

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010324\
 Data File : VN080644.D
 Acq On : 03 Jan 2024 17:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jan 04 02:02:11 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	341196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	553886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	484405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	224198	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	223083	50.972	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.940%	
35) Dibromofluoromethane	8.165	113	184901	51.615	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.240%	
50) Toluene-d8	10.565	98	700936	56.041	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.080%	
62) 4-Bromofluorobenzene	12.853	95	248371	59.004	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 118.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	185380	48.911	ug/l	98
3) Chloromethane	2.359	50	258406	61.931	ug/l	98
4) Vinyl Chloride	2.518	62	231839	54.967	ug/l	98
5) Bromomethane	2.948	94	96120	59.971	ug/l	96
6) Chloroethane	3.118	64	136254	51.743	ug/l	100
7) Trichlorofluoromethane	3.500	101	299584	49.744	ug/l	97
8) Diethyl Ether	3.959	74	113275	54.770	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.371	101	168367	51.214	ug/l	95
10) Methyl Iodide	4.589	142	121846	53.645	ug/l	100
11) Tert butyl alcohol	5.506	59	127508	216.556	ug/l	99
12) 1,1-Dichloroethene	4.336	96	168352	53.388	ug/l	94
13) Acrolein	4.171	56	246295	369.969	ug/l	97
14) Allyl chloride	5.018	41	224849	46.968	ug/l	94
15) Acrylonitrile	5.712	53	396326	236.003	ug/l	99
16) Acetone	4.424	43	254971	214.315	ug/l	99
17) Carbon Disulfide	4.712	76	399013	47.054	ug/l	99
18) Methyl Acetate	5.018	43	322845	48.947	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	588600	51.847	ug/l	99
20) Methylene Chloride	5.277	84	198730	52.352	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	181527	47.644	ug/l	84
22) Diisopropyl ether	6.665	45	553875	52.087	ug/l	91
23) Vinyl Acetate	6.600	43	1362949	231.098	ug/l	93
24) 1,1-Dichloroethane	6.565	63	346327	48.591	ug/l	99
25) 2-Butanone	7.483	43	434988	195.624	ug/l	90
26) 2,2-Dichloropropane	7.488	77	306971	49.478	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	217278	47.946	ug/l	90
28) Bromochloromethane	7.812	49	142504	43.000	ug/l	92
29) Tetrahydrofuran	7.835	42	296481	204.448	ug/l	86
30) Chloroform	7.965	83	369690	51.664	ug/l	94
31) Cyclohexane	8.259	56	251096	42.405	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	327527	50.762	ug/l	99
36) 1,1-Dichloropropene	8.371	75	260165	47.189	ug/l	97
37) Ethyl Acetate	7.553	43	179627	43.179	ug/l	98
38) Carbon Tetrachloride	8.365	117	284035	50.360	ug/l	98
39) Methylcyclohexane	9.600	83	236784	52.363	ug/l	89
40) Benzene	8.606	78	796717	49.560	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	113830	44.371	ug/l	90
42) 1,2-Dichloroethane	8.671	62	271880	53.223	ug/l	99
43) Isopropyl Acetate	8.688	43	316981	47.010	ug/l	98
44) Trichloroethene	9.353	130	197238	47.927	ug/l	98
45) 1,2-Dichloropropane	9.624	63	201802	53.858	ug/l	93
46) Dibromomethane	9.706	93	131240	52.059	ug/l	89
47) Bromodichloromethane	9.888	83	289531	54.791	ug/l	97
48) Methyl methacrylate	9.682	41	191094	51.041	ug/l #	85
49) 1,4-Dioxane	9.694	88	53461	893.374	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	946542	246.809	ug/l	100
52) Toluene	10.629	92	491686	56.090	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	298869	56.101	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	330061	55.358	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	191333	55.026	ug/l	96
56) Ethyl methacrylate	10.876	69	202440	59.437	ug/l #	90
57) 1,3-Dichloropropane	11.165	76	332518	56.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	749168	311.478	ug/l	95
59) 2-Hexanone	11.194	43	679322	235.017	ug/l	100
60) Dibromochloromethane	11.359	129	212388	54.853	ug/l	98
61) 1,2-Dibromoethane	11.471	107	185287	52.850	ug/l	98
64) Tetrachloroethene	11.106	164	162703	50.266	ug/l	97
65) Chlorobenzene	11.894	112	510357	50.645	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	197462	50.941	ug/l	96
67) Ethyl Benzene	11.965	91	895131	53.133	ug/l	97
68) m/p-Xylenes	12.070	106	669737	107.140	ug/l	93
69) o-Xylene	12.400	106	328228	53.463	ug/l	93
70) Styrene	12.412	104	503765	56.426	ug/l	97
71) Bromoform	12.582	173	139117	50.735	ug/l #	100
73) Isopropylbenzene	12.700	105	825157	53.774	ug/l	98
74) N-amyl acetate	12.494	43	258268	47.708	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	245984	46.452	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	221585m	45.952	ug/l	
77) Bromobenzene	12.982	156	205372	50.391	ug/l	99
78) n-propylbenzene	13.035	91	938589	53.487	ug/l	99
79) 2-Chlorotoluene	13.129	91	596729	52.089	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	698245	53.889	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	78630	44.169	ug/l #	85
82) 4-Chlorotoluene	13.223	91	602408	51.419	ug/l	98
83) tert-Butylbenzene	13.441	119	559200	51.638	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	700705	53.409	ug/l	99
85) sec-Butylbenzene	13.617	105	743077	51.853	ug/l	99
86) p-Isopropyltoluene	13.729	119	654345	48.066	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	356669	48.559	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	353076	47.820	ug/l	98
89) n-Butylbenzene	14.059	91	550736	51.423	ug/l	99
90) Hexachloroethane	14.335	117	110460	49.379	ug/l	80
91) 1,2-Dichlorobenzene	14.106	146	342337	48.288	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	44855	41.040	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	186693	49.912	ug/l	98
94) Hexachlorobutadiene	15.506	225	93112	48.237	ug/l	99
95) Naphthalene	15.641	128	568169	48.807	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	176880	46.777	ug/l	97

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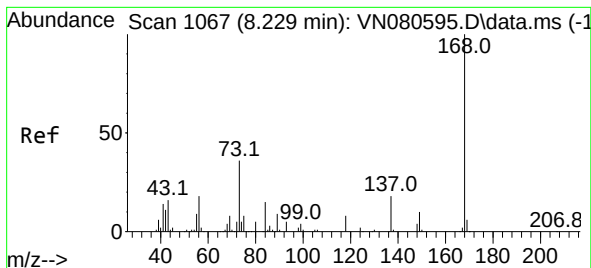
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 01/04/2024

Quant Time: Jan 04 02:02:11 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)
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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# 10

Delta R.T. -0.005 min

Lab File: VN080644.D

Acq: 03 Jan 2024 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 341190

Ion Ratio Lower Upper

168 100

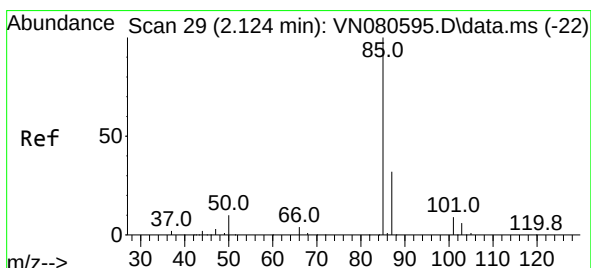
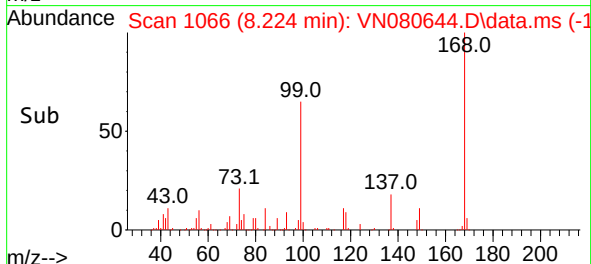
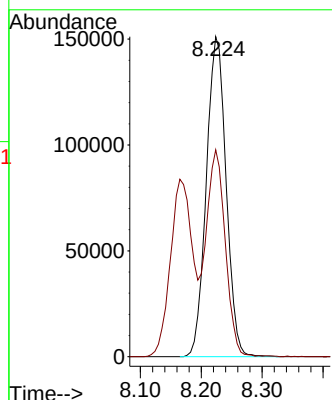
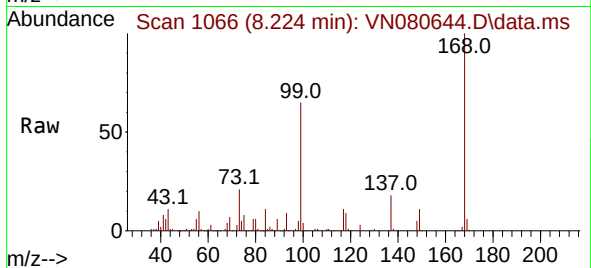
99 64.6 53.0 79.6

Manual Integrations

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Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#2

Dichlorodifluoromethane

Concen: 48.911 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080644.D

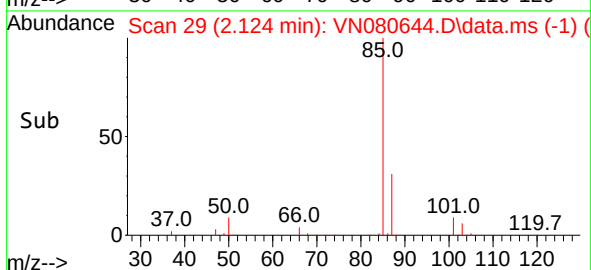
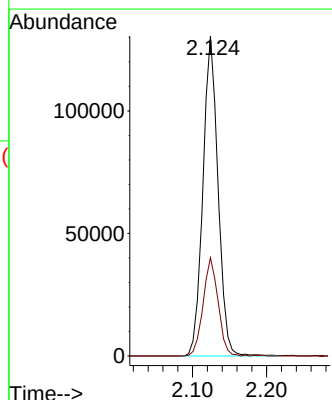
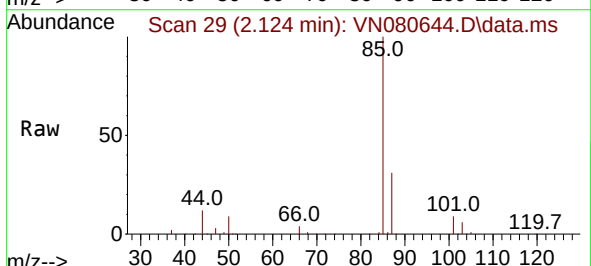
Acq: 03 Jan 2024 17:07

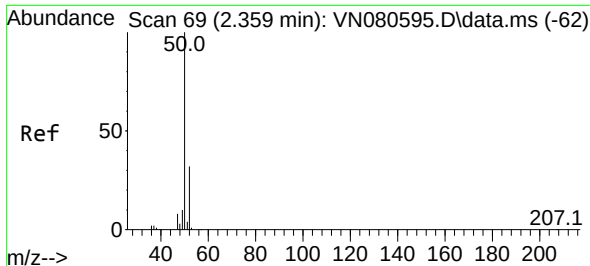
Tgt Ion: 85 Resp: 185380

Ion Ratio Lower Upper

85 100

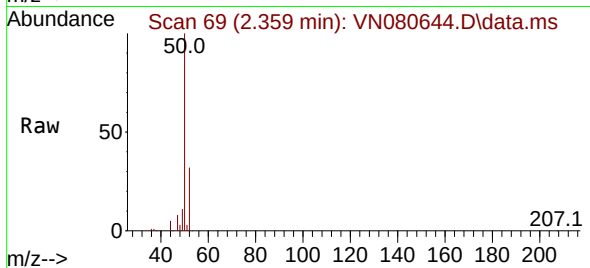
87 30.7 15.8 47.4





#3
Chloromethane
Concen: 61.931 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

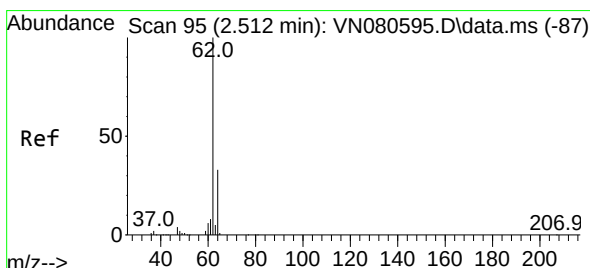
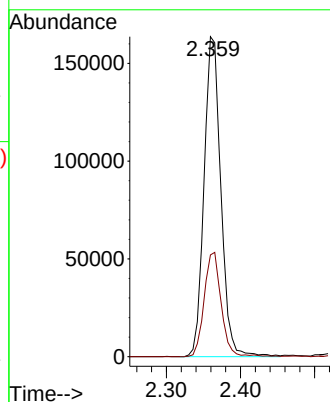
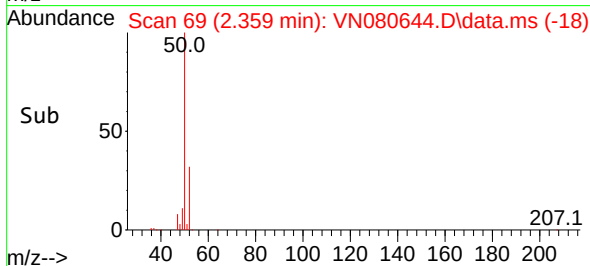
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 258400
Ion Ratio Lower Upper
50 100
52 31.8 26.5 39.7

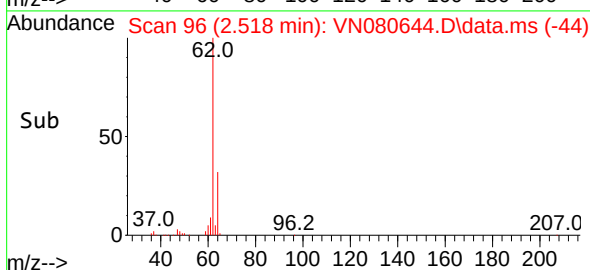
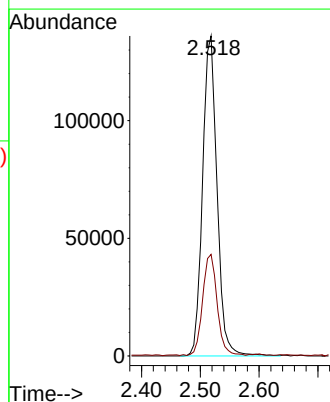
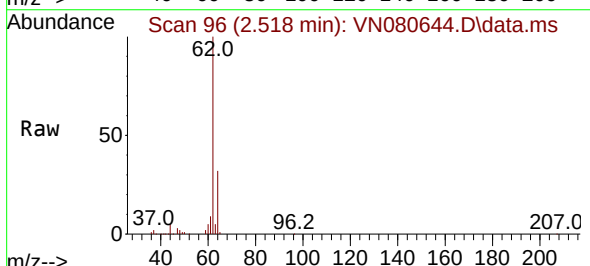
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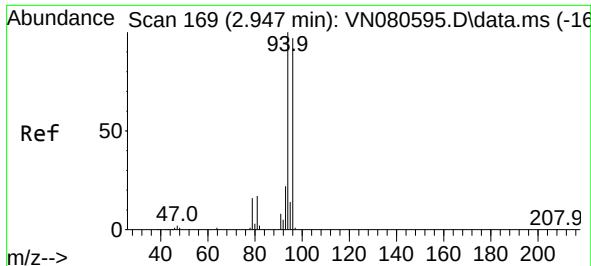
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#4
Vinyl Chloride
Concen: 54.967 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

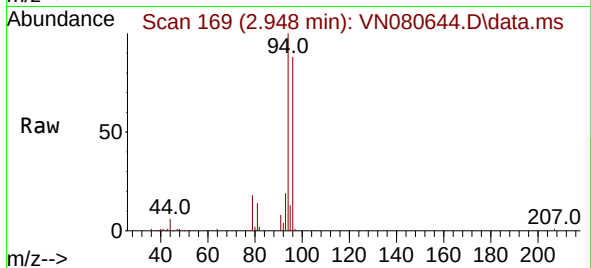
Tgt Ion: 62 Resp: 231839
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.2





#5
Bromomethane
Concen: 59.971 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

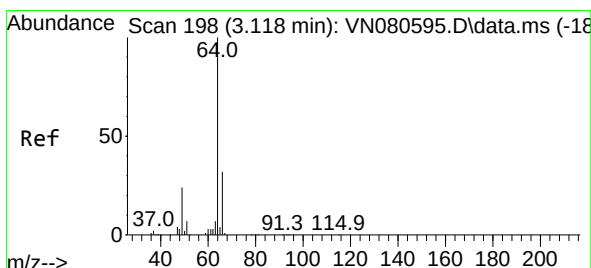
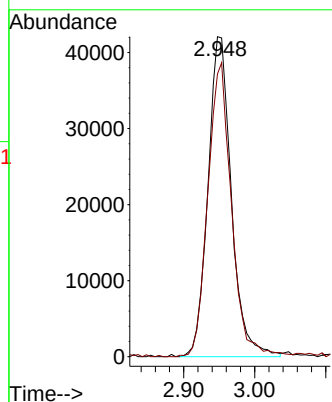
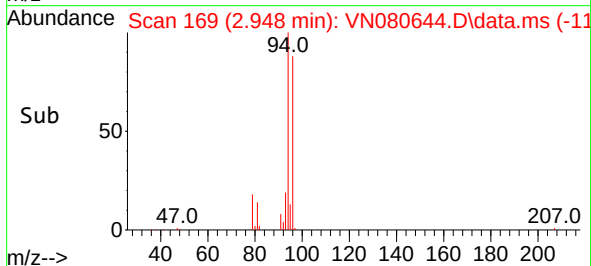
Instrument :
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Tgt Ion: 94 Resp: 96120
Ion Ratio Lower Upper
94 100
96 87.9 73.1 109.7

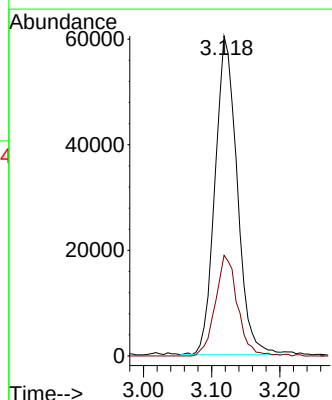
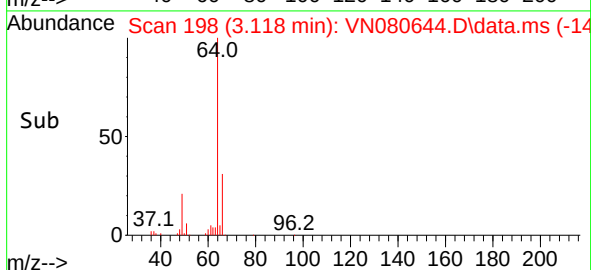
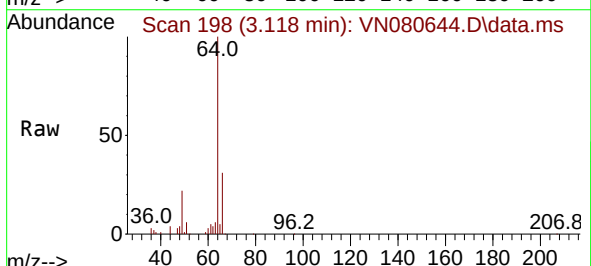
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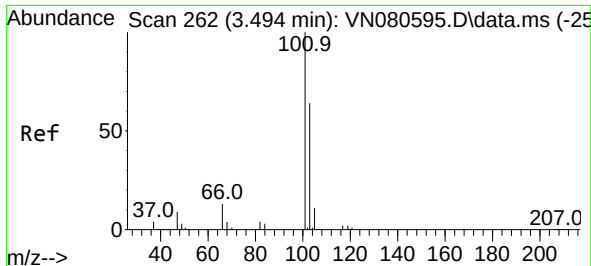
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#6
Chloroethane
Concen: 51.743 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

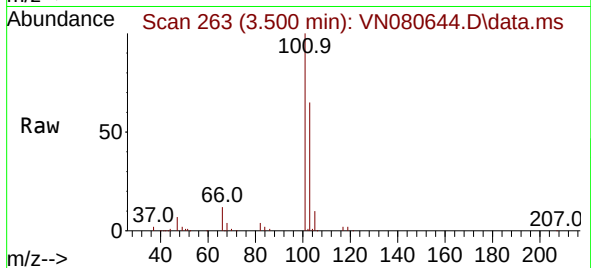
Tgt Ion: 64 Resp: 136254
Ion Ratio Lower Upper
64 100
66 31.6 25.4 38.2





#7
Trichlorofluoromethane
Concen: 49.744 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

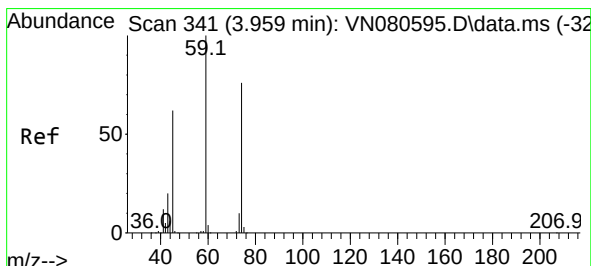
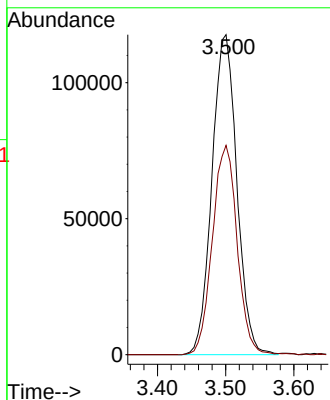
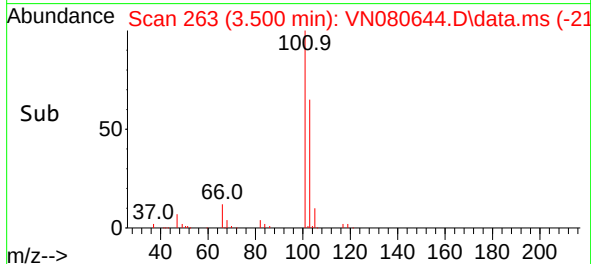
Instrument :
MSVOA_N
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VSTDCCC050EC



Tgt Ion:101 Resp: 299584
Ion Ratio Lower Upper
101 100
103 65.4 50.7 76.1

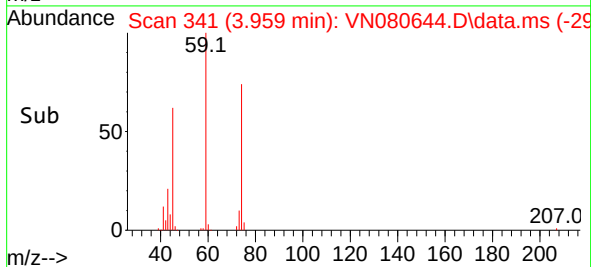
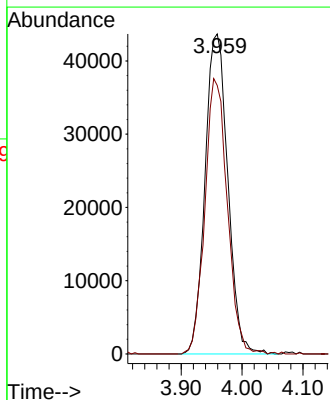
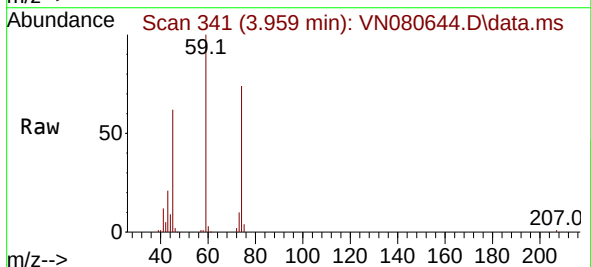
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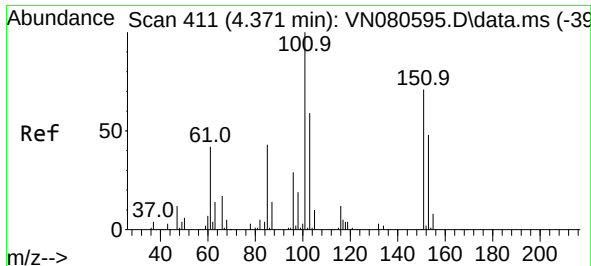
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#8
Diethyl Ether
Concen: 54.770 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

Tgt Ion: 74 Resp: 113275
Ion Ratio Lower Upper
74 100
45 84.9 34.4 103.3





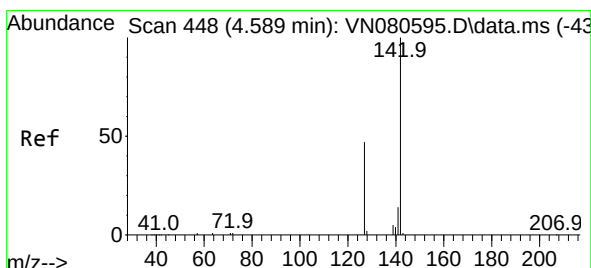
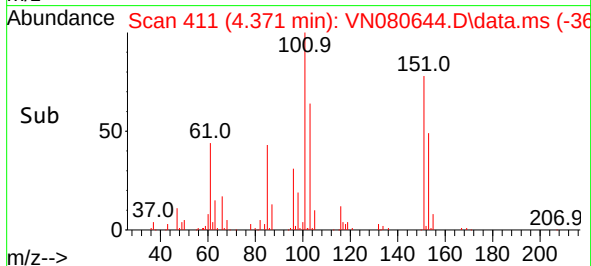
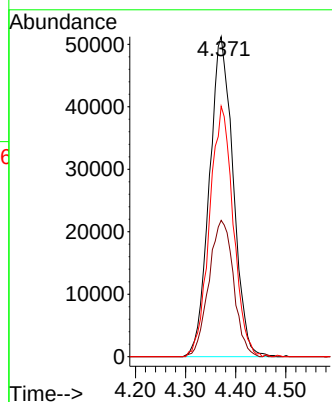
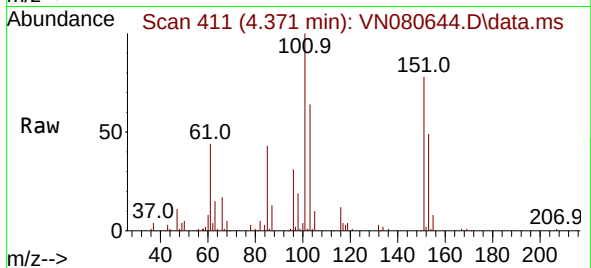
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.214 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 16836
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 77.9 57.6 86.4

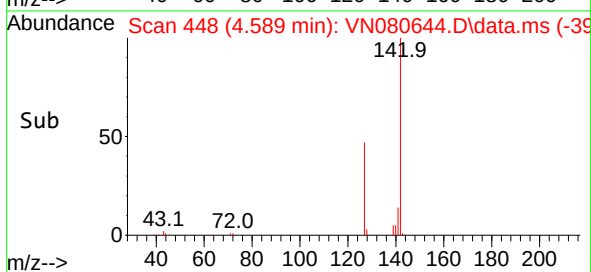
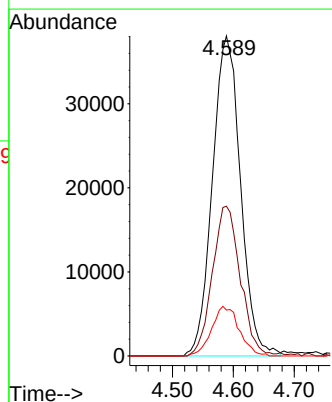
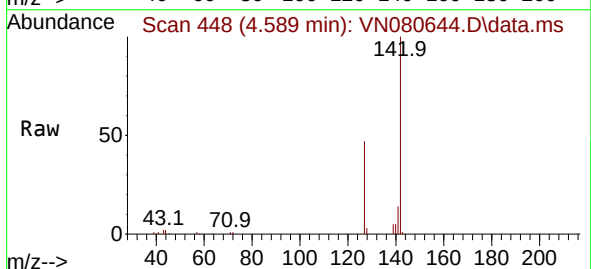
Manual Integrations
APPROVED

