

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011024\
 Data File : VN080659.D
 Acq On : 10 Jan 2024 13:33
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024

Quant Time: Jan 11 06:18:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:15:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	177387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	344720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289773	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	48788	15.662	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	31.320%#		
35) Dibromofluoromethane	8.165	113	30736	15.693	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	31.380%#		
50) Toluene-d8	10.571	98	121667	16.291	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	32.580%#		
62) 4-Bromofluorobenzene	12.853	95	43986	15.359	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	30.720%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	61146	21.217	ug/l	96
3) Chloromethane	2.359	50	63521	19.399	ug/l	95
4) Vinyl Chloride	2.512	62	50176	19.190	ug/l	98
5) Bromomethane	2.965	94	18672	18.788	ug/l	88
6) Chloroethane	3.118	64	26629	18.785	ug/l	91
7) Trichlorofluoromethane	3.495	101	84224	19.506	ug/l	94
8) Diethyl Ether	3.965	74	35394	18.756	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.377	101	44504	18.910	ug/l	94
10) Methyl Iodide	4.583	142	37803	19.210	ug/l	91
11) Tert butyl alcohol	5.506	59	49808	94.544	ug/l	# 93
12) 1,1-Dichloroethene	4.342	96	46657	17.617	ug/l	# 74
13) Acrolein	4.183	56	40642	91.649	ug/l	96
14) Allyl chloride	5.018	41	95364	18.165	ug/l	# 86
15) Acrylonitrile	5.712	53	130948	95.186	ug/l	99
16) Acetone	4.424	43	103831	101.526	ug/l	97
17) Carbon Disulfide	4.712	76	151596	18.715	ug/l	97
18) Methyl Acetate	5.024	43	60303	19.801	ug/l	# 81
19) Methyl tert-butyl Ether	5.794	73	174294	19.099	ug/l	# 90
20) Methylene Chloride	5.283	84	52320	17.524	ug/l	# 80
21) trans-1,2-Dichloroethene	5.783	96	51039	19.000	ug/l	# 84
22) Diisopropyl ether	6.671	45	193347	19.530	ug/l	# 89
23) Vinyl Acetate	6.600	43	759705	94.826	ug/l	# 84
24) 1,1-Dichloroethane	6.565	63	104249	19.237	ug/l	98
25) 2-Butanone	7.483	43	171824	92.947	ug/l	# 84
26) 2,2-Dichloropropane	7.483	77	90882	19.176	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	57820	19.525	ug/l	77
28) Bromochloromethane	7.812	49	48926	19.312	ug/l	# 62
29) Tetrahydrofuran	7.841	42	113990	91.484	ug/l	# 75
30) Chloroform	7.965	83	99377	19.561	ug/l	94
31) Cyclohexane	8.253	56	95222	19.786	ug/l	# 79
32) 1,1,1-Trichloroethane	8.171	97	88644	21.398	ug/l	94
36) 1,1-Dichloropropene	8.377	75	76950	19.180	ug/l	91
37) Ethyl Acetate	7.559	43	77539	19.930	ug/l	# 91
38) Carbon Tetrachloride	8.359	117	70818	19.659	ug/l	97
39) Methylcyclohexane	9.600	83	75204	19.587	ug/l	# 82
40) Benzene	8.606	78	216339	19.181	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	44919	20.122	ug/l #	79
42) 1,2-Dichloroethane	8.671	62	88419	20.477	ug/l	95
43) Isopropyl Acetate	8.688	43	138119	19.314	ug/l #	88
44) Trichloroethene	9.353	130	49859	19.527	ug/l	93
45) 1,2-Dichloropropane	9.618	63	59112	19.769	ug/l	97
46) Dibromomethane	9.712	93	36846	19.476	ug/l	95
47) Bromodichloromethane	9.888	83	81210	19.340	ug/l	97
48) Methyl methacrylate	9.682	41	64749	19.124	ug/l #	78
49) 1,4-Dioxane	9.694	88	16271	385.687	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	377384	97.818	ug/l	87
52) Toluene	10.629	92	129754	20.079	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	92751	19.901	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	97999	19.828	ug/l #	76
55) 1,1,2-Trichloroethane	11.018	97	47747	19.196	ug/l	97
56) Ethyl methacrylate	10.876	69	85979	19.299	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	89467	19.703	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	203877	95.544	ug/l #	86
59) 2-Hexanone	11.194	43	285780	100.342	ug/l	82
60) Dibromochloromethane	11.359	129	51467	20.133	ug/l	99
61) 1,2-Dibromoethane	11.471	107	49419	20.212	ug/l	93
64) Tetrachloroethene	11.106	164	39169	19.683	ug/l	94
65) Chlorobenzene	11.894	112	126213	19.936	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	43229	19.232	ug/l	96
67) Ethyl Benzene	11.965	91	239881	19.843	ug/l	94
68) m/p-Xylenes	12.070	106	170221	40.051	ug/l	86
69) o-Xylene	12.400	106	83216	20.025	ug/l	83
70) Styrene	12.412	104	137581	19.497	ug/l #	92
71) Bromoform	12.576	173	30070	19.445	ug/l #	96
73) Isopropylbenzene	12.700	105	208934	19.341	ug/l	99
74) N-amyl acetate	12.494	43	119287	18.400	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	64704	18.259	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	63366m	17.754	ug/l	
77) Bromobenzene	12.982	156	42512	18.528	ug/l	65
78) n-propylbenzene	13.035	91	254832	19.230	ug/l	95
79) 2-Chlorotoluene	13.129	91	154334	18.173	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	174166	19.345	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	27056	18.197	ug/l #	77
82) 4-Chlorotoluene	13.223	91	158062	18.985	ug/l	93
83) tert-Butylbenzene	13.441	119	137443	19.097	ug/l	88
84) 1,2,4-Trimethylbenzene	13.482	105	172826	19.522	ug/l	94
85) sec-Butylbenzene	13.617	105	192146	18.790	ug/l	97
86) p-Isopropyltoluene	13.729	119	155673	19.275	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	77427	18.893	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	75362	18.050	ug/l	92
89) n-Butylbenzene	14.059	91	149345	19.184	ug/l	98
90) Hexachloroethane	14.335	117	28547	19.059	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	76228	19.739	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16195	19.742	ug/l	77
93) 1,2,4-Trichlorobenzene	15.400	180	37034	18.413	ug/l	95
94) Hexachlorobutadiene	15.506	225	17640	18.276	ug/l	99
95) Naphthalene	15.641	128	152791	19.303	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	38918	19.991	ug/l	97

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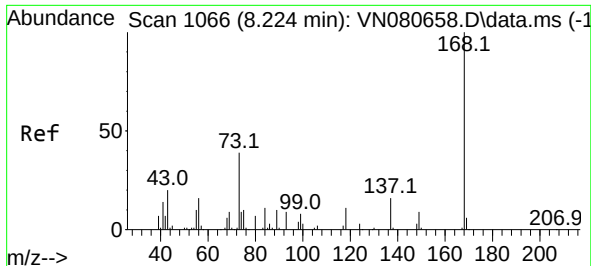
Manual Integrations
APPROVED

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Response via : Initial Calibration

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



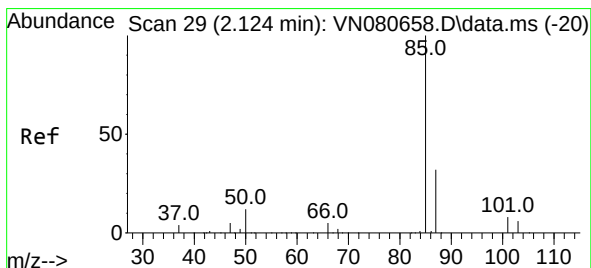
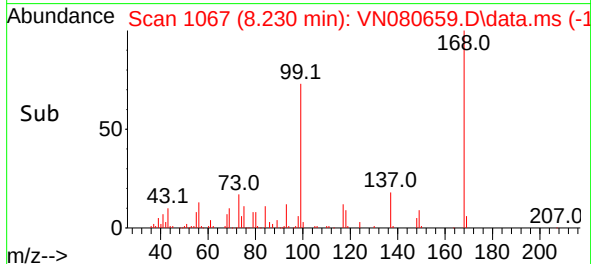
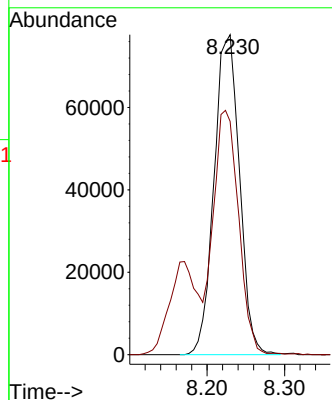
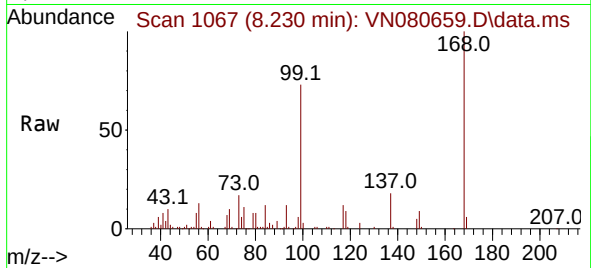
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080659.D
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VSTDIC020

