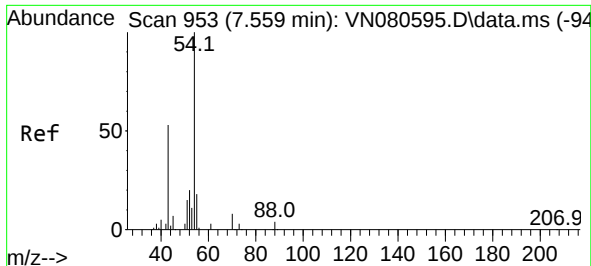
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#36
1,1-Dichloropropene
Concen: 44.339 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

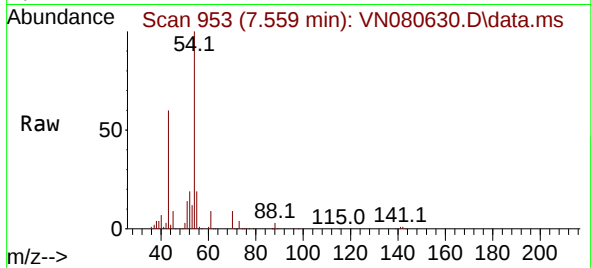
Tgt Ion: 75 Resp: 279008
Ion Ratio Lower Upper
75 100
110 34.6 19.1 57.3
77 31.0 25.0 37.4





#37
Ethyl Acetate
Concen: 42.453 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

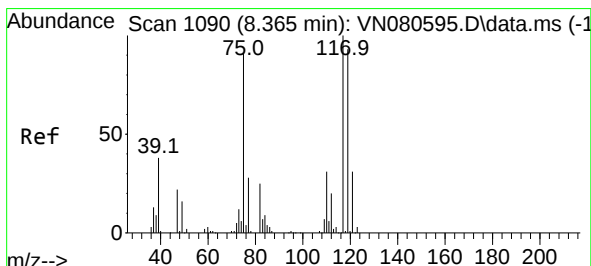
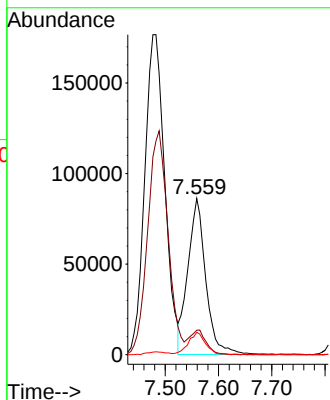
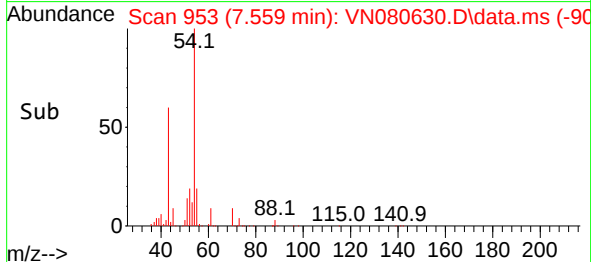
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 201572
Ion Ratio Lower Upper
43 100
61 15.0 13.2 19.8
70 13.7 11.3 16.9

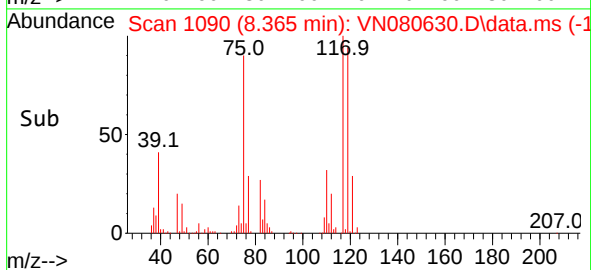
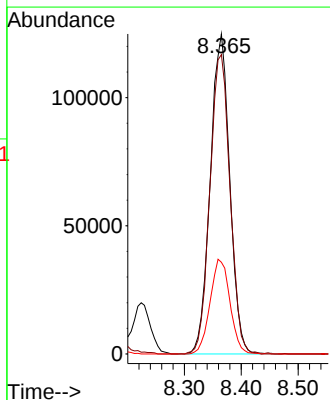
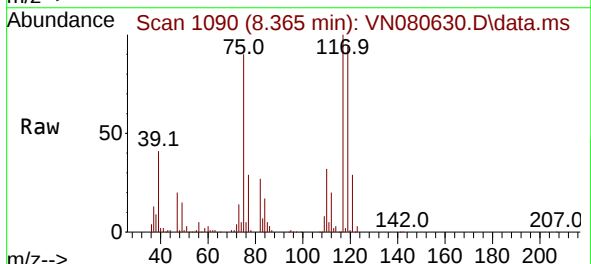
Manual Integrations
APPROVED

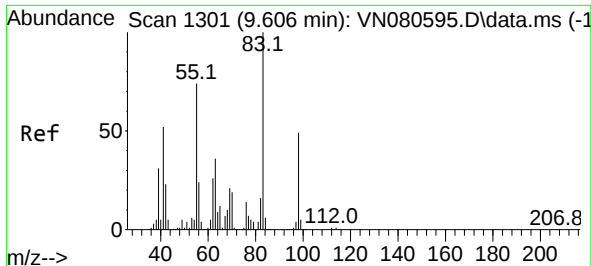
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#38
Carbon Tetrachloride
Concen: 46.145 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

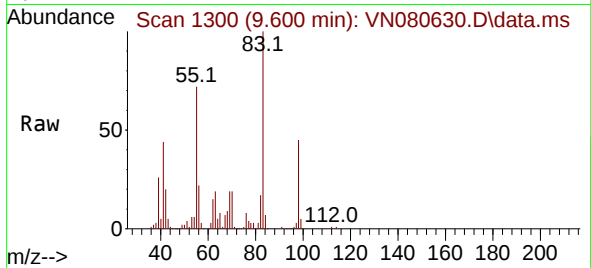
Tgt Ion:117 Resp: 297054
Ion Ratio Lower Upper
117 100
119 93.6 77.3 115.9
121 28.7 23.3 34.9





#39
Methylcyclohexane
Concen: 54.387 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

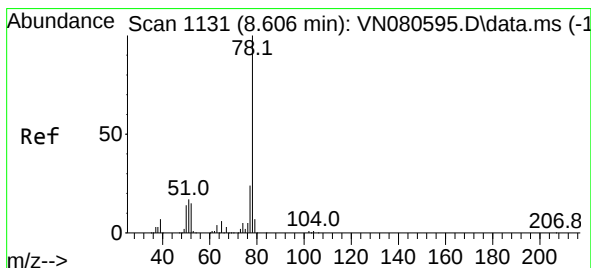
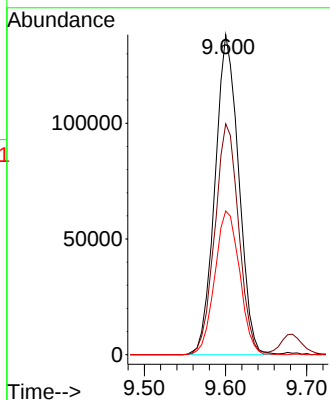
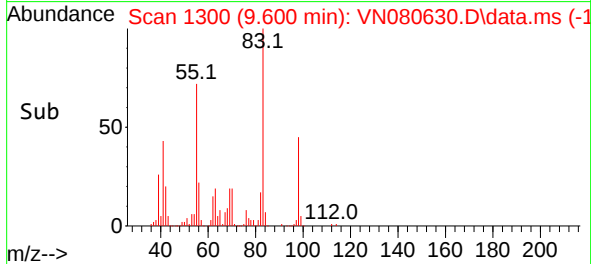
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 280700
Ion Ratio Lower Upper
83 100
55 72.1 49.1 73.7
98 44.9 40.6 61.0

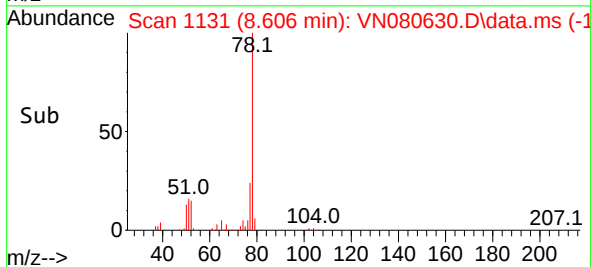
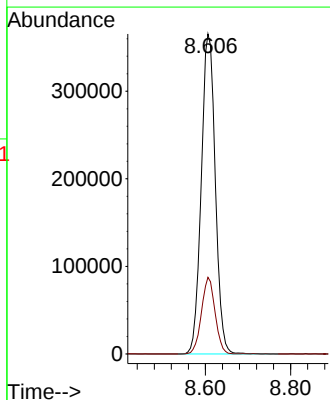
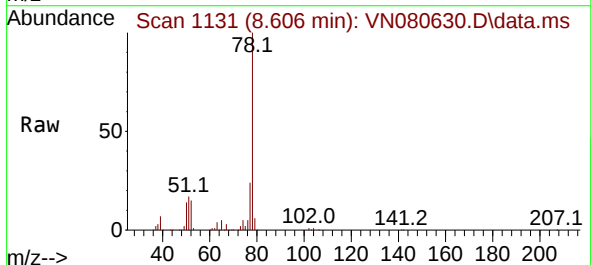
Manual Integrations
APPROVED

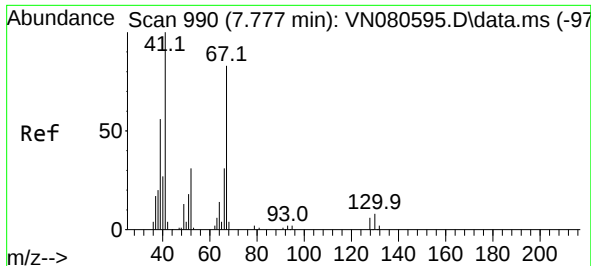
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#40
Benzene
Concen: 45.523 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

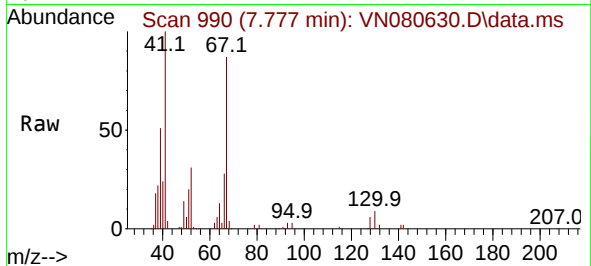
Tgt Ion: 78 Resp: 834710
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





#41
Methacrylonitrile
Concen: 41.564 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

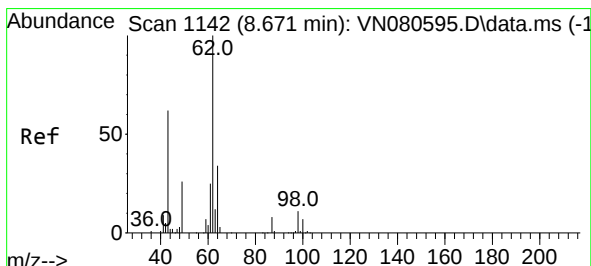
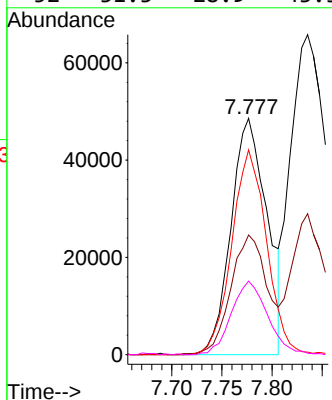
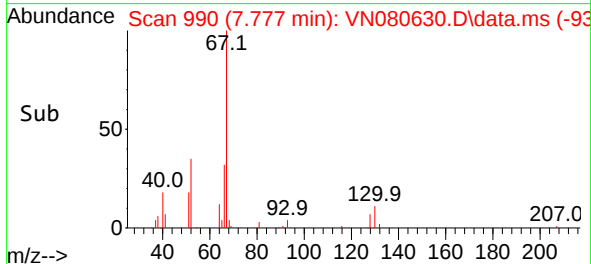
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 12170
Ion Ratio Lower Upper
41 100
39 51.4 42.6 64.0
67 84.4 77.5 116.3
52 31.3 28.9 43.3

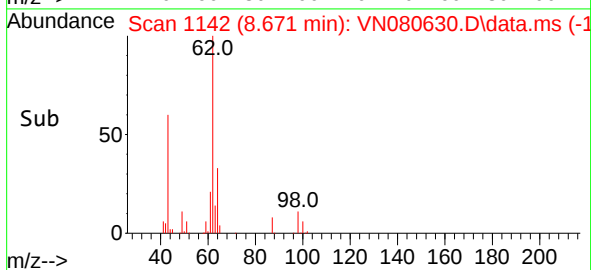
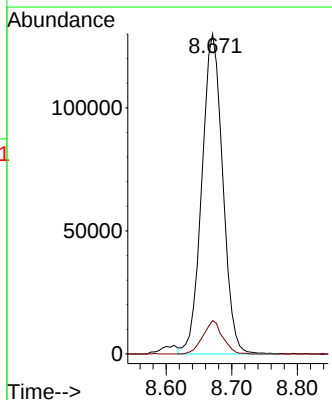
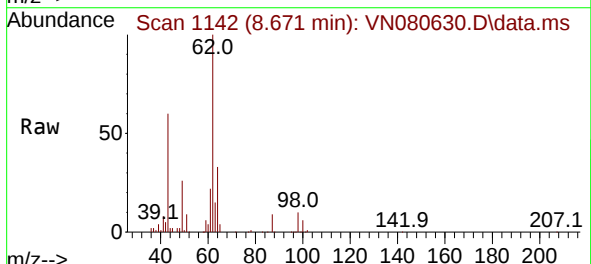
Manual Integrations
APPROVED

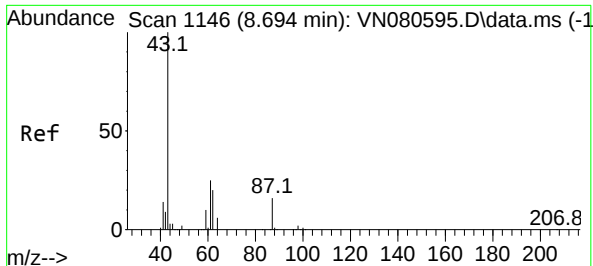
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#42
1,2-Dichloroethane
Concen: 49.433 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

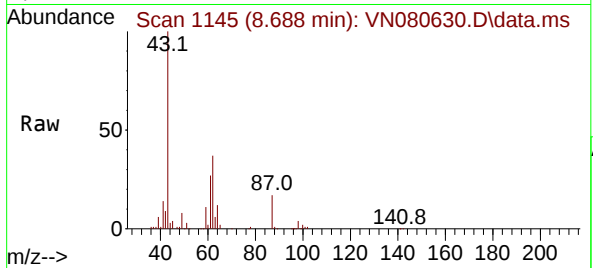
Tgt Ion: 62 Resp: 288213
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.8





#43
Isopropyl Acetate
Concen: 45.821 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

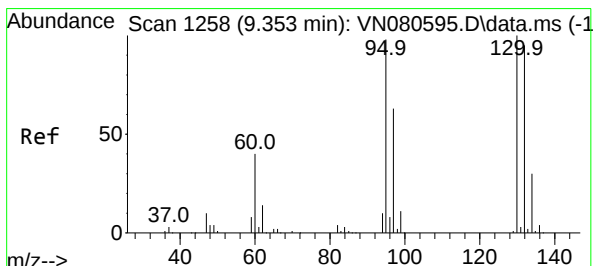
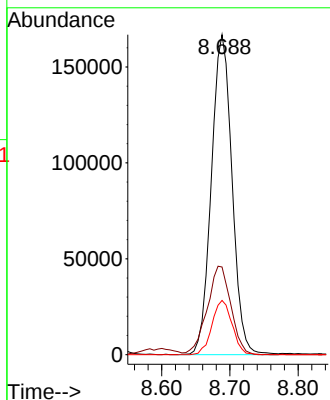
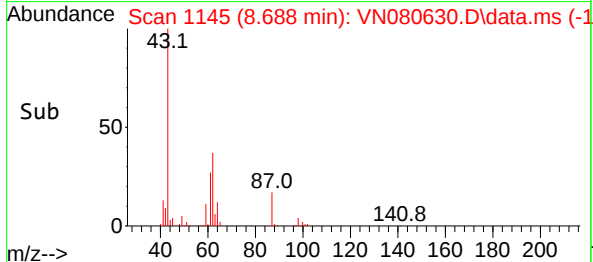
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