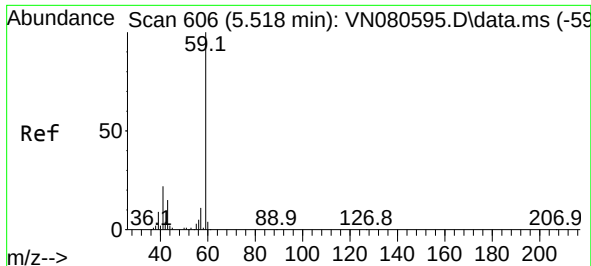
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#10
Methyl Iodide
Concen: 53.645 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

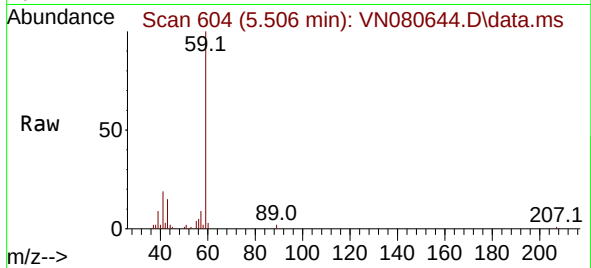
Tgt Ion:142 Resp: 121846
Ion Ratio Lower Upper
142 100
127 46.8 37.6 56.4
141 14.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 216.556 ug/l
RT: 5.506 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

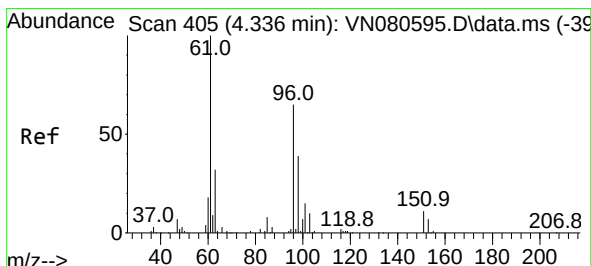
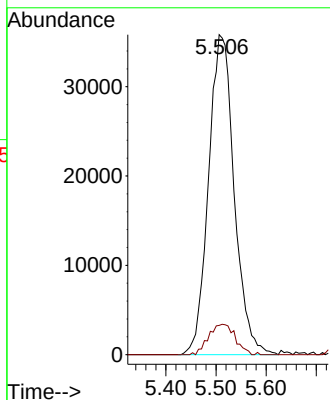
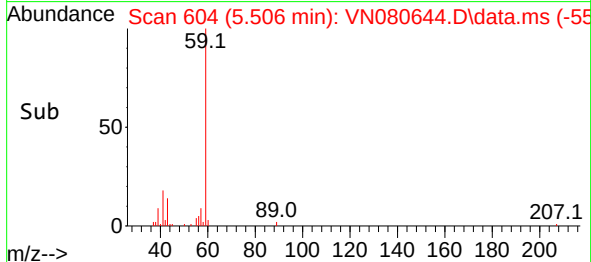
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 127508
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4

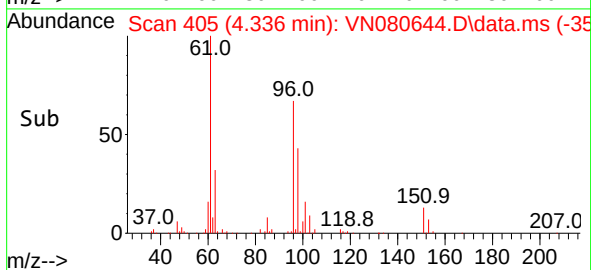
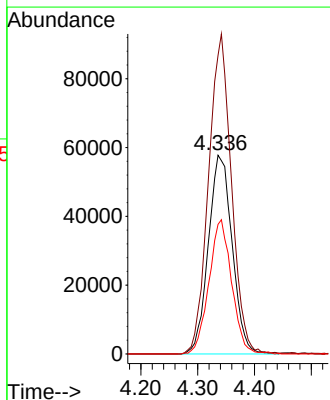
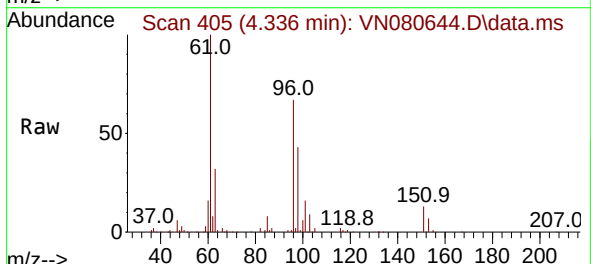
Manual Integrations
APPROVED

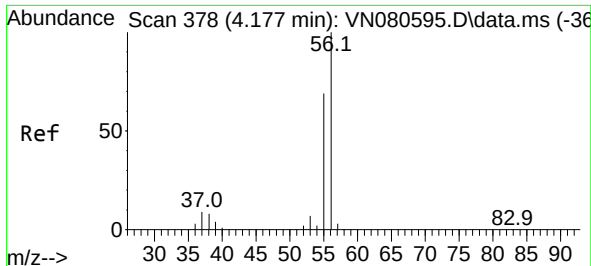
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#12
1,1-Dichloroethene
Concen: 53.388 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

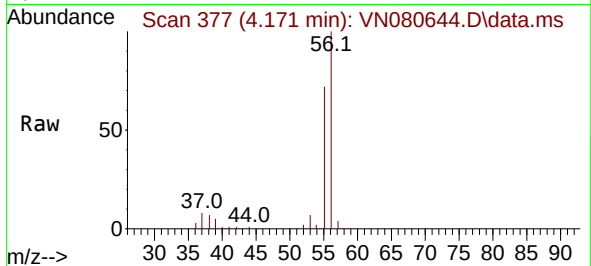
Tgt Ion: 96 Resp: 168352
Ion Ratio Lower Upper
96 100
61 150.3 112.7 169.1
98 65.2 51.2 76.8





#13
Acrolein
Concen: 369.969 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

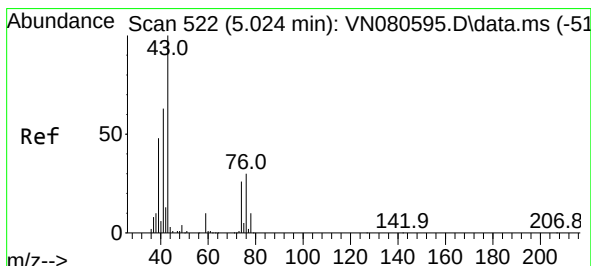
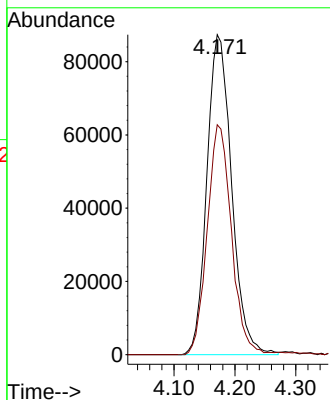
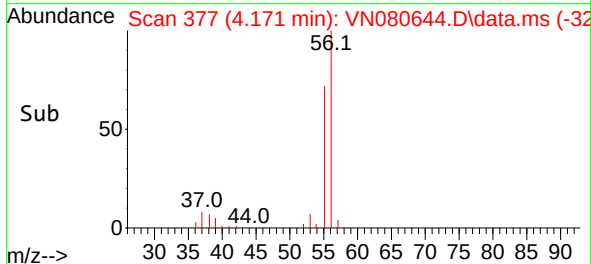
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 24629
Ion Ratio Lower Upper
56 100
55 70.1 54.5 81.7

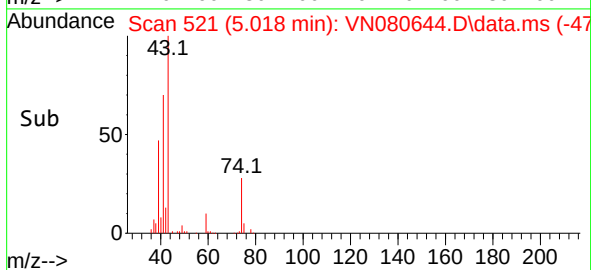
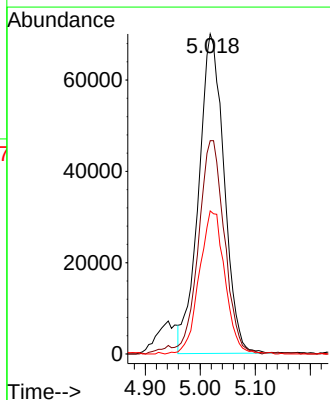
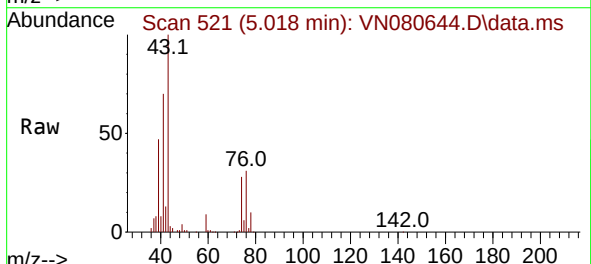
Manual Integrations
APPROVED

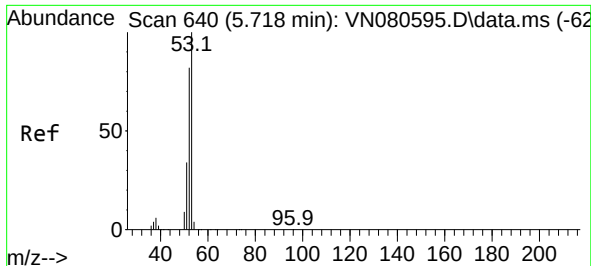
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#14
Allyl chloride
Concen: 46.968 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

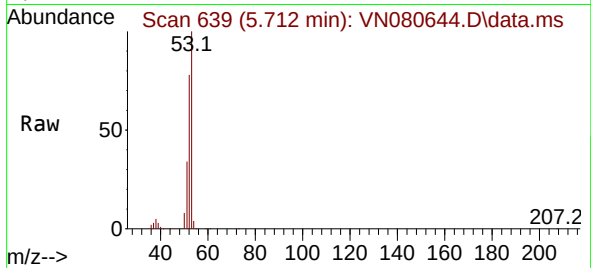
Tgt Ion: 41 Resp: 224849
Ion Ratio Lower Upper
41 100
39 68.1 58.8 88.2
76 45.2 39.1 58.7





#15
Acrylonitrile
Concen: 236.003 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

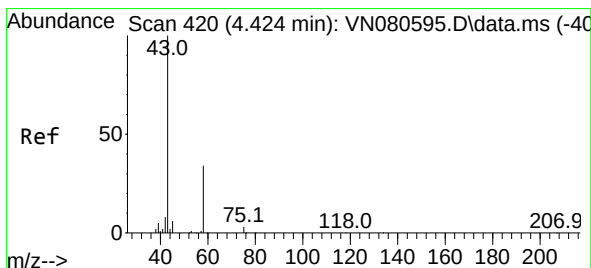
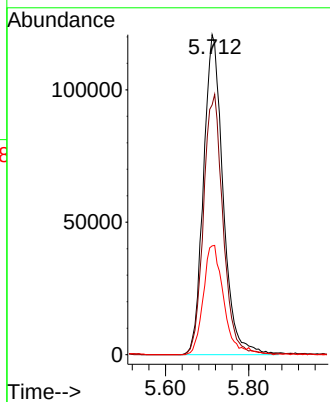
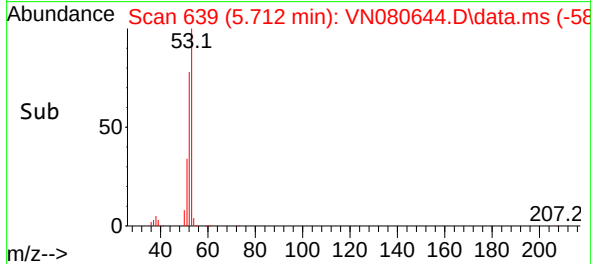
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 396320
Ion Ratio Lower Upper
53 100
52 80.8 65.3 97.9
51 35.8 28.9 43.3

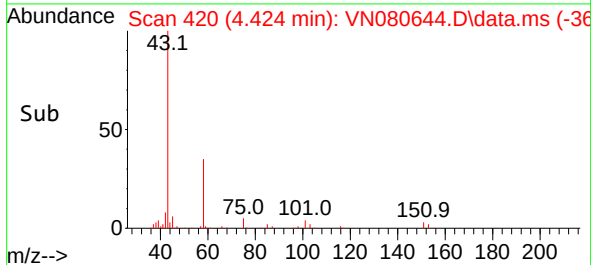
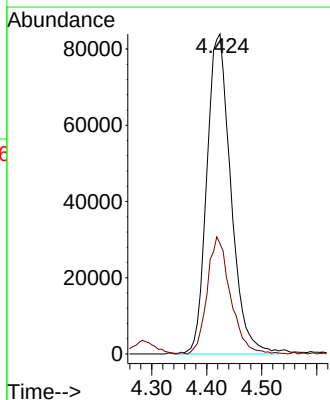
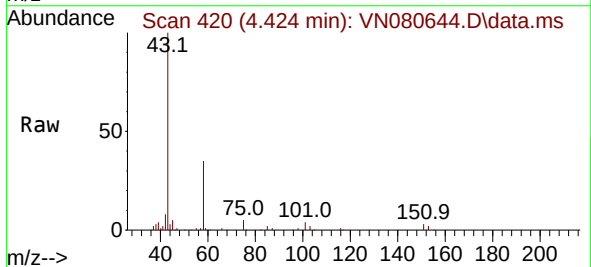
Manual Integrations
APPROVED

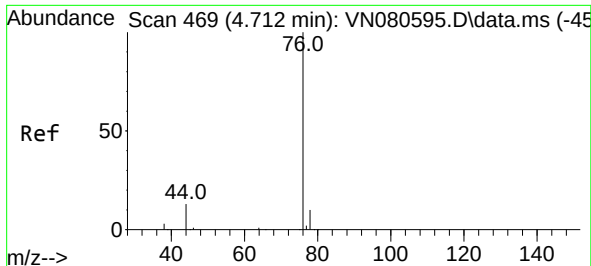
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#16
Acetone
Concen: 214.315 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

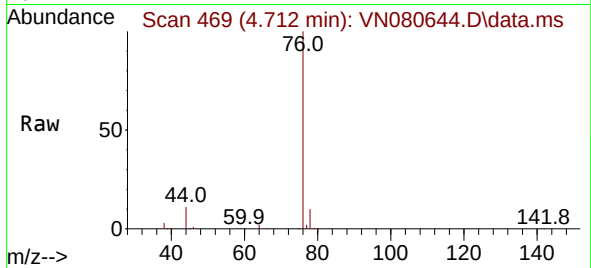
Tgt Ion: 43 Resp: 254971
Ion Ratio Lower Upper
43 100
58 34.3 28.0 42.0





#17
Carbon Disulfide
Concen: 47.054 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

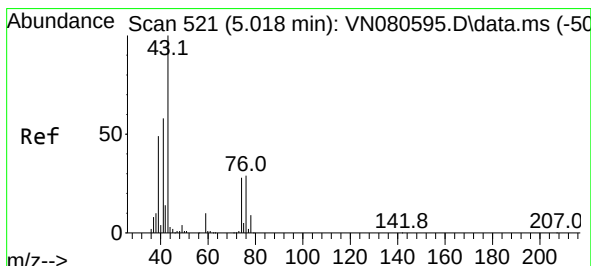
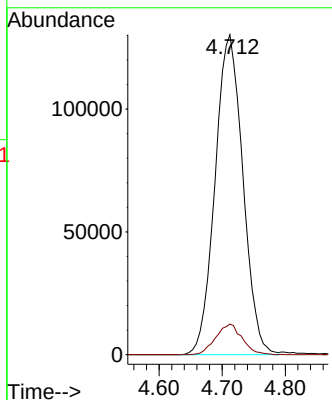
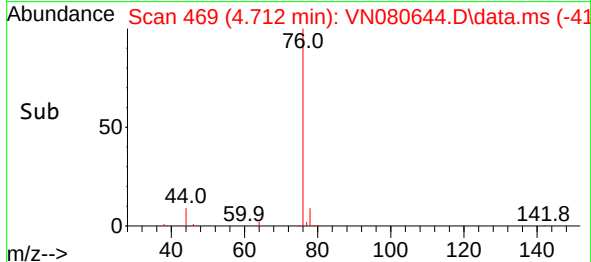
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 39901
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

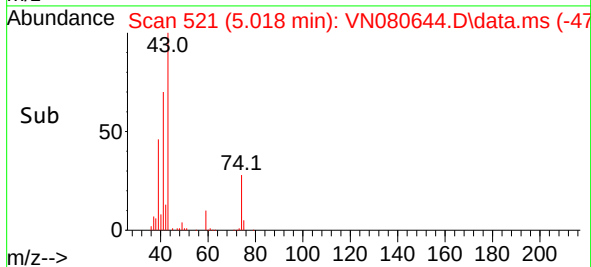
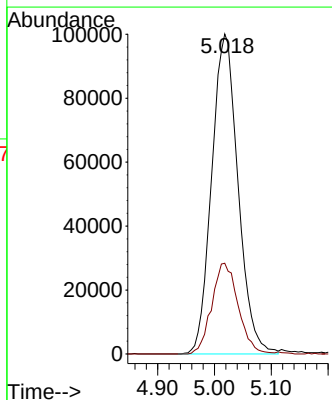
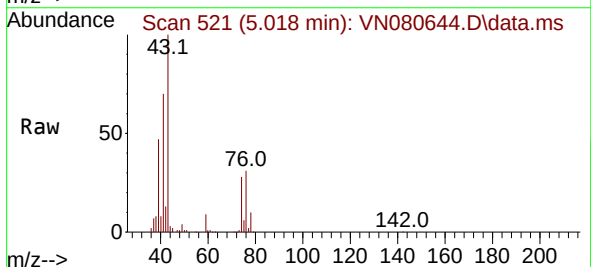
Manual Integrations
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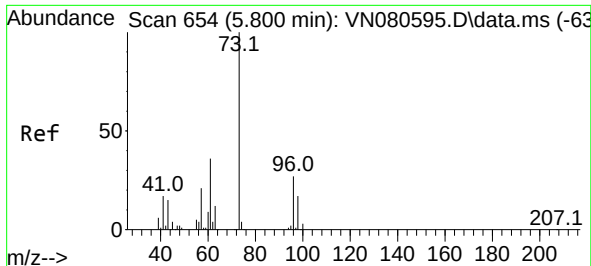
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#18
Methyl Acetate
Concen: 48.947 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

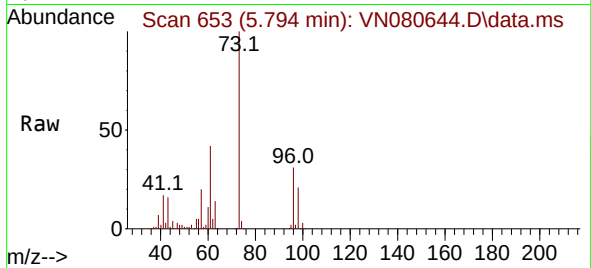
Tgt Ion: 43 Resp: 322845
Ion Ratio Lower Upper
43 100
74 28.4 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 51.847 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

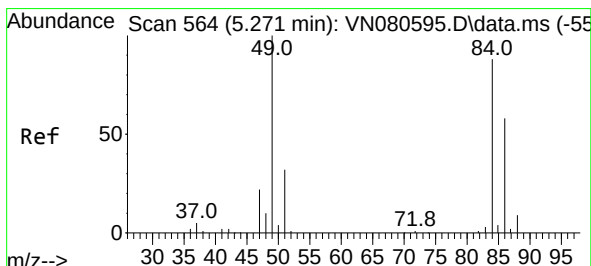
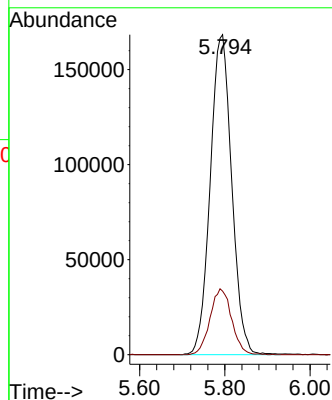
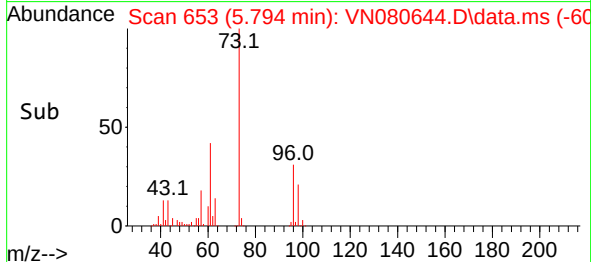
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



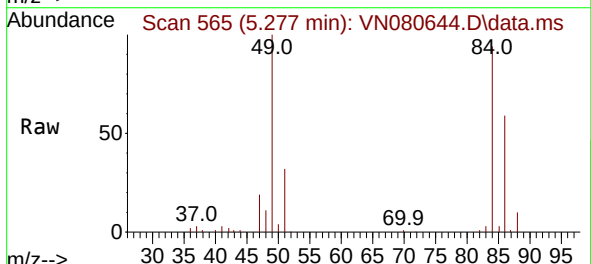
Tgt Ion: 73 Resp: 588600
Ion Ratio Lower Upper
73 100
57 19.8 15.6 23.4

Manual Integrations
APPROVED

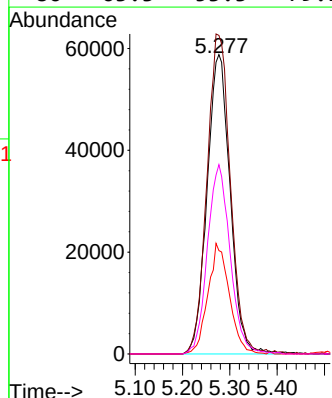
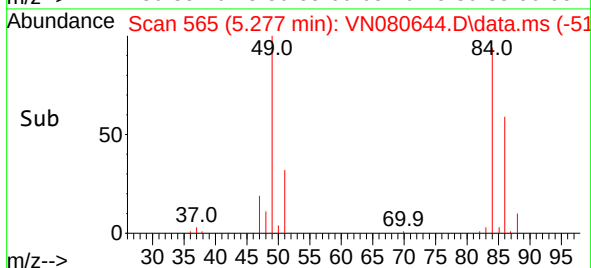
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

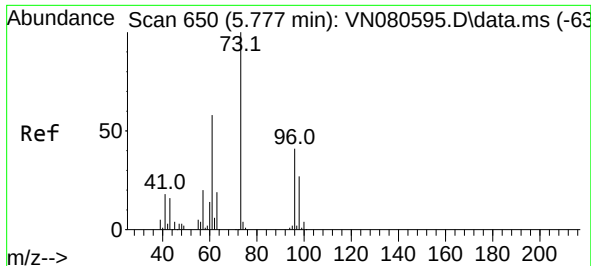


#20
Methylene Chloride
Concen: 52.352 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07



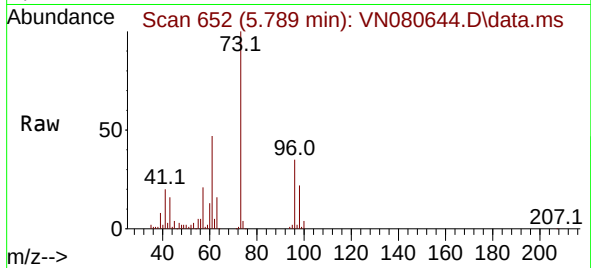
Tgt Ion: 84 Resp: 198730
Ion Ratio Lower Upper
84 100
49 106.4 79.7 119.5
51 34.5 25.2 37.8
86 63.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 47.644 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

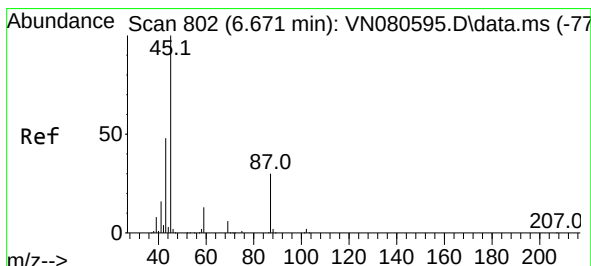
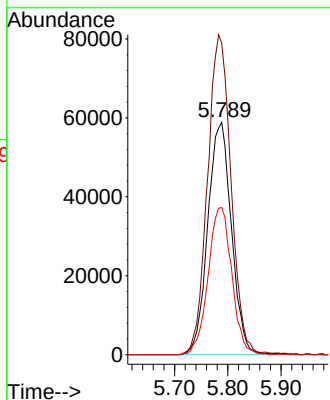
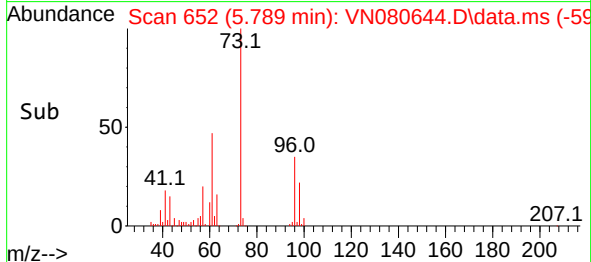
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 18152
Ion Ratio Lower Upper
96 100
61 133.9 90.1 135.1
98 63.4 46.4 69.6

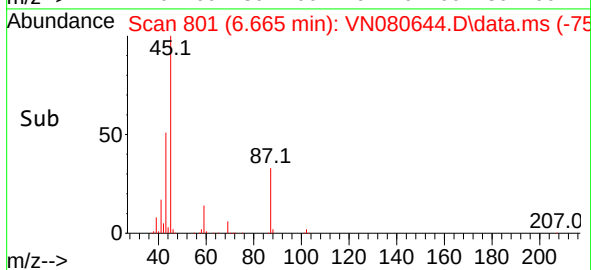
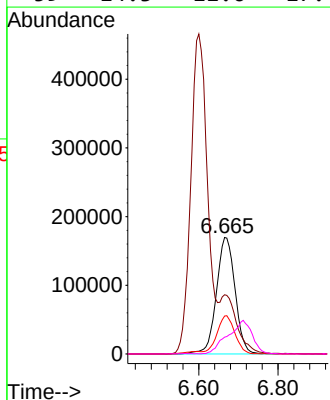
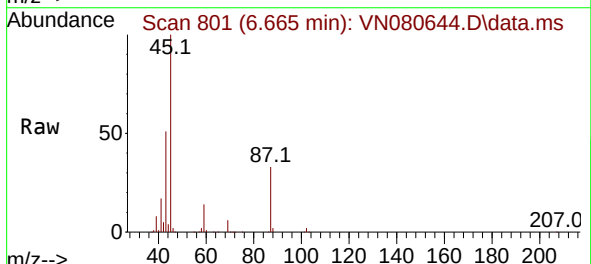
Manual Integrations
APPROVED