Tgt Ion:168 Resp: 17738
Ion Ratio Lower Upper
168 100
99 72.5 53.0 79.6

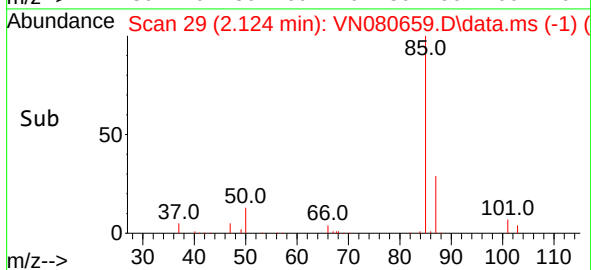
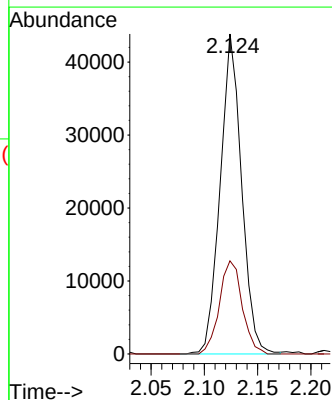
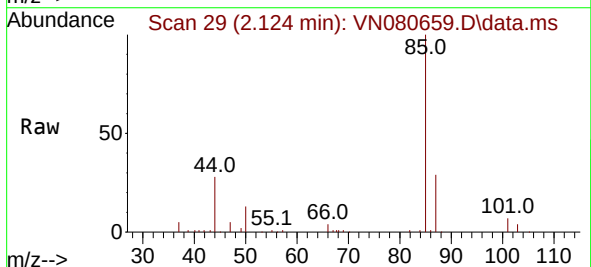
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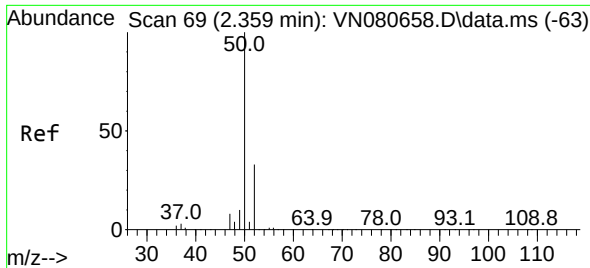
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#2
Dichlorodifluoromethane
Concen: 21.217 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 85 Resp: 61146
Ion Ratio Lower Upper
85 100
87 29.1 15.8 47.4





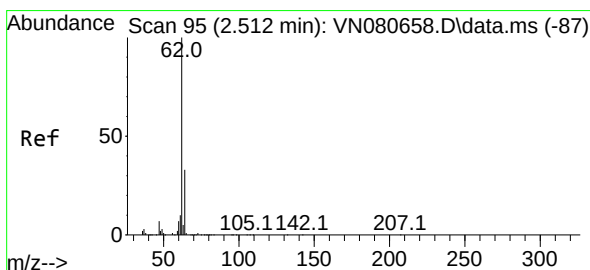
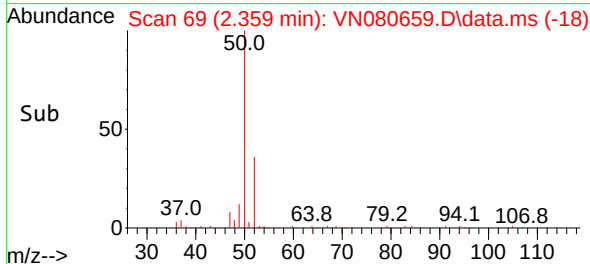
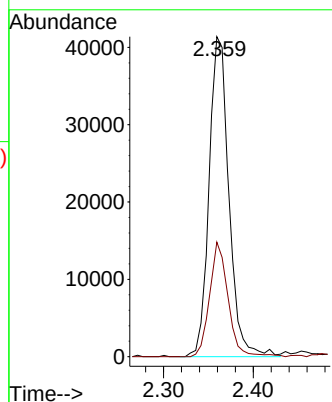
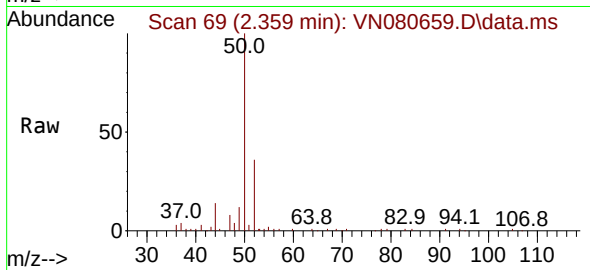
#3
Chloromethane
Concen: 19.399 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

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VSTDIC020

Tgt Ion: 50 Resp: 6352
Ion Ratio Lower Upper
50 100
52 35.8 26.5 39.7

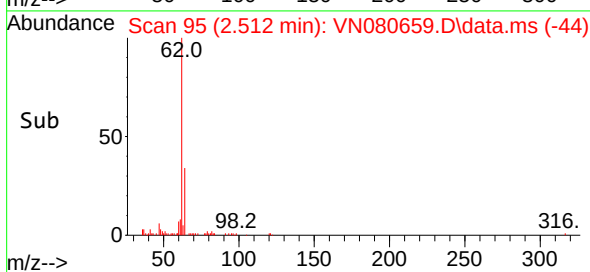
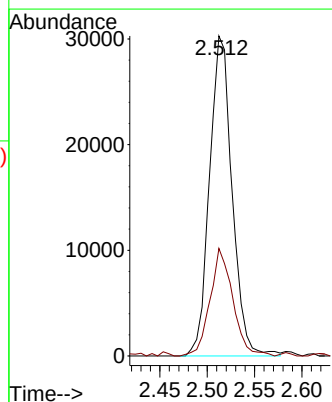
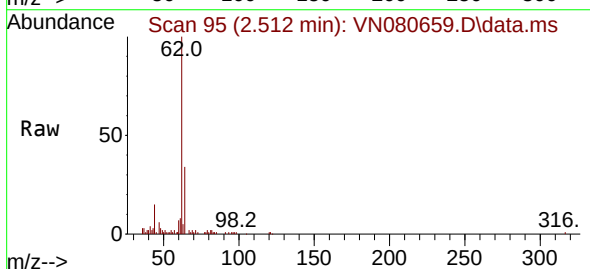
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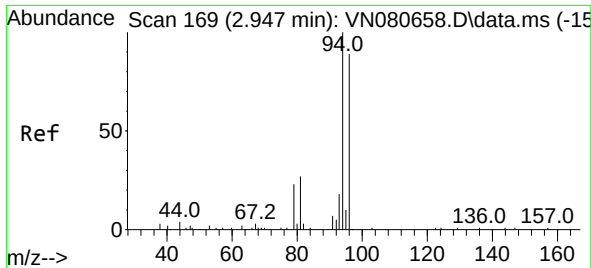
Reviewed By :John Carlone 01/11/2024
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#4
Vinyl Chloride
Concen: 19.190 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 62 Resp: 50176
Ion Ratio Lower Upper
62 100
64 33.6 26.2 39.2





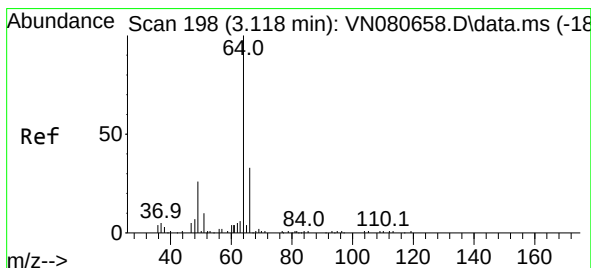
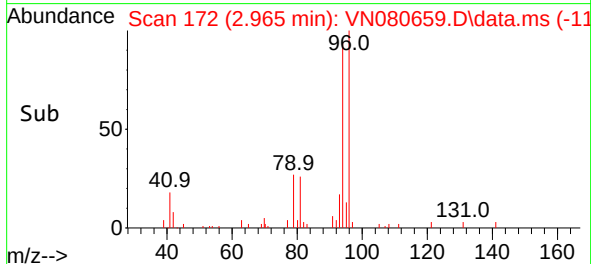
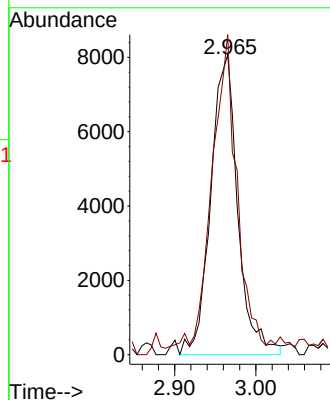
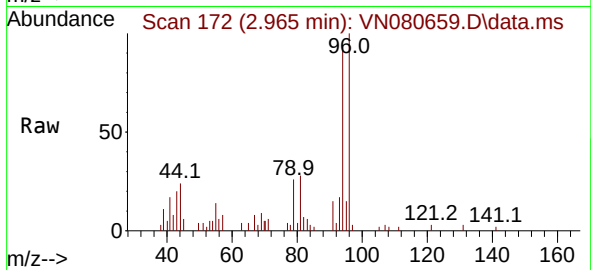
#5
Bromomethane
Concen: 18.788 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.018 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Instrument :
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Tgt Ion: 94 Resp: 18672
Ion Ratio Lower Upper
94 100
96 102.8 73.1 109.7

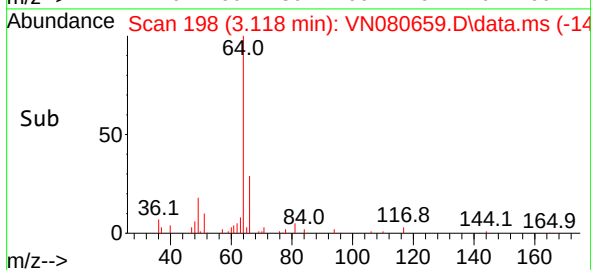
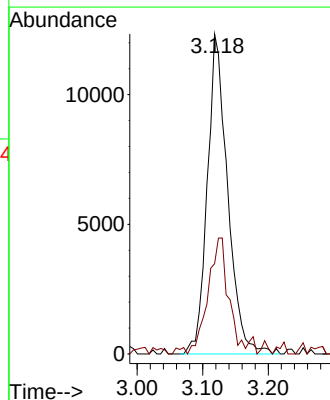
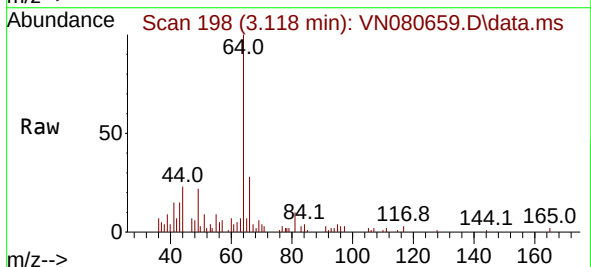
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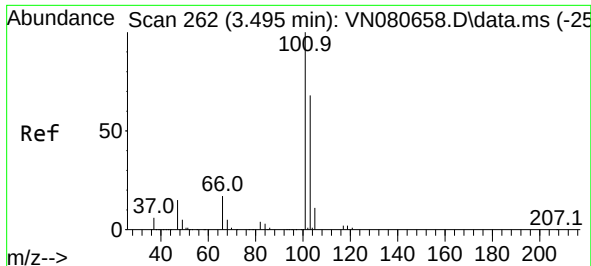
Reviewed By :John Carlone 01/11/2024
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#6
Chloroethane
Concen: 18.785 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 64 Resp: 26629
Ion Ratio Lower Upper
64 100
66 26.8 25.4 38.2