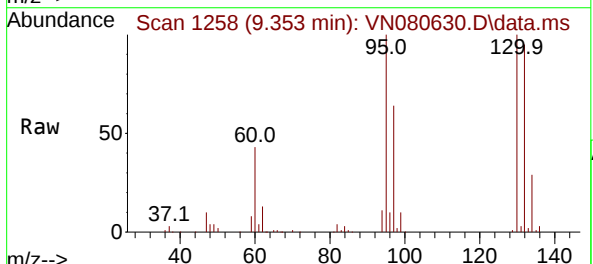
Tgt Ion: 43 Resp: 352640
Ion Ratio Lower Upper
43 100
61 31.7 24.7 37.1
87 16.4 14.6 21.8

Manual Integrations
APPROVED

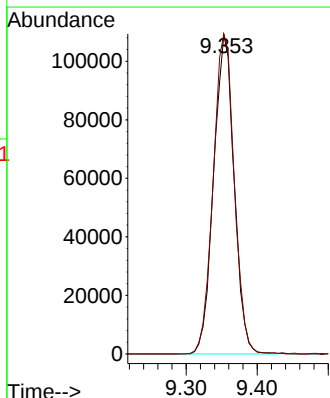
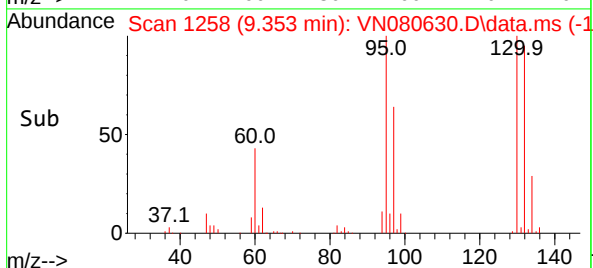
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

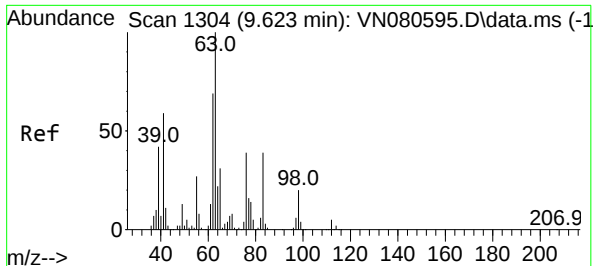


#44
Trichloroethene
Concen: 46.345 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20



Tgt Ion:130 Resp: 217689
Ion Ratio Lower Upper
130 100
95 100.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 50.751 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080630.D

Acq: 02 Jan 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 217039

Ion Ratio Lower Upper

63 100

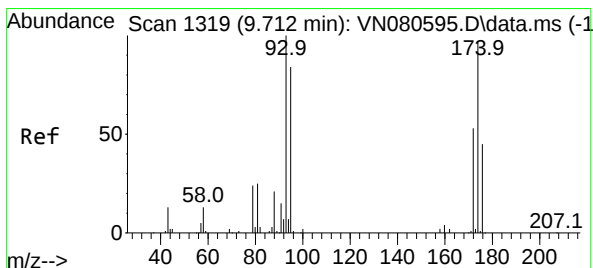
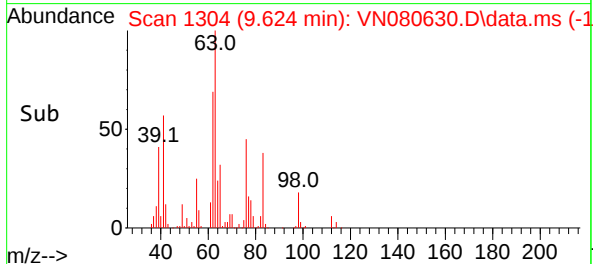
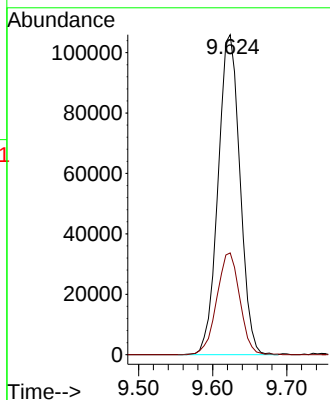
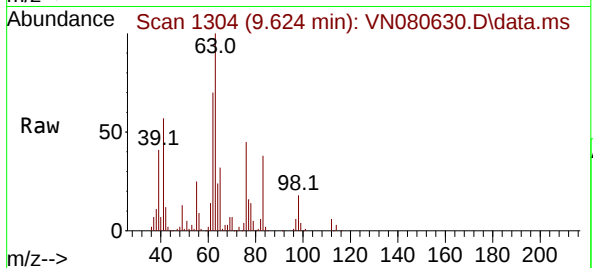
65 31.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#46

Dibromomethane

Concen: 47.980 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080630.D

Acq: 02 Jan 2024 17:20

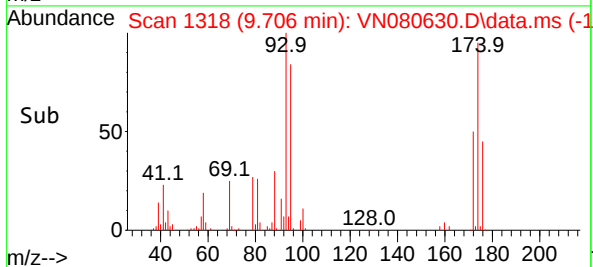
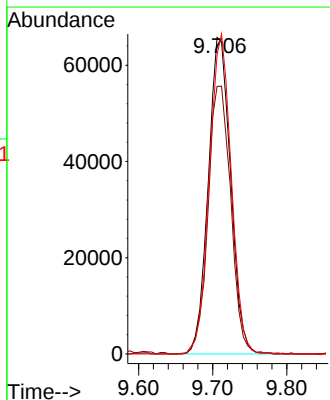
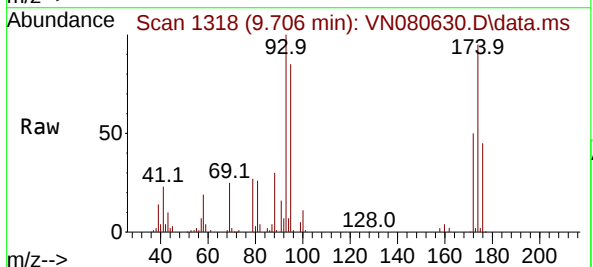
Tgt Ion: 93 Resp: 138053

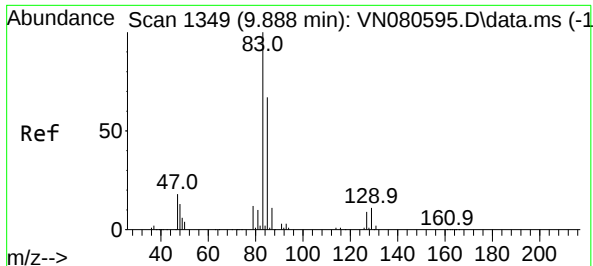
Ion Ratio Lower Upper

93 100

95 85.8 63.8 95.8

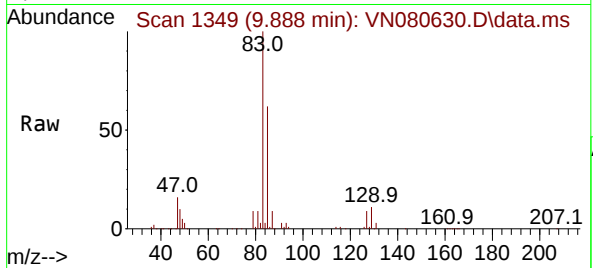
174 99.3 65.6 98.4#





#47
Bromodichloromethane
Concen: 52.344 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

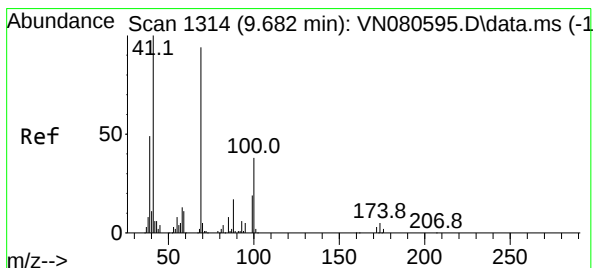
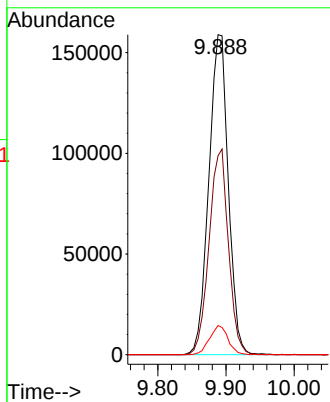
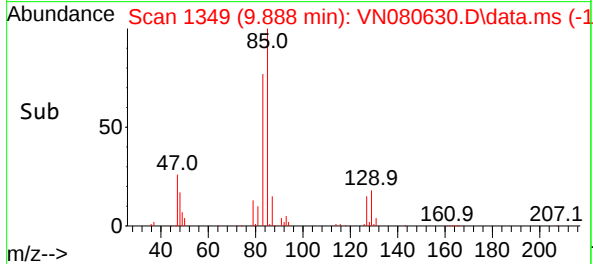
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



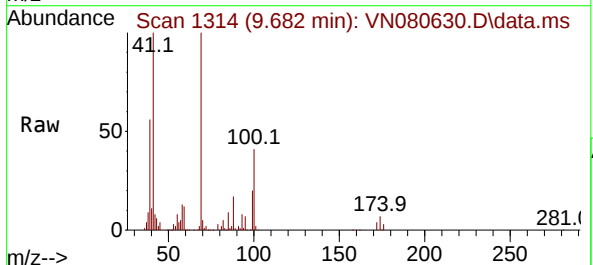
Tgt Ion: 83 Resp: 315698
Ion Ratio Lower Upper
83 100
85 62.1 49.6 74.4
127 9.1 7.0 10.6

Manual Integrations
APPROVED

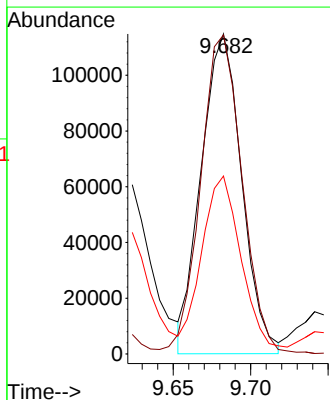
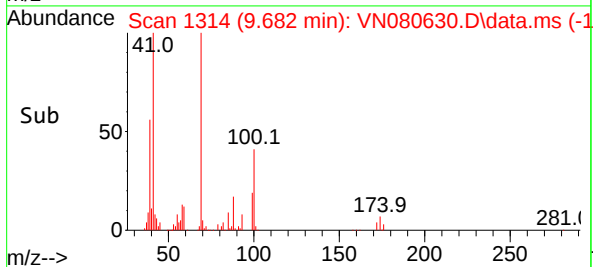
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

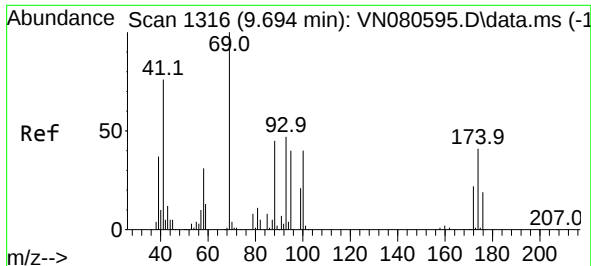


#48
Methyl methacrylate
Concen: 48.689 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20



Tgt Ion: 41 Resp: 208056
Ion Ratio Lower Upper
41 100
69 101.9 90.4 135.6
39 55.3 54.6 81.8





#49

1,4-Dioxane

Concen: 851.648 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN080630.D

Acq: 02 Jan 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

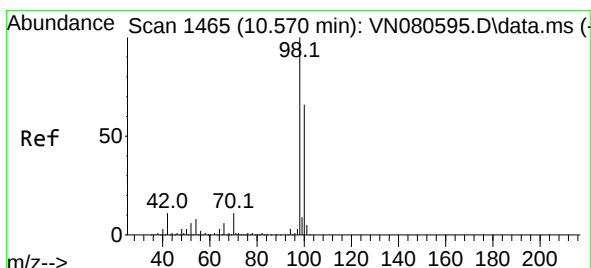
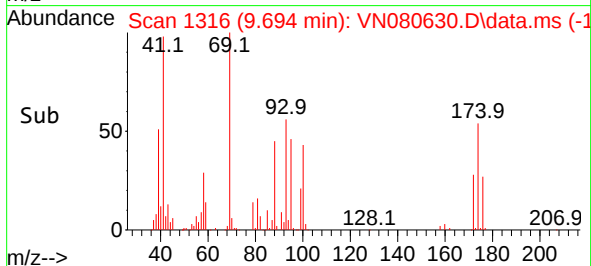
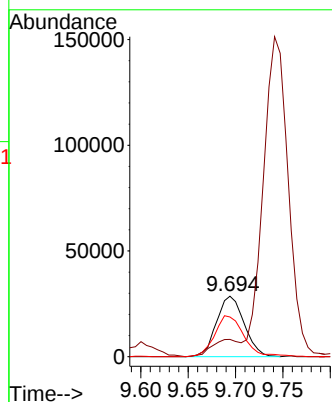
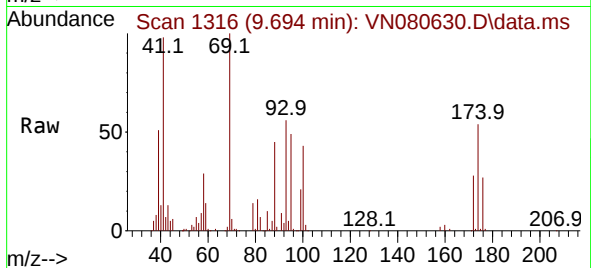
Tgt Ion:	88	Resp:	5816
Ion Ratio	Lower	Upper	
88	100		
43	29.2	17.0	25.6
58	71.7	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#50

Toluene-d8

Concen: 53.664 ug/l

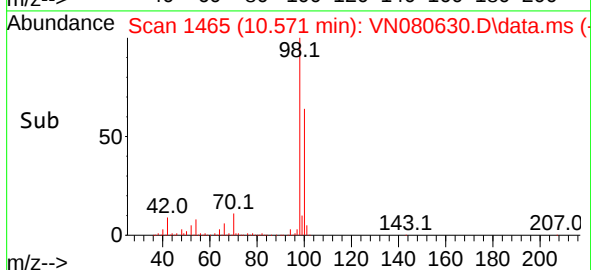
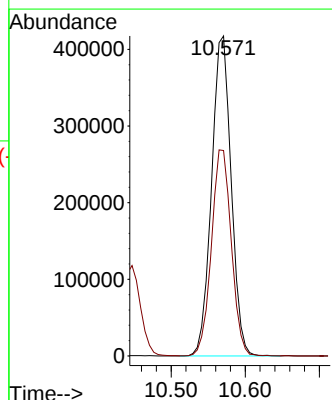
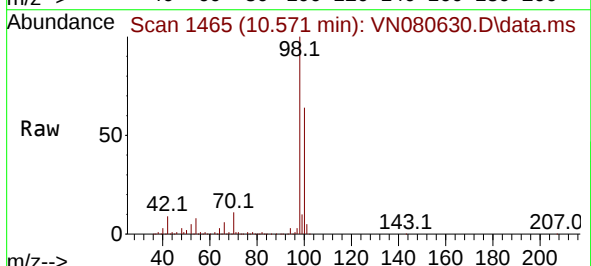
RT: 10.571 min Scan# 1465

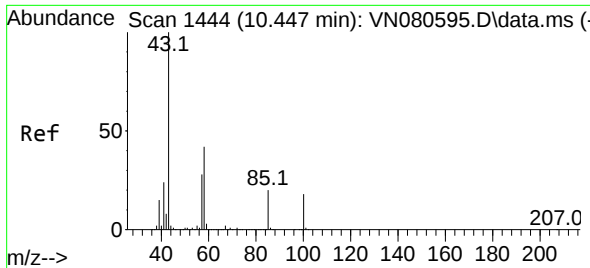
Delta R.T. 0.000 min

Lab File: VN080630.D

Acq: 02 Jan 2024 17:20

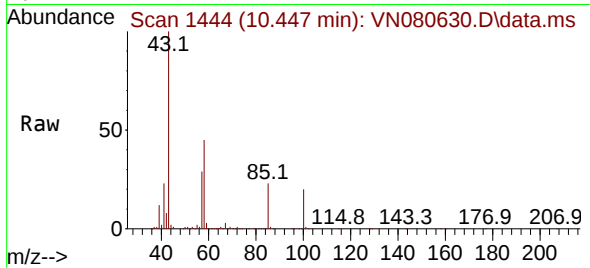
Tgt Ion:	98	Resp:	766090
Ion Ratio	Lower	Upper	
98	100		
100	65.5	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 248.595 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