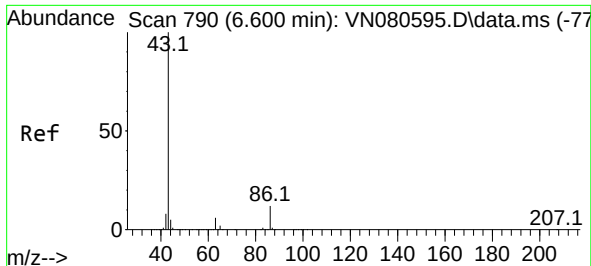
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#22
Diisopropyl ether
Concen: 52.087 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

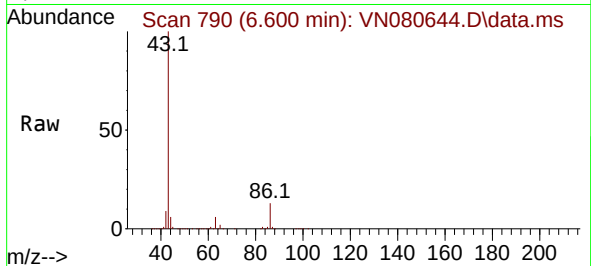
Tgt Ion: 45 Resp: 553875
Ion Ratio Lower Upper
45 100
43 50.3 45.5 68.3
87 32.6 31.8 47.8
59 14.3 11.6 17.4





#23
 Vinyl Acetate
 Concen: 231.098 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080644.D
 Acq: 03 Jan 2024 17:07

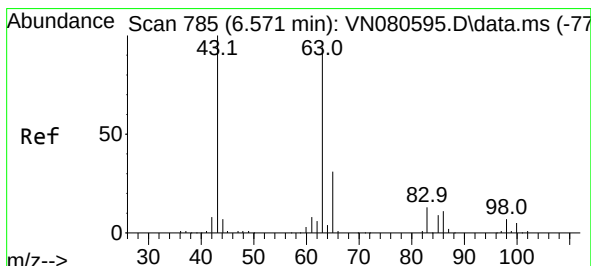
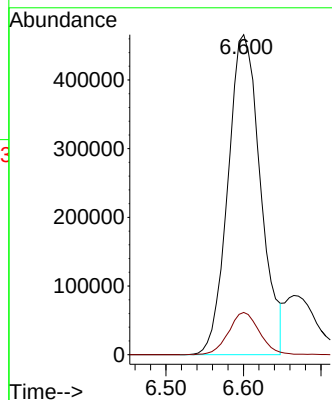
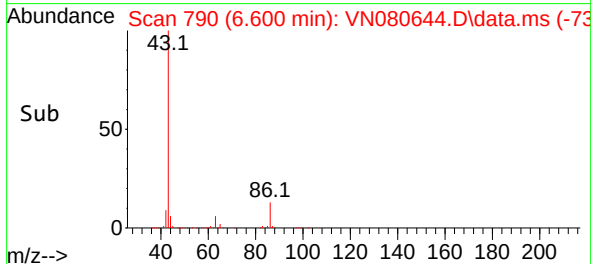
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



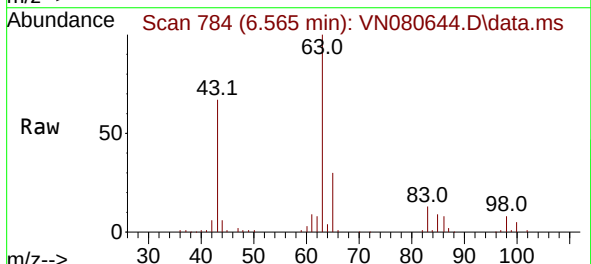
Tgt Ion: 43 Resp: 1362949
 Ion Ratio Lower Upper
 43 100
 86 13.2 13.0 19.6

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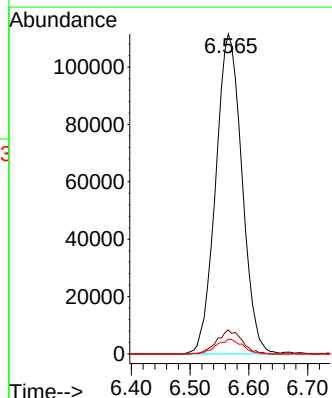
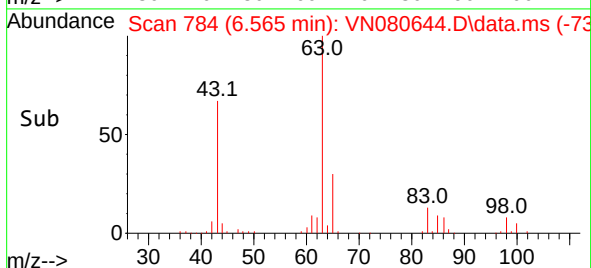
Reviewed By :John Carlone 01/04/2024
 Supervised By :Mahesh Dadoda 01/04/2024

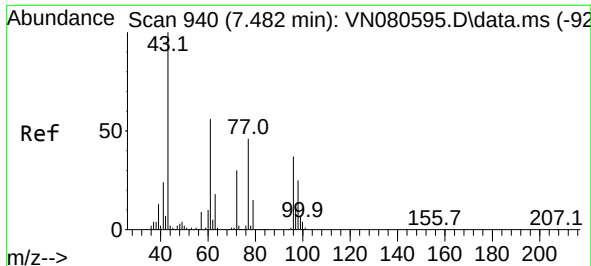


#24
 1,1-Dichloroethane
 Concen: 48.591 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080644.D
 Acq: 03 Jan 2024 17:07



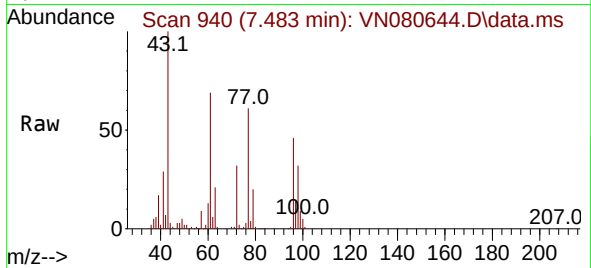
Tgt Ion: 63 Resp: 346327
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 4.7 2.5 7.4





#25
2-Butanone
Concen: 195.624 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

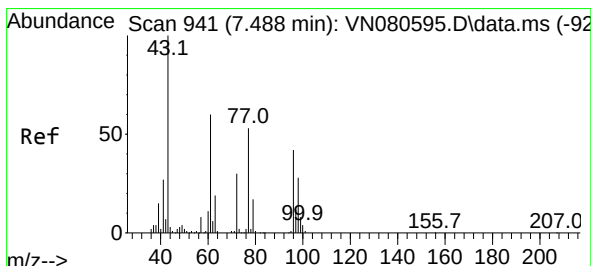
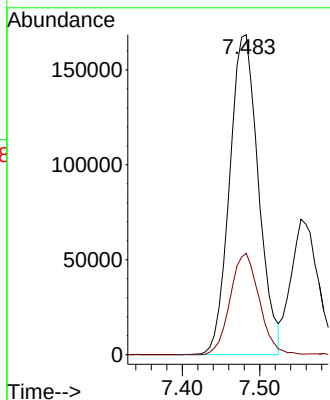
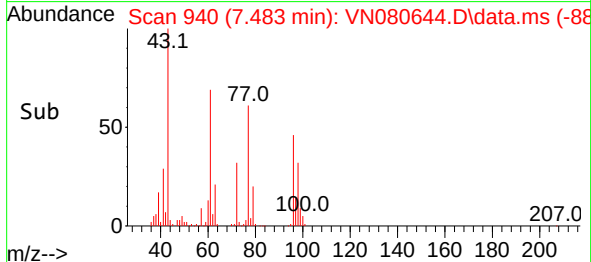
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



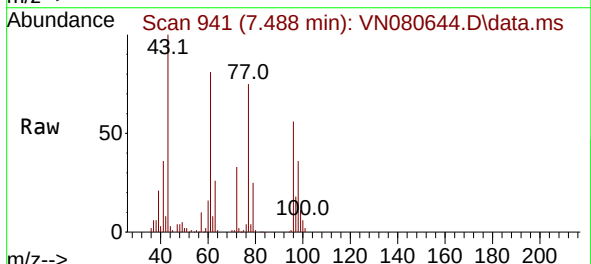
Tgt Ion: 43 Resp: 434988
Ion Ratio Lower Upper
43 100
72 31.7 30.2 45.2

Manual Integrations
APPROVED

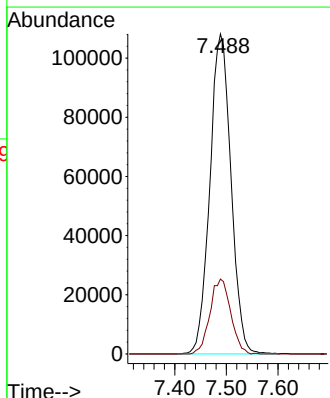
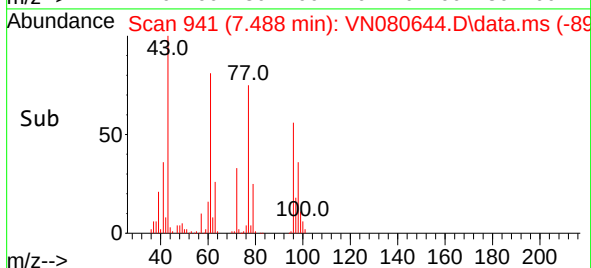
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

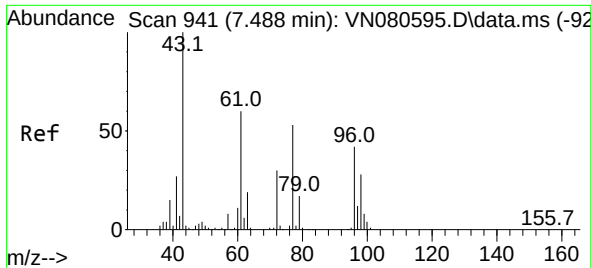


#26
2,2-Dichloropropane
Concen: 49.478 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07



Tgt Ion: 77 Resp: 306971
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6





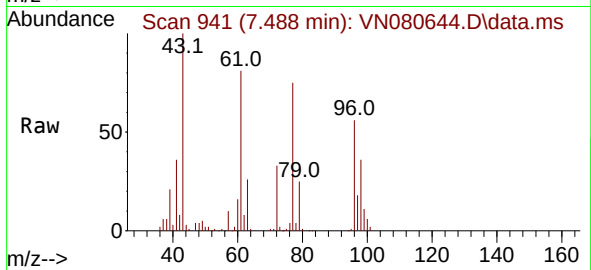
#27
 cis-1,2-Dichloroethene
 Concen: 47.946 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080644.D
 Acq: 03 Jan 2024 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



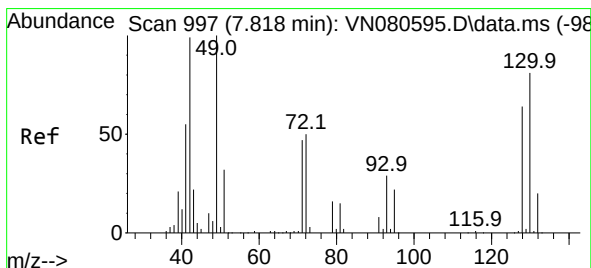
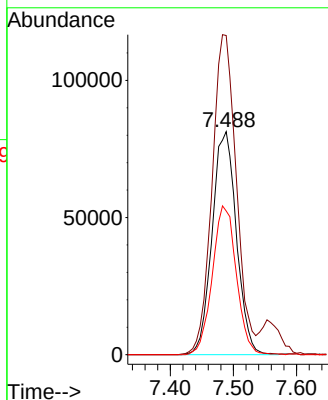
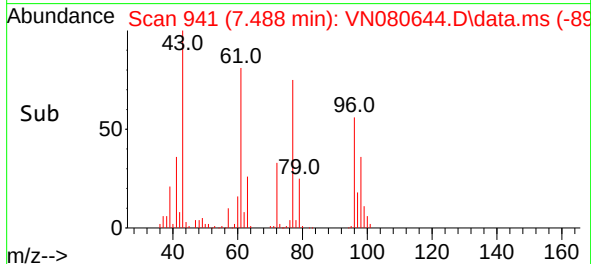
Tgt Ion: 96 Resp: 217278
 Ion Ratio Lower Upper
 96 100
 61 143.4 0.0 255.2
 98 66.1 0.0 128.8

Manual Integrations

APPROVED

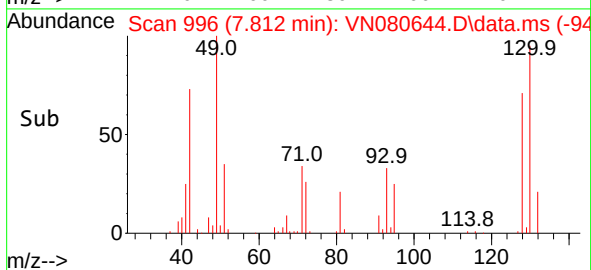
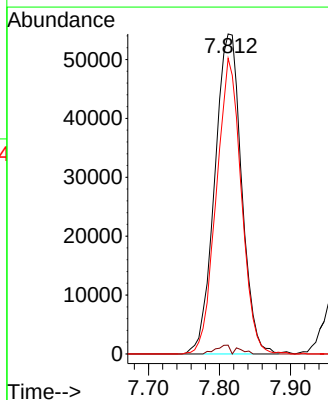
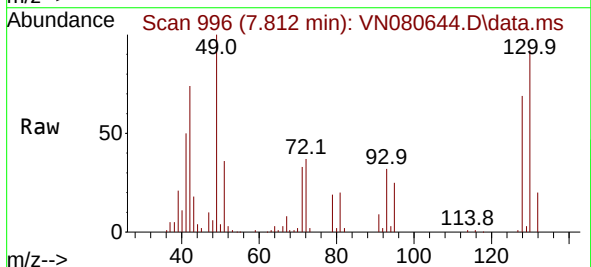
Reviewed By :John Carlone 01/04/2024

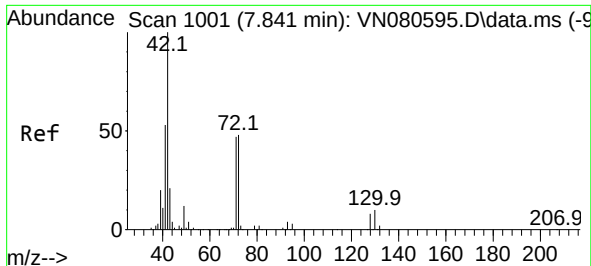
Supervised By :Mahesh Dadoda 01/04/2024



#28
 Bromochloromethane
 Concen: 43.000 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080644.D
 Acq: 03 Jan 2024 17:07

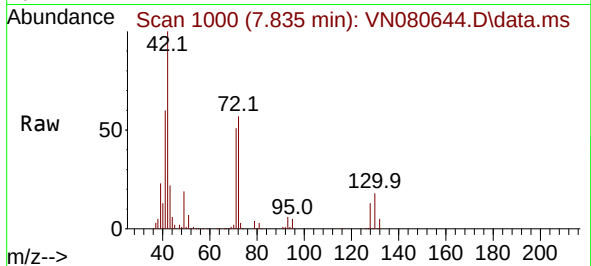
Tgt Ion: 49 Resp: 142504
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.8
 130 85.9 75.3 112.9





#29
Tetrahydrofuran
Concen: 204.448 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

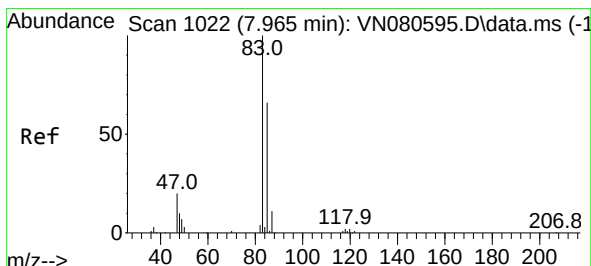
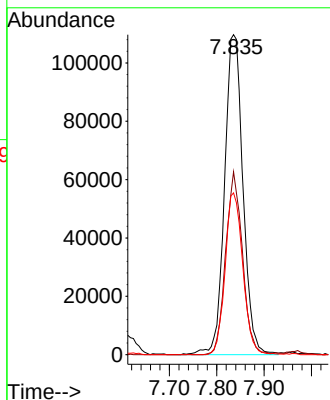
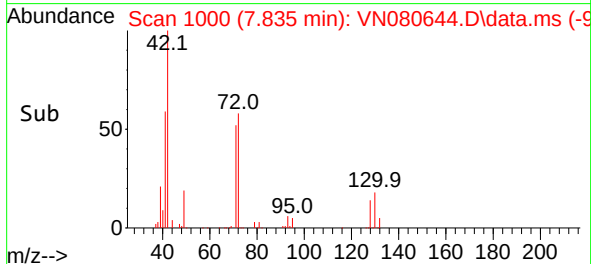
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 29648
Ion Ratio Lower Upper
42 100
72 52.0 49.8 74.6
71 48.6 47.4 71.2

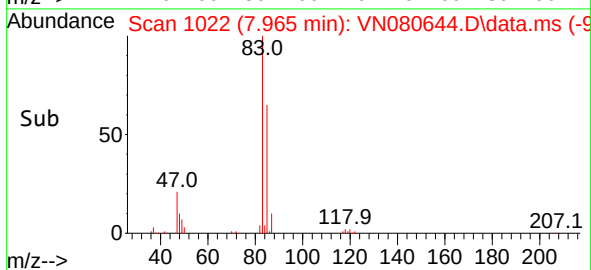
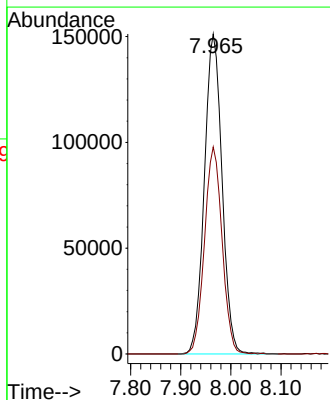
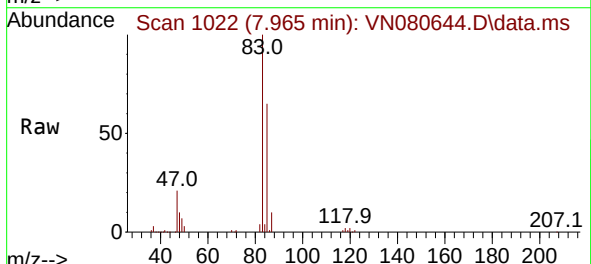
Manual Integrations
APPROVED

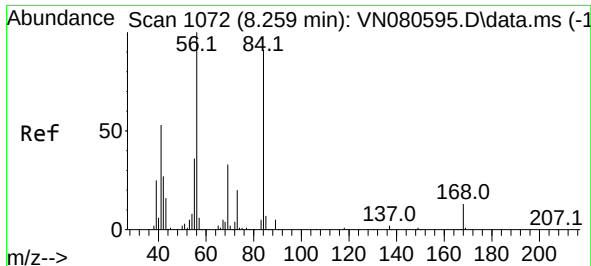
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#30
Chloroform
Concen: 51.664 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

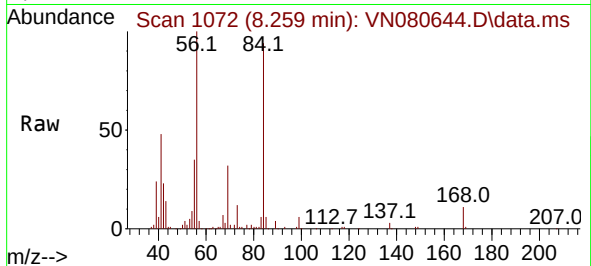
Tgt Ion: 83 Resp: 369690
Ion Ratio Lower Upper
83 100
85 64.7 55.4 83.0





#31
Cyclohexane
Concen: 42.405 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

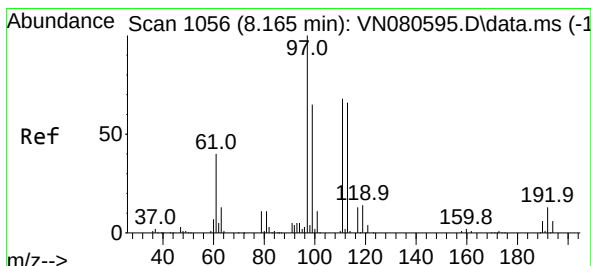
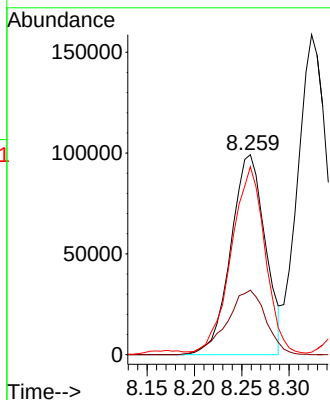
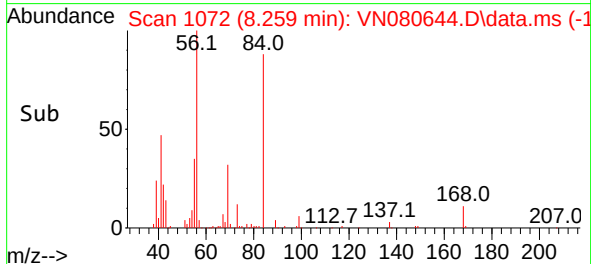
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 251090
Ion Ratio Lower Upper
56 100
69 32.3 26.8 40.2
84 92.1 81.8 122.6

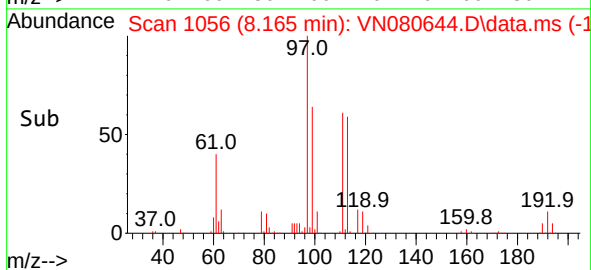
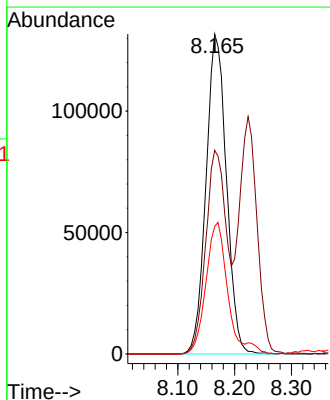
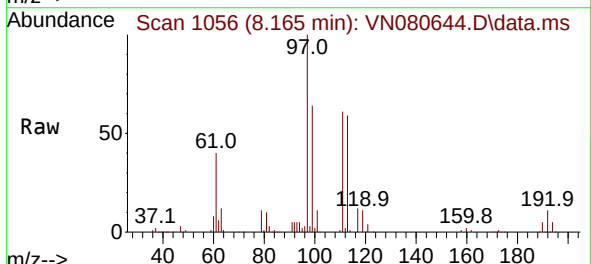
Manual Integrations
APPROVED

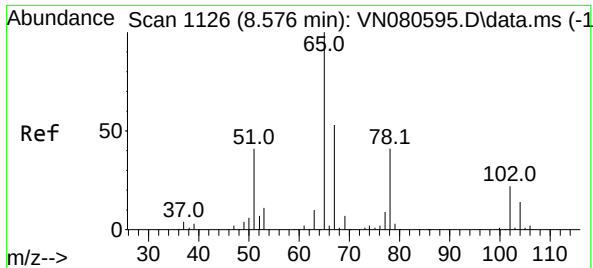
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#32
1,1,1-Trichloroethane
Concen: 50.762 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

Tgt Ion: 97 Resp: 327527
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 44.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.972 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080644.D

Acq: 03 Jan 2024 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 22308

Ion Ratio Lower Upper

65 100

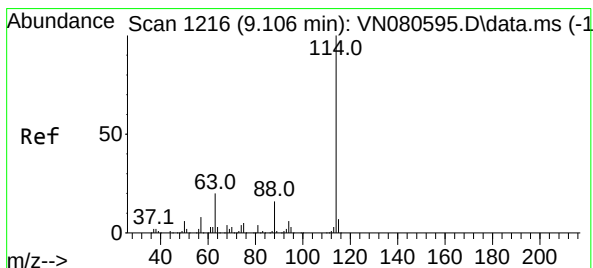
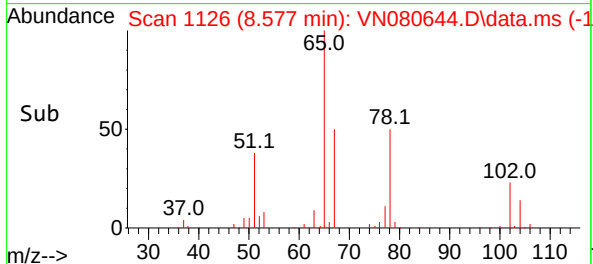
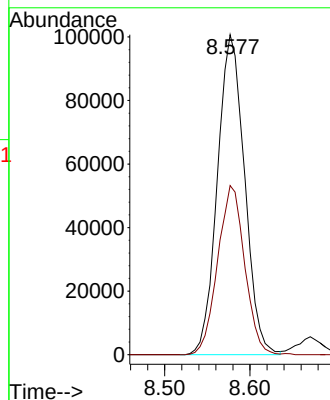
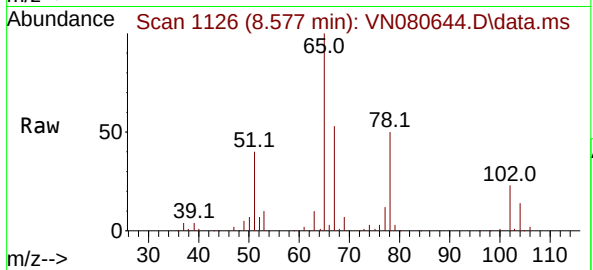
67 52.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

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: VN080644.D

Acq: 03 Jan 2024 17:07

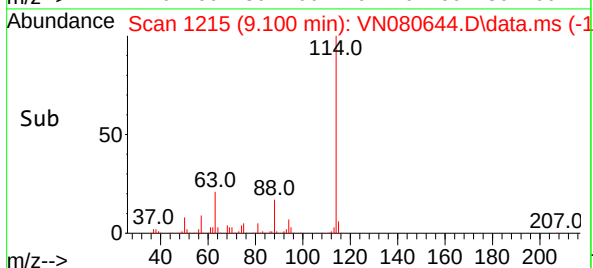
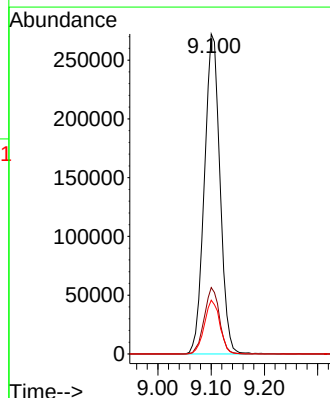
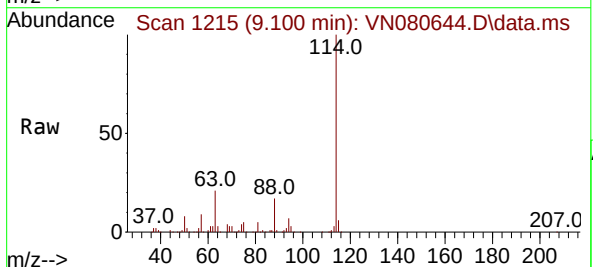
Tgt Ion:114 Resp: 553886