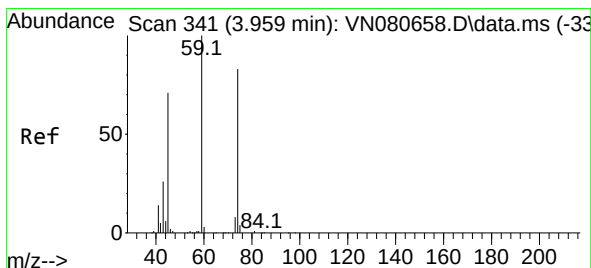
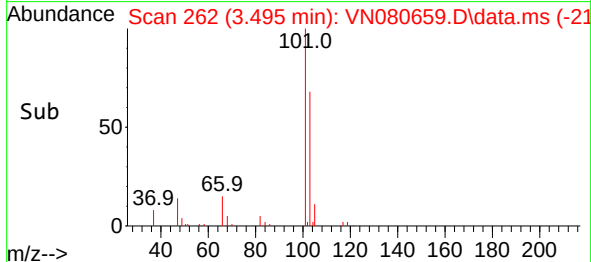
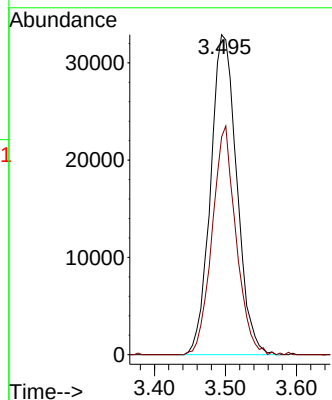
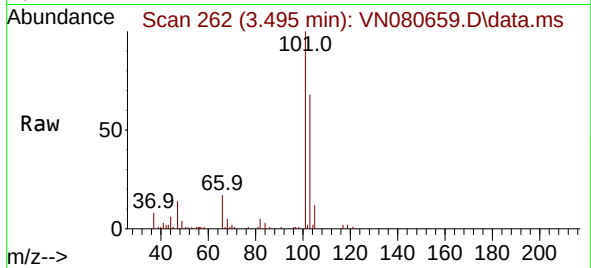
#7
 Trichlorofluoromethane
 Concen: 19.506 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN080659.D
 Acq: 10 Jan 2024 13:33

Instrument :
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 ClientSampleId :
 VSTDICC020

Tgt Ion:101 Resp: 84224
 Ion Ratio Lower Upper
 101 100
 103 68.1 50.7 76.1

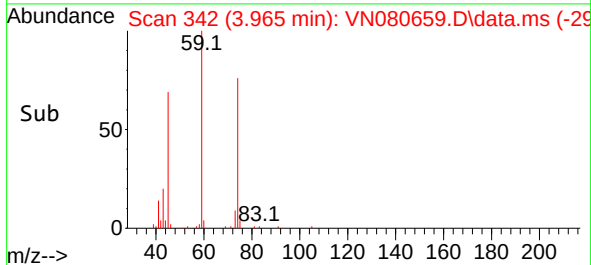
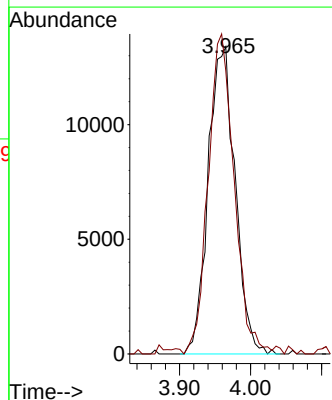
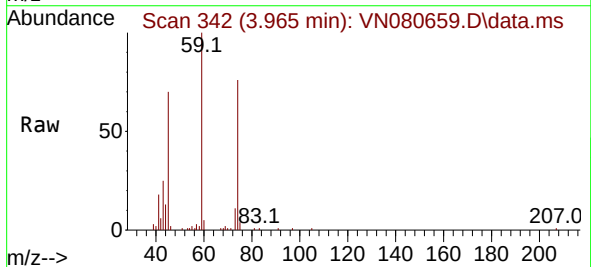
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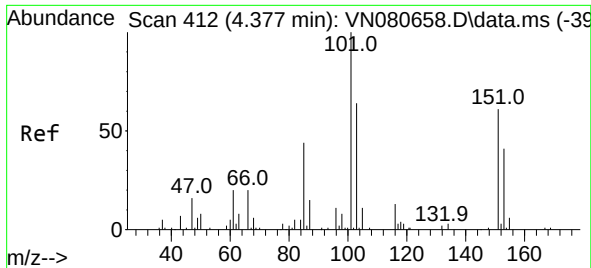
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#8
 Diethyl Ether
 Concen: 18.756 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 35394
 Ion Ratio Lower Upper
 74 100
 45 100.3 34.4 103.3





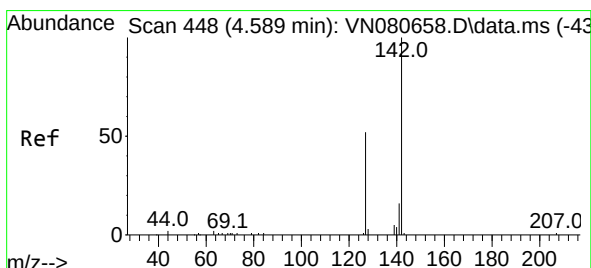
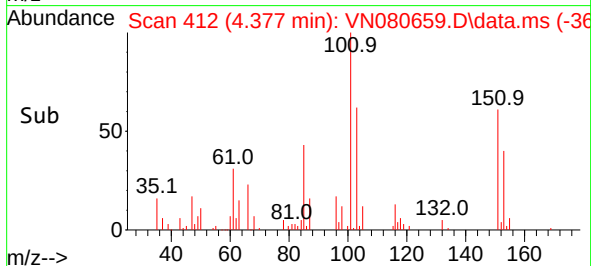
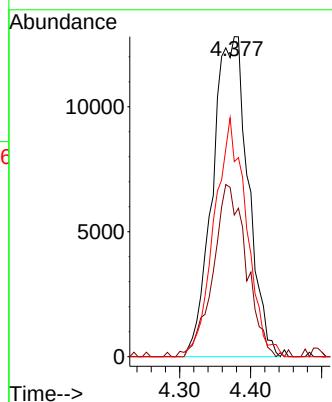
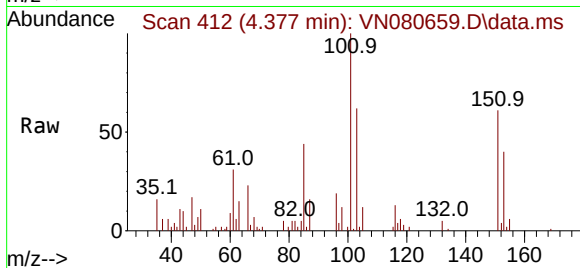
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.910 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

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ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 44504
Ion Ratio Lower Upper
101 100
85 50.3 36.6 55.0
151 67.7 57.6 86.4

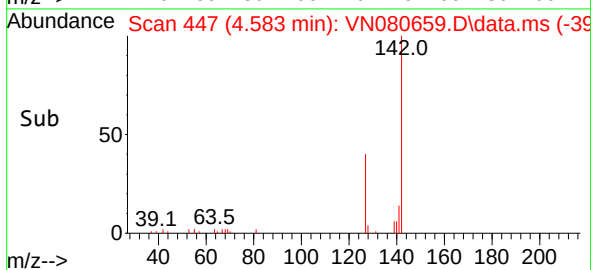
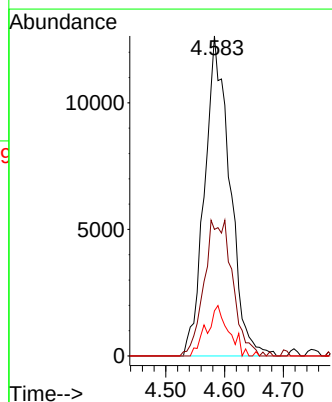
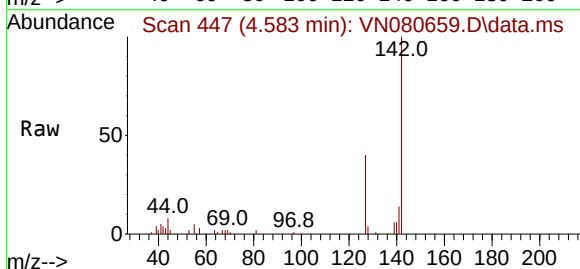
Manual Integrations
APPROVED

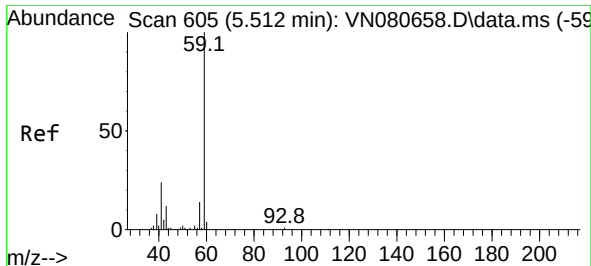
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#10
Methyl Iodide
Concen: 19.210 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion:142 Resp: 37803
Ion Ratio Lower Upper
142 100
127 39.6 37.6 56.4
141 14.1 11.4 17.0