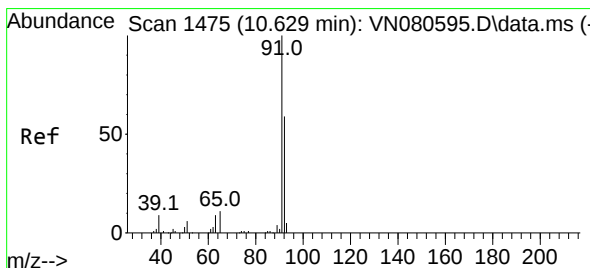
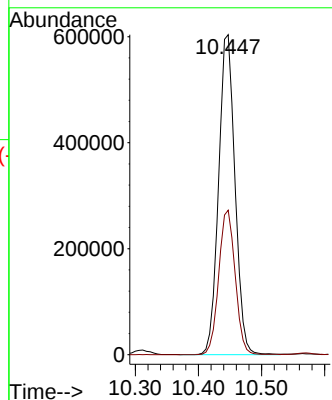
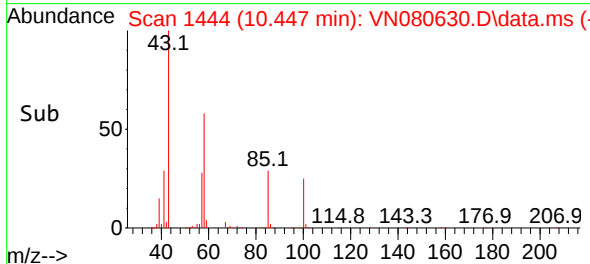
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1088156
Ion Ratio Lower Upper
43 100
58 45.2 36.6 54.8

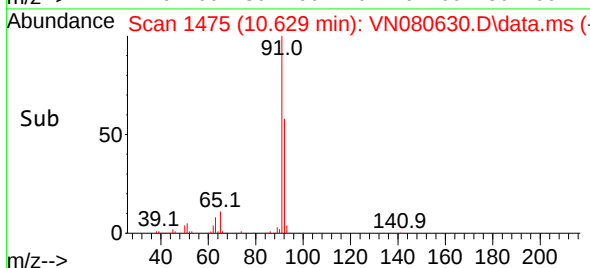
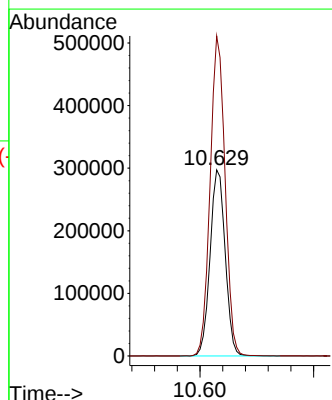
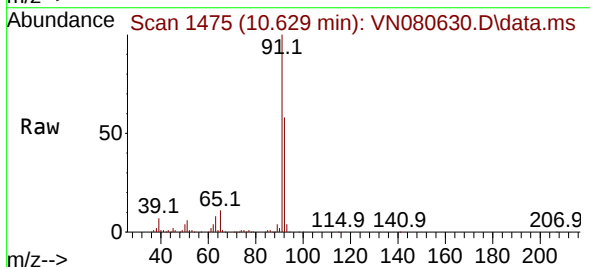
Manual Integrations
APPROVED

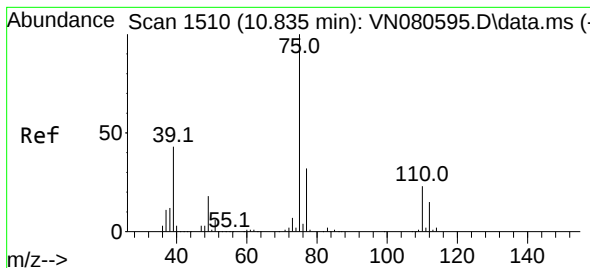
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#52
Toluene
Concen: 54.661 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

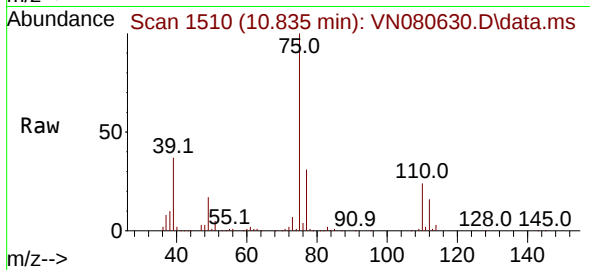
Tgt Ion: 92 Resp: 546891
Ion Ratio Lower Upper
92 100
91 169.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 55.666 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

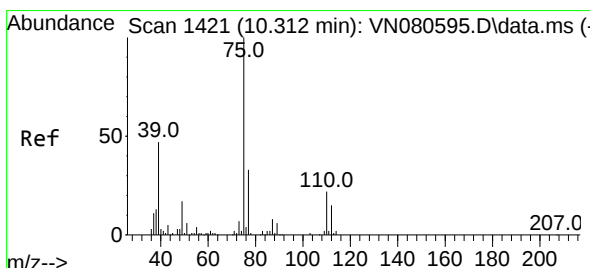
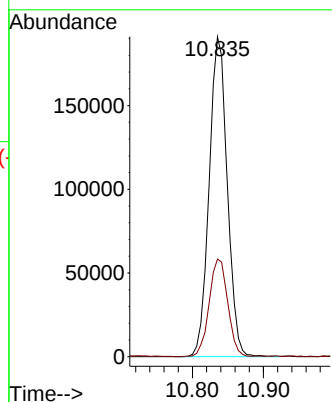
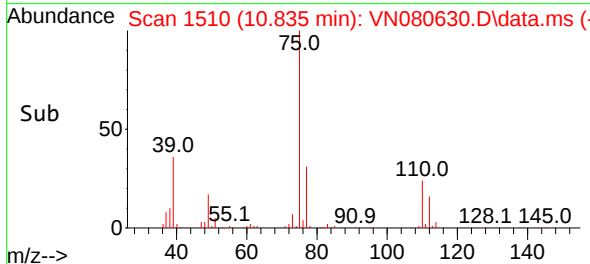
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 338470
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0

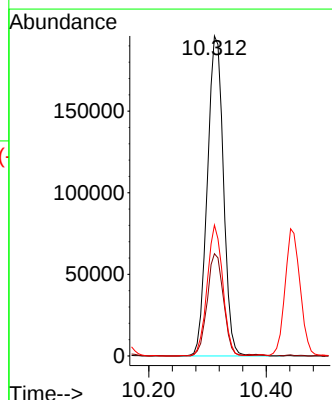
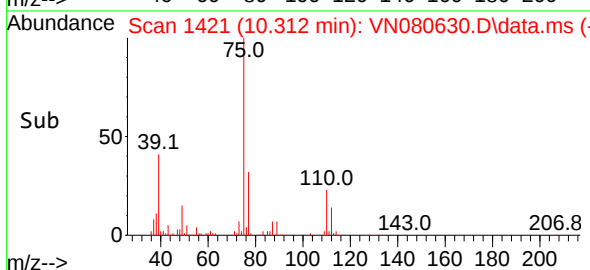
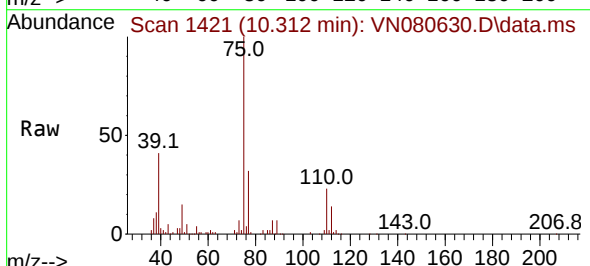
Manual Integrations
APPROVED

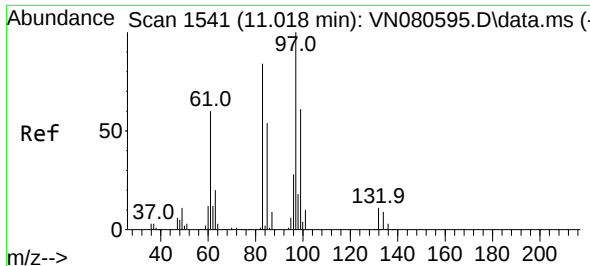
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#54
cis-1,3-Dichloropropene
Concen: 54.659 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

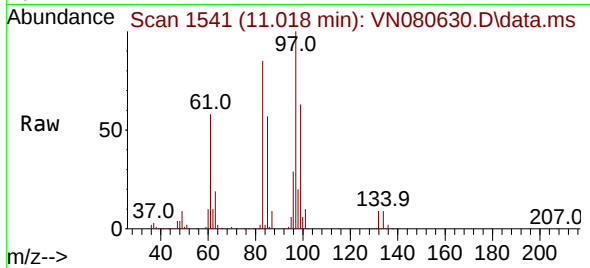
Tgt Ion: 75 Resp: 371961
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
39 40.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 54.722 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

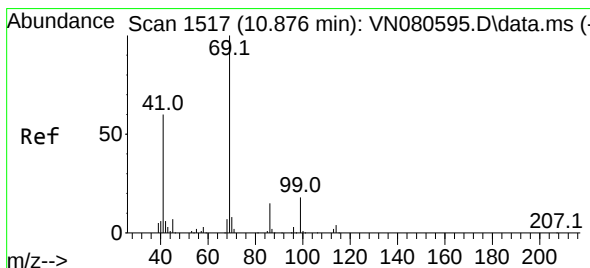
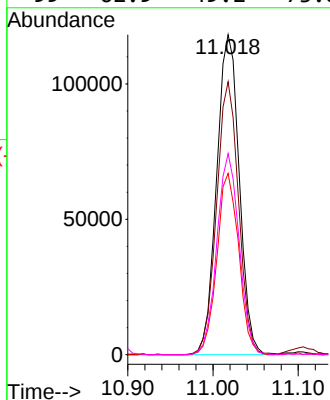
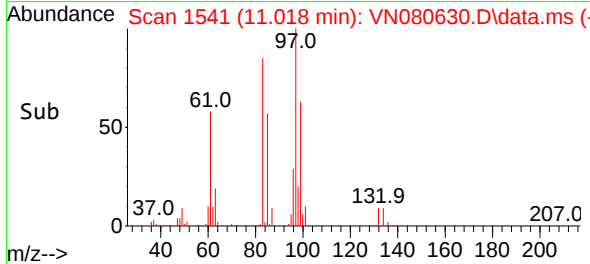
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



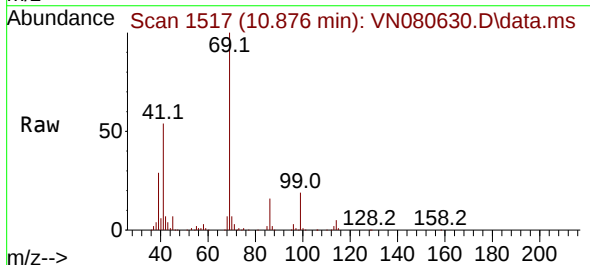
Tgt Ion:	97	Resp:	21717
Ion Ratio	100	Lower	Upper
97	100		
83	85.3	65.1	97.7
85	56.6	43.4	65.2
99	62.9	49.2	73.8

Manual Integrations
APPROVED

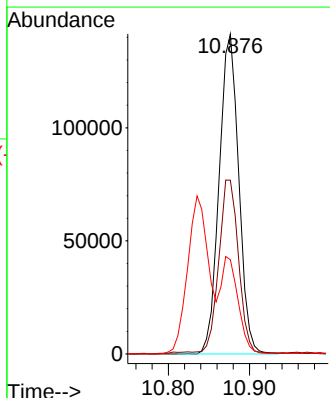
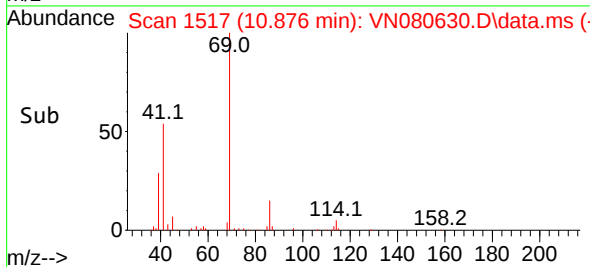
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

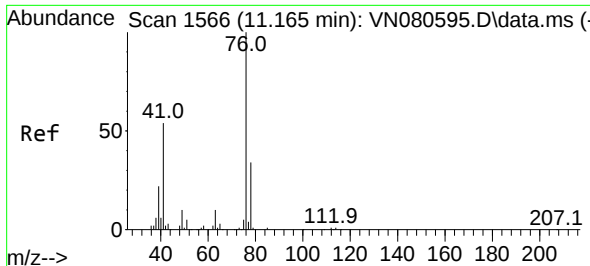


#56
Ethyl methacrylate
Concen: 61.057 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20



Tgt Ion:	69	Resp:	237353
Ion Ratio	100	Lower	Upper
69	100		
41	55.9	39.6	59.4
39	26.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 55.541 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080630.D

Acq: 02 Jan 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 373470

Ion Ratio Lower Upper

76 100

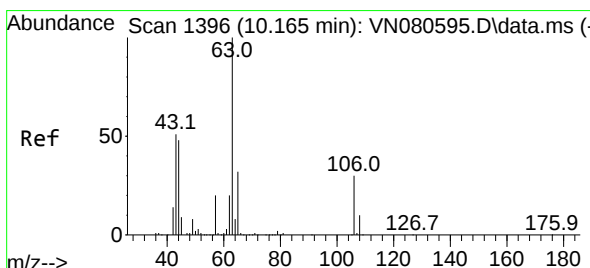
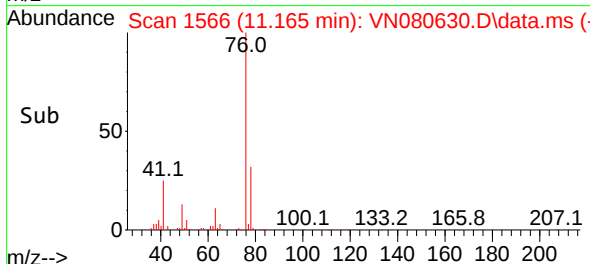
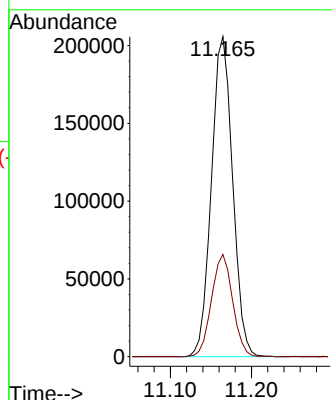
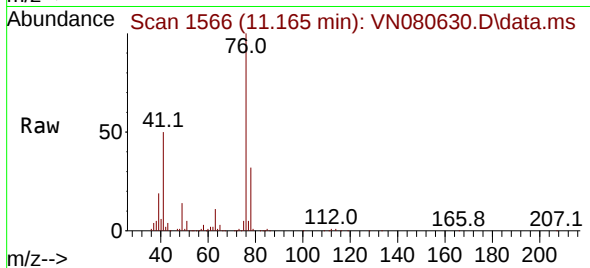
78 31.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#58

2-Chloroethyl Vinyl ether

Concen: 311.202 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN080630.D

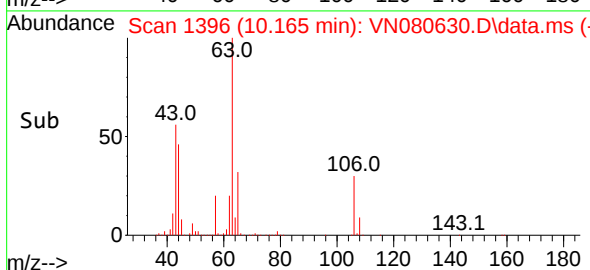
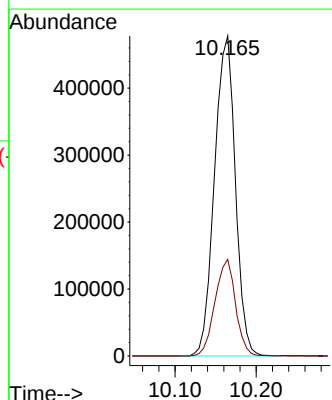
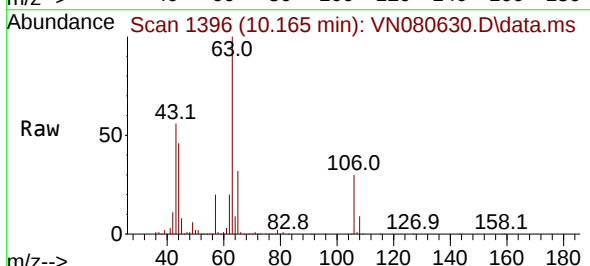
Acq: 02 Jan 2024 17:20