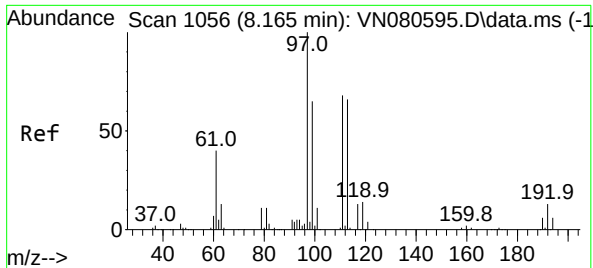
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

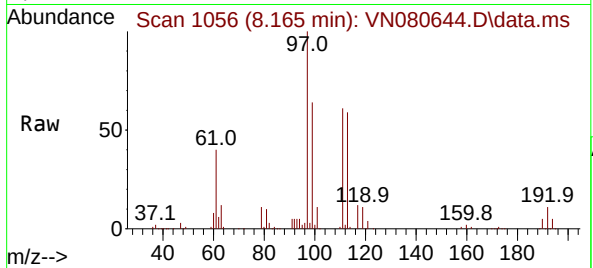
88 16.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.615 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

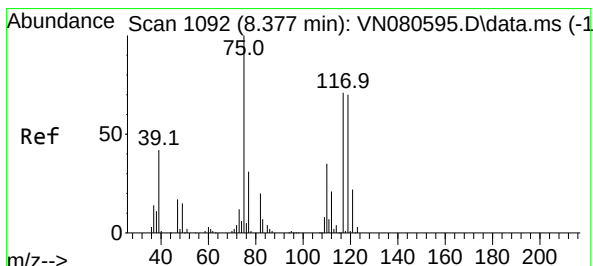
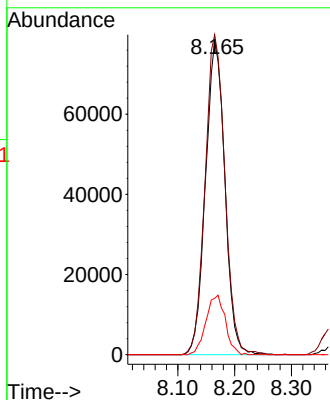
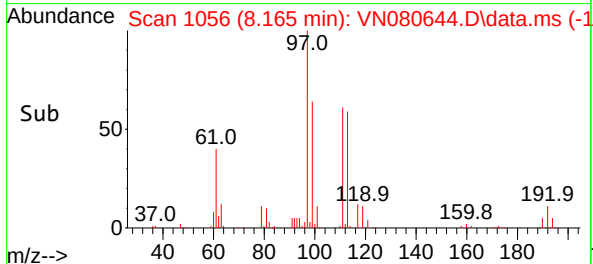
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 18490
Ion Ratio Lower Upper
113 100
111 104.3 82.6 123.8
192 19.0 12.7 19.1

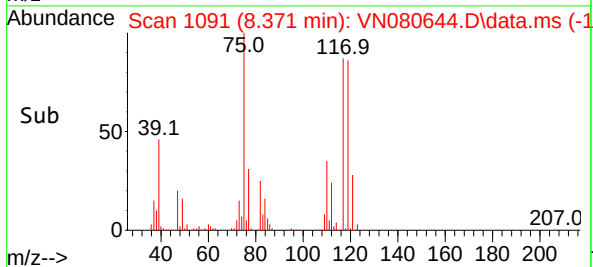
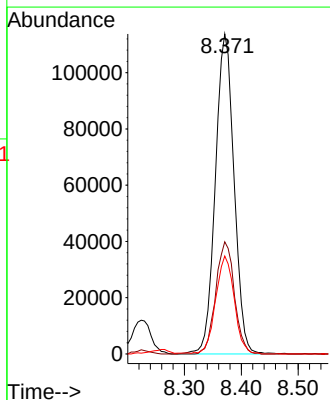
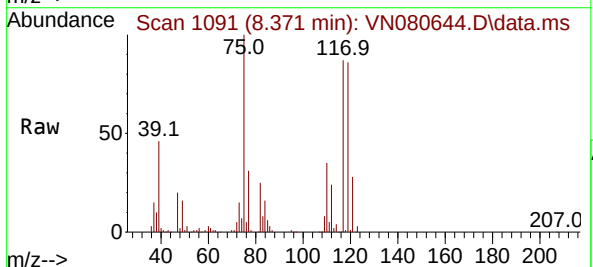
Manual Integrations
APPROVED

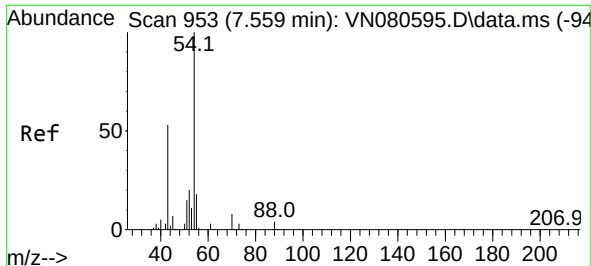
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#36
1,1-Dichloropropene
Concen: 47.189 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

Tgt Ion: 75 Resp: 260165
Ion Ratio Lower Upper
75 100
110 35.0 19.1 57.3
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 43.179 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN080644.D

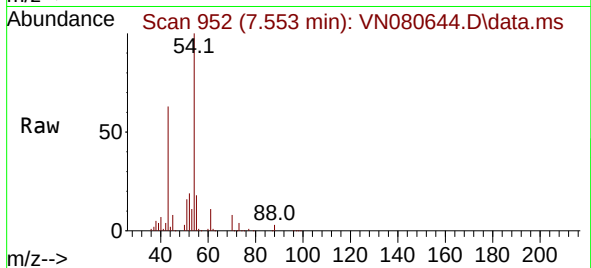
Acq: 03 Jan 2024 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 17962

Ion Ratio Lower Upper

43 100

61 15.3 13.2 19.8

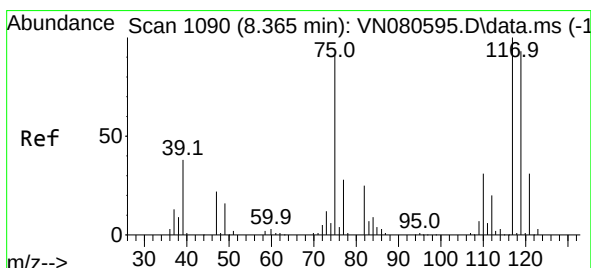
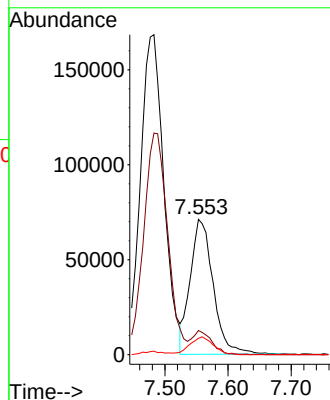
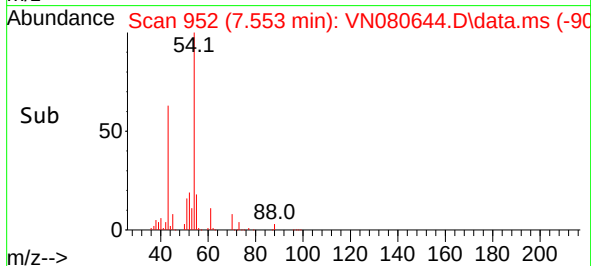
70 13.5 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#38

Carbon Tetrachloride

Concen: 50.360 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN080644.D

Acq: 03 Jan 2024 17:07

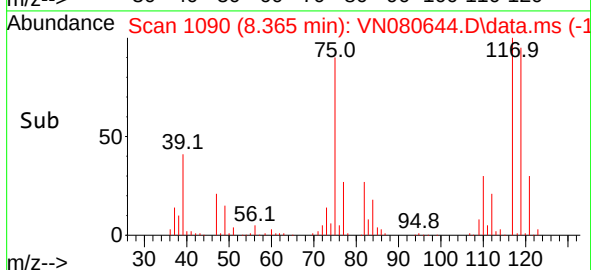
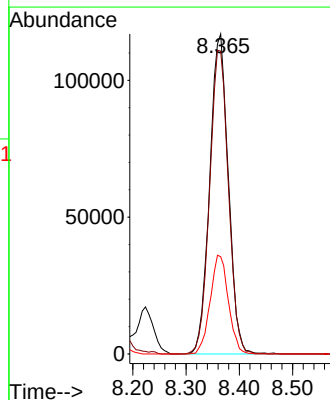
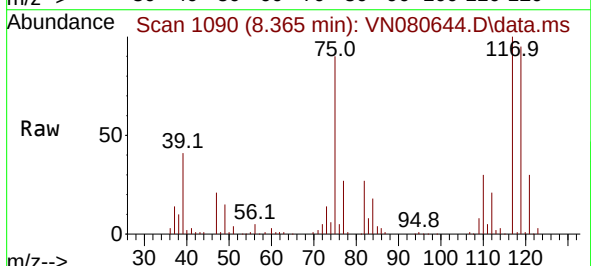
Tgt Ion:117 Resp: 284035

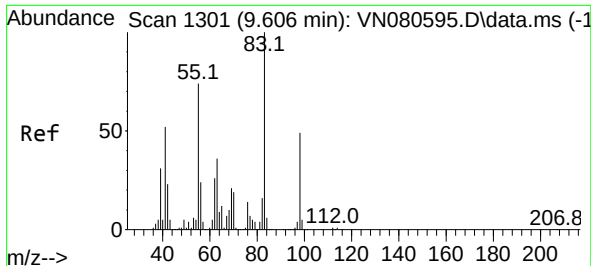
Ion Ratio Lower Upper

117 100

119 94.7 77.3 115.9

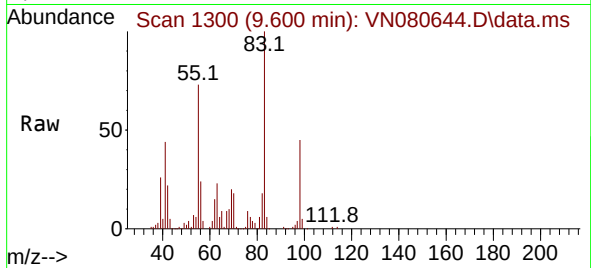
121 30.4 23.3 34.9





#39
Methylcyclohexane
Concen: 52.363 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

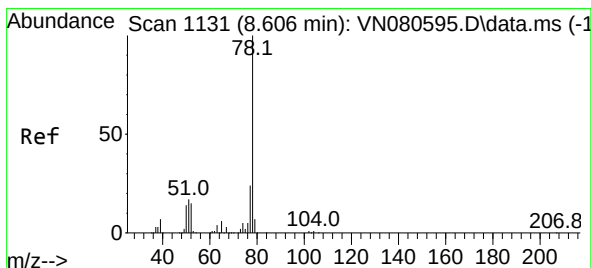
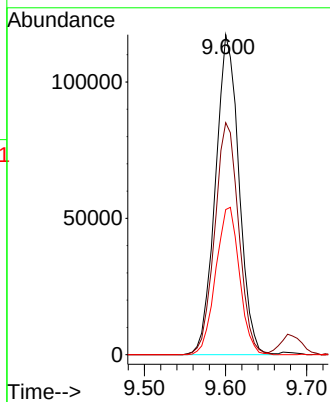
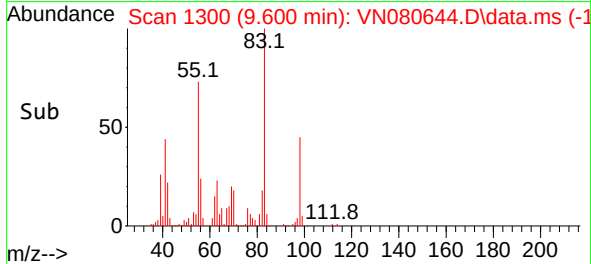
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 236784
Ion Ratio Lower Upper
83 100
55 72.5 49.1 73.7
98 45.4 40.6 61.0

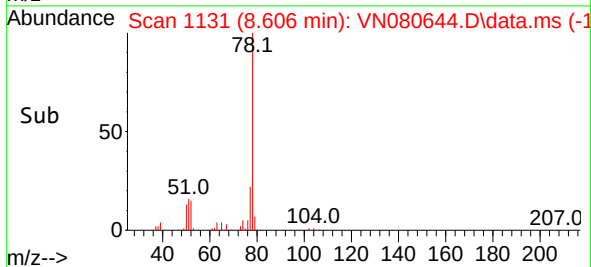
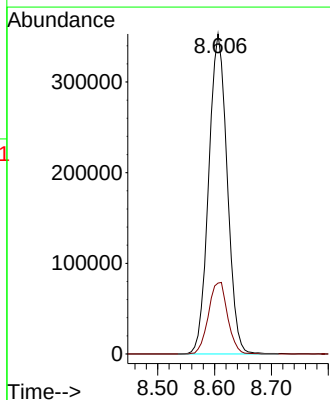
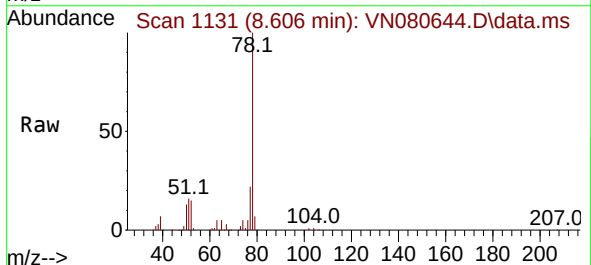
Manual Integrations
APPROVED

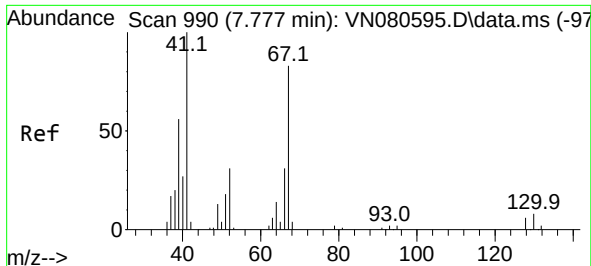
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#40
Benzene
Concen: 49.560 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

Tgt Ion: 78 Resp: 796717
Ion Ratio Lower Upper
78 100
77 22.1 19.0 28.6





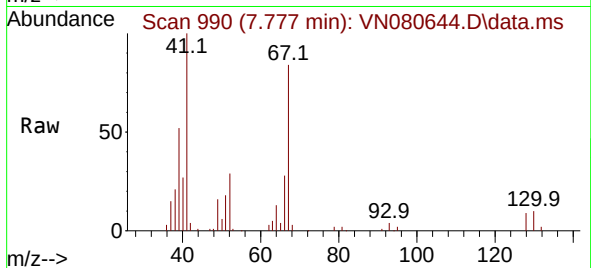
#41
Methacrylonitrile
Concen: 44.371 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



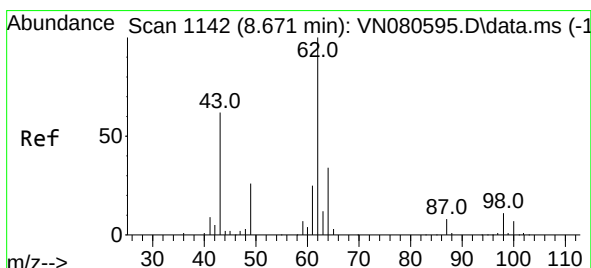
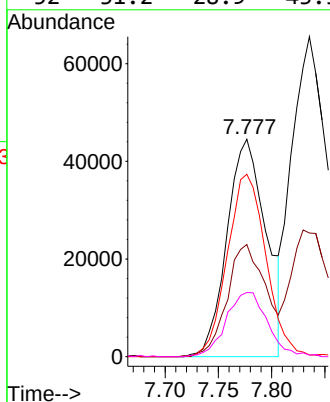
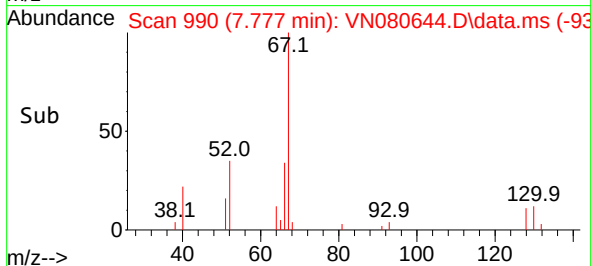
Tgt Ion: 41 Resp: 113830
Ion Ratio Lower Upper
41 100
39 51.1 42.6 64.0
67 83.0 77.5 116.3
52 31.2 28.9 43.3

Manual Integrations

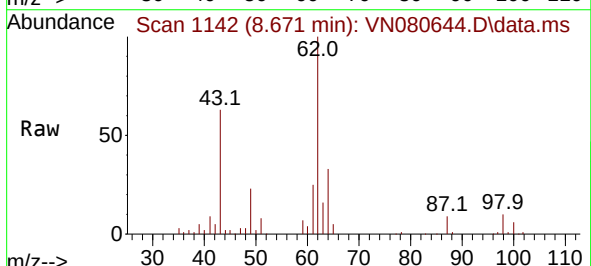
APPROVED

Reviewed By :John Carlone 01/04/2024

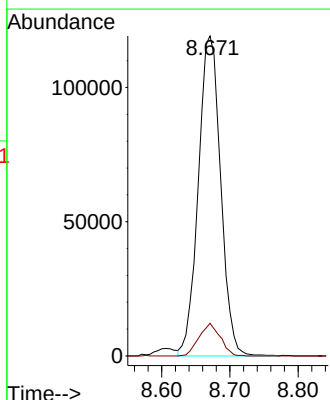
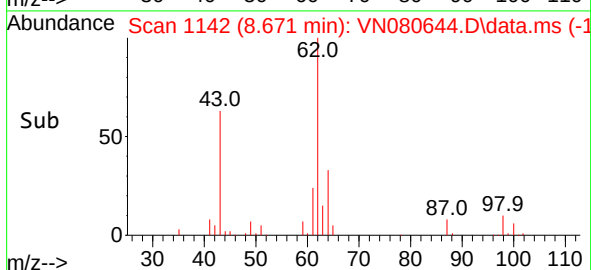
Supervised By :Mahesh Dadoda 01/04/2024

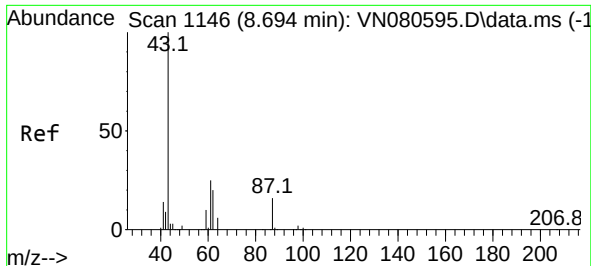


#42
1,2-Dichloroethane
Concen: 53.223 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07



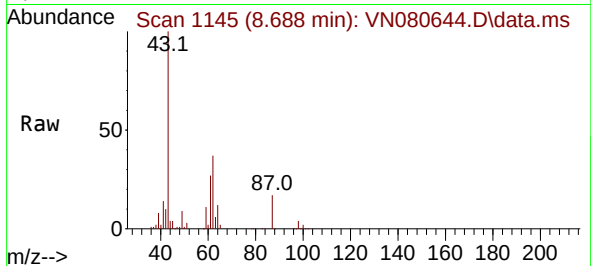
Tgt Ion: 62 Resp: 271880
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.8





#43
Isopropyl Acetate
Concen: 47.010 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

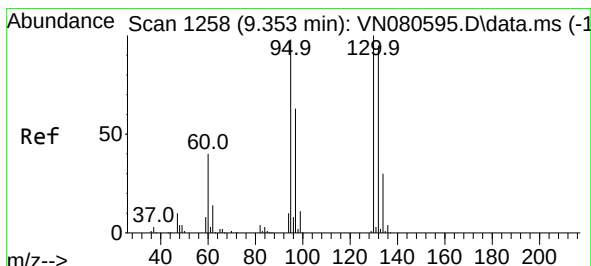
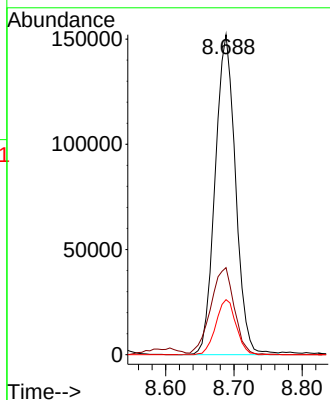
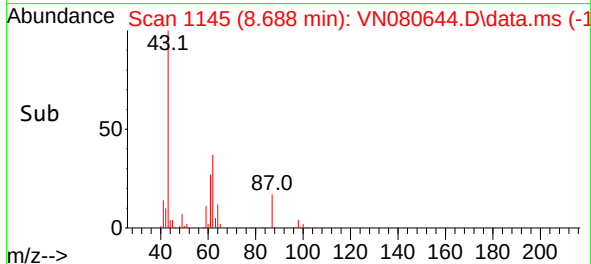
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 31698
Ion Ratio Lower Upper
43 100
61 31.5 24.7 37.1
87 17.0 14.6 21.8

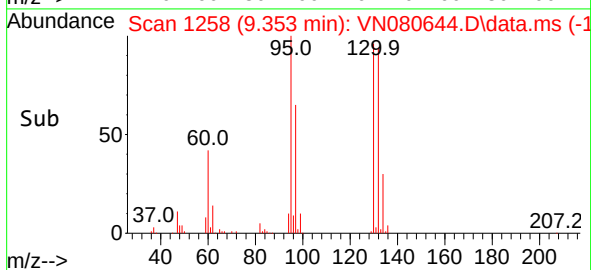
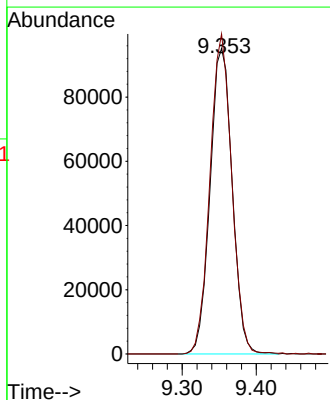
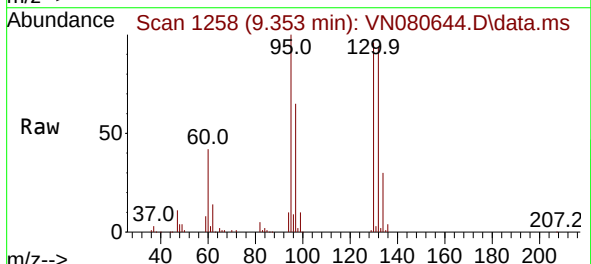
Manual Integrations
APPROVED

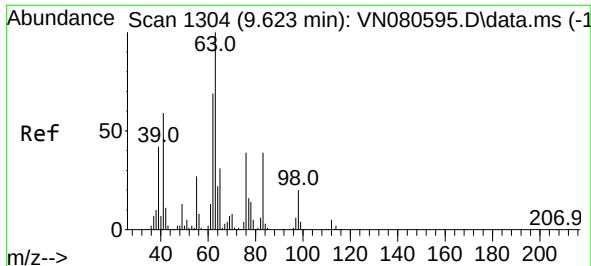
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#44
Trichloroethene
Concen: 47.927 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

Tgt Ion:130 Resp: 197238
Ion Ratio Lower Upper
130 100
95 104.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 53.858 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080644.D

Acq: 03 Jan 2024 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 20180

Ion Ratio Lower Upper

63 100

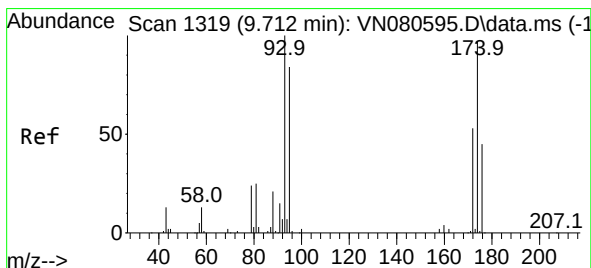
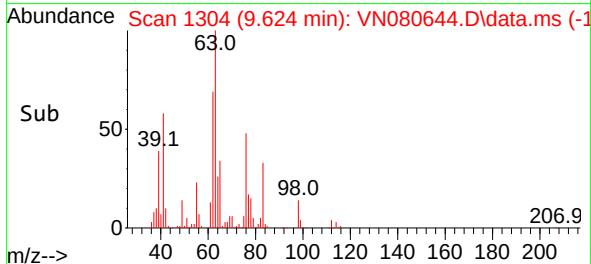
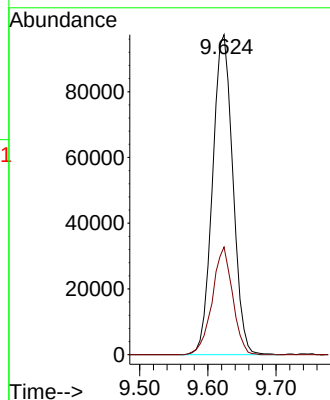
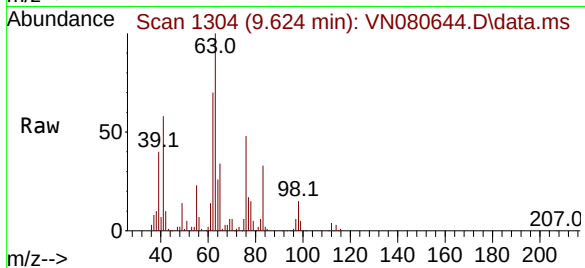
65 33.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#46

Dibromomethane

Concen: 52.059 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080644.D

Acq: 03 Jan 2024 17:07

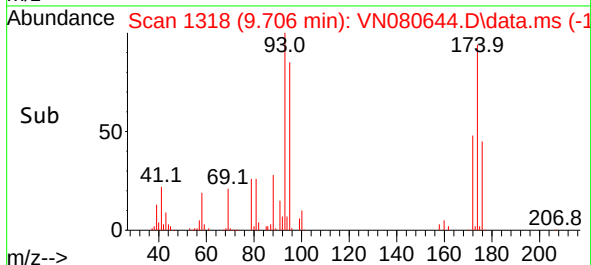
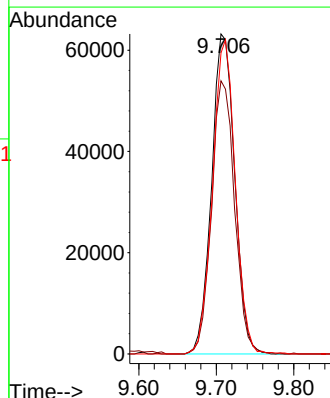
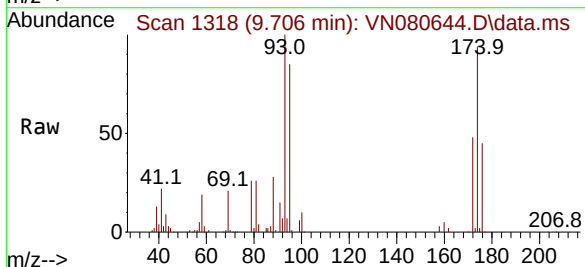
Tgt Ion: 93 Resp: 131240