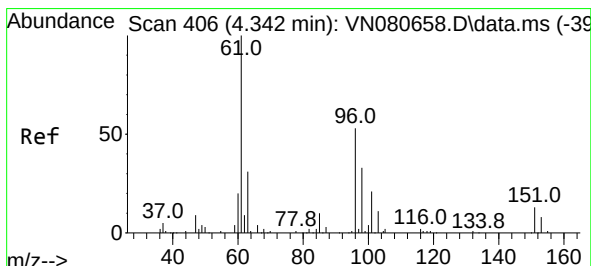
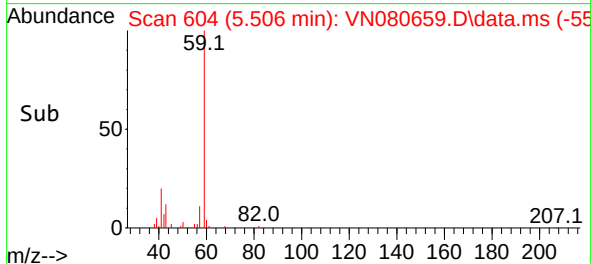
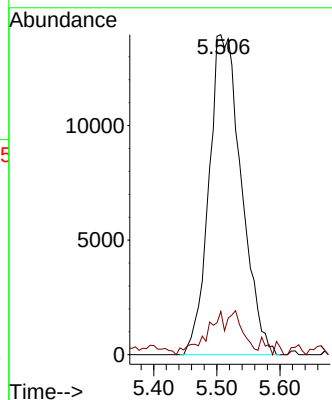
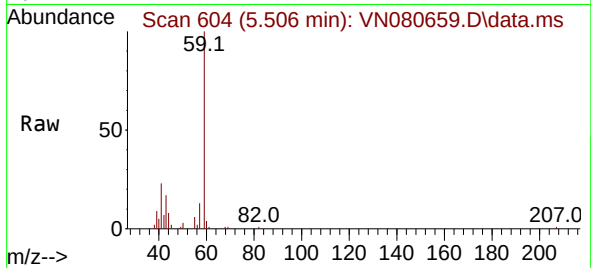
#11
Tert butyl alcohol
Concen: 94.544 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 49808
Ion Ratio Lower Upper
59 100
57 7.5 8.2 12.4

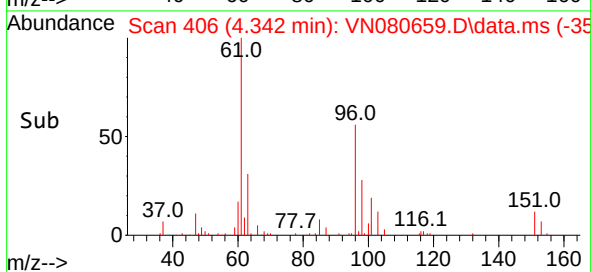
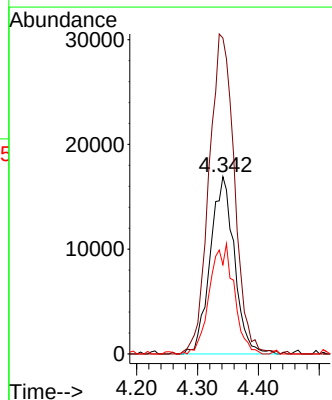
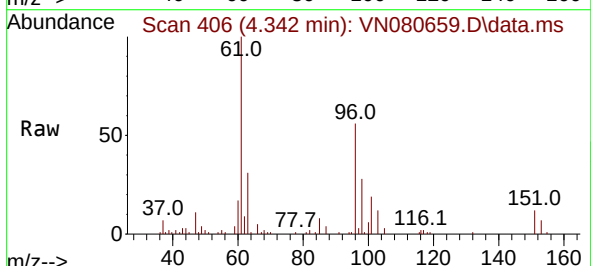
Manual Integrations
APPROVED

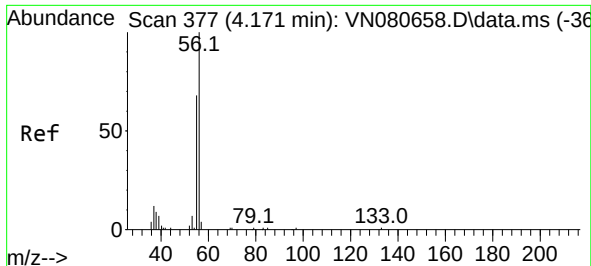
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#12
1,1-Dichloroethene
Concen: 17.617 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 96 Resp: 46657
Ion Ratio Lower Upper
96 100
61 178.1 112.7 169.1#
98 50.3 51.2 76.8#





#13

Acrolein

Concen: 91.649 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 4064

Ion Ratio Lower Upper

56 100

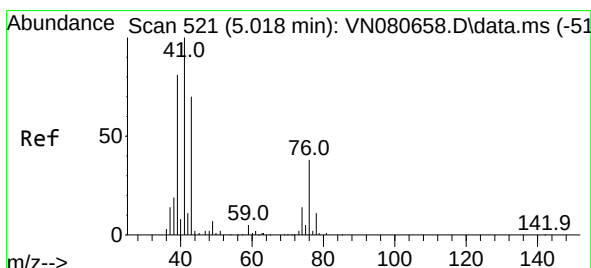
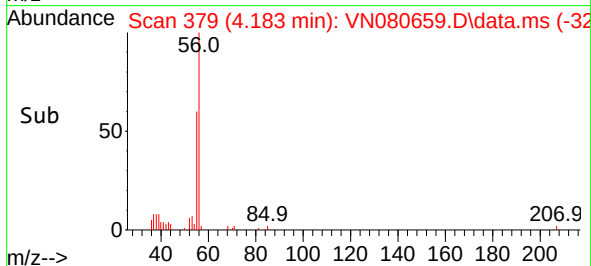
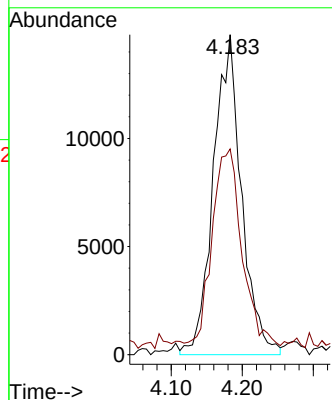
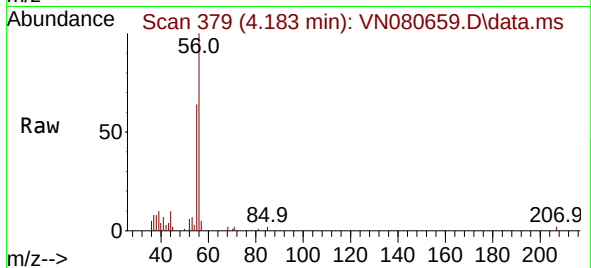
55 65.2 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#14

Allyl chloride

Concen: 18.165 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

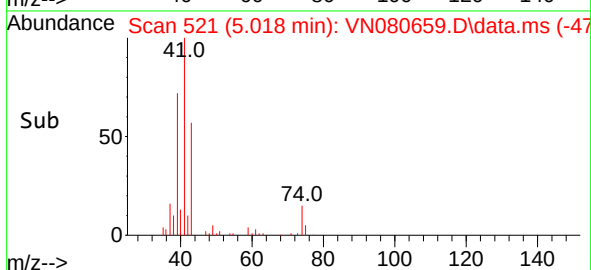
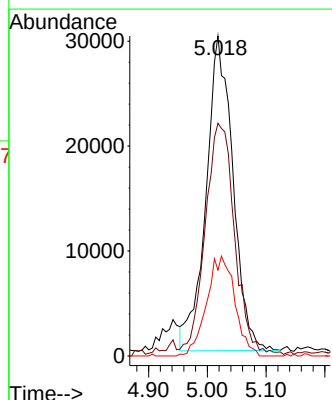
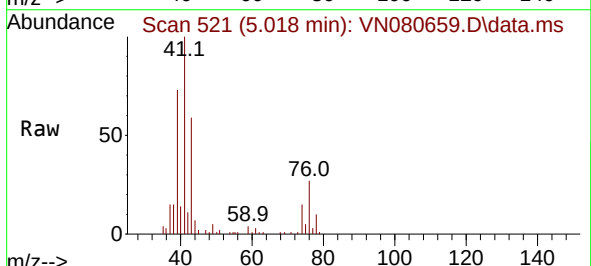
Tgt Ion: 41 Resp: 95364

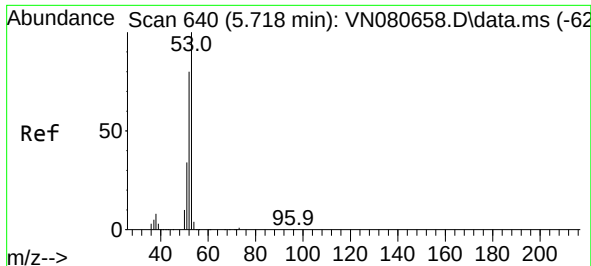
Ion Ratio Lower Upper

41 100

39 79.9 58.8 88.2

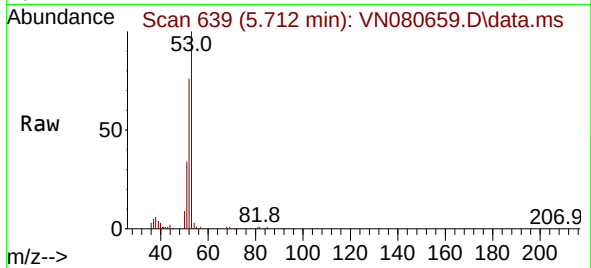
76 33.2 39.1 58.7#





#15
Acrylonitrile
Concen: 95.186 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