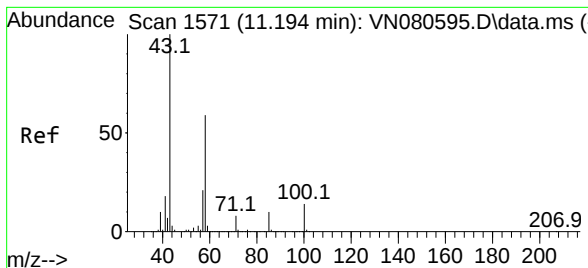
Tgt Ion: 63 Resp: 854310

Ion Ratio Lower Upper

63 100

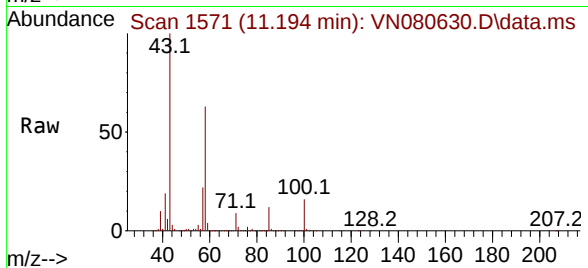
106 29.7 26.2 39.4





#59
2-Hexanone
Concen: 246.014 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

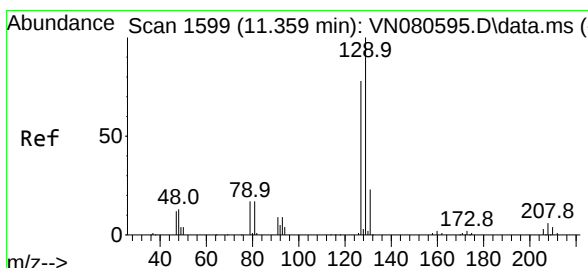
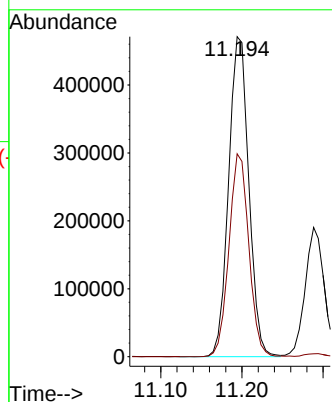
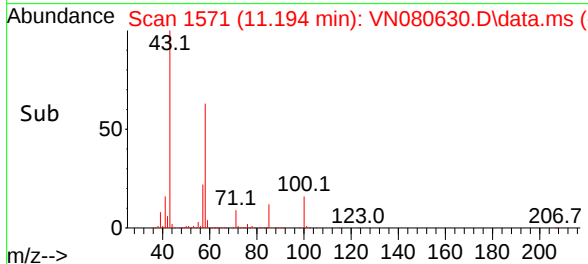
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 811627
Ion Ratio Lower Upper
43 100
58 62.6 31.7 95.1

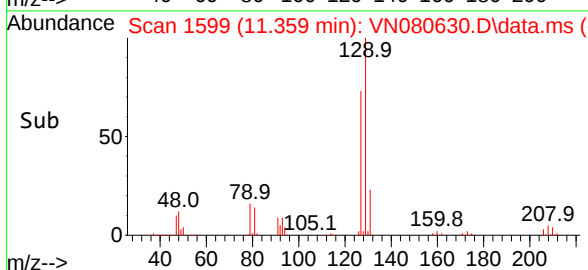
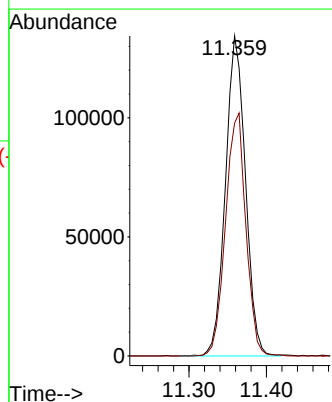
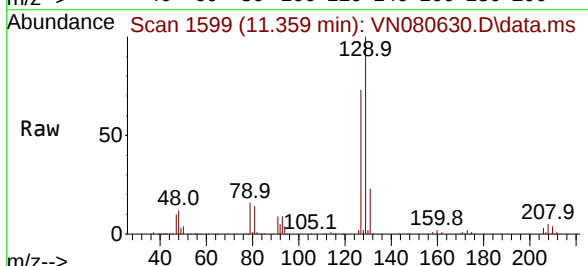
Manual Integrations
APPROVED

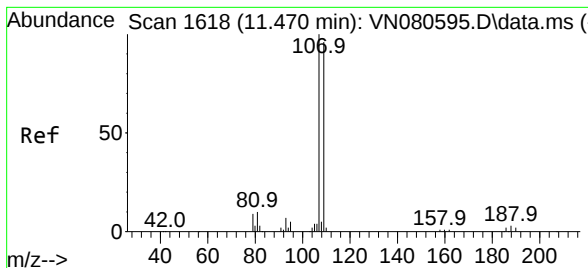
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#60
Dibromochloromethane
Concen: 54.594 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

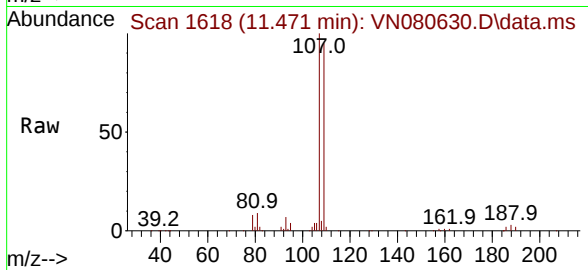
Tgt Ion:129 Resp: 241266
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.644 ug/l
RT: 11.471 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

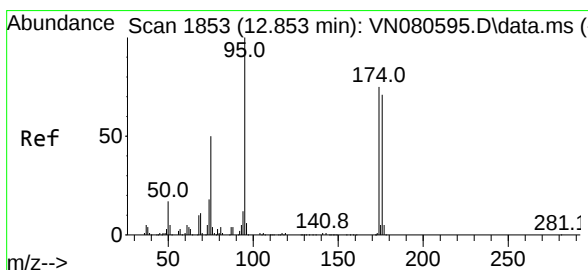
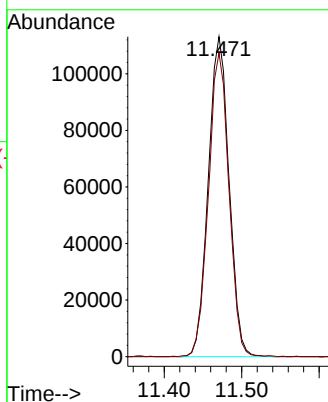
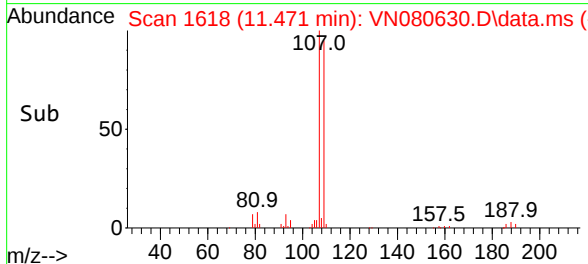
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



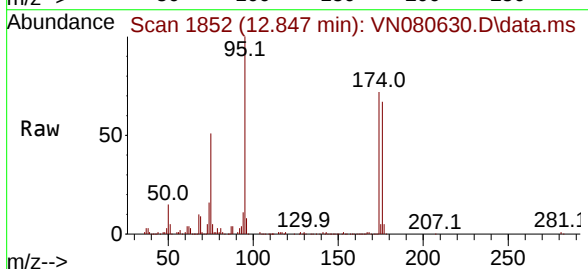
Tgt Ion:107 Resp: 21065
Ion Ratio Lower Upper
107 100
109 93.8 76.6 114.8

Manual Integrations
APPROVED

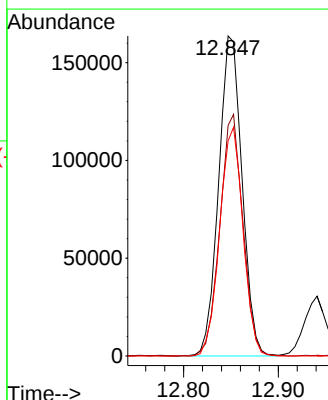
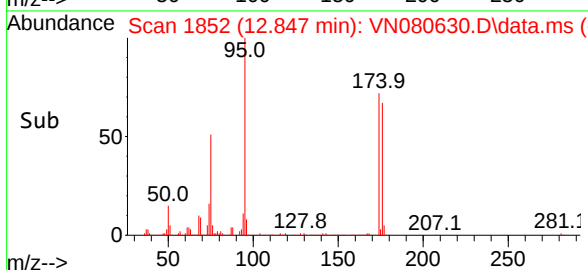
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

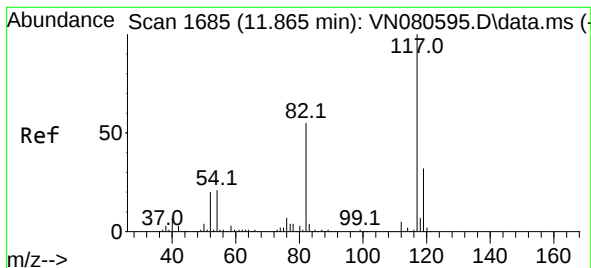


#62
4-Bromofluorobenzene
Concen: 58.550 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20



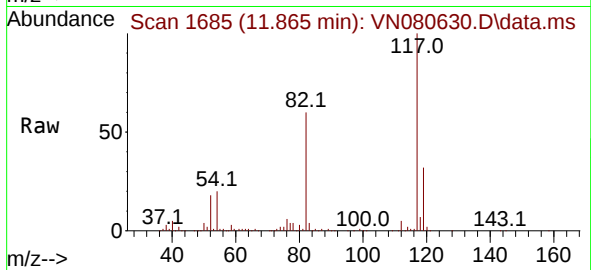
Tgt Ion: 95 Resp: 281301
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 71.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

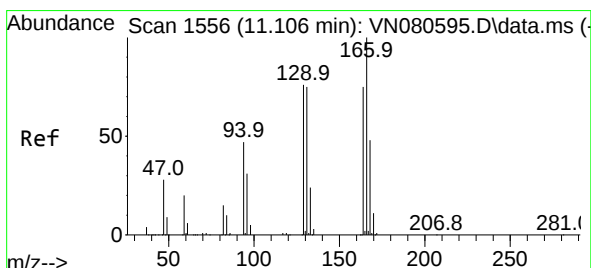
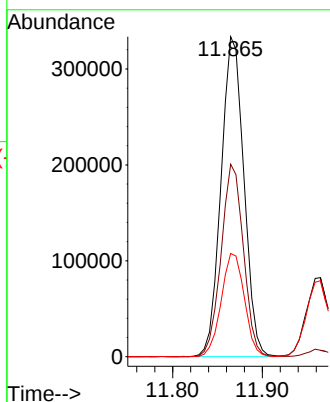
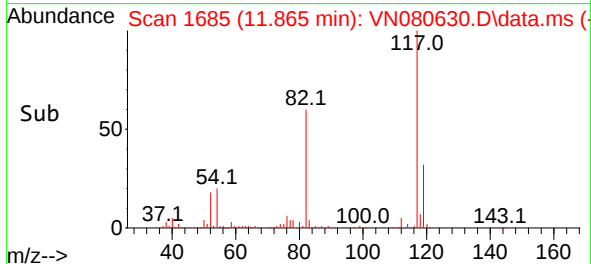
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



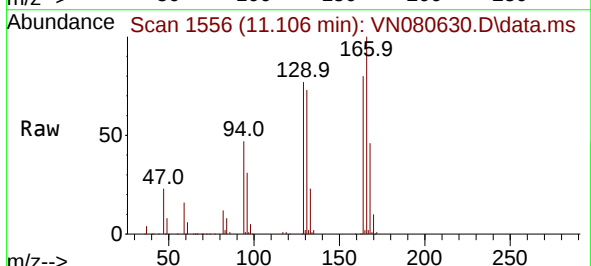
Tgt Ion:117 Resp: 590378
Ion Ratio Lower Upper
117 100
82 60.1 44.0 66.0
119 32.3 25.6 38.4

Manual Integrations
APPROVED

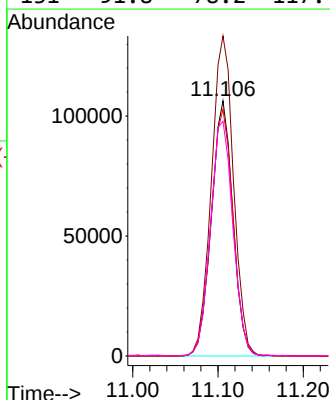
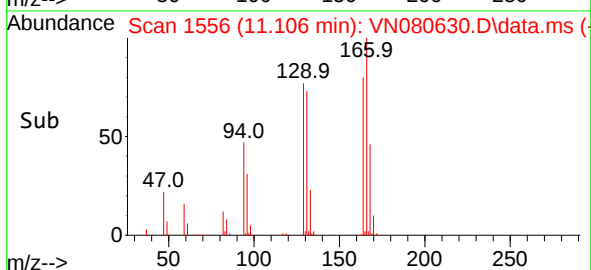
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

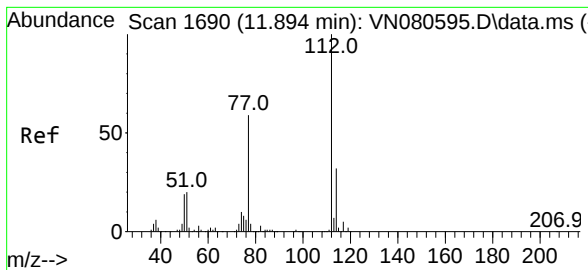


#64
Tetrachloroethene
Concen: 47.254 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20



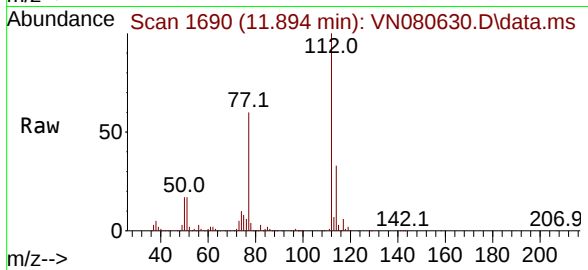
Tgt Ion:164 Resp: 186415
Ion Ratio Lower Upper
164 100
166 125.4 101.4 152.0
129 96.7 82.4 123.6
131 91.8 78.2 117.4





#65
Chlorobenzene
Concen: 47.774 ug/l
RT: 11.894 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

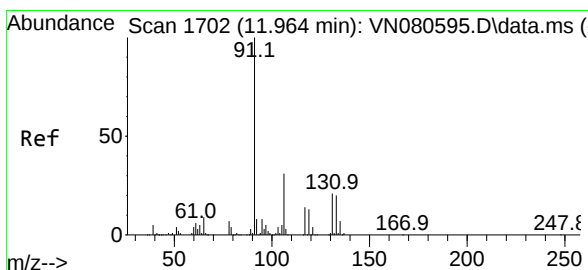
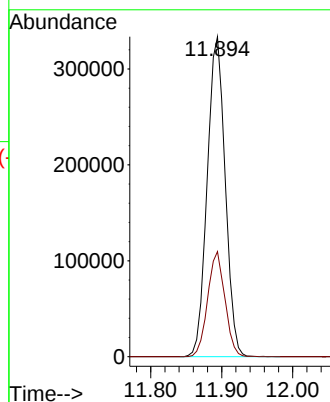
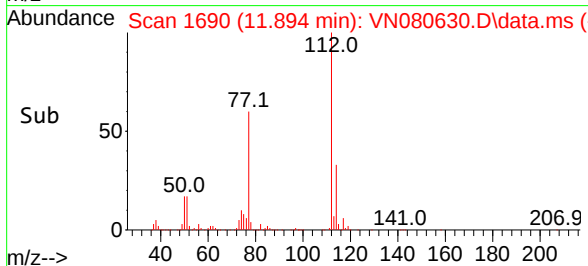
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



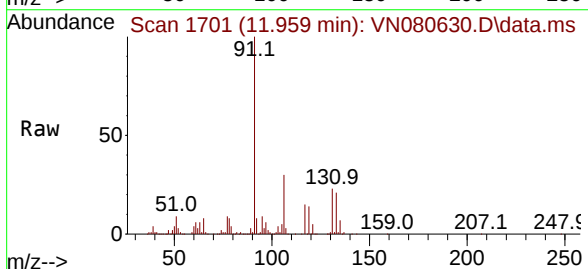
Tgt Ion:112 Resp: 58674
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4