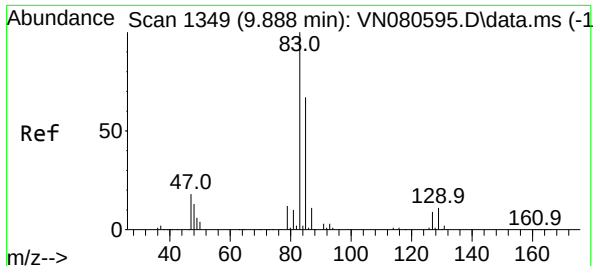
Ion Ratio Lower Upper

93 100

95 84.9 63.8 95.8

174 96.6 65.6 98.4





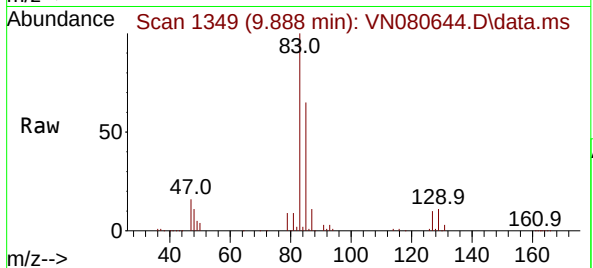
#47
Bromodichloromethane
Concen: 54.791 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



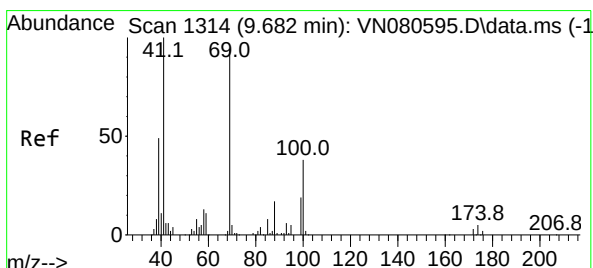
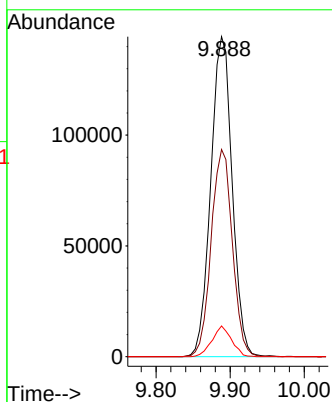
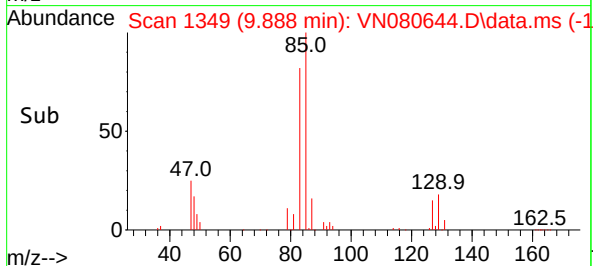
Tgt Ion: 83 Resp: 28953
Ion Ratio Lower Upper
83 100
85 64.8 49.6 74.4
127 9.6 7.0 10.6

Manual Integrations

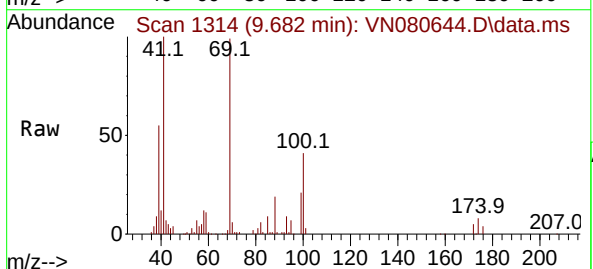
APPROVED

Reviewed By :John Carlone 01/04/2024

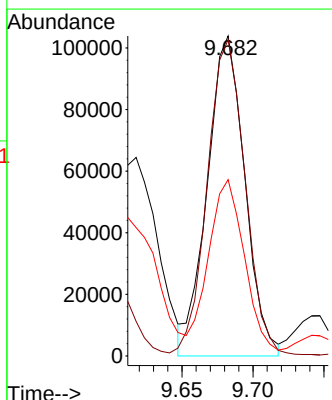
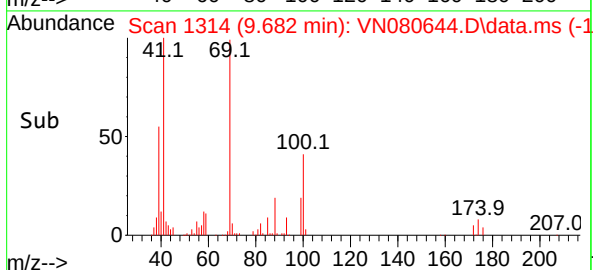
Supervised By :Mahesh Dadoda 01/04/2024

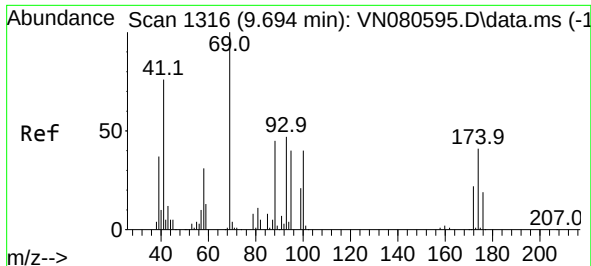


#48
Methyl methacrylate
Concen: 51.041 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07



Tgt Ion: 41 Resp: 191094
Ion Ratio Lower Upper
41 100
69 99.1 90.4 135.6
39 53.7 54.6 81.8#





#49

1,4-Dioxane

Concen: 893.374 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080644.D

Acq: 03 Jan 2024 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

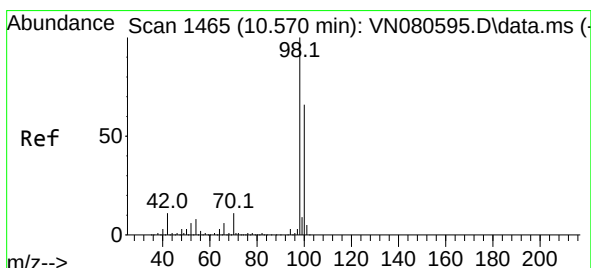
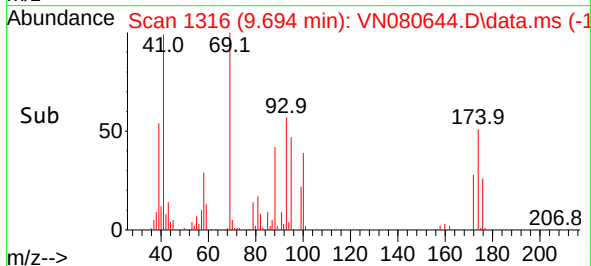
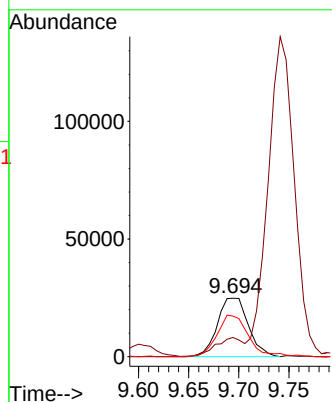
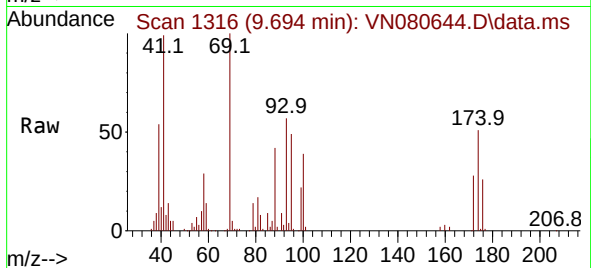
Tgt Ion: 88 Resp: 5346
 Ion Ratio Lower Upper
 88 100
 43 28.6 17.0 25.6
 58 72.3 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#50

Toluene-d8

Concen: 56.041 ug/l

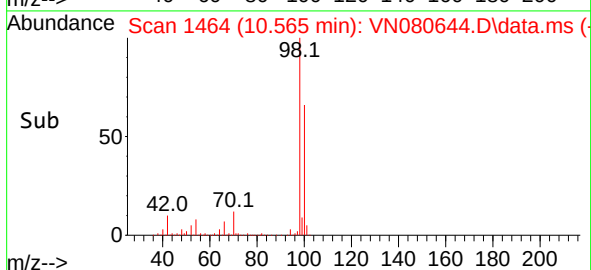
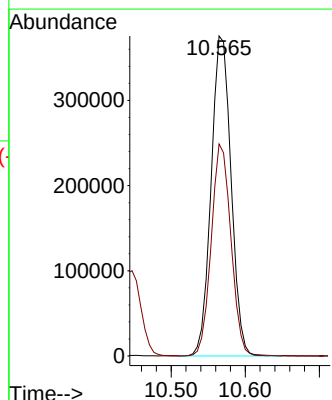
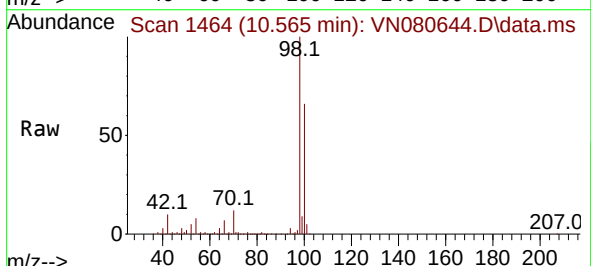
RT: 10.565 min Scan# 1464

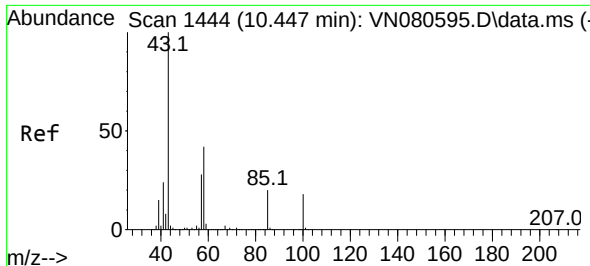
Delta R.T. -0.006 min

Lab File: VN080644.D

Acq: 03 Jan 2024 17:07

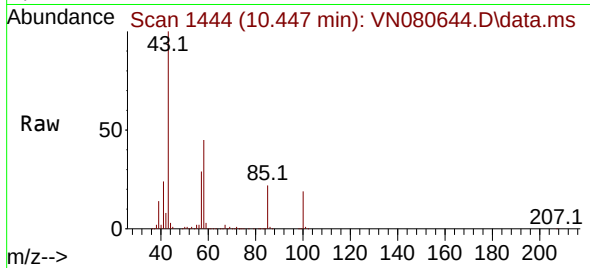
Tgt Ion: 98 Resp: 700936
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 246.809 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

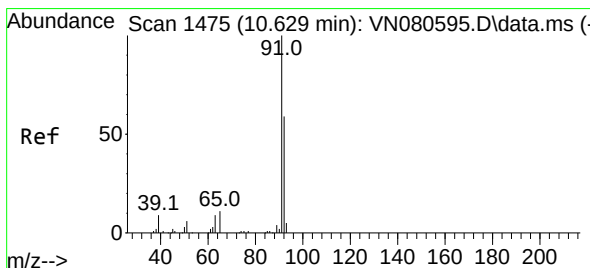
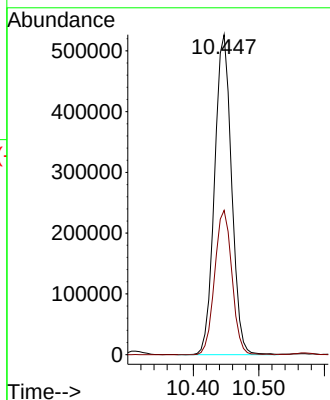
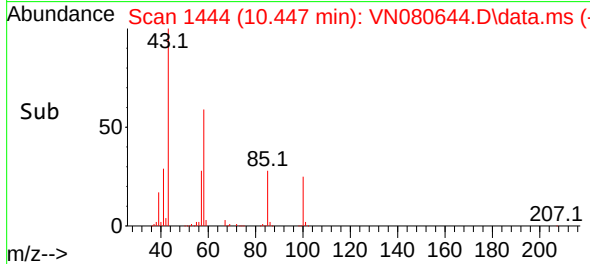
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 946542
Ion Ratio Lower Upper
43 100
58 45.7 36.6 54.8

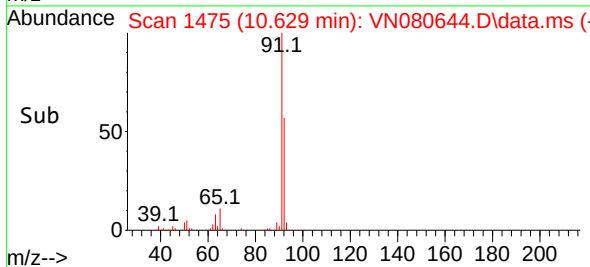
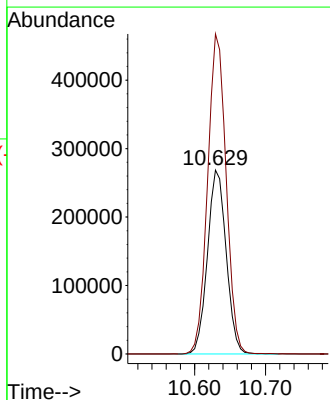
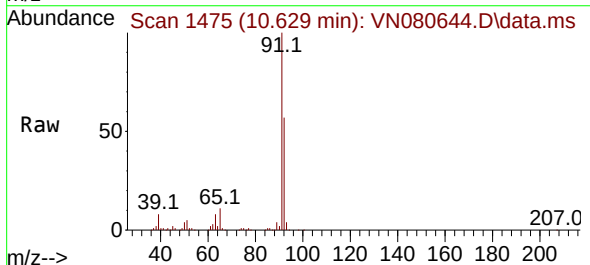
Manual Integrations
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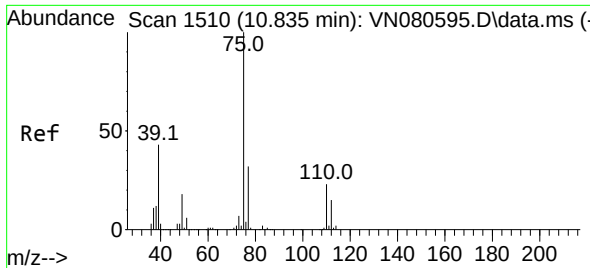
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#52
Toluene
Concen: 56.090 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

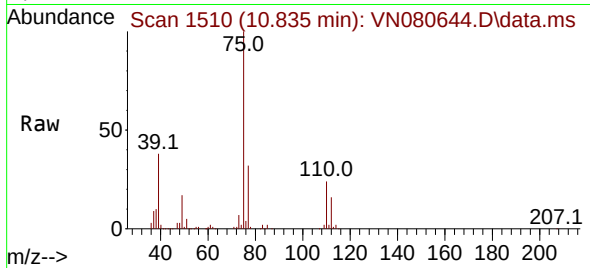
Tgt Ion: 92 Resp: 491686
Ion Ratio Lower Upper
92 100
91 172.1 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 56.101 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080644.D
 Acq: 03 Jan 2024 17:07

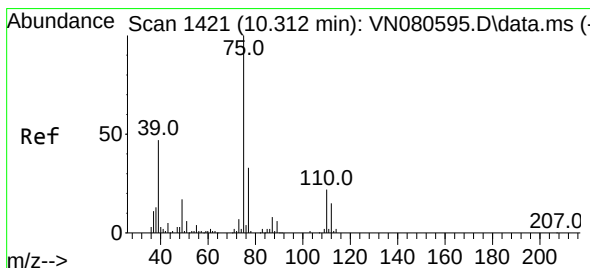
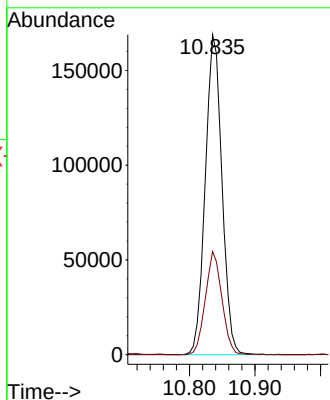
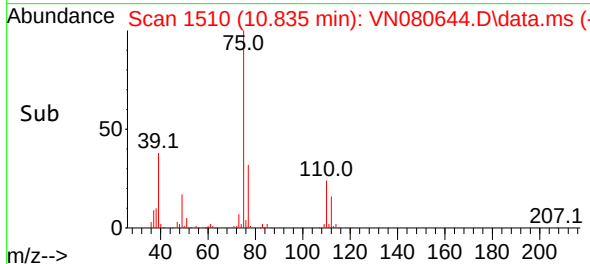
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



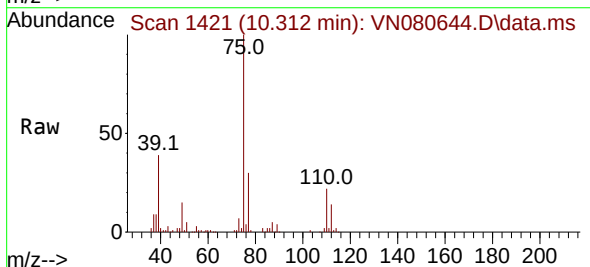
Tgt Ion: 75 Resp: 298869
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0

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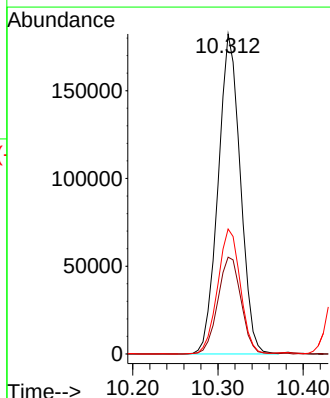
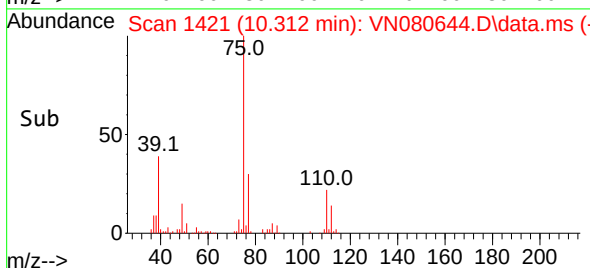
Reviewed By :John Carlone 01/04/2024
 Supervised By :Mahesh Dadoda 01/04/2024

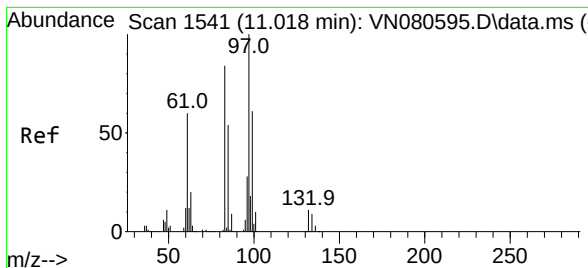


#54
 cis-1,3-Dichloropropene
 Concen: 55.358 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080644.D
 Acq: 03 Jan 2024 17:07



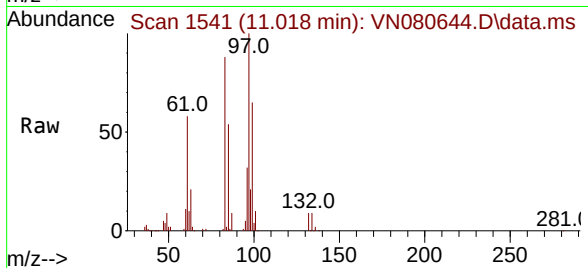
Tgt Ion: 75 Resp: 330061
 Ion Ratio Lower Upper
 75 100
 77 30.3 26.1 39.1
 39 39.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 55.026 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

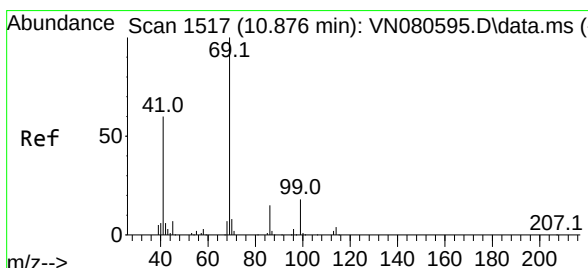
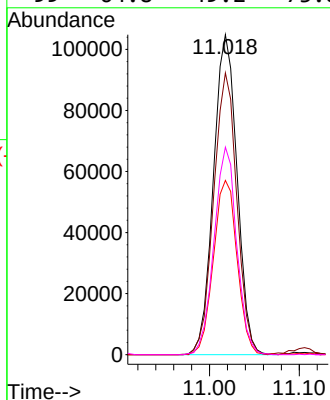
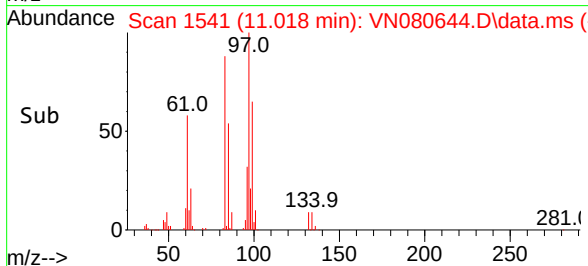


Tgt Ion: 97 Resp: 19133

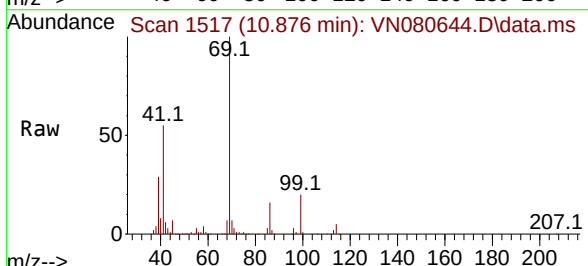
Ion	Ratio	Lower	Upper
97	100		
83	88.1	65.1	97.7
85	54.4	43.4	65.2
99	64.8	49.2	73.8

Manual Integrations
APPROVED

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

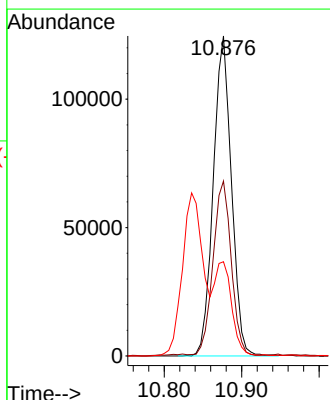
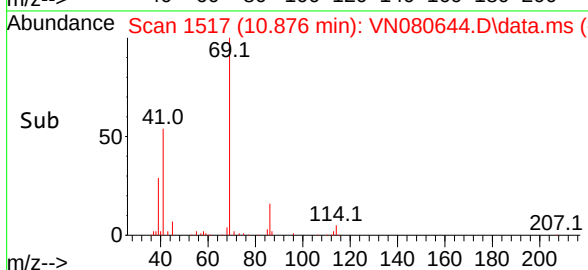


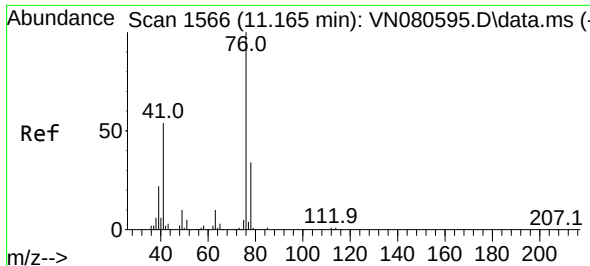
#56
Ethyl methacrylate
Concen: 59.437 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07



Tgt Ion: 69 Resp: 202440

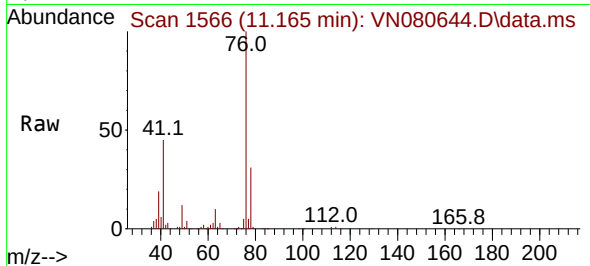
Ion	Ratio	Lower	Upper
69	100		
41	54.7	39.6	59.4
39	28.1	28.6	43.0





#57
1,3-Dichloropropane
Concen: 56.440 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

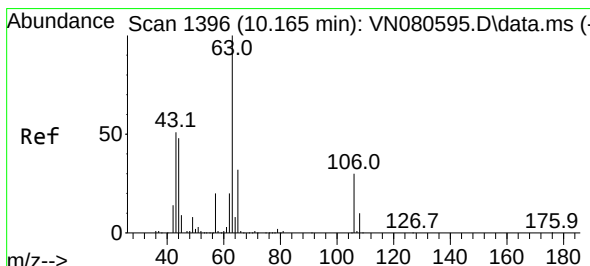
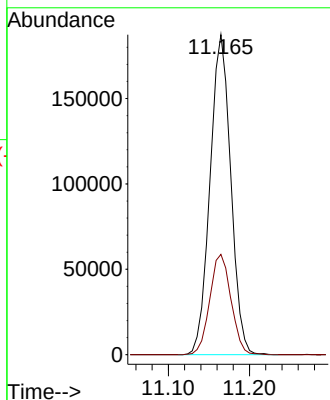
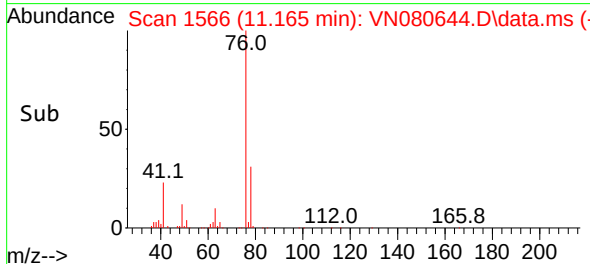
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 332518
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1

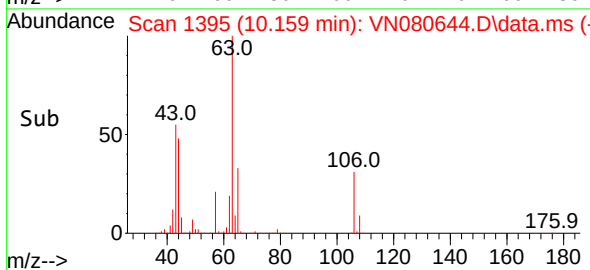
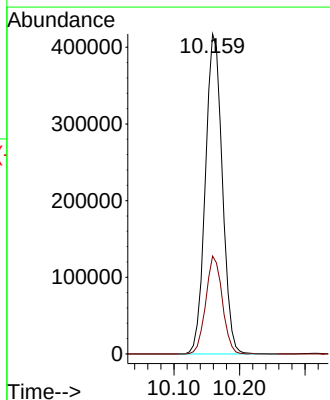
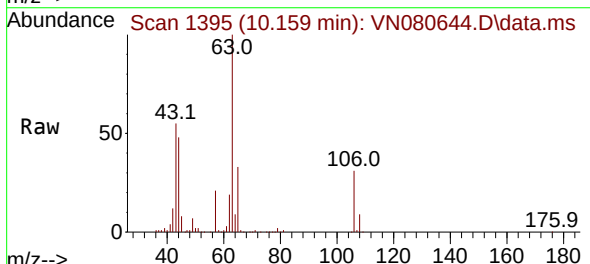
Manual Integrations
APPROVED

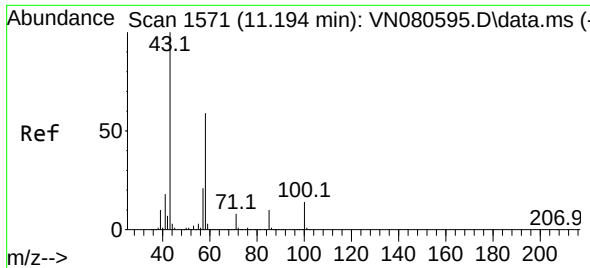
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#58
2-Chloroethyl Vinyl ether
Concen: 311.478 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

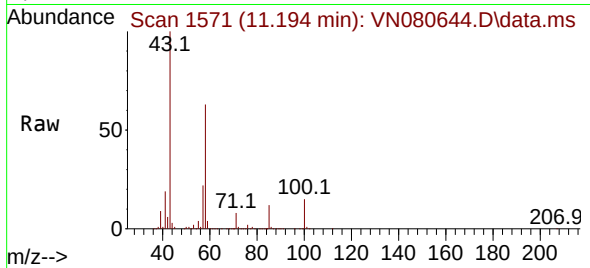
Tgt Ion: 63 Resp: 749168
Ion Ratio Lower Upper
63 100
106 29.8 26.2 39.4