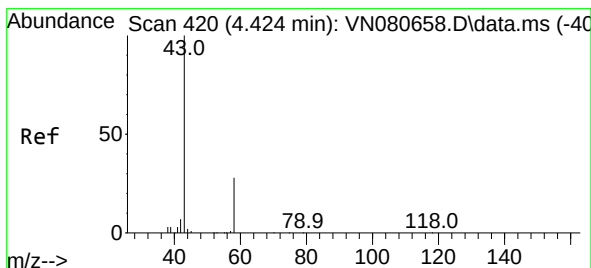
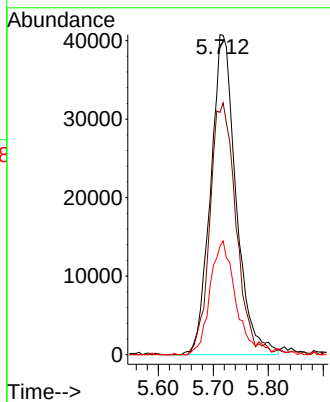
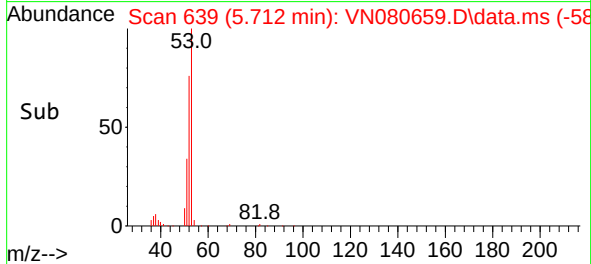
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 130948
Ion Ratio Lower Upper
53 100
52 80.7 65.3 97.9
51 34.8 28.9 43.3

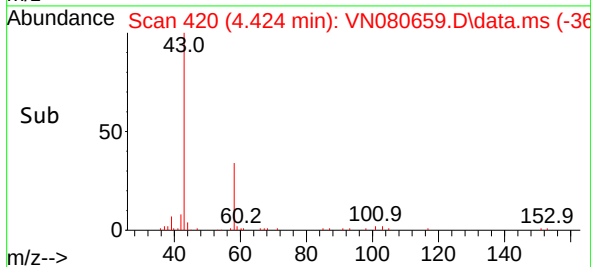
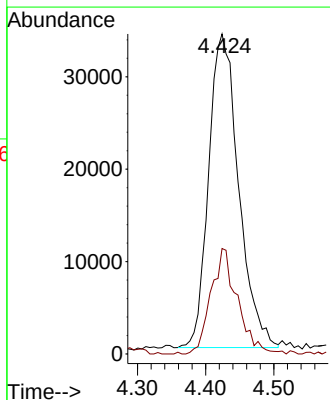
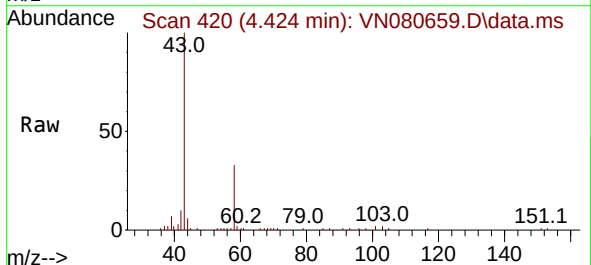
Manual Integrations
APPROVED

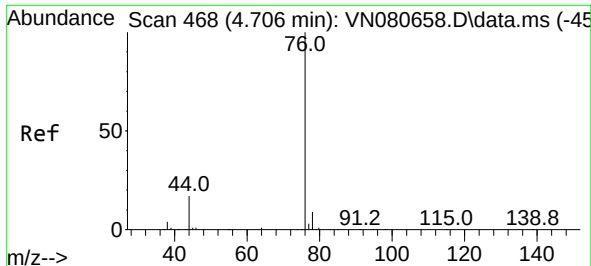
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#16
Acetone
Concen: 101.526 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 43 Resp: 103831
Ion Ratio Lower Upper
43 100
58 33.1 28.0 42.0





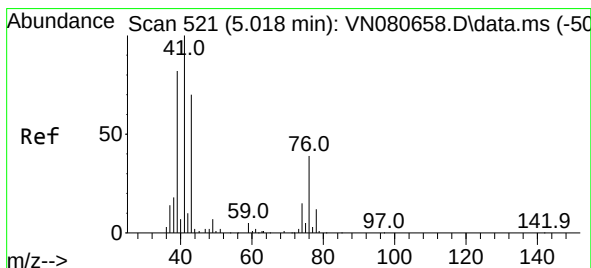
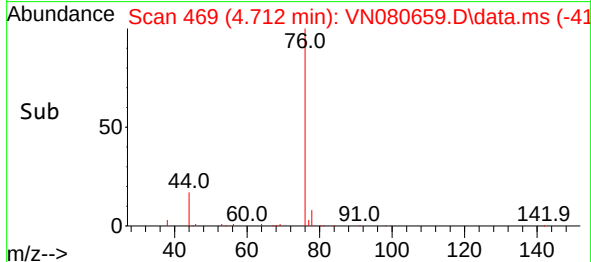
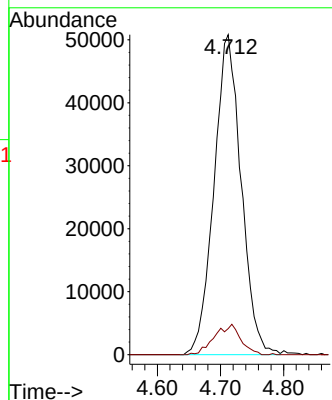
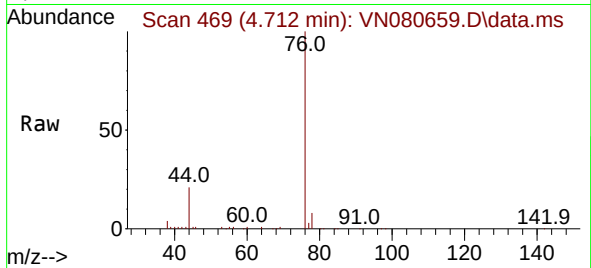
#17
Carbon Disulfide
Concen: 18.715 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Instrument :
MSVOA_N
Client Sample Id :
VSTDICC020

Tgt Ion: 76 Resp: 151590
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

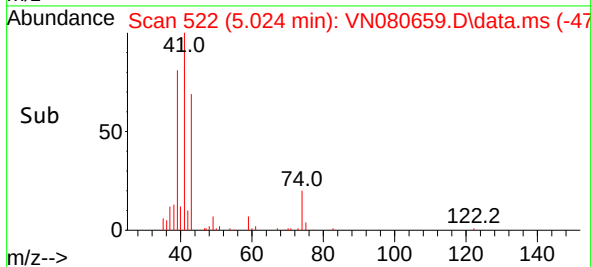
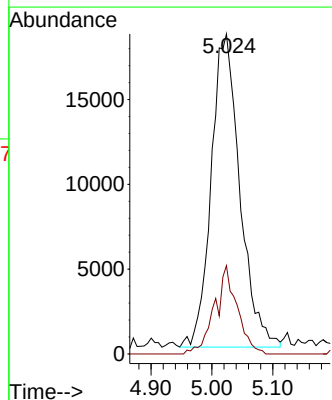
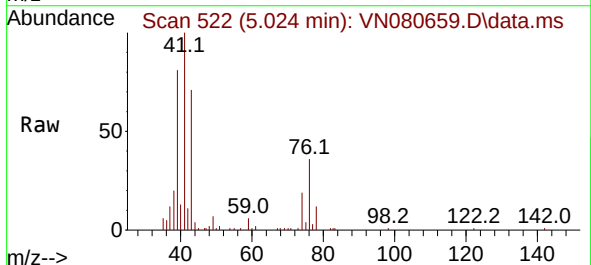
Manual Integrations
APPROVED

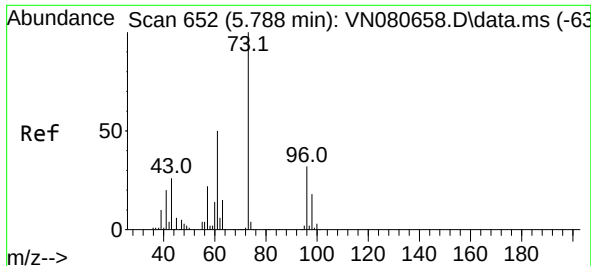
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#18
Methyl Acetate
Concen: 19.801 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 43 Resp: 60303
Ion Ratio Lower Upper
43 100
74 22.2 26.2 39.4#





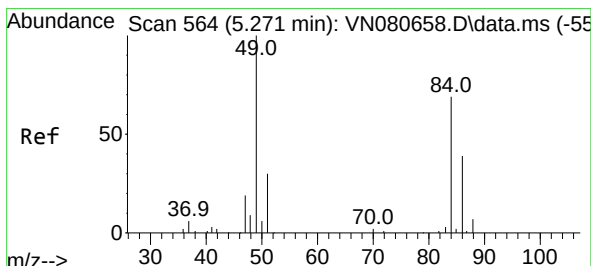
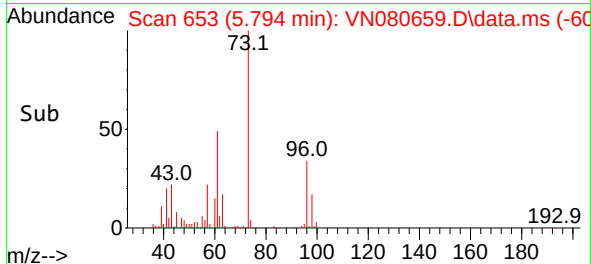
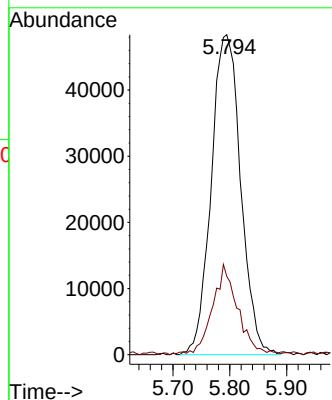
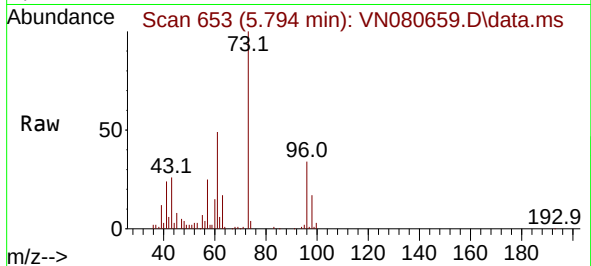
#19
Methyl tert-butyl Ether
Concen: 19.099 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 174294
Ion Ratio Lower Upper
73 100
57 24.2 15.6 23.4