Manual Integrations
APPROVED

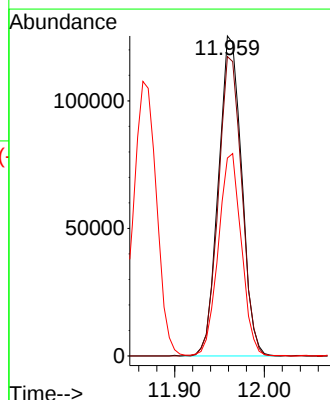
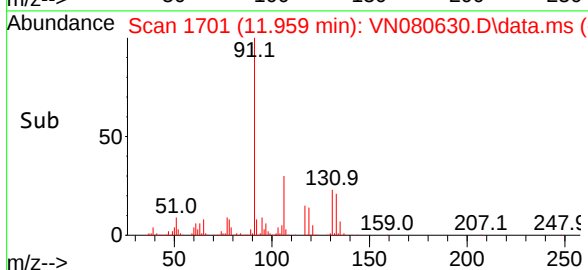
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

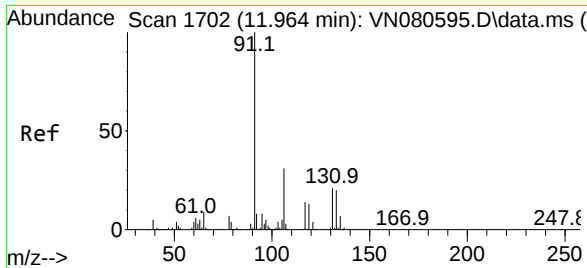


#66
1,1,1,2-Tetrachloroethane
Concen: 47.833 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20



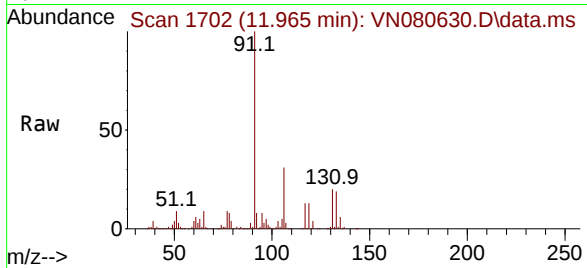
Tgt Ion:131 Resp: 225978
Ion Ratio Lower Upper
131 100
133 94.2 46.4 139.1
119 62.7 34.1 102.2





#67
Ethyl Benzene
Concen: 51.217 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

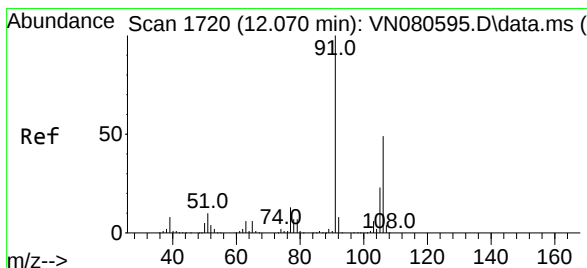
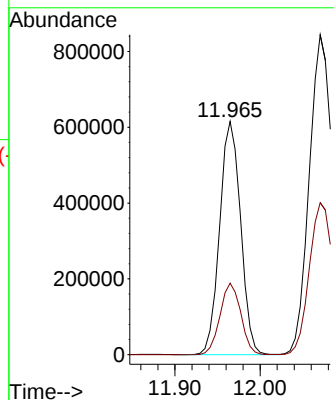
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1051624
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4

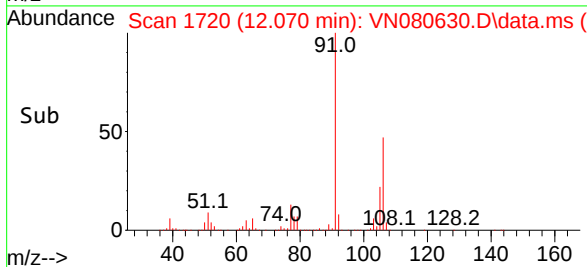
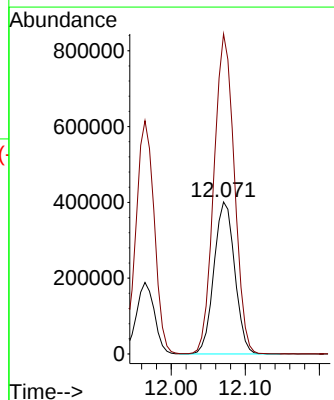
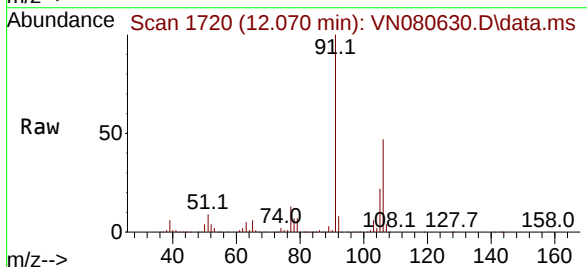
Manual Integrations
APPROVED

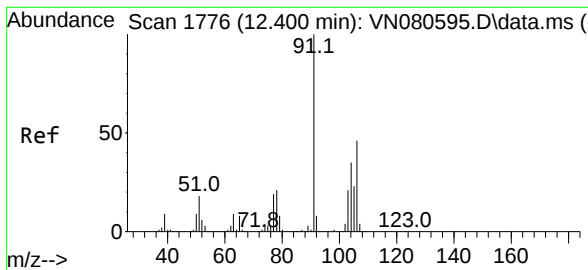
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#68
m/p-Xylenes
Concen: 102.431 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

Tgt Ion:106 Resp: 780375
Ion Ratio Lower Upper
106 100
91 206.9 159.6 239.4





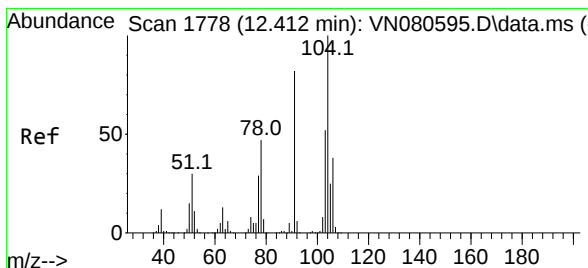
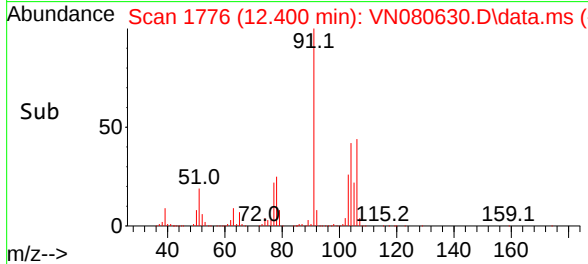
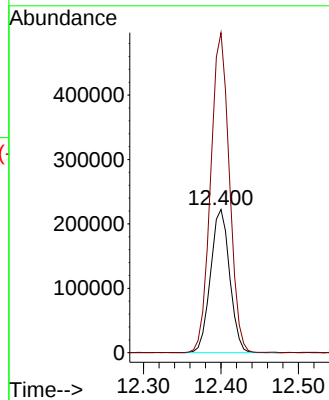
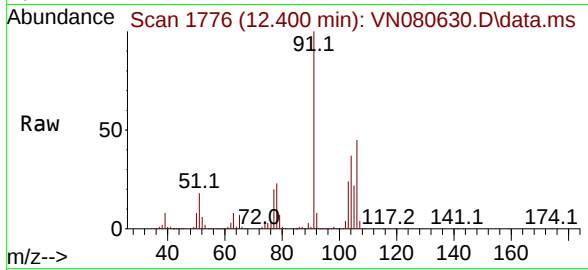
#69
o-Xylene
Concen: 50.893 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 380807
Ion Ratio Lower Upper
106 100
91 218.8 105.2 315.5

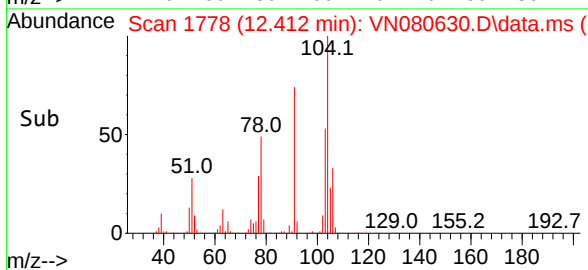
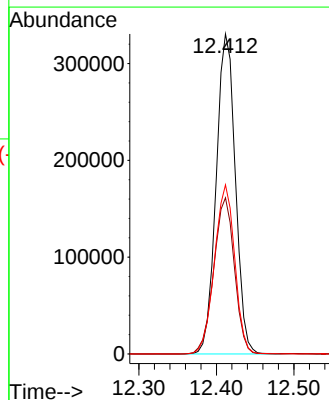
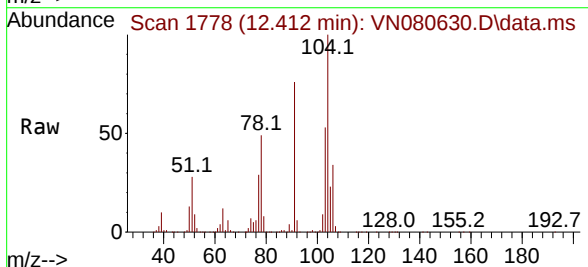
Manual Integrations
APPROVED

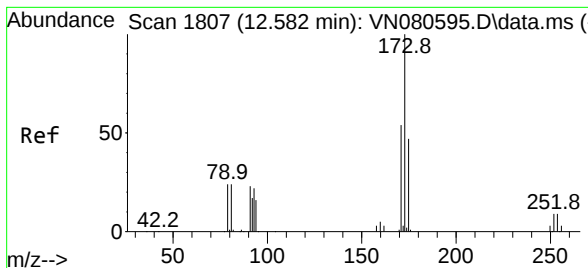
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#70
Styrene
Concen: 52.312 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

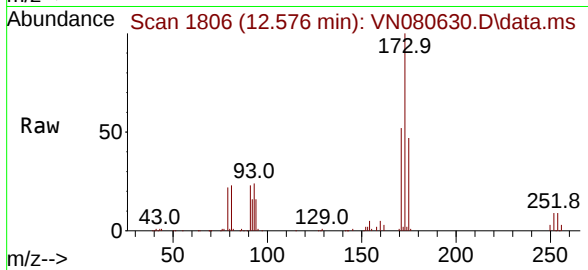
Tgt Ion:104 Resp: 569207
Ion Ratio Lower Upper
104 100
78 52.4 39.5 59.3
103 55.8 43.2 64.8





#71
Bromoform
Concen: 45.855 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

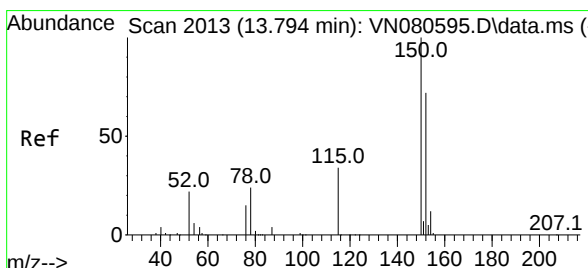
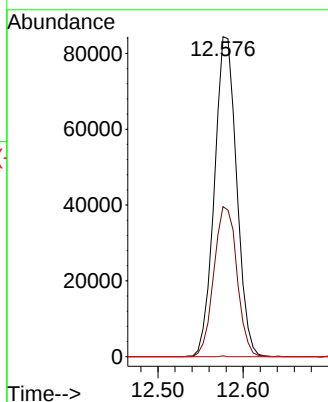
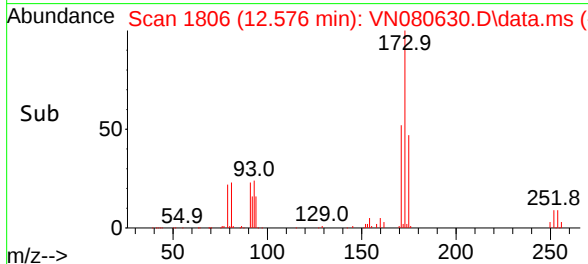
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



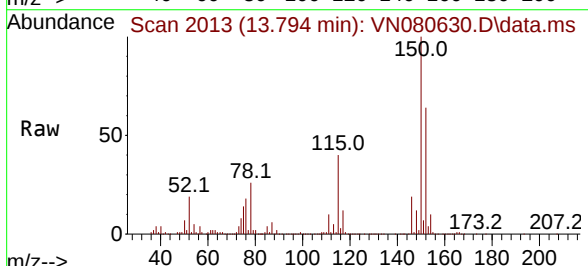
Tgt Ion:173 Resp: 15324
Ion Ratio Lower Upper
173 100
175 48.6 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

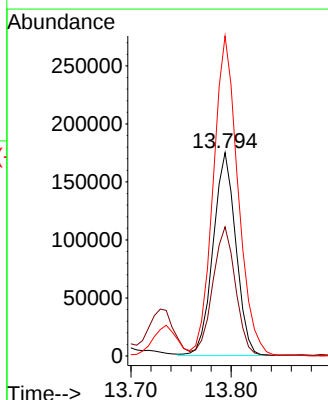
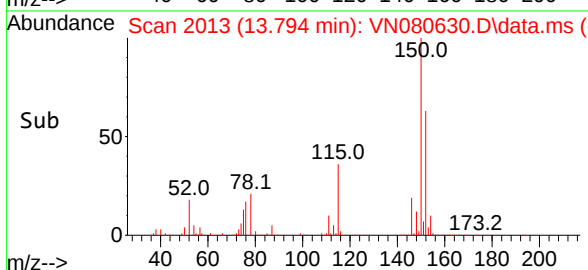
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

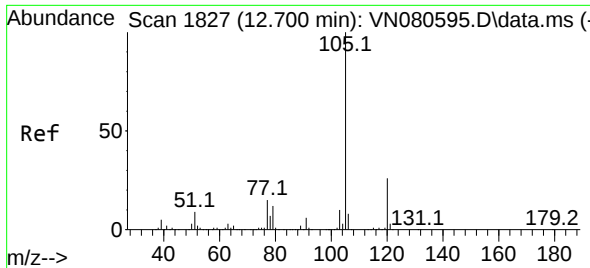


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20



Tgt Ion:152 Resp: 275260
Ion Ratio Lower Upper
152 100
115 63.5 32.3 96.8
150 172.3 0.0 355.8





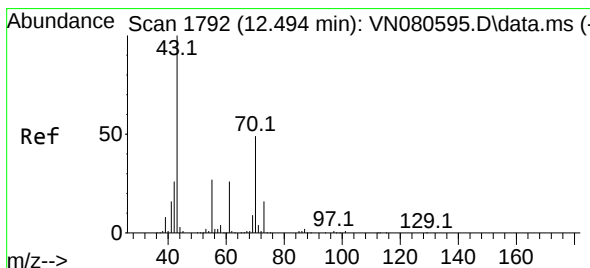
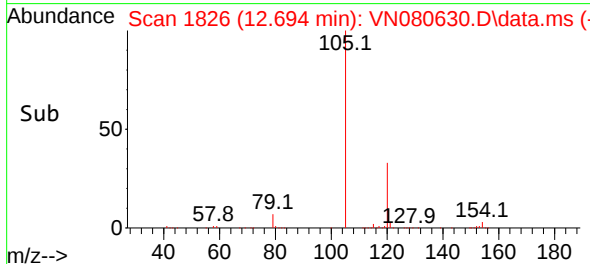
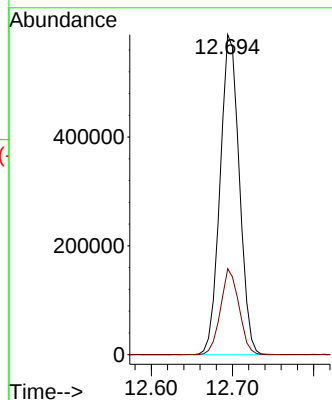
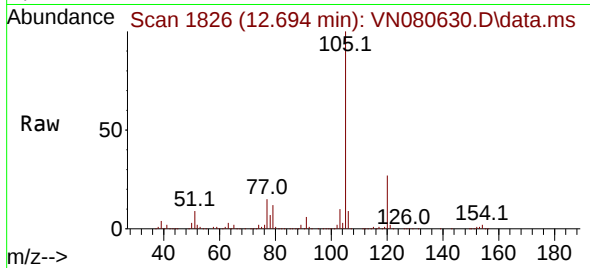
#73
Isopropylbenzene
Concen: 51.522 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 970660
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