#59
2-Hexanone
Concen: 235.017 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

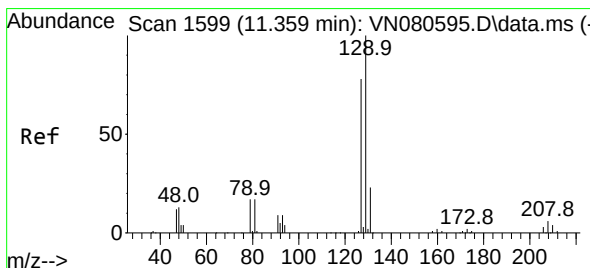
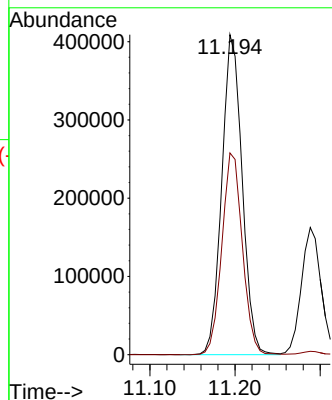
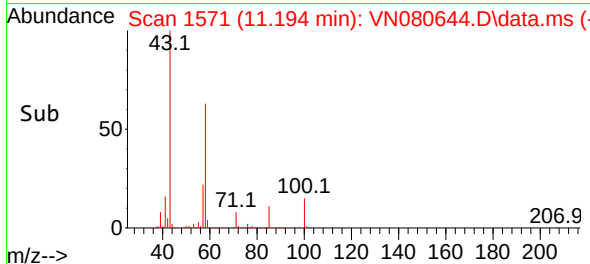
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 67932
Ion Ratio Lower Upper
43 100
58 63.5 31.7 95.1

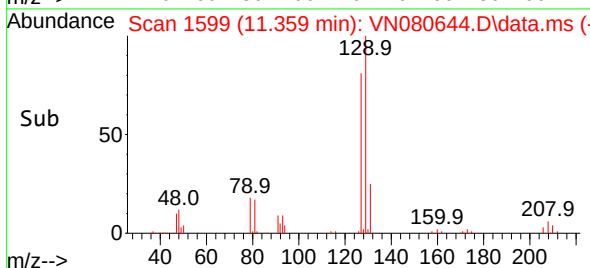
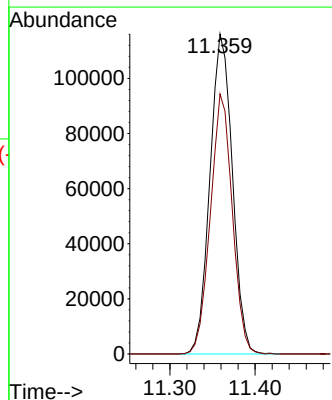
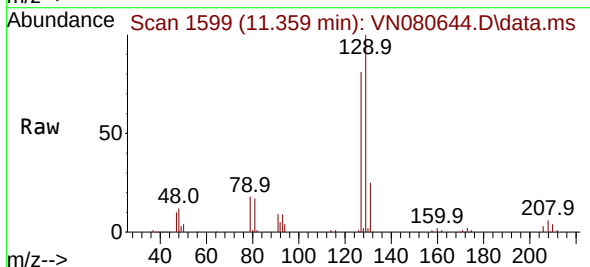
Manual Integrations
APPROVED

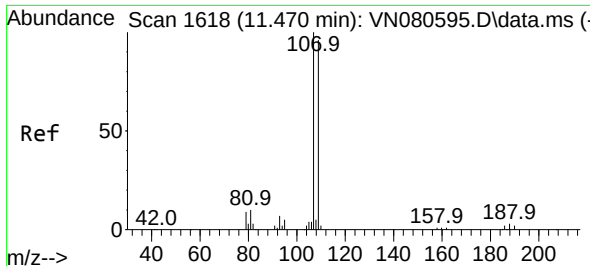
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#60
Dibromochloromethane
Concen: 54.853 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

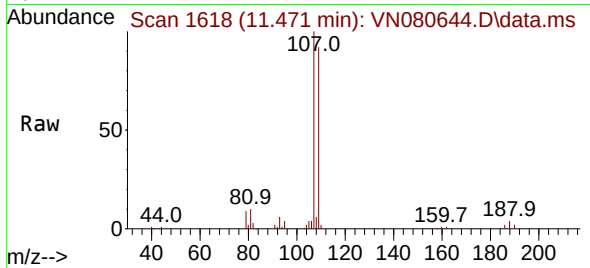
Tgt Ion:129 Resp: 212388
Ion Ratio Lower Upper
129 100
127 79.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.850 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

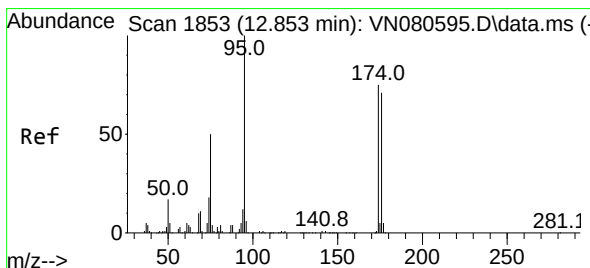
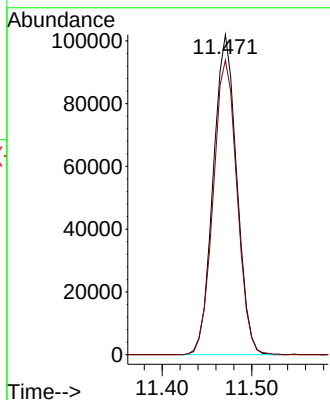
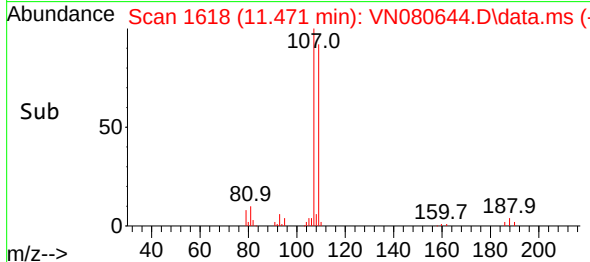
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



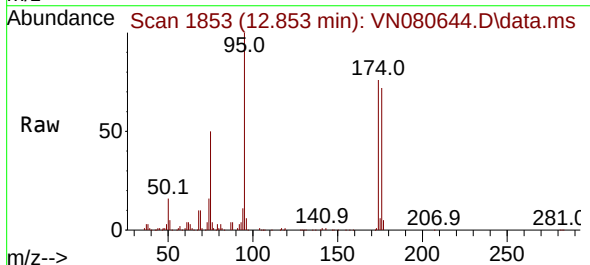
Tgt Ion:107 Resp: 18528
Ion Ratio Lower Upper
107 100
109 93.4 76.6 114.8

Manual Integrations
APPROVED

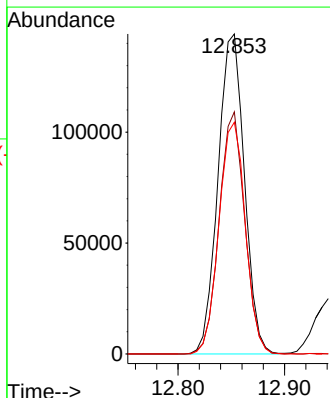
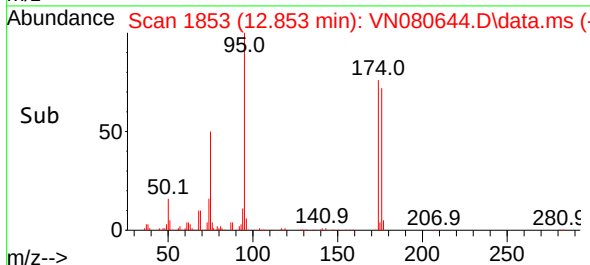
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

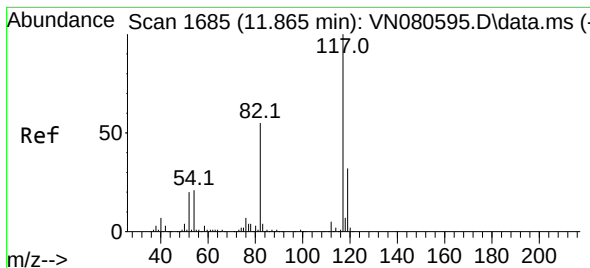


#62
4-Bromofluorobenzene
Concen: 59.004 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07



Tgt Ion: 95 Resp: 248371
Ion Ratio Lower Upper
95 100
174 73.2 0.0 143.8
176 72.4 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080644.D

Acq: 03 Jan 2024 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 48440

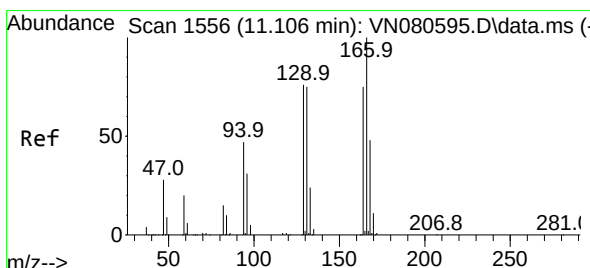
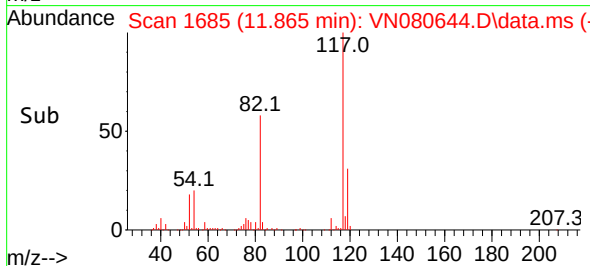
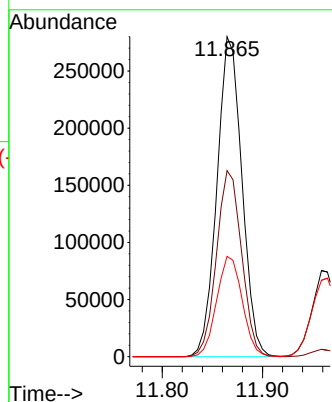
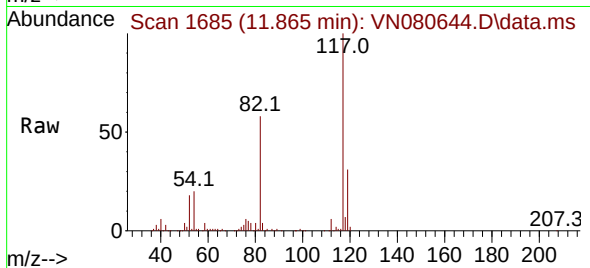
Ion	Ratio	Lower	Upper
117	100		
82	58.2	44.0	66.0
119	31.4	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#64

Tetrachloroethene

Concen: 50.266 ug/l

RT: 11.106 min Scan# 1556

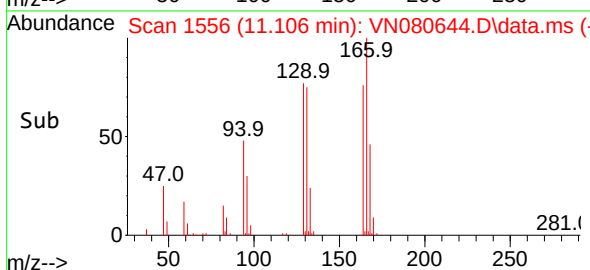
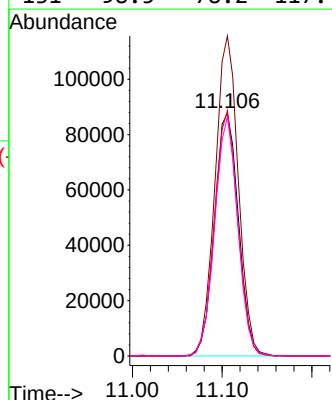
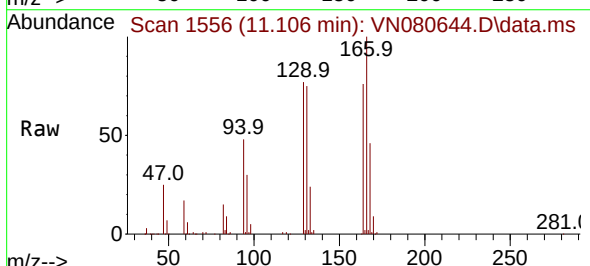
Delta R.T. 0.000 min

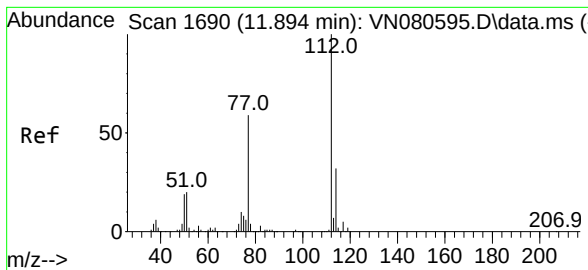
Lab File: VN080644.D

Acq: 03 Jan 2024 17:07

Tgt Ion:164 Resp: 162703

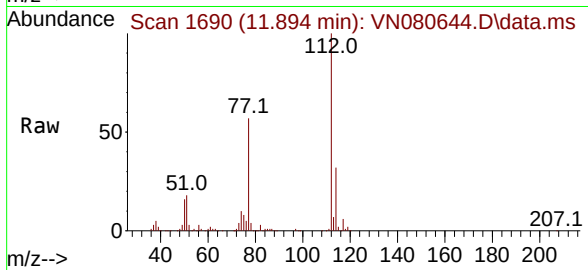
Ion	Ratio	Lower	Upper
164	100		
166	131.9	101.4	152.0
129	101.2	82.4	123.6
131	98.5	78.2	117.4





#65
Chlorobenzene
Concen: 50.645 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

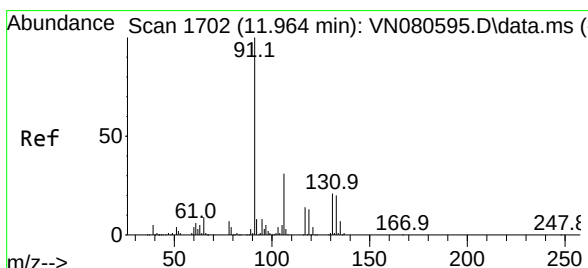
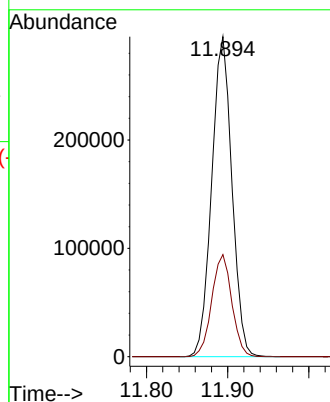
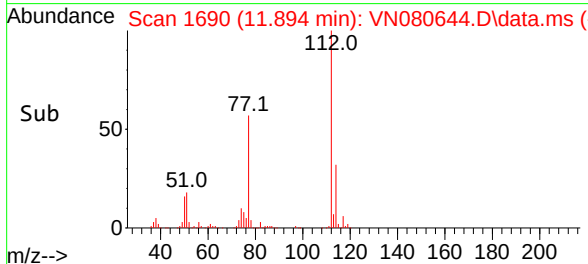
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



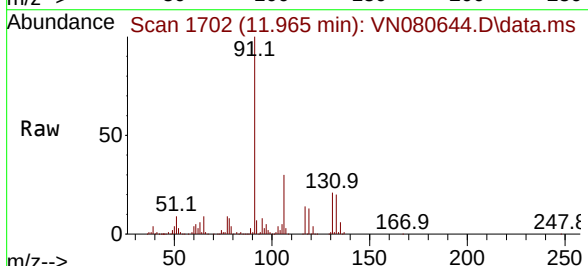
Tgt Ion:112 Resp: 51035
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4

Manual Integrations
APPROVED

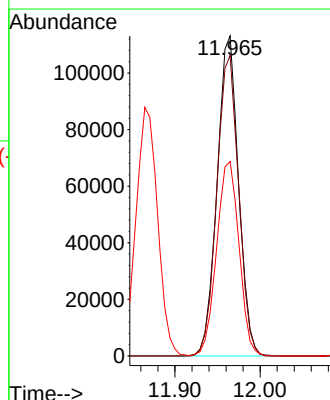
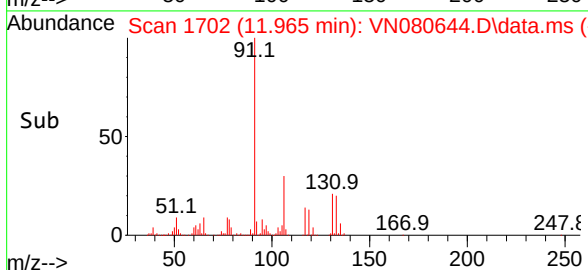
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

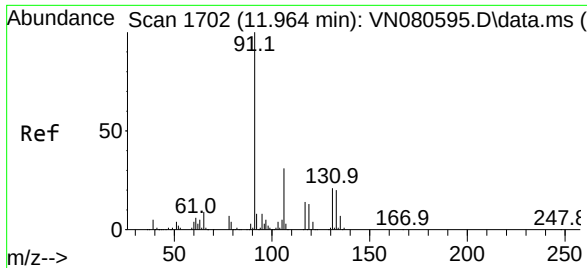


#66
1,1,1,2-Tetrachloroethane
Concen: 50.941 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07



Tgt Ion:131 Resp: 197462
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 63.7 34.1 102.2





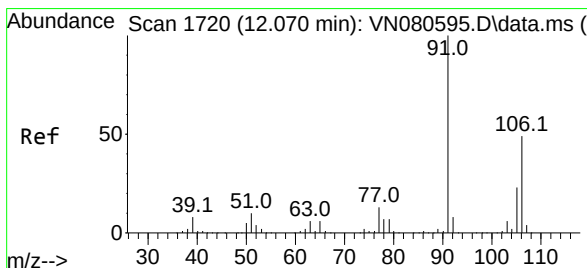
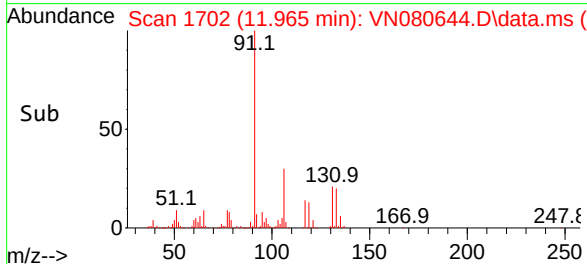
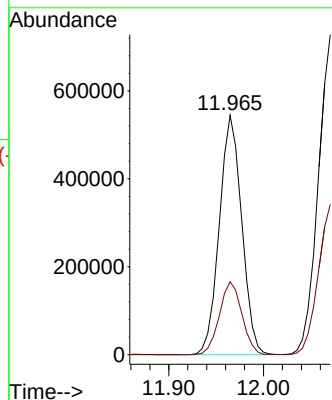
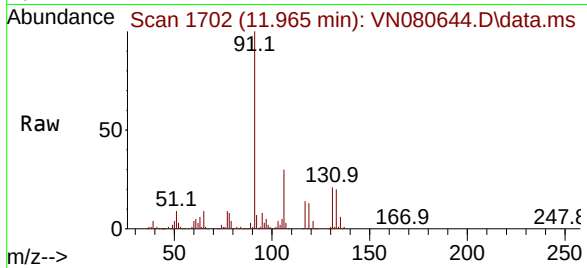
#67
Ethyl Benzene
Concen: 53.133 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 89513
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4

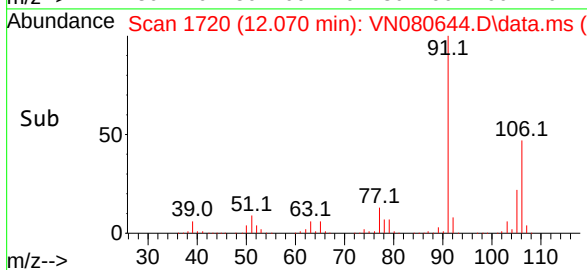
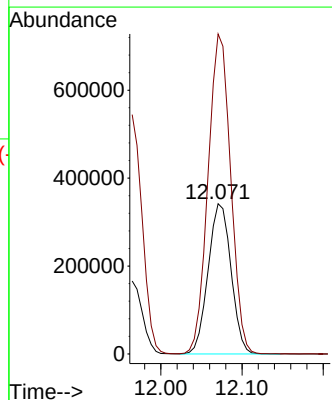
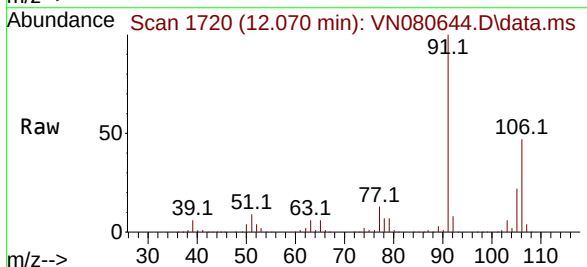
Manual Integrations
APPROVED

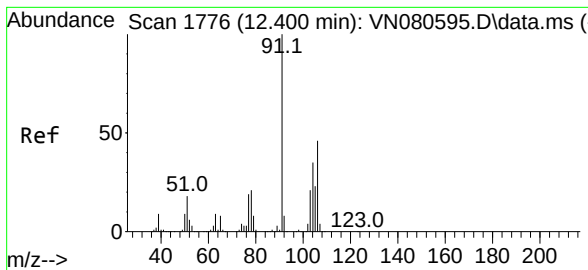
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#68
m/p-Xylenes
Concen: 107.140 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

Tgt Ion:106 Resp: 669737
Ion Ratio Lower Upper
106 100
91 210.8 159.6 239.4





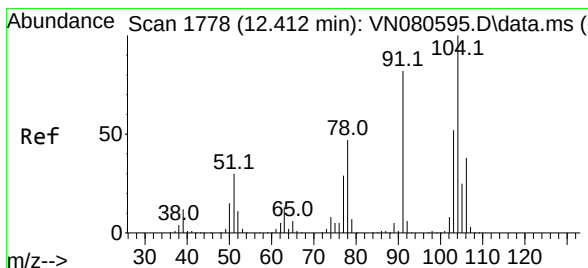
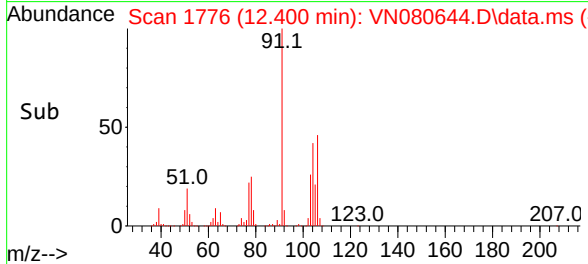
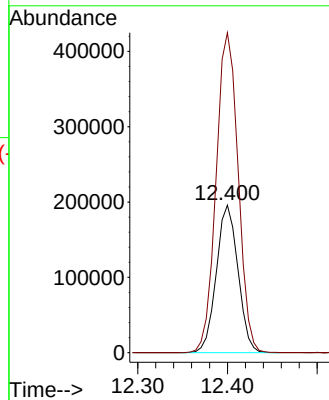
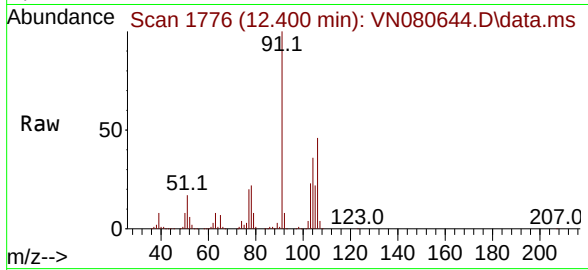
#69
o-Xylene
Concen: 53.463 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 328228
Ion Ratio Lower Upper
106 100
91 220.9 105.2 315.5

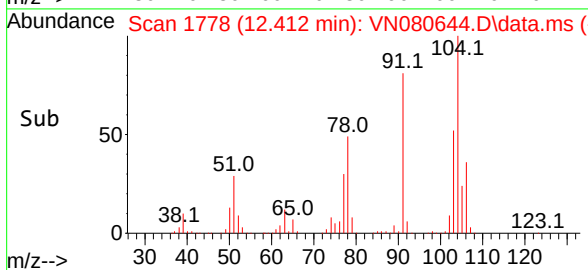
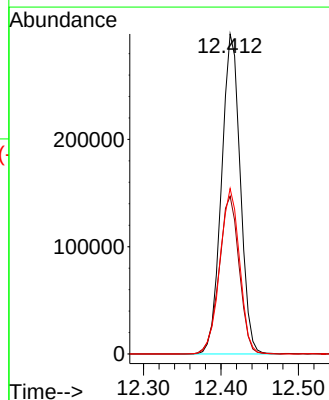
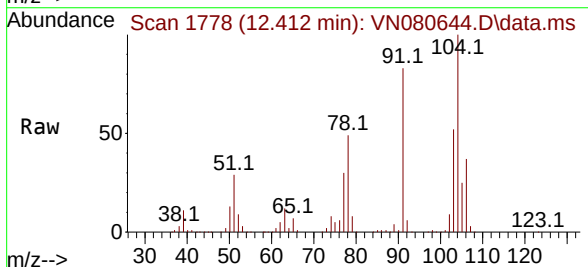
Manual Integrations
APPROVED

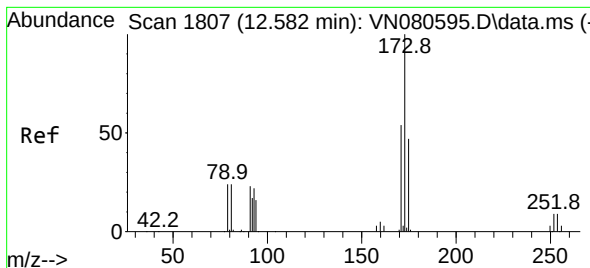
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#70
Styrene
Concen: 56.426 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

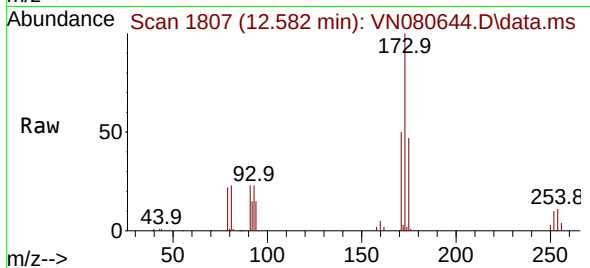
Tgt Ion:104 Resp: 503765
Ion Ratio Lower Upper
104 100
78 52.6 39.5 59.3
103 54.4 43.2 64.8





#71
Bromoform
Concen: 50.735 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