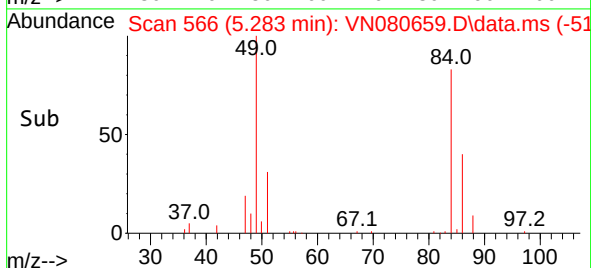
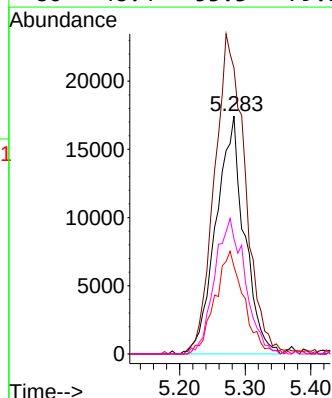
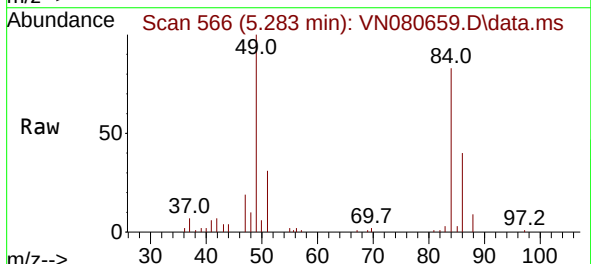
Manual Integrations
APPROVED

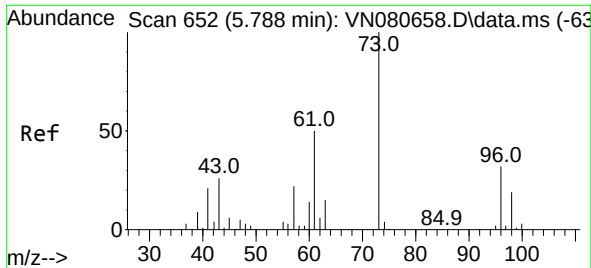
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#20
Methylene Chloride
Concen: 17.524 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

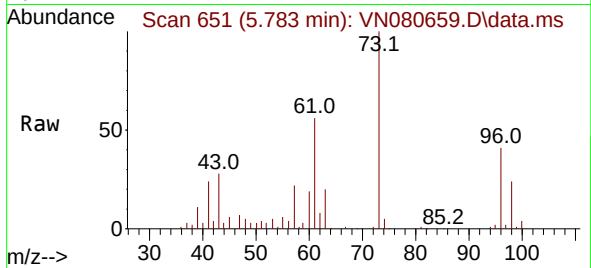
Tgt Ion: 84 Resp: 52320
Ion Ratio Lower Upper
84 100
49 120.2 79.7 119.5#
51 36.8 25.2 37.8
86 48.4 53.3 79.9#





#21
trans-1,2-Dichloroethene
Concen: 19.000 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

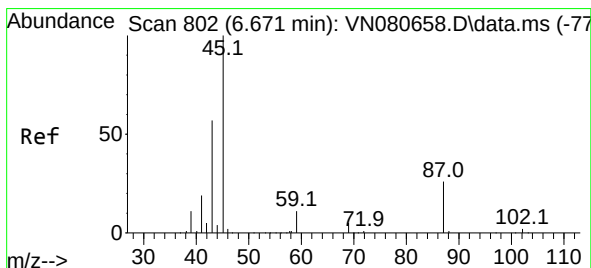
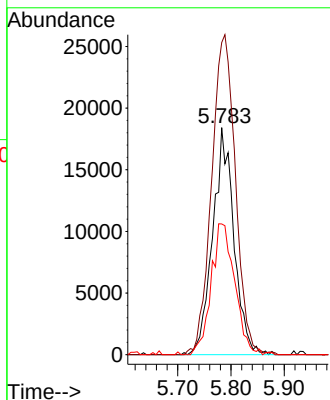
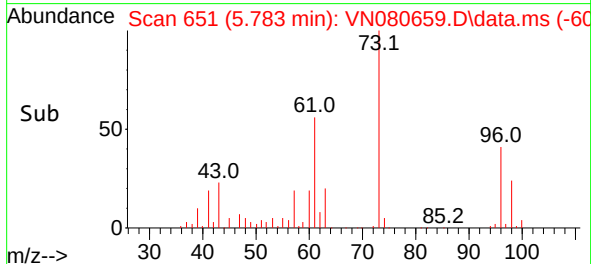
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 51039
Ion Ratio Lower Upper
96 100
61 137.5 90.1 135.1
98 57.6 46.4 69.6

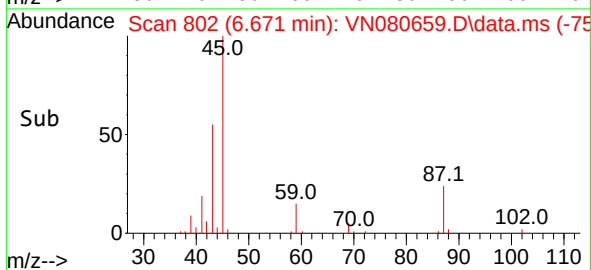
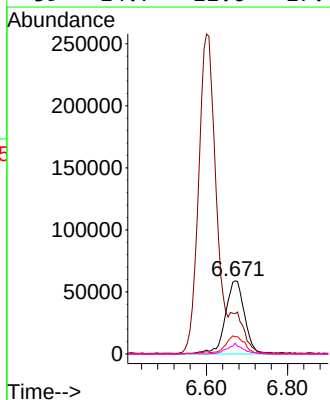
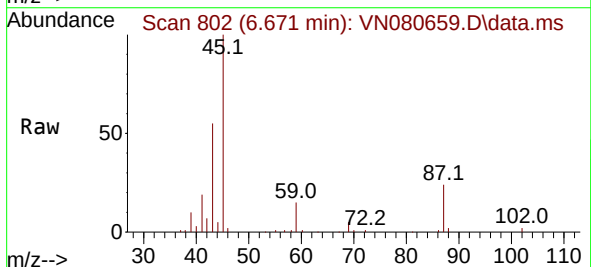
Manual Integrations
APPROVED

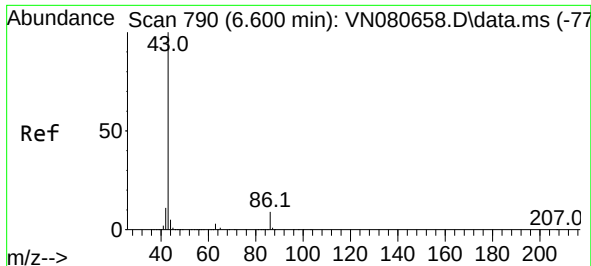
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#22
Diisopropyl ether
Concen: 19.530 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

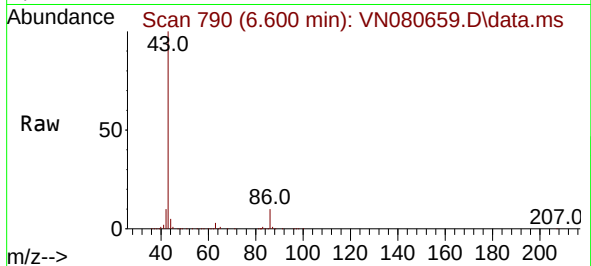
Tgt Ion: 45 Resp: 193347
Ion Ratio Lower Upper
45 100
43 54.3 45.5 68.3
87 23.7 31.8 47.8
59 14.7 11.6 17.4





#23
 Vinyl Acetate
 Concen: 94.826 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080659.D
 Acq: 10 Jan 2024 13:33

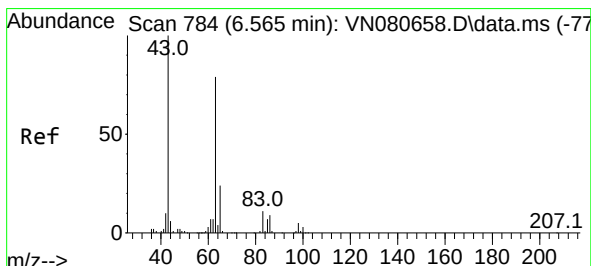
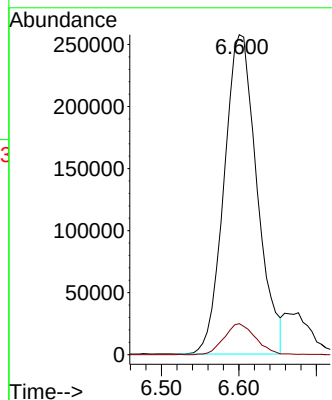
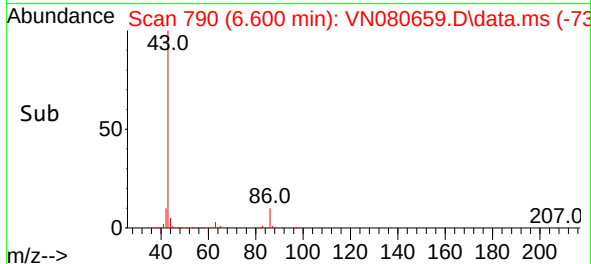
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC020



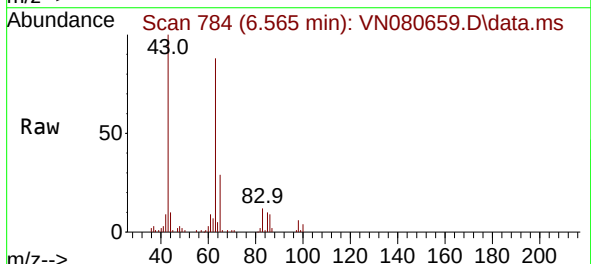
Tgt Ion: 43 Resp: 75970
 Ion Ratio Lower Upper
 43 100
 86 9.6 13.0 19.6