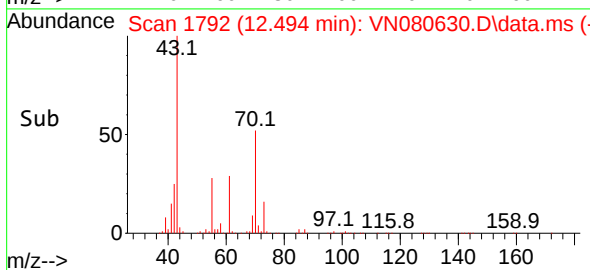
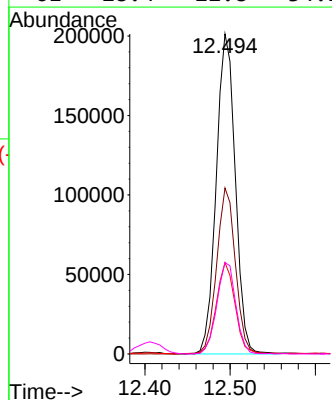
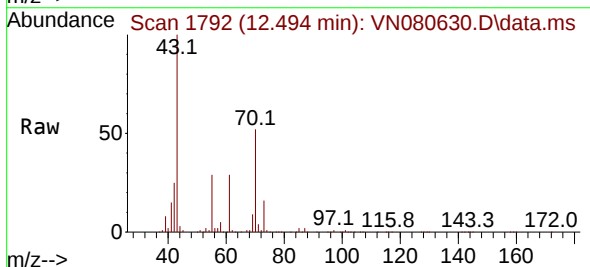
Manual Integrations
APPROVED

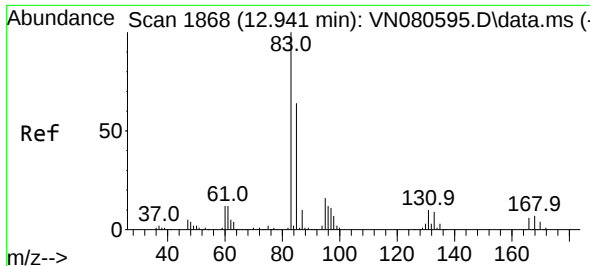
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#74
N-ethyl acetate
Concen: 47.103 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

Tgt Ion: 43 Resp: 313069
Ion Ratio Lower Upper
43 100
70 51.2 43.4 65.2
55 28.3 21.4 32.0
61 28.4 22.8 34.2





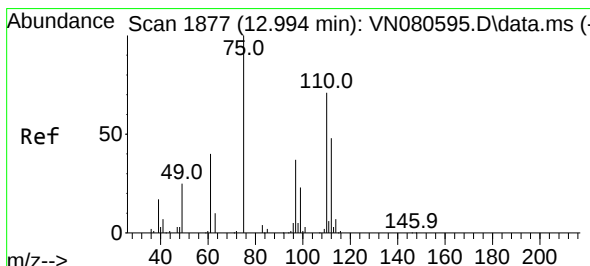
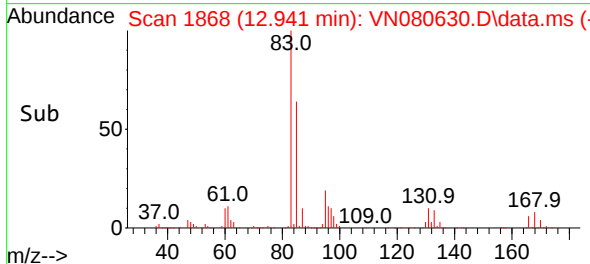
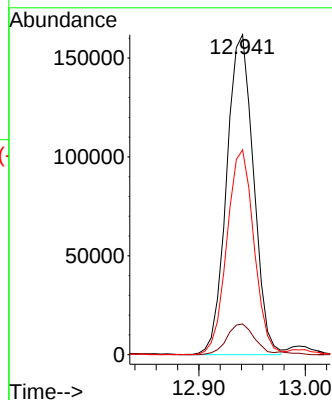
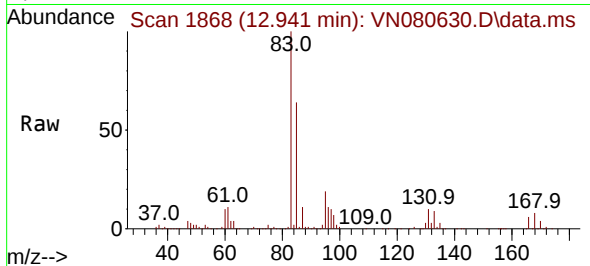
#75
1,1,2,2-Tetrachloroethane
Concen: 43.700 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 284114
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 64.5 31.9 95.7

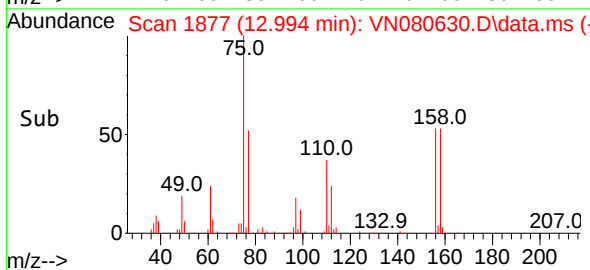
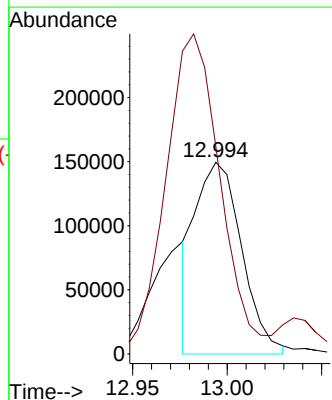
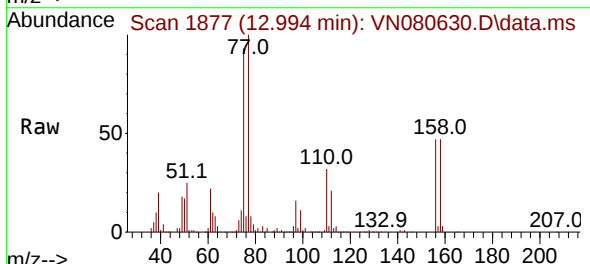
Manual Integrations
APPROVED

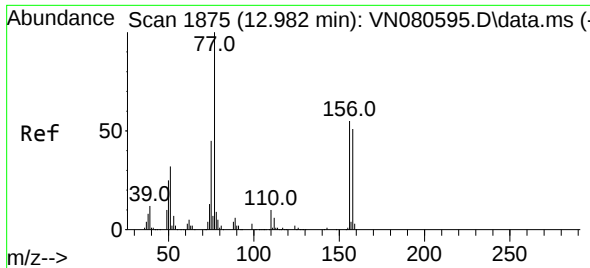
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#76
1,2,3-Trichloropropane
Concen: 43.071 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

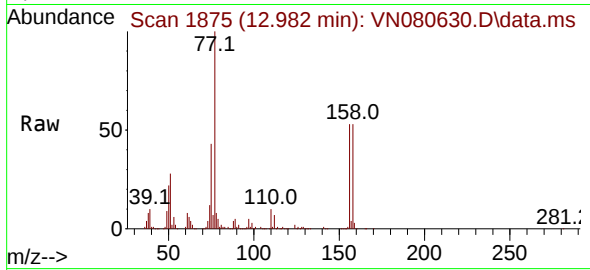
Tgt Ion: 75 Resp: 254999
Ion Ratio Lower Upper
75 100
77 196.7 84.5 253.5





#77
Bromobenzene
Concen: 46.975 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

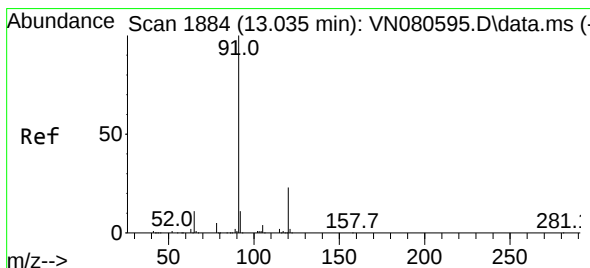
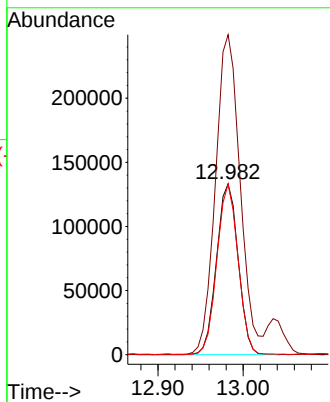
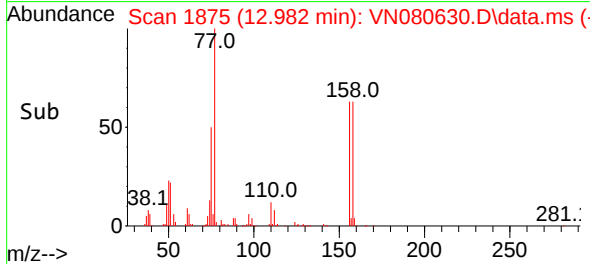
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



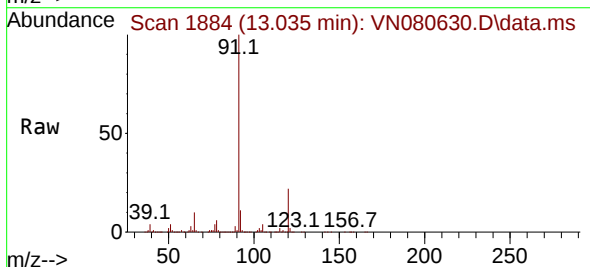
Tgt Ion:156 Resp: 23505
Ion Ratio Lower Upper
156 100
77 213.4 107.7 323.3
158 97.2 48.4 145.3

Manual Integrations
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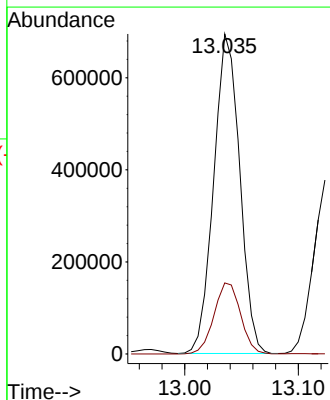
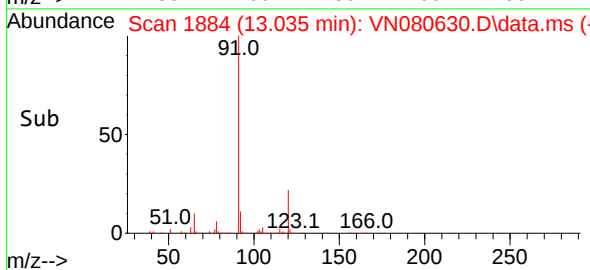
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

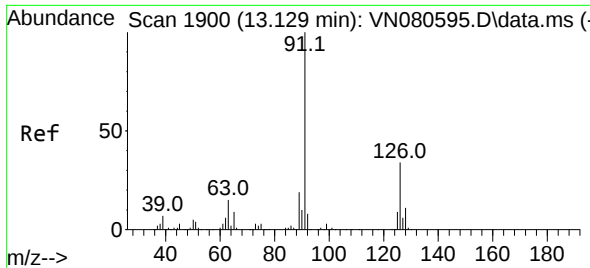


#78
n-propylbenzene
Concen: 51.248 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20



Tgt Ion: 91 Resp: 1104112
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





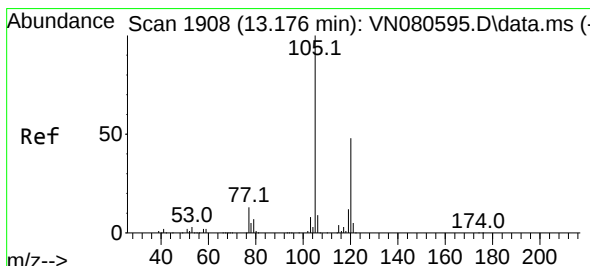
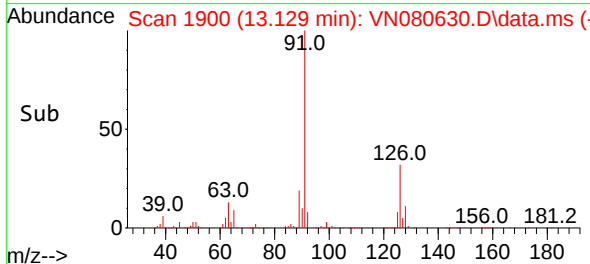
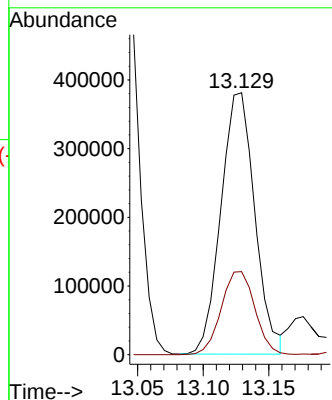
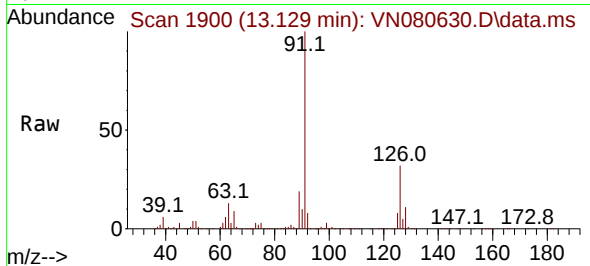
#79
2-Chlorotoluene
Concen: 48.735 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 68545
Ion Ratio Lower Upper
91 100
126 31.5 16.3 48.8

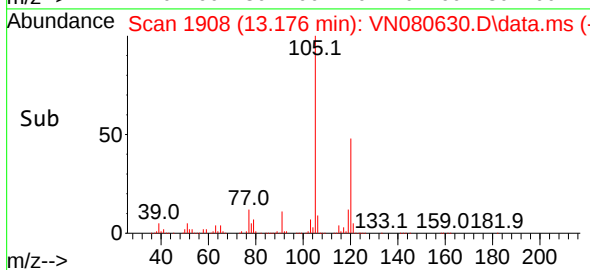
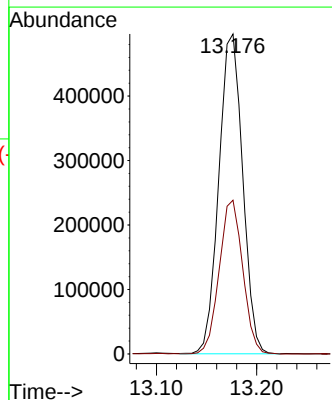
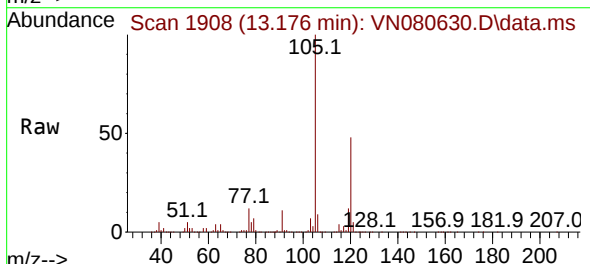
Manual Integrations
APPROVED

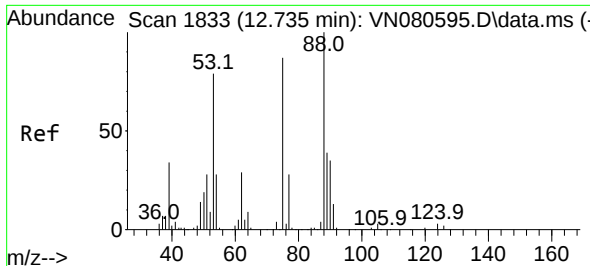
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.328 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

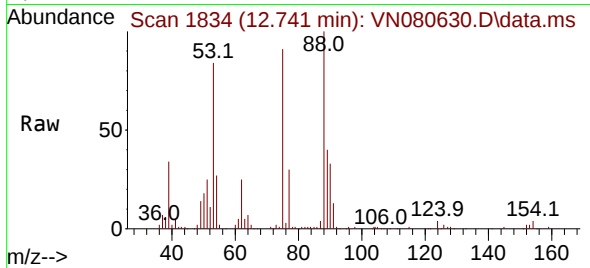
Tgt Ion:105 Resp: 816530
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 42.061 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