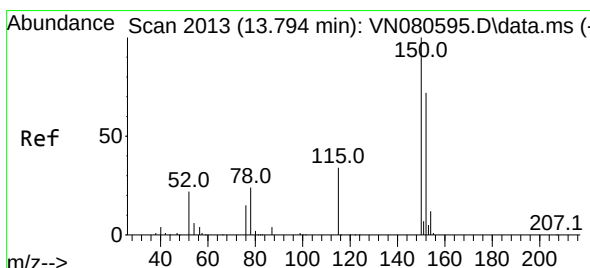
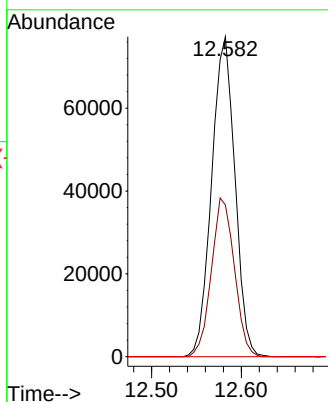
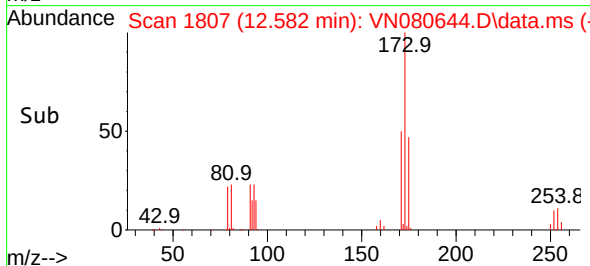
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



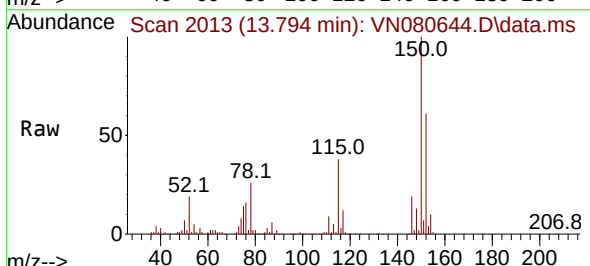
Tgt Ion:173 Resp: 13911
Ion Ratio Lower Upper
173 100
175 48.9 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

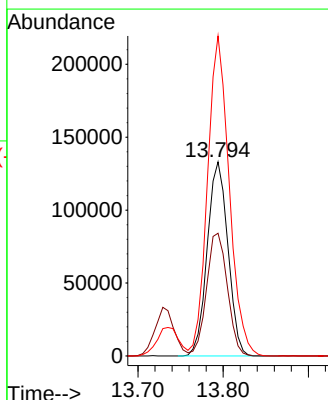
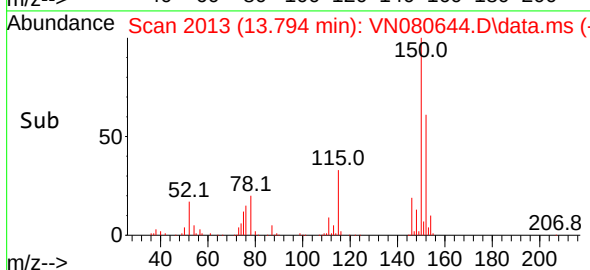
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

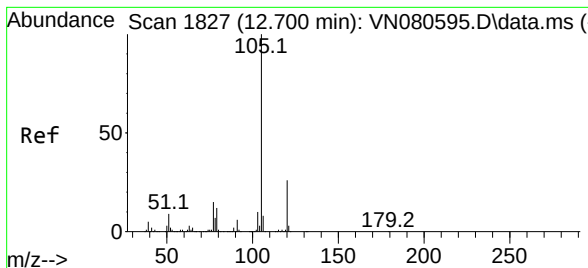


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07



Tgt Ion:152 Resp: 224198
Ion Ratio Lower Upper
152 100
115 63.8 32.3 96.8
150 173.0 0.0 355.8





#73

Isopropylbenzene

Concen: 53.774 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN080644.D

Acq: 03 Jan 2024 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 82515

Ion Ratio Lower Upper

105 100

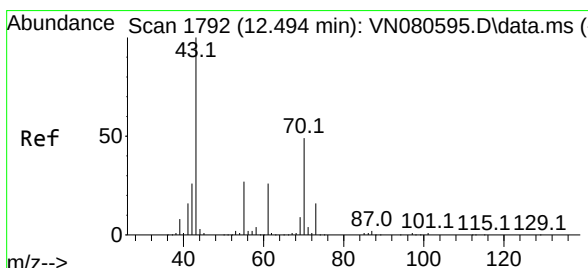
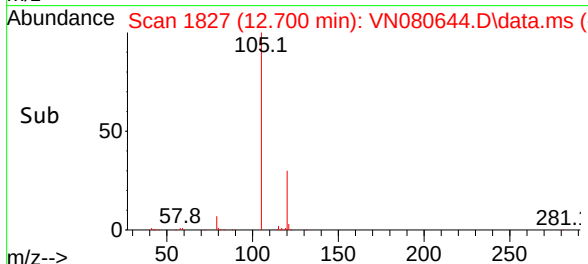
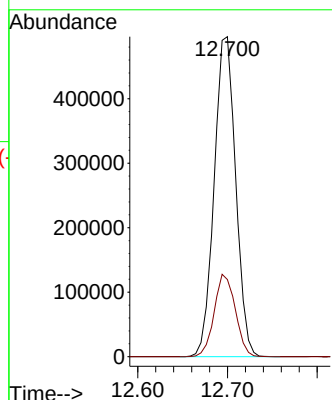
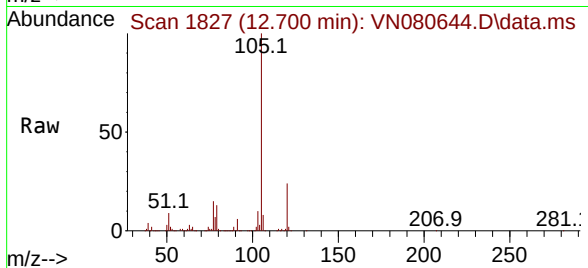
120 25.3 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#74

N-ethyl acetate

Concen: 47.708 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080644.D

Acq: 03 Jan 2024 17:07

Tgt Ion: 43 Resp: 258268

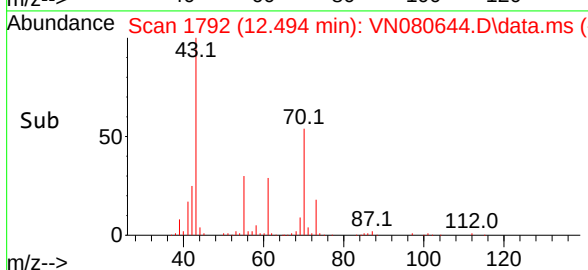
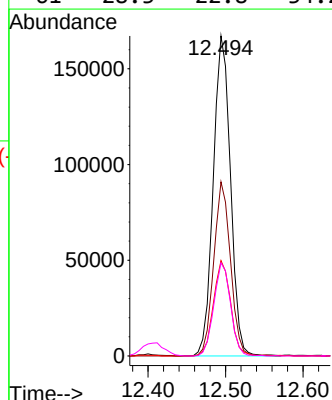
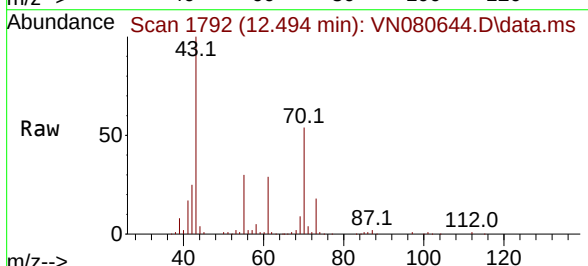
Ion Ratio Lower Upper

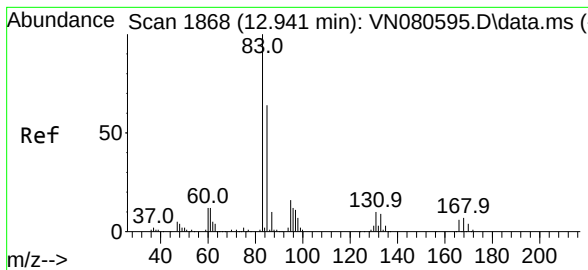
43 100

70 52.8 43.4 65.2

55 29.6 21.4 32.0

61 28.3 22.8 34.2





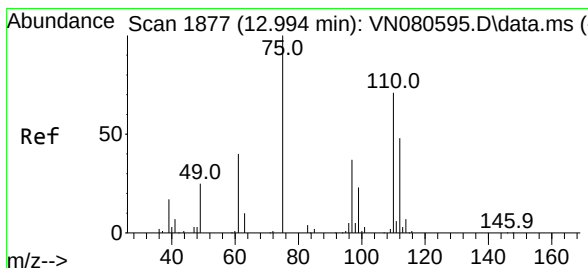
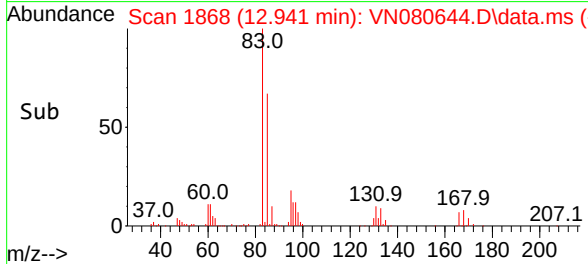
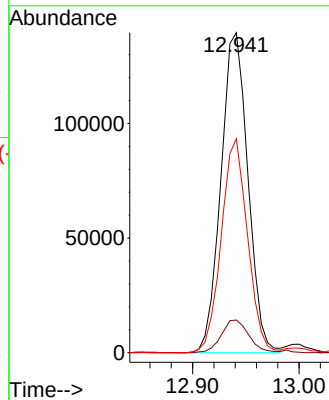
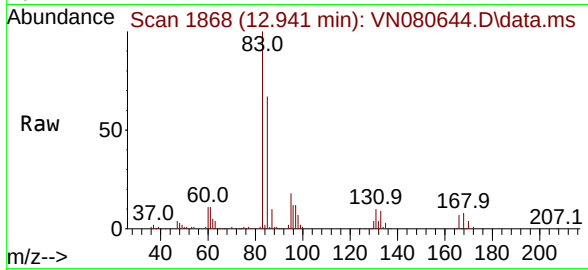
#75
1,1,2,2-Tetrachloroethane
Concen: 46.452 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 245984
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 65.0 31.9 95.7

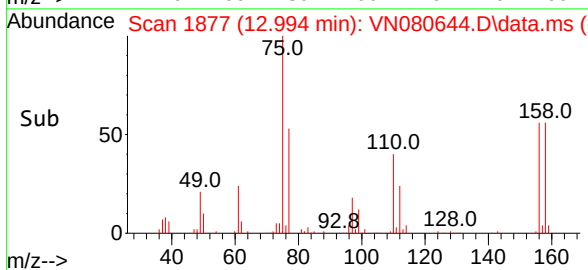
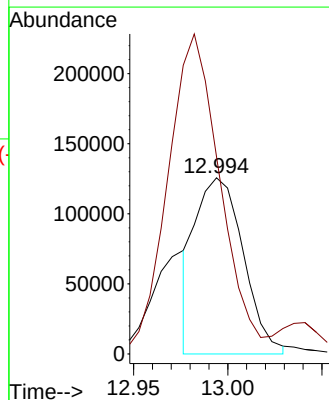
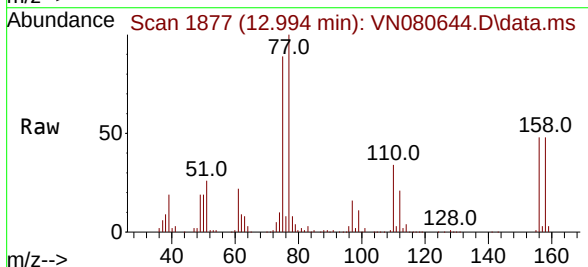
Manual Integrations
APPROVED

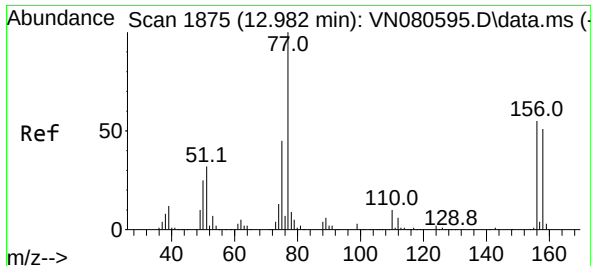
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#76
1,2,3-Trichloropropane
Concen: 45.952 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

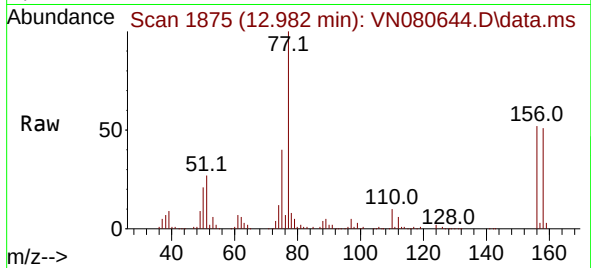
Tgt Ion: 75 Resp: 221585
Ion Ratio Lower Upper
75 100
77 200.7 84.5 253.5





#77
Bromobenzene
Concen: 50.391 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

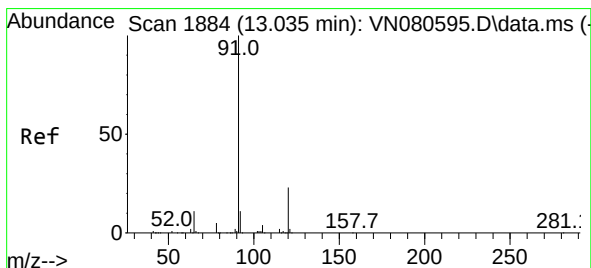
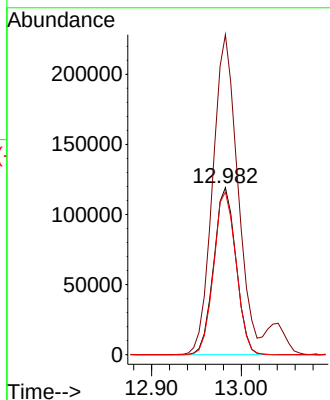
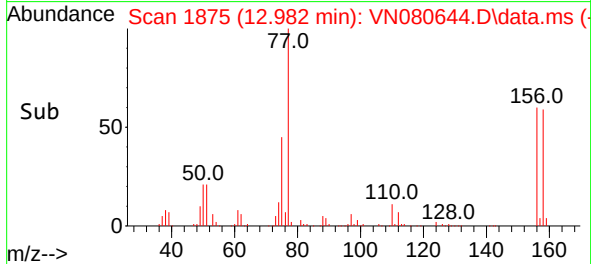
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



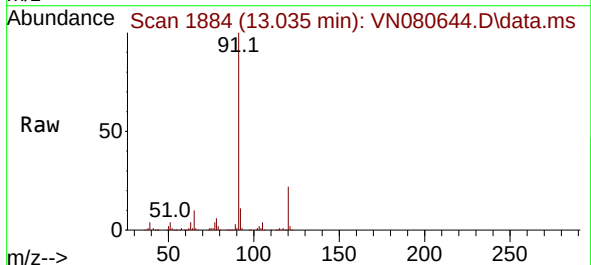
Tgt Ion:156 Resp: 205372
Ion Ratio Lower Upper
156 100
77 216.6 107.7 323.3
158 97.5 48.4 145.3

Manual Integrations
APPROVED

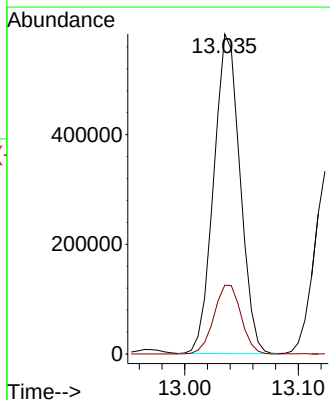
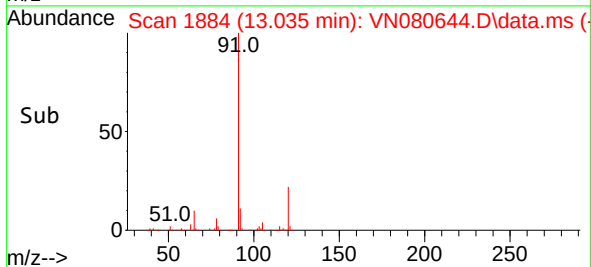
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

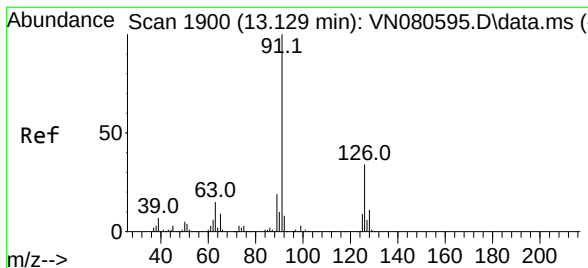


#78
n-propylbenzene
Concen: 53.487 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07



Tgt Ion: 91 Resp: 938589
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4





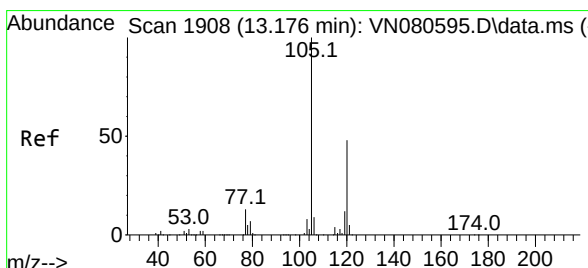
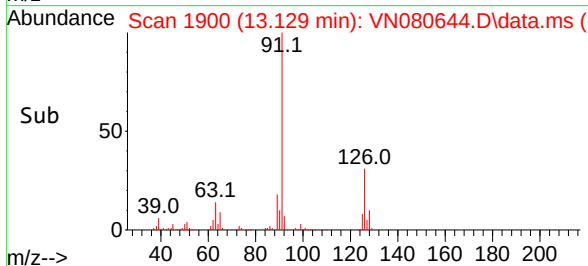
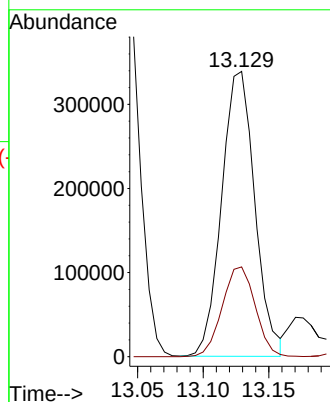
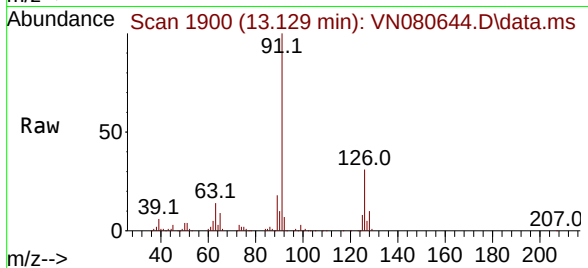
#79
2-Chlorotoluene
Concen: 52.089 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 596729
Ion Ratio Lower Upper
91 100
126 31.4 16.3 48.8

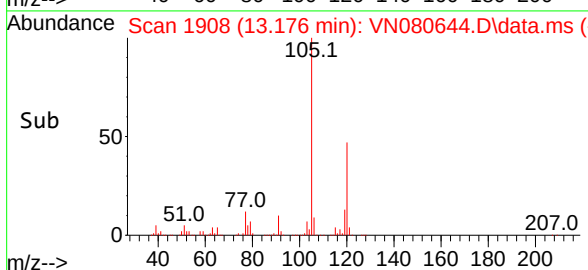
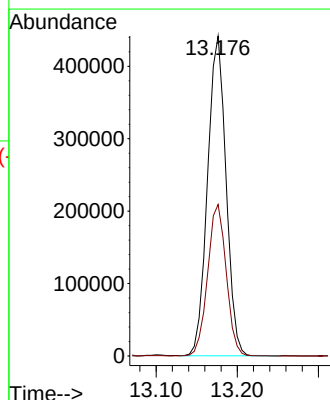
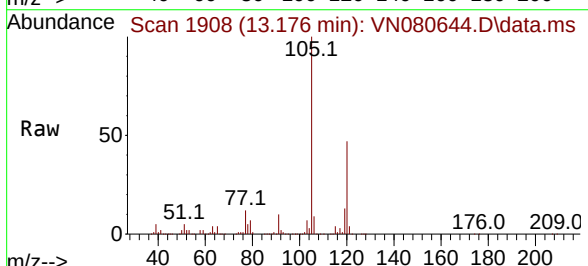
Manual Integrations
APPROVED

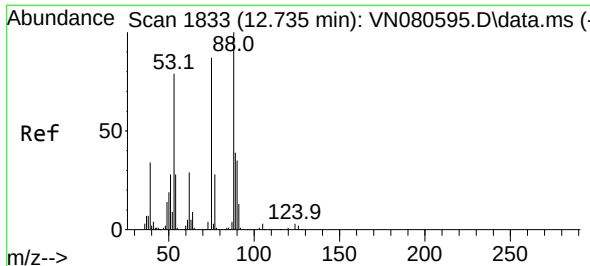
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#80
1,3,5-Trimethylbenzene
Concen: 53.889 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

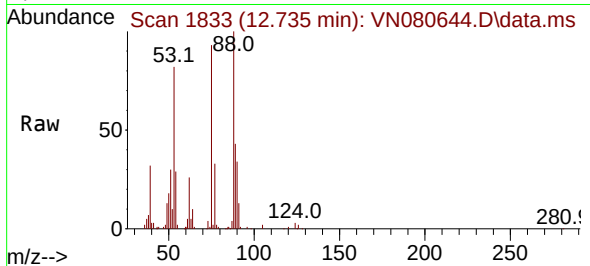
Tgt Ion:105 Resp: 698245
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 44.169 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

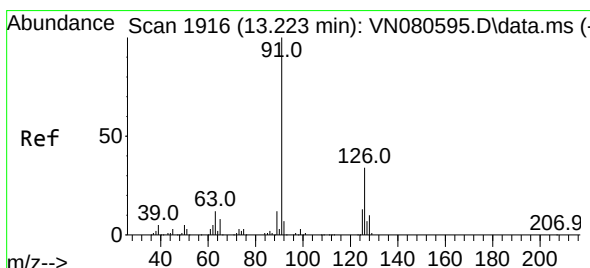
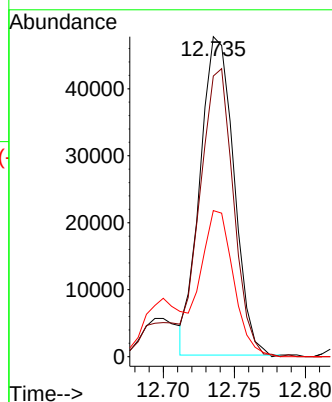
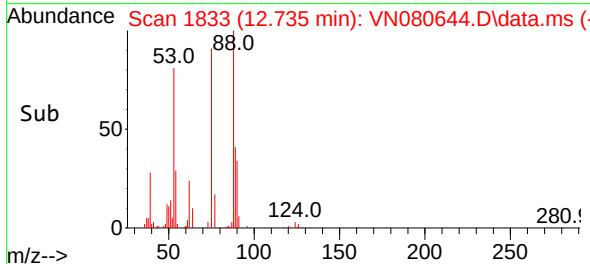
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 78630
Ion Ratio Lower Upper
75 100
53 102.2 67.4 101.2
89 43.5 38.8 58.2

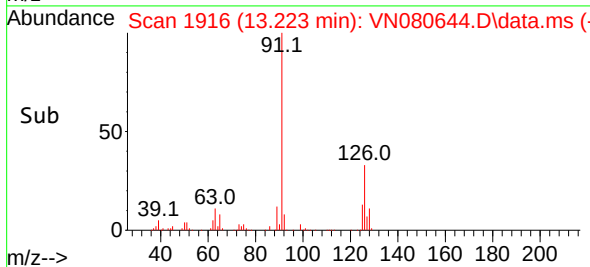
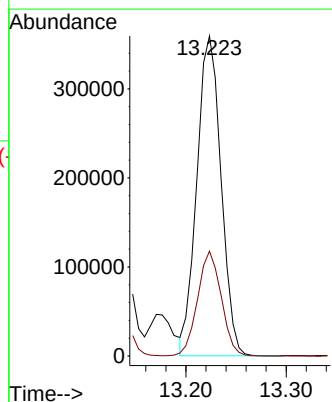
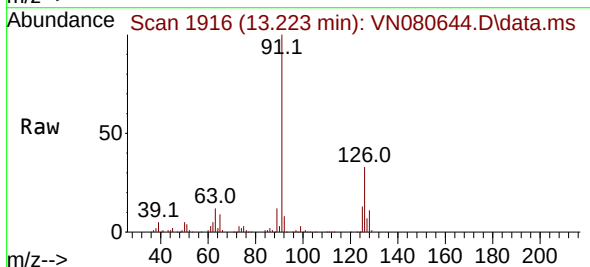
Manual Integrations
APPROVED

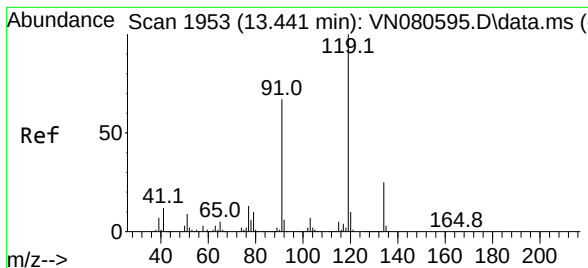
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#82
4-Chlorotoluene
Concen: 51.419 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

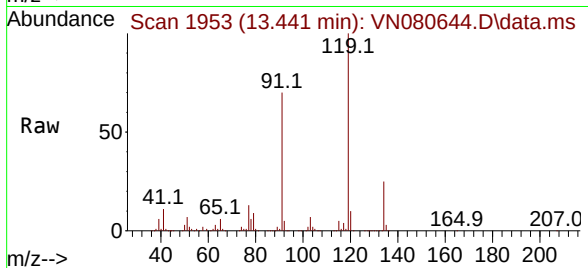
Tgt Ion: 91 Resp: 602408
Ion Ratio Lower Upper
91 100
126 32.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 51.638 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

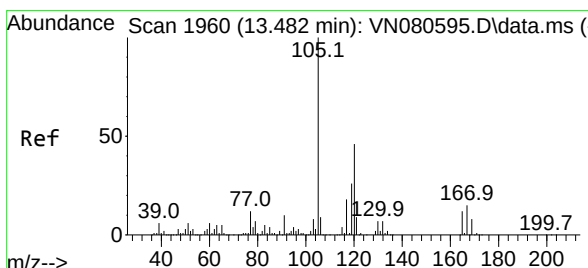
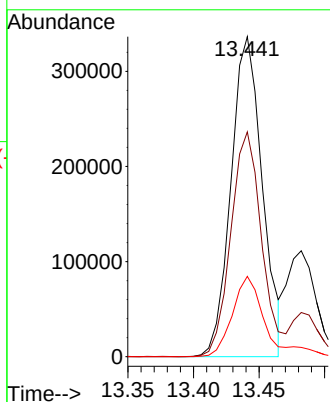
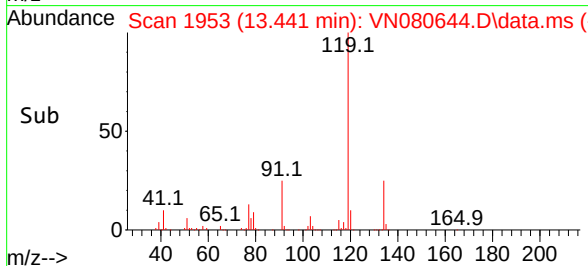
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



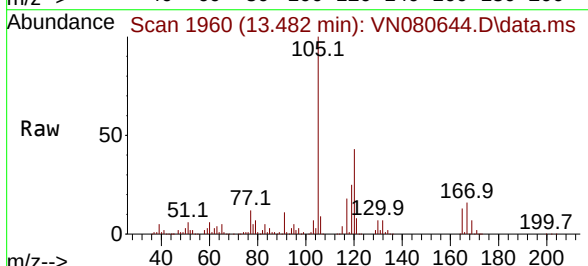
Tgt Ion:119 Resp: 559200
Ion Ratio Lower Upper
119 100
91 69.5 33.9 101.7
134 26.4 13.2 39.6