Manual Integrations
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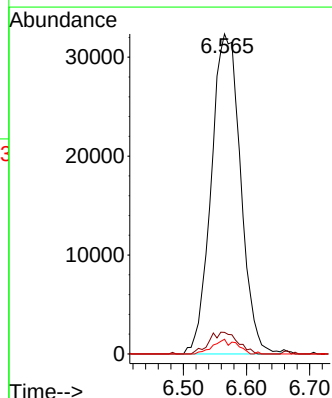
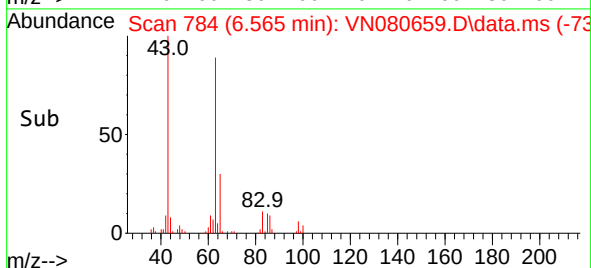
Reviewed By :John Carlone 01/11/2024
 Supervised By :Mahesh Dadoda 01/11/2024

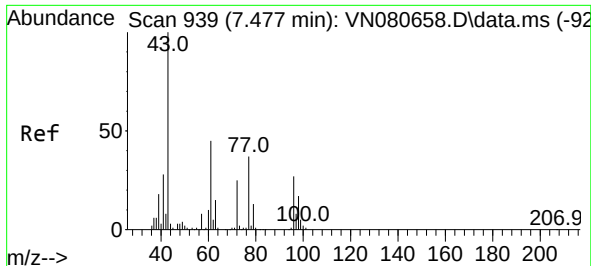


#24
 1,1-Dichloroethane
 Concen: 19.237 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080659.D
 Acq: 10 Jan 2024 13:33



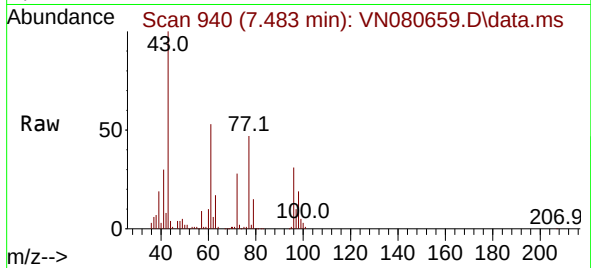
Tgt Ion: 63 Resp: 104249
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.6 2.5 7.4





#25
2-Butanone
Concen: 92.947 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

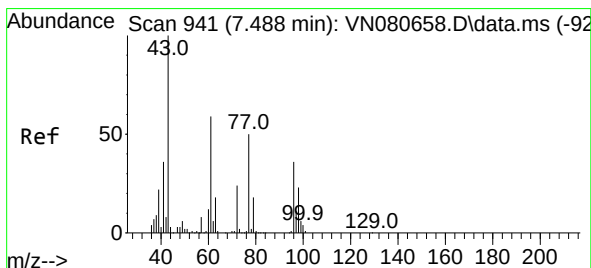
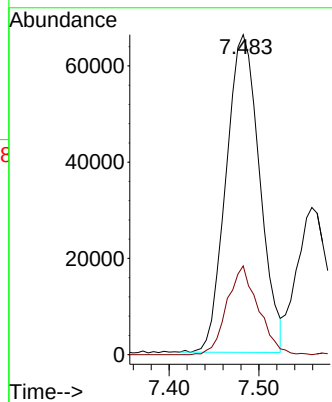
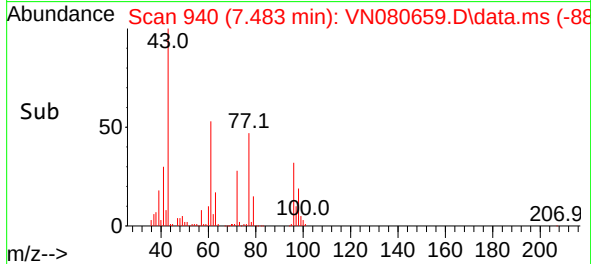
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 171824
Ion Ratio Lower Upper
43 100
72 28.0 30.2 45.2

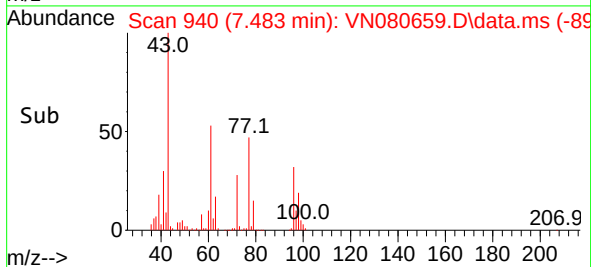
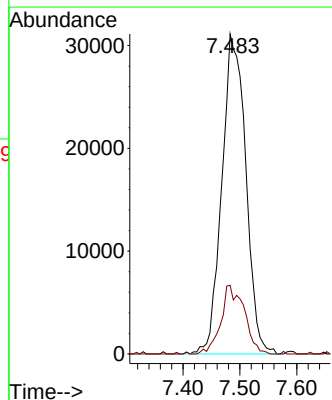
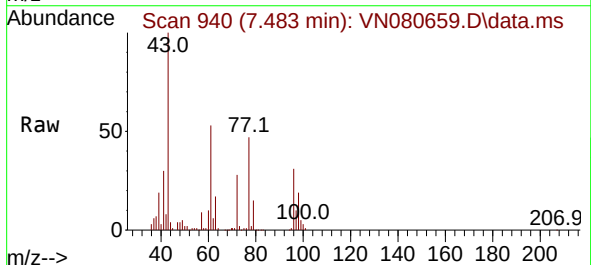
Manual Integrations
APPROVED

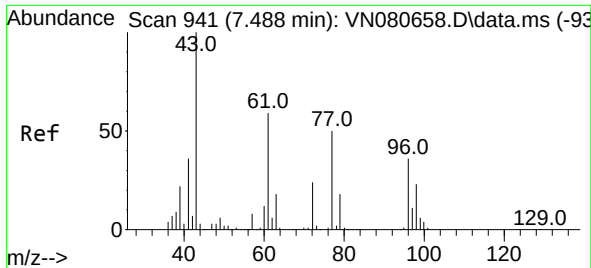
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#26
2,2-Dichloropropane
Concen: 19.176 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 77 Resp: 90882
Ion Ratio Lower Upper
77 100
97 21.0 11.2 33.6





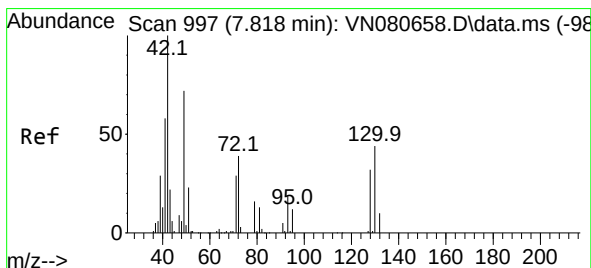
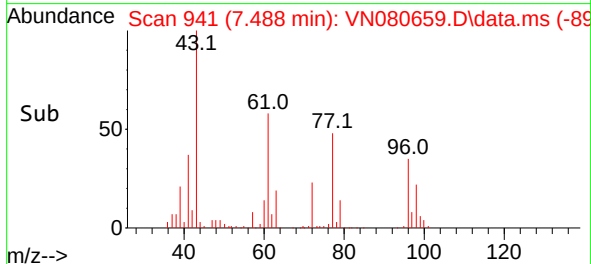
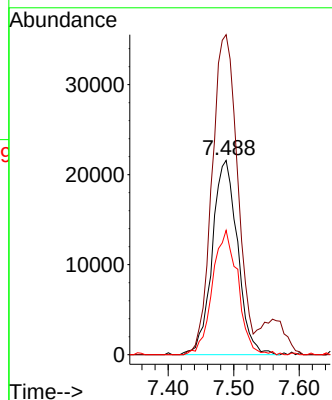
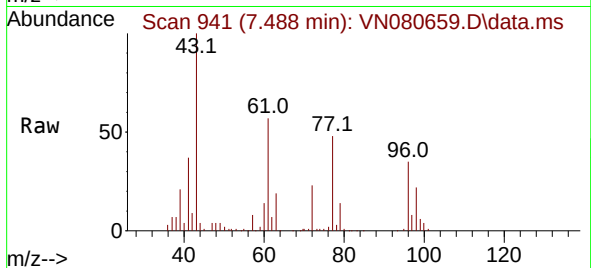
#27
cis-1,2-Dichloroethene
Concen: 19.525 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 57820
Ion Ratio Lower Upper
96 100
61 167.5 0.0 255.2
98 64.6 0.0 128.8

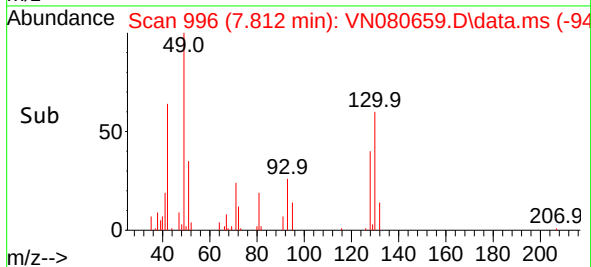
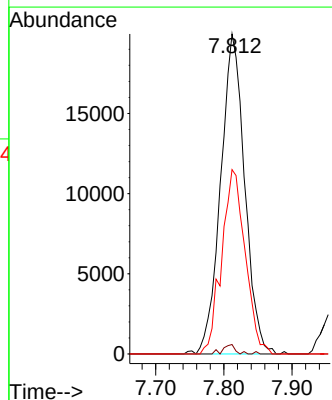
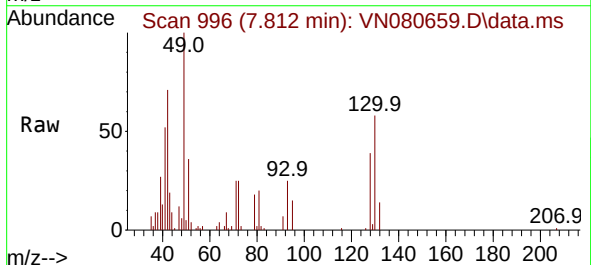
Manual Integrations
APPROVED