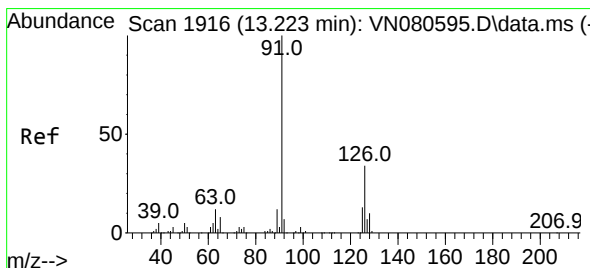
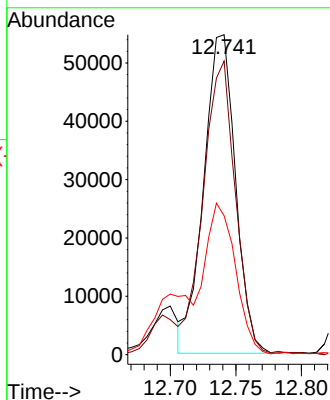
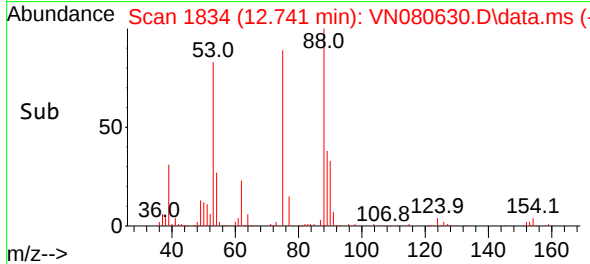
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 91930
Ion Ratio Lower Upper
75 100
53 94.5 67.4 101.2
89 45.0 38.8 58.2

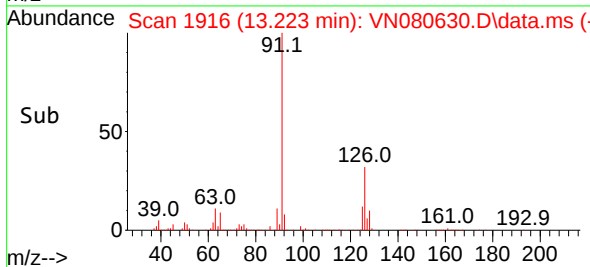
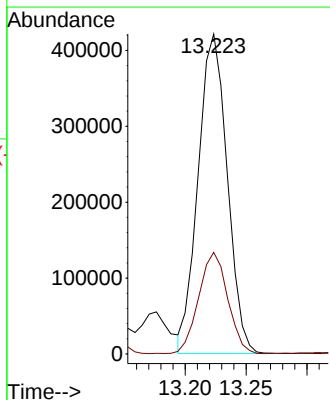
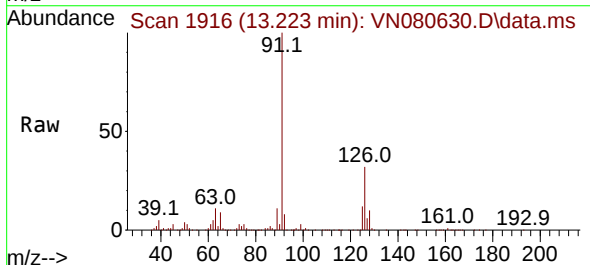
Manual Integrations
APPROVED

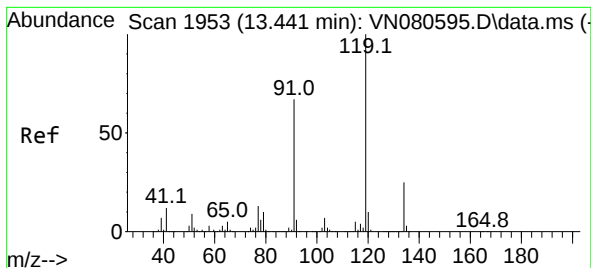
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#82
4-Chlorotoluene
Concen: 48.745 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

Tgt Ion: 91 Resp: 701143
Ion Ratio Lower Upper
91 100
126 31.8 16.7 50.0





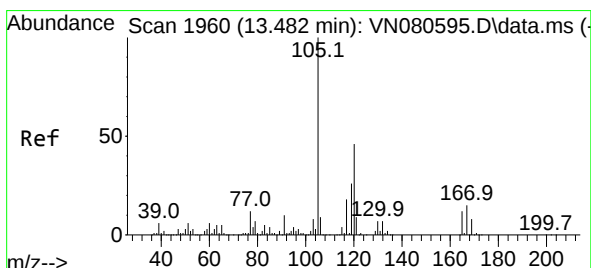
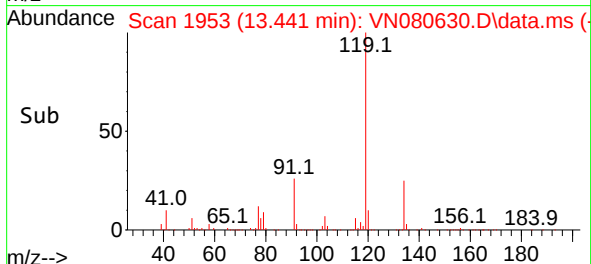
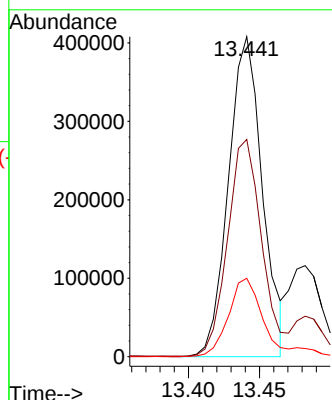
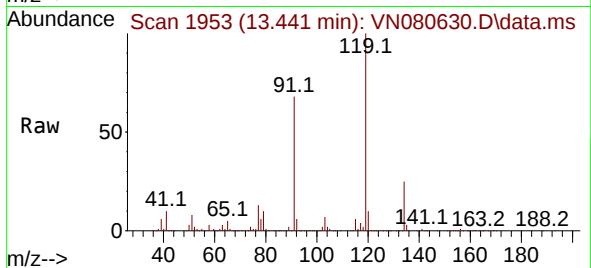
#83
tert-Butylbenzene
Concen: 50.992 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 677972
Ion Ratio Lower Upper
119 100
91 68.8 33.9 101.7
134 26.1 13.2 39.6

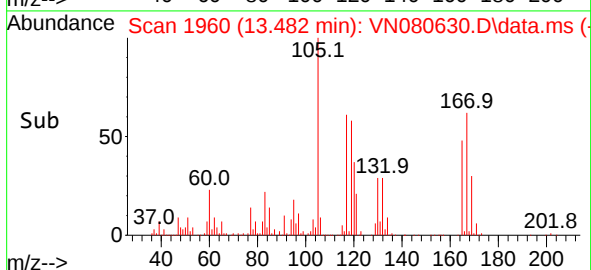
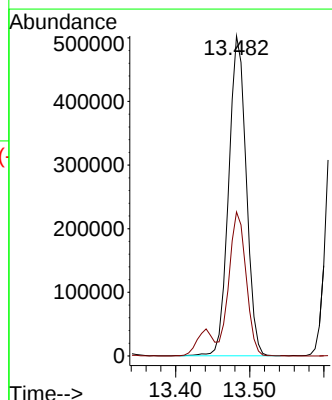
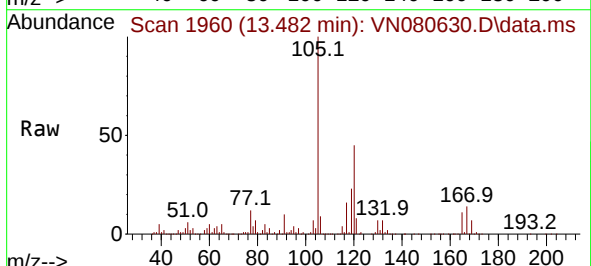
Manual Integrations
APPROVED

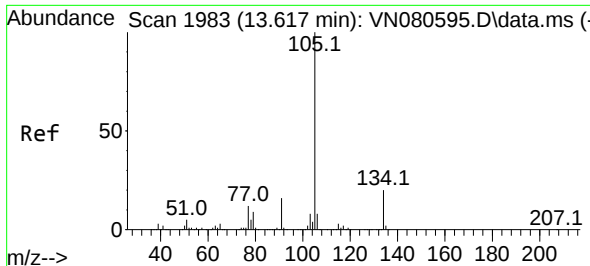
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#84
1,2,4-Trimethylbenzene
Concen: 51.253 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

Tgt Ion:105 Resp: 825572
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





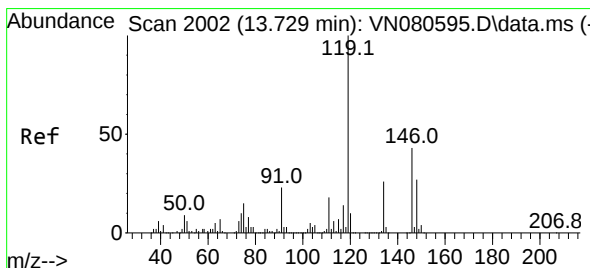
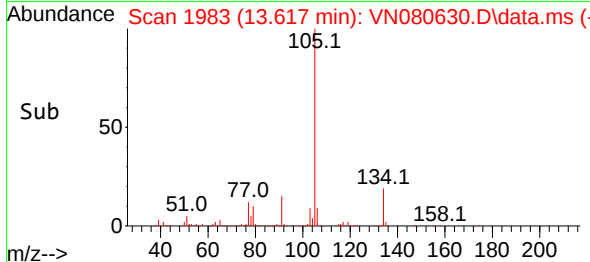
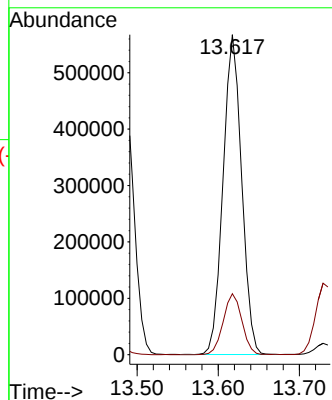
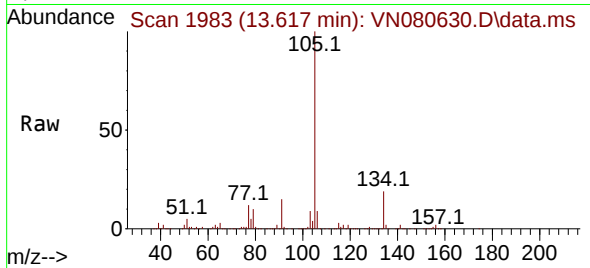
#85
 sec-Butylbenzene
 Concen: 51.291 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080630.D
 Acq: 02 Jan 2024 17:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 902430
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

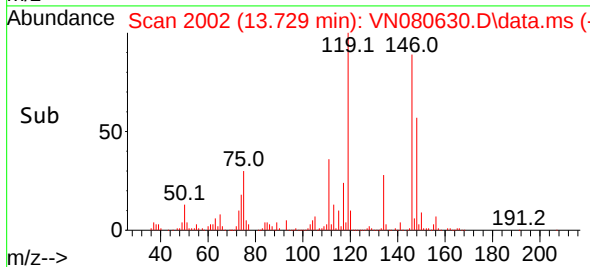
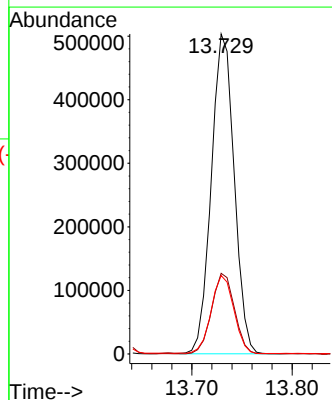
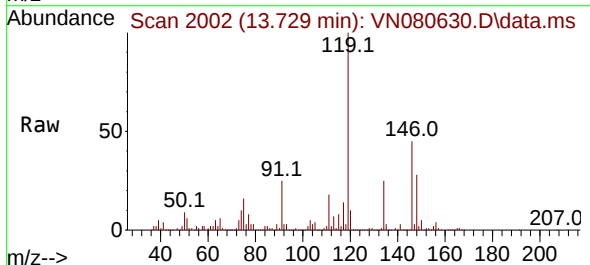
Manual Integrations
 APPROVED

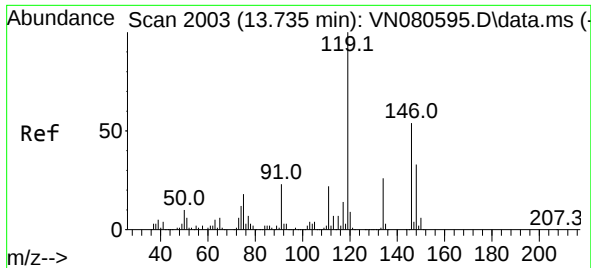
Reviewed By :John Carlone 01/03/2024
 Supervised By :Mahesh Dadoda 01/04/2024



#86
 p-Isopropyltoluene
 Concen: 47.802 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080630.D
 Acq: 02 Jan 2024 17:20

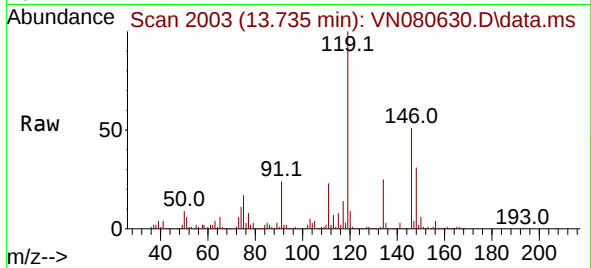
Tgt Ion:119 Resp: 798673
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 24.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 45.424 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

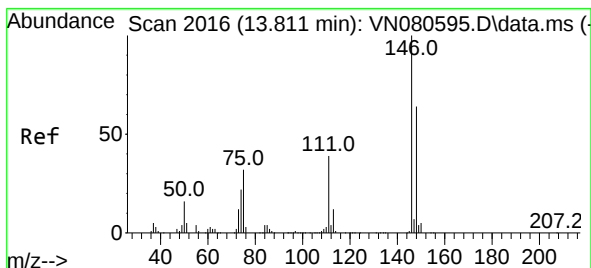
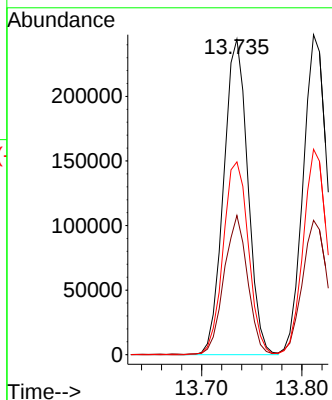
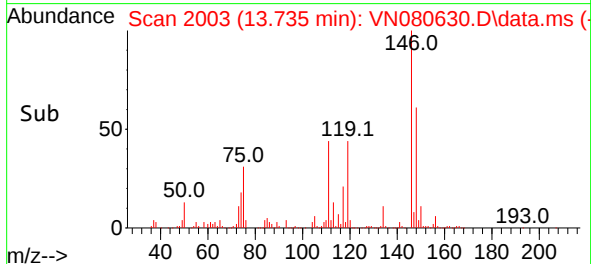
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



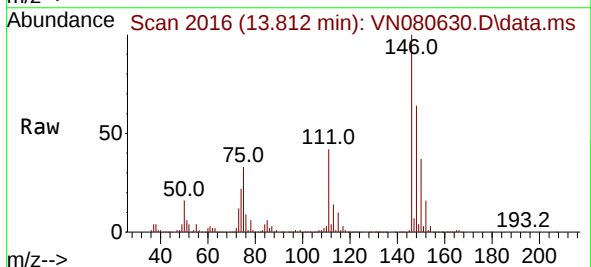
Tgt Ion:146 Resp: 409629
Ion Ratio Lower Upper
146 100
111 42.8 22.1 66.3
148 63.8 32.0 96.0

Manual Integrations
APPROVED

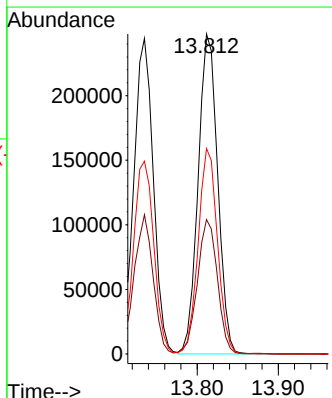
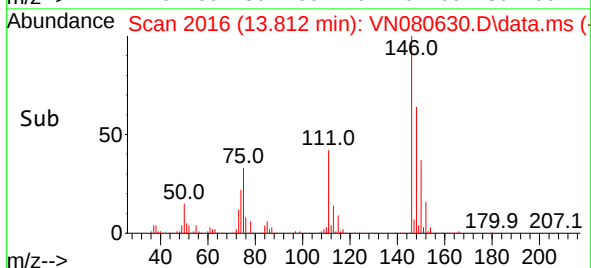
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