Manual Integrations
APPROVED

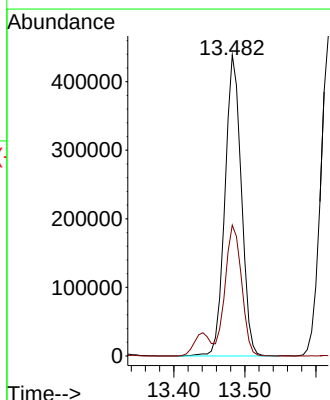
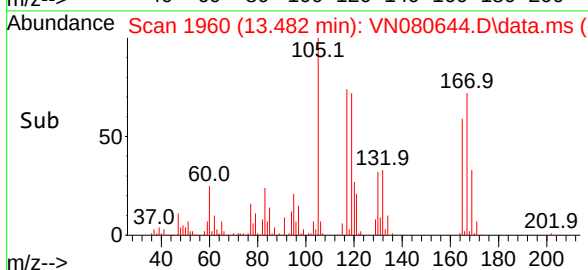
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

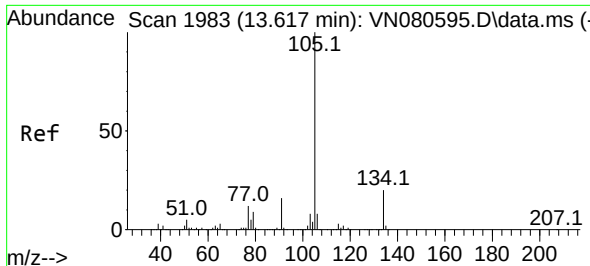


#84
1,2,4-Trimethylbenzene
Concen: 53.409 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07



Tgt Ion:105 Resp: 700705
Ion Ratio Lower Upper
105 100
120 43.3 22.0 66.0





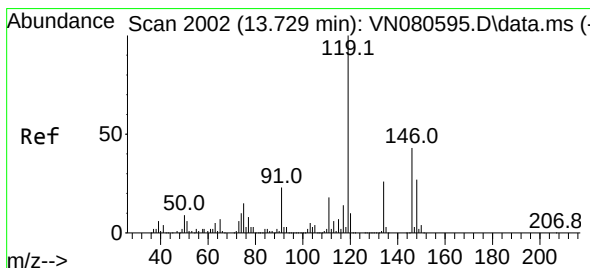
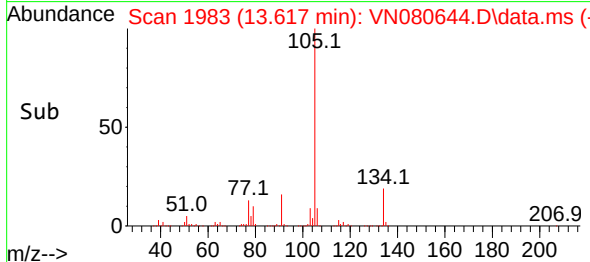
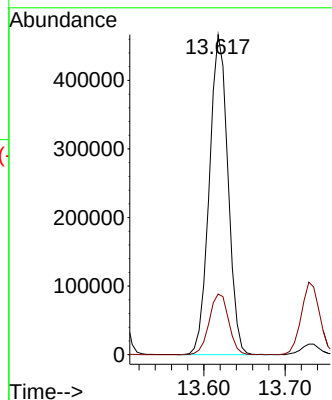
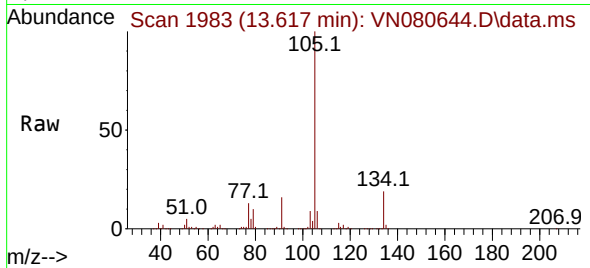
#85
 sec-Butylbenzene
 Concen: 51.853 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080644.D
 Acq: 03 Jan 2024 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 74307
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

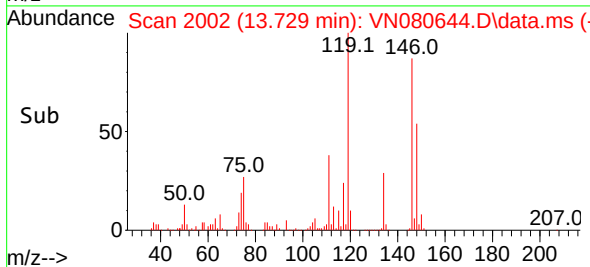
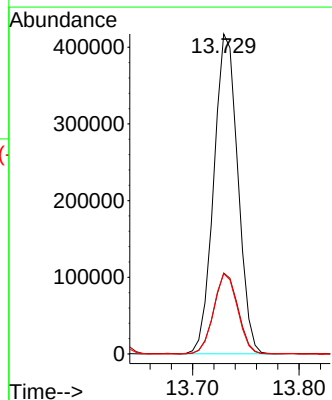
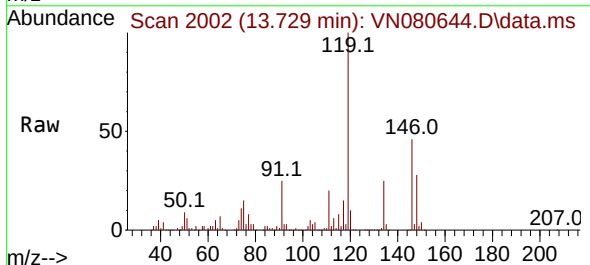
Manual Integrations
 APPROVED

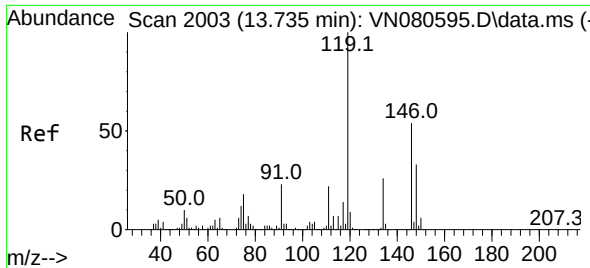
Reviewed By :John Carlone 01/04/2024
 Supervised By :Mahesh Dadoda 01/04/2024



#86
 p-Isopropyltoluene
 Concen: 48.066 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080644.D
 Acq: 03 Jan 2024 17:07

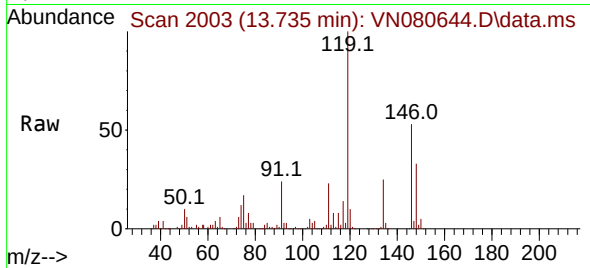
Tgt Ion:119 Resp: 654345
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 24.8 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 48.559 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080644.D
 Acq: 03 Jan 2024 17:07

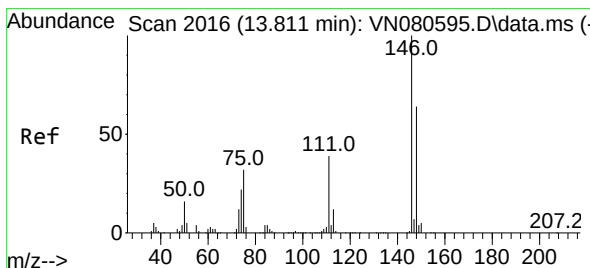
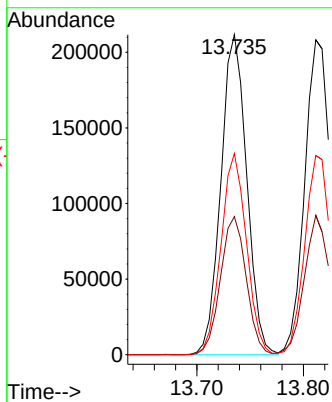
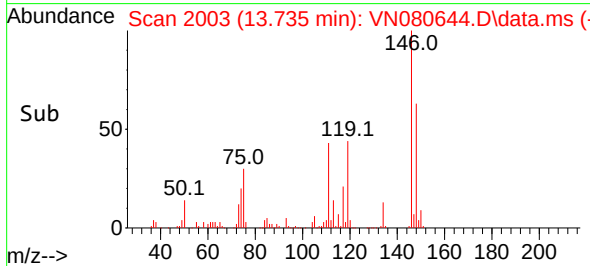
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



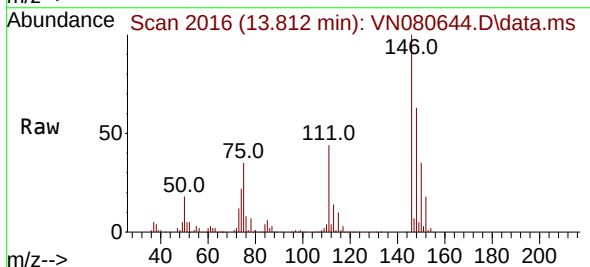
Tgt Ion:146 Resp: 356669
 Ion Ratio Lower Upper
 146 100
 111 43.0 22.1 66.3
 148 62.1 32.0 96.0

Manual Integrations
 APPROVED

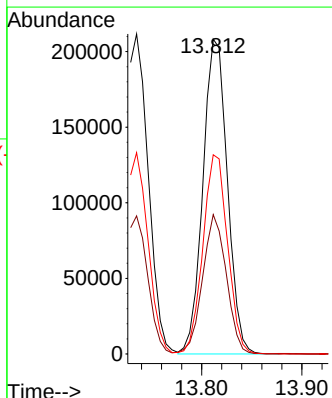
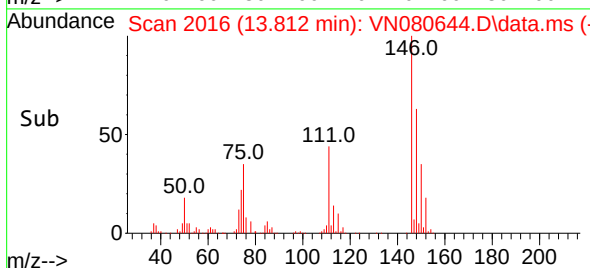
Reviewed By :John Carlone 01/04/2024
 Supervised By :Mahesh Dadoda 01/04/2024

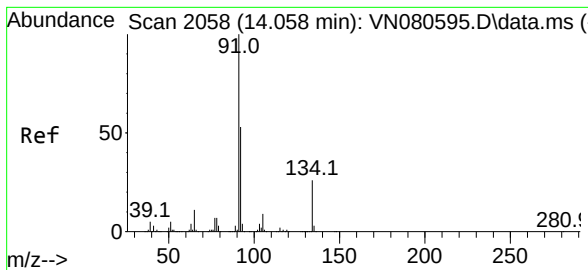


#88
 1,4-Dichlorobenzene
 Concen: 47.820 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN080644.D
 Acq: 03 Jan 2024 17:07



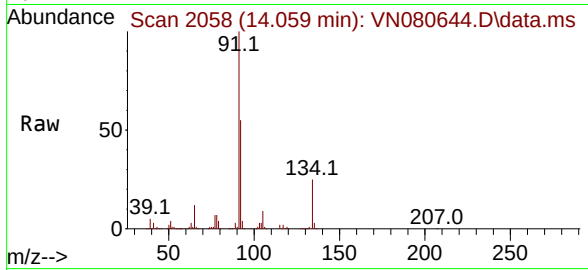
Tgt Ion:146 Resp: 353076
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.6 61.8
 148 63.7 31.6 94.8





#89
n-Butylbenzene
Concen: 51.423 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

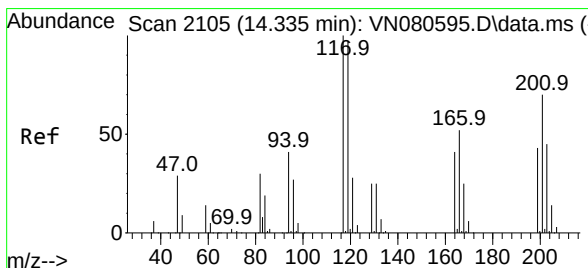
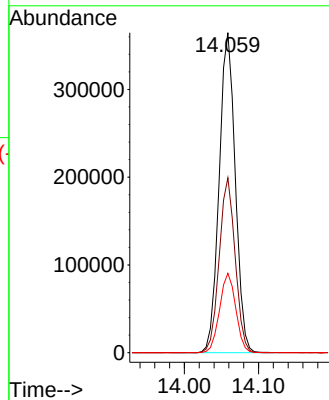
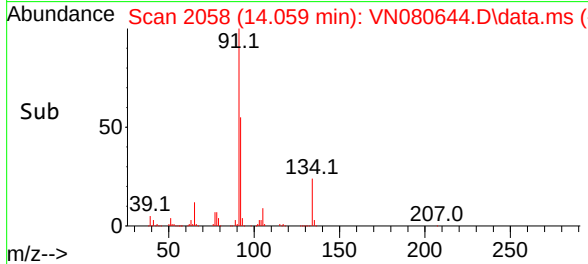
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 550730
Ion Ratio Lower Upper
91 100
92 54.0 26.4 79.0
134 24.9 12.6 37.6

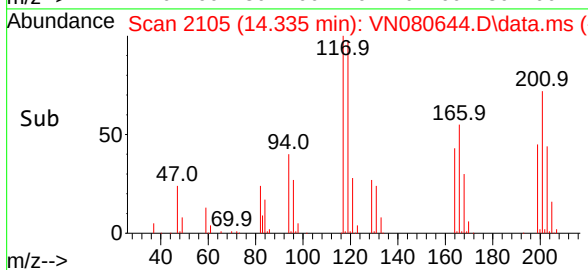
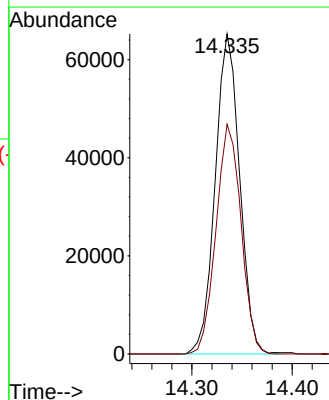
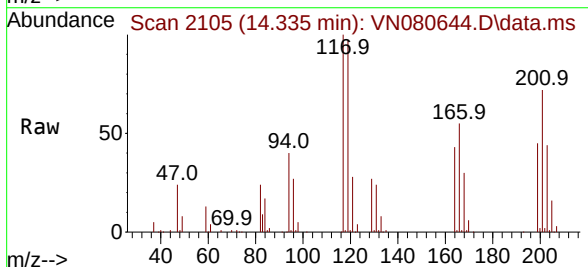
Manual Integrations
APPROVED

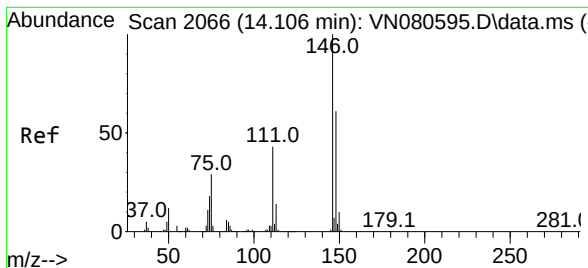
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#90
Hexachloroethane
Concen: 49.379 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

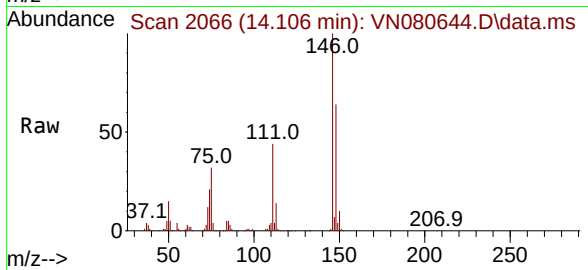
Tgt Ion:117 Resp: 110460
Ion Ratio Lower Upper
117 100
201 73.4 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 48.288 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

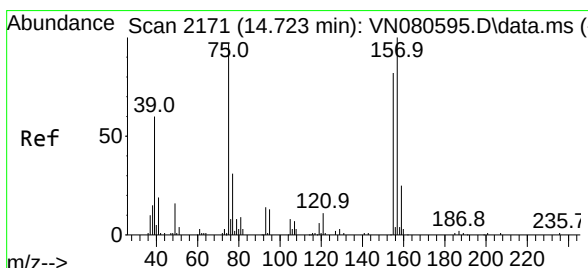
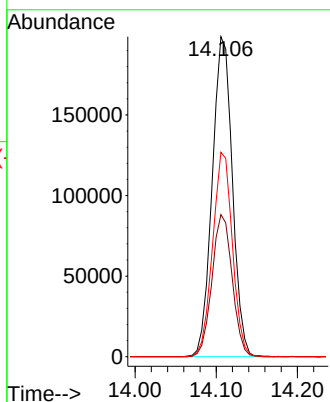
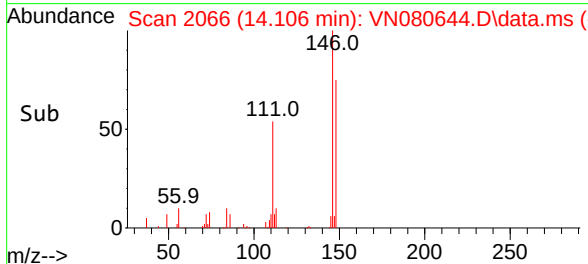
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



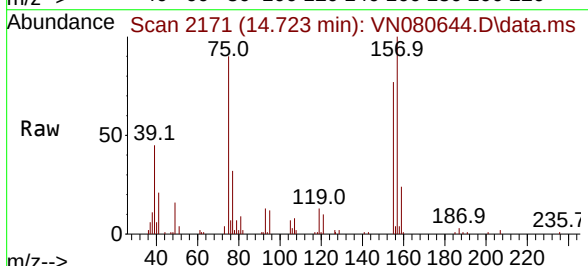
Tgt Ion:146 Resp: 34233
Ion Ratio Lower Upper
146 100
111 44.5 22.0 66.0
148 62.8 31.8 95.3

Manual Integrations
APPROVED

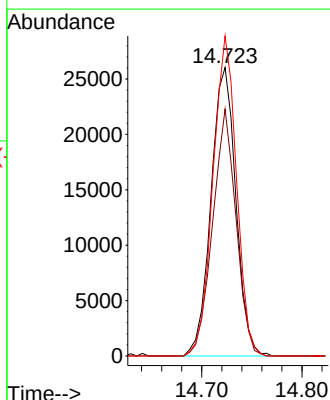
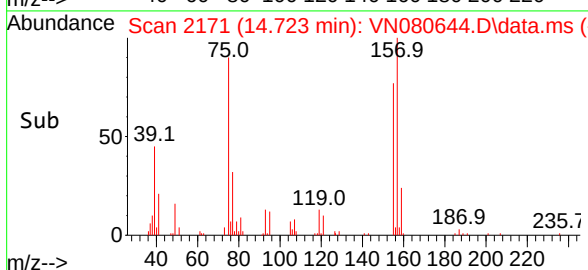
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

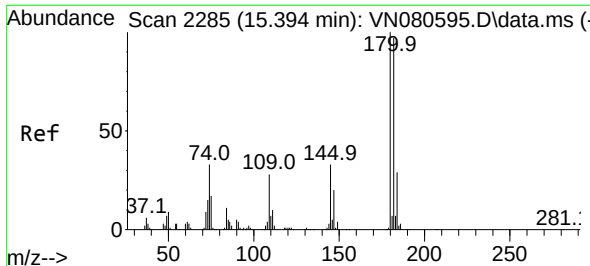


#92
1,2-Dibromo-3-Chloropropane
Concen: 41.040 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07



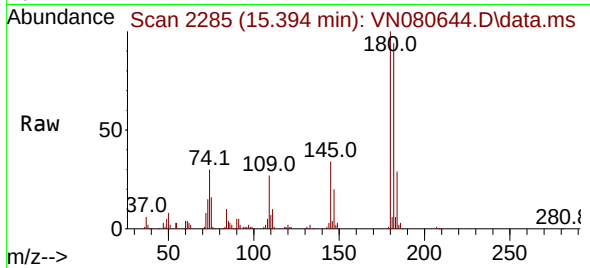
Tgt Ion: 75 Resp: 44855
Ion Ratio Lower Upper
75 100
155 80.6 39.1 117.2
157 105.1 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 49.912 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

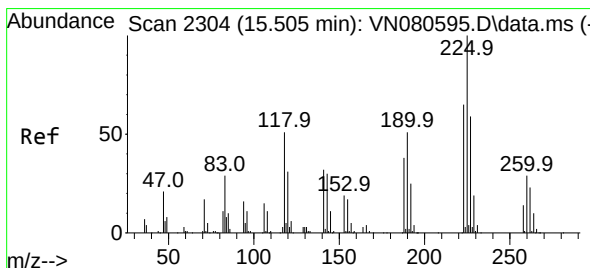
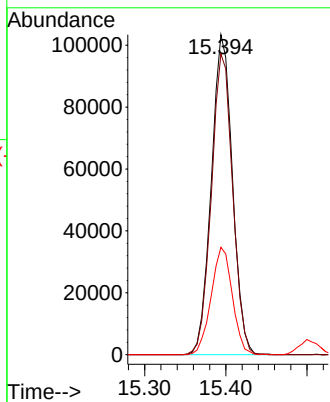
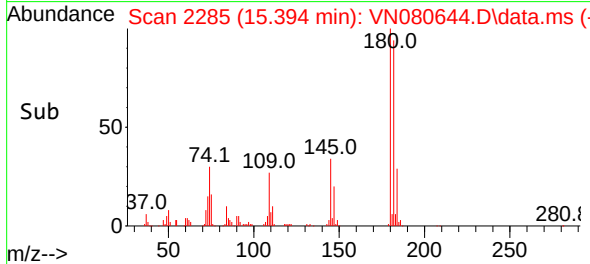
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 18669
Ion Ratio Lower Upper
180 100
182 94.6 46.1 138.2
145 33.7 16.6 49.8

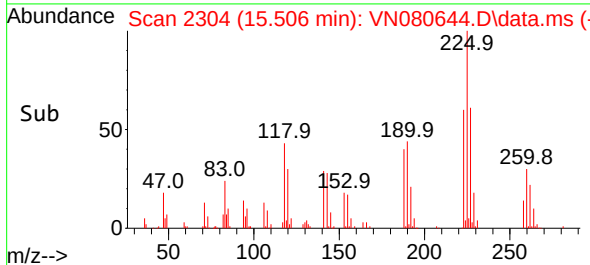
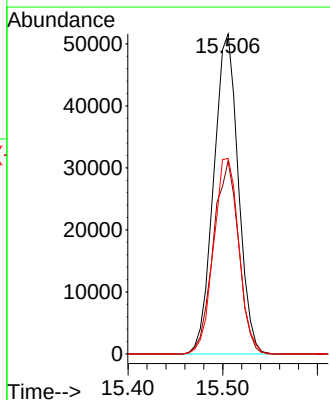
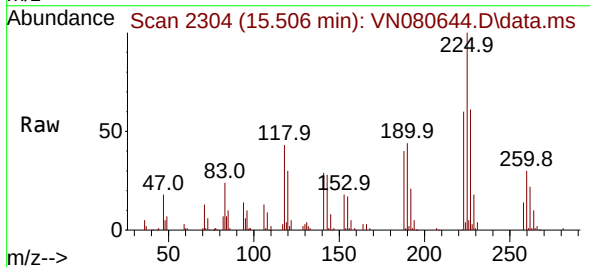
Manual Integrations
APPROVED

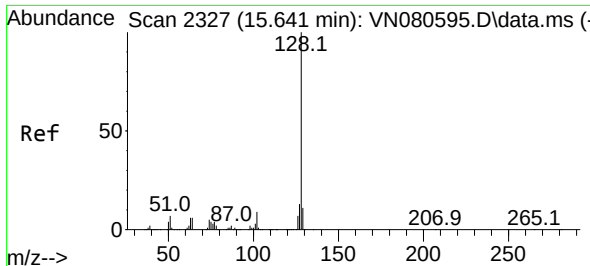
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#94
Hexachlorobutadiene
Concen: 48.237 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

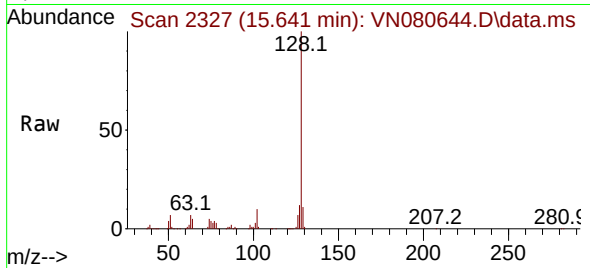
Tgt Ion:225 Resp: 93112
Ion Ratio Lower Upper
225 100
223 62.1 31.3 93.8
227 62.9 31.9 95.9





#95
Naphthalene
Concen: 48.807 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07

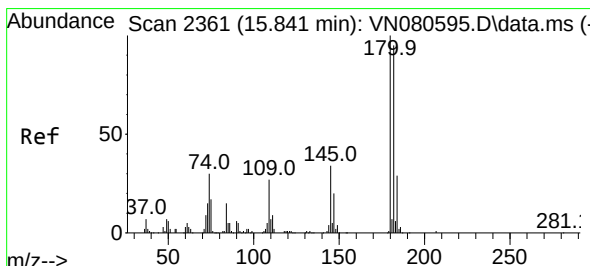
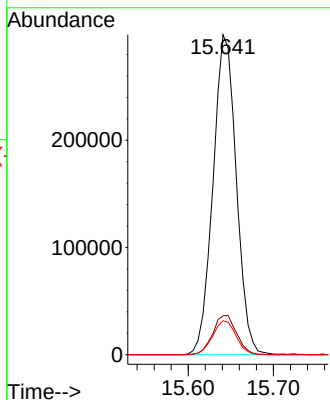
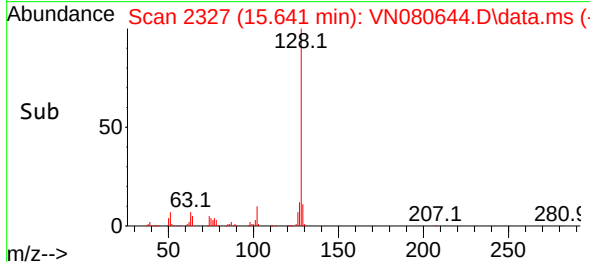
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



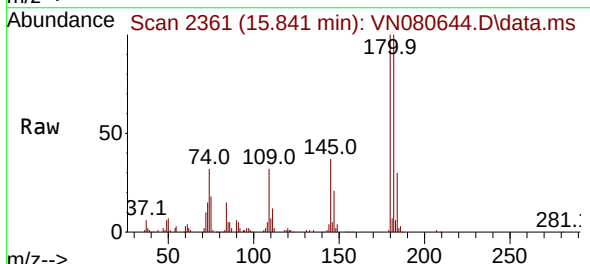
Tgt Ion:128 Resp: 568169
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 46.777 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080644.D
Acq: 03 Jan 2024 17:07



Tgt Ion:180 Resp: 176880
Ion Ratio Lower Upper
180 100
182 95.5 46.2 138.6
145 34.7 17.5 52.6