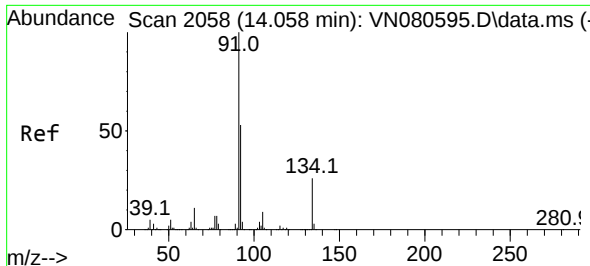


#88
1,4-Dichlorobenzene
Concen: 45.716 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20



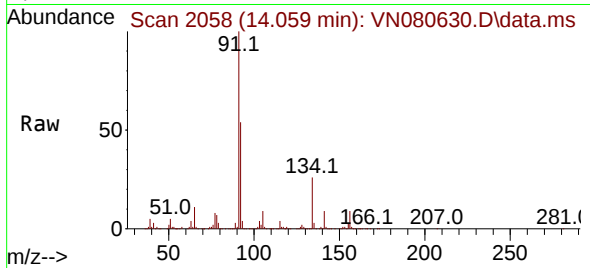
Tgt Ion:146 Resp: 414416
Ion Ratio Lower Upper
146 100
111 42.6 20.6 61.8
148 63.3 31.6 94.8





#89
n-Butylbenzene
Concen: 52.749 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

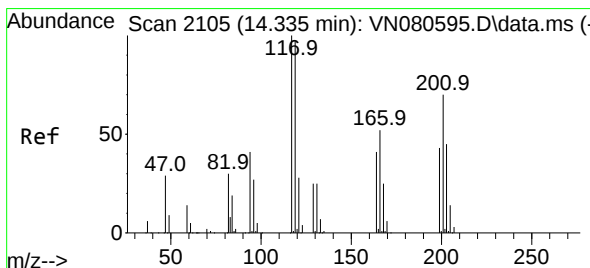
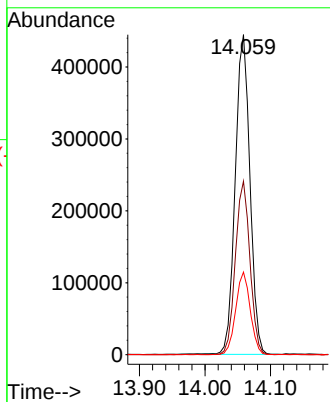
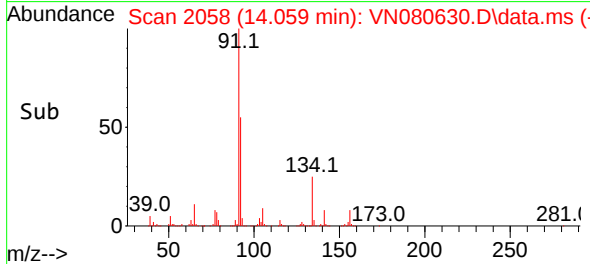
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 693600
Ion Ratio Lower Upper
91 100
92 53.8 26.4 79.0
134 25.7 12.6 37.6

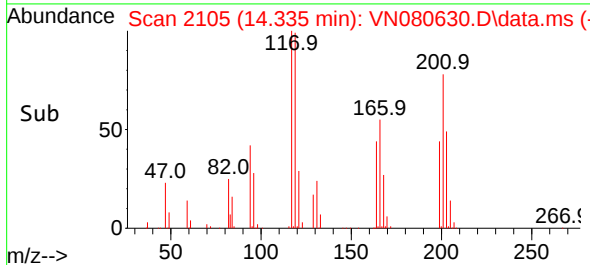
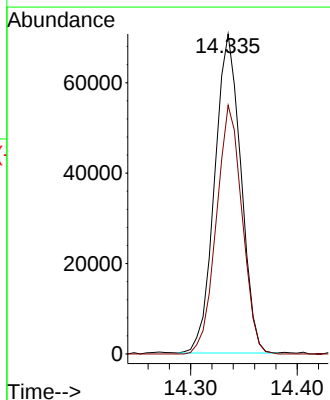
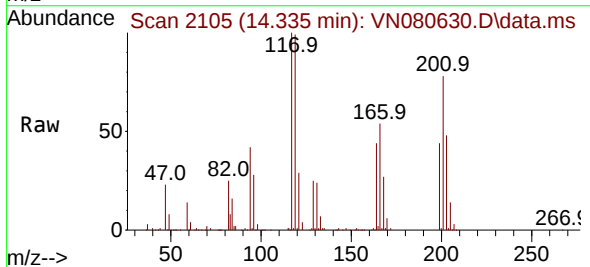
Manual Integrations
APPROVED

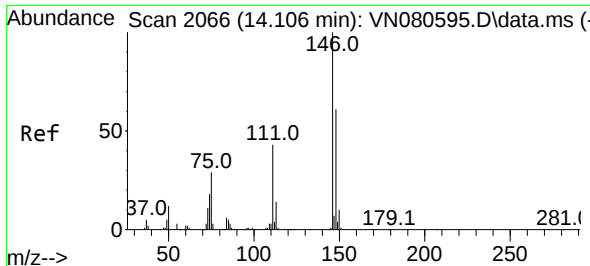
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#90
Hexachloroethane
Concen: 43.752 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

Tgt Ion:117 Resp: 120164
Ion Ratio Lower Upper
117 100
201 76.8 29.3 88.0





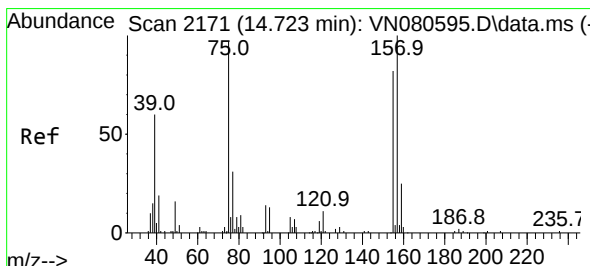
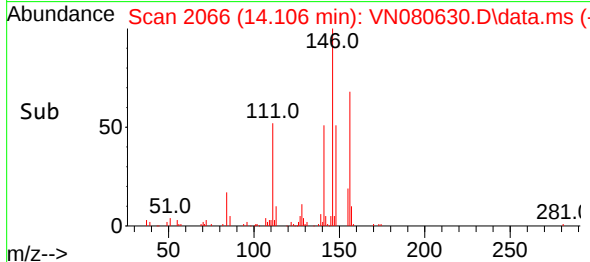
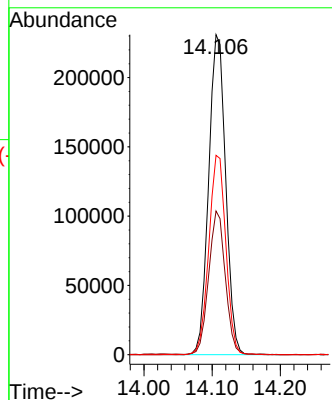
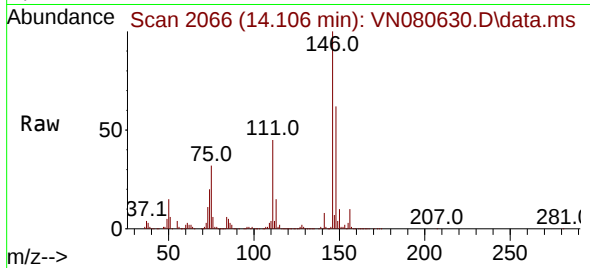
#91
1,2-Dichlorobenzene
Concen: 46.016 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 400529
Ion Ratio Lower Upper
146 100
111 43.7 22.0 66.0
148 62.5 31.8 95.3

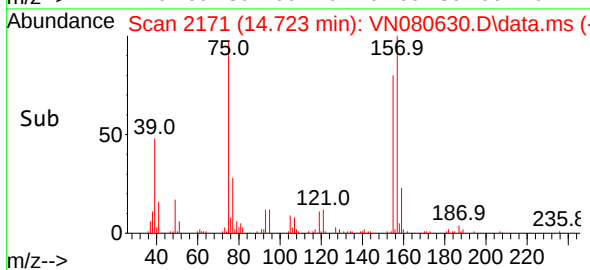
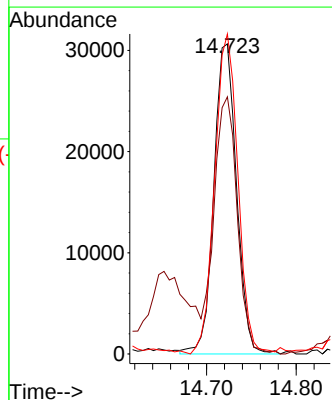
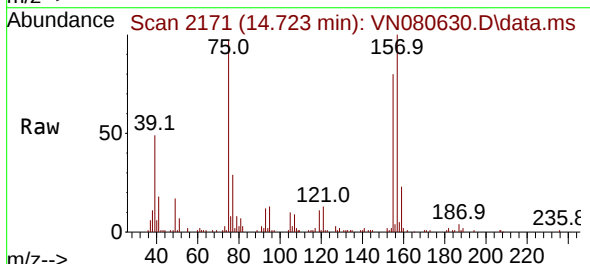
Manual Integrations
APPROVED

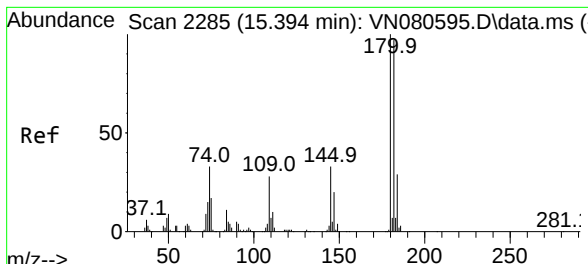
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.100 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

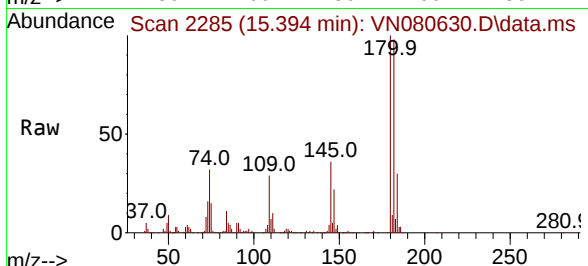
Tgt Ion: 75 Resp: 53809
Ion Ratio Lower Upper
75 100
155 85.3 39.1 117.2
157 105.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 51.078 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20

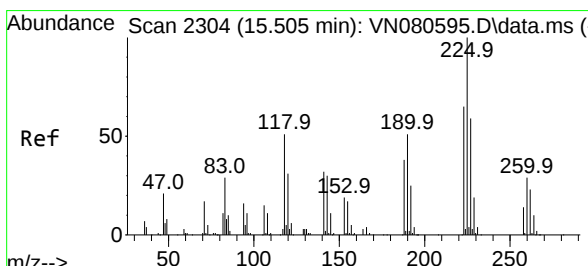
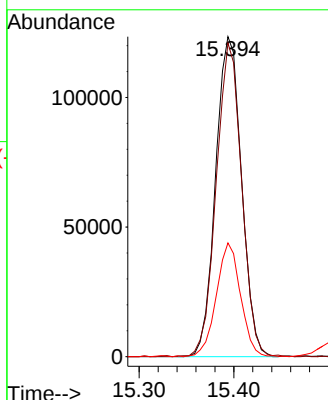
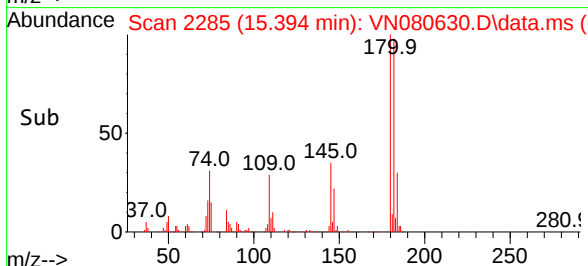
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



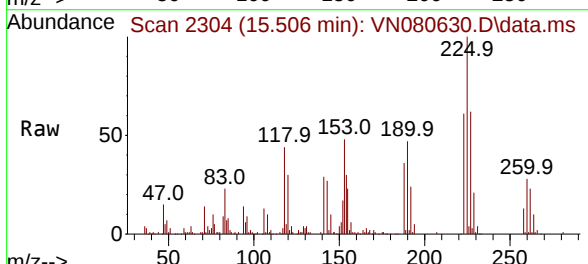
Tgt Ion:180 Resp: 23456
Ion Ratio Lower Upper
180 100
182 96.1 46.1 138.2
145 33.3 16.6 49.8

Manual Integrations
APPROVED

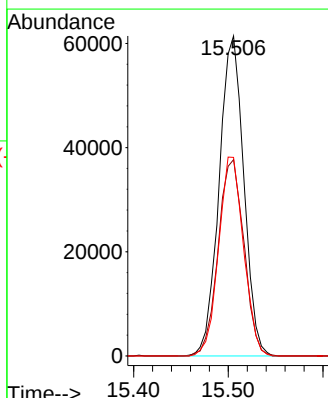
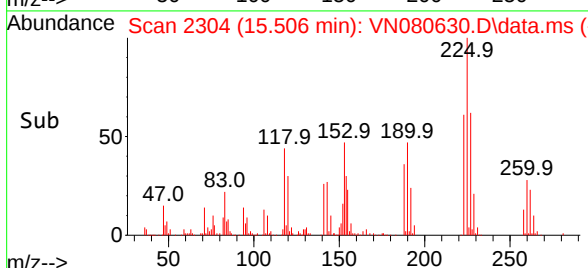
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

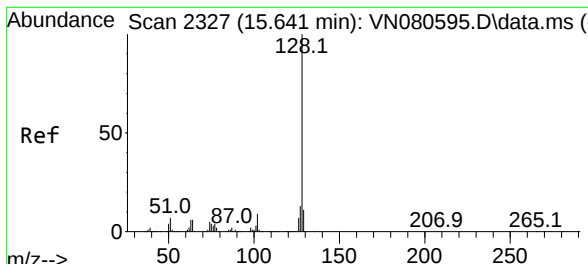


#94
Hexachlorobutadiene
Concen: 46.901 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN080630.D
Acq: 02 Jan 2024 17:20



Tgt Ion:225 Resp: 111152
Ion Ratio Lower Upper
225 100
223 64.0 31.3 93.8
227 62.8 31.9 95.9





#95
 Naphthalene
 Concen: 56.175 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. 0.000 min
 Lab File: VN080630.D
 Acq: 02 Jan 2024 17:20

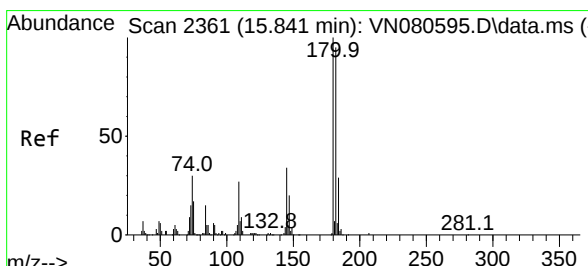
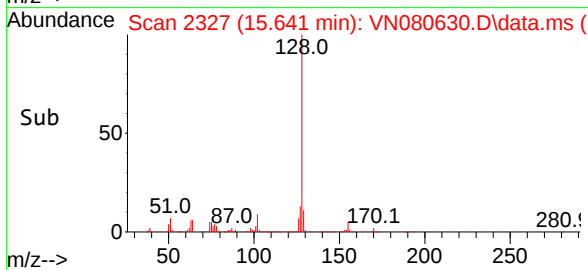
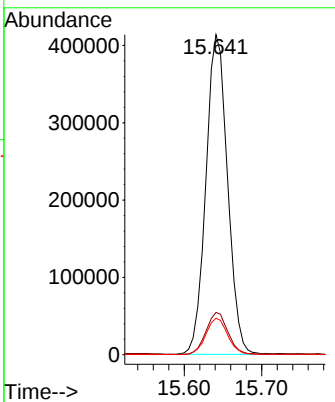
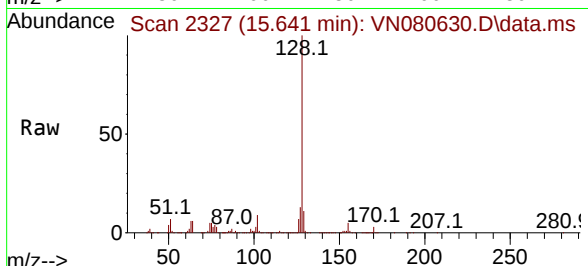
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

Tgt Ion:128 Resp: 80288

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.0	15.0
129	11.5	8.7	13.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/03/2024
 Supervised By :Mahesh Dadoda 01/04/2024



#96
 1,2,3-Trichlorobenzene
 Concen: 47.982 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. 0.000 min
 Lab File: VN080630.D
 Acq: 02 Jan 2024 17:20

Tgt Ion:180 Resp: 222759

Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.2	138.6
145	34.5	17.5	52.6