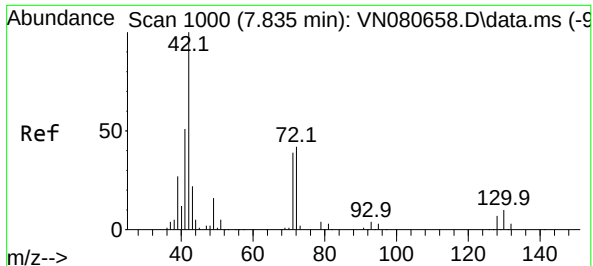
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#28
Bromochloromethane
Concen: 19.312 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 49 Resp: 48926
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.8
130 56.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 91.484 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 113990

Ion Ratio Lower Upper

42 100

72 43.8 49.8 74.6

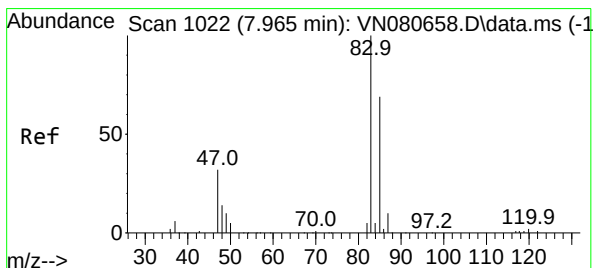
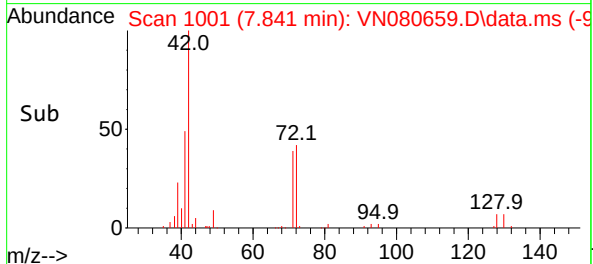
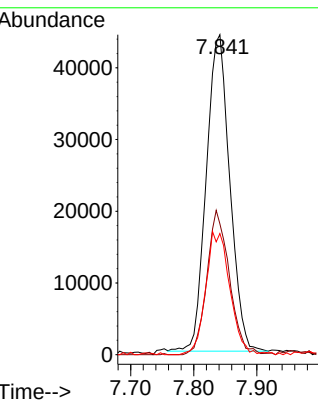
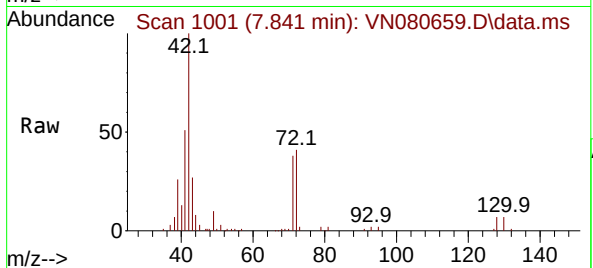
71 39.8 47.4 71.2

Manual Integrations

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Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#30

Chloroform

Concen: 19.561 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080659.D

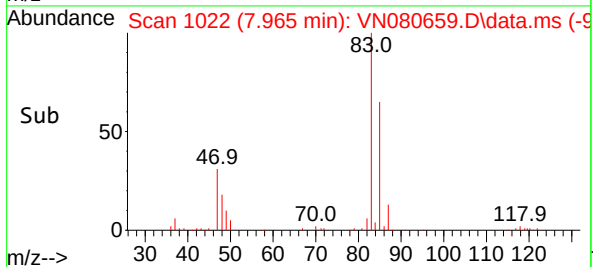
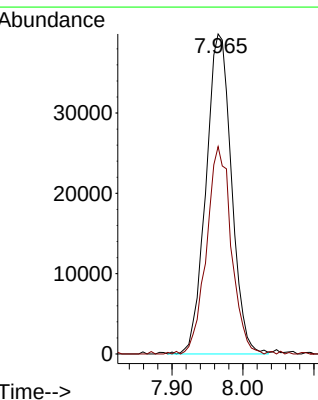
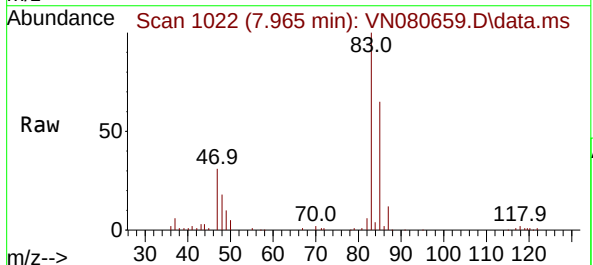
Acq: 10 Jan 2024 13:33

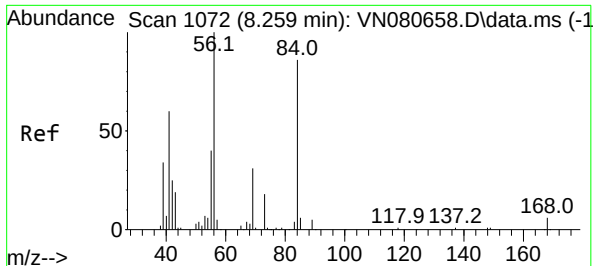
Tgt Ion: 83 Resp: 99377

Ion Ratio Lower Upper

83 100

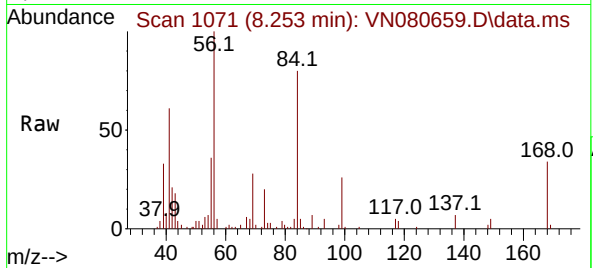
85 64.3 55.4 83.0





#31
Cyclohexane
Concen: 19.786 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

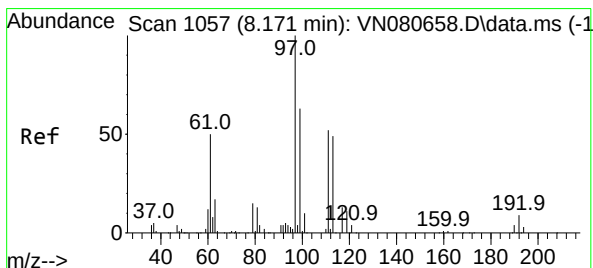
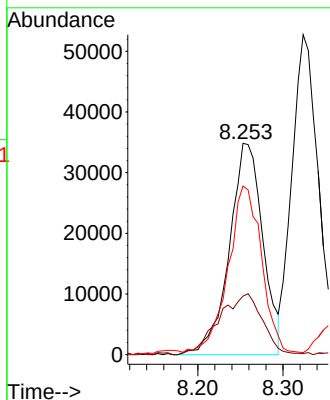
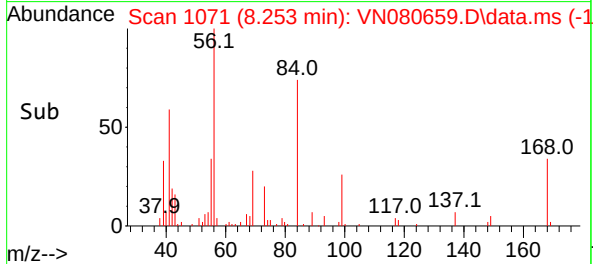
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



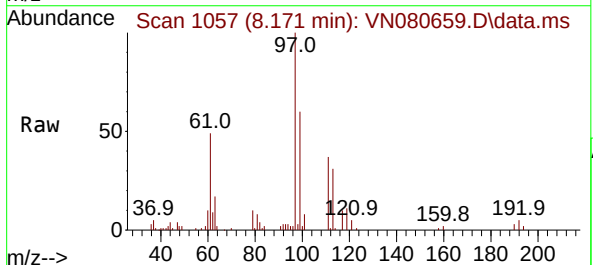
Tgt Ion: 56 Resp: 9522
Ion Ratio Lower Upper
56 100
69 27.7 26.8 40.2
84 77.9 81.8 122.6

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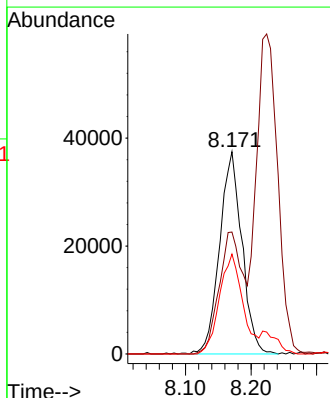
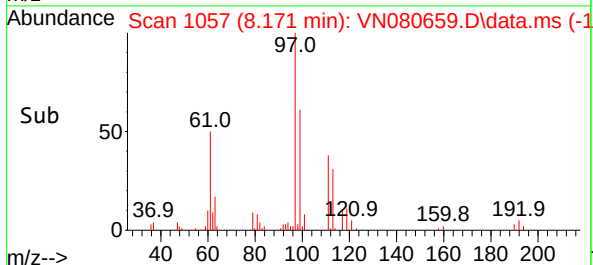
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

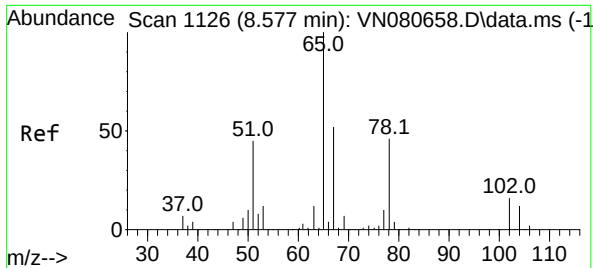


#32
1,1,1-Trichloroethane
Concen: 21.398 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33



Tgt Ion: 97 Resp: 88644
Ion Ratio Lower Upper
97 100
99 63.9 50.3 75.5
61 51.6 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 15.662 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

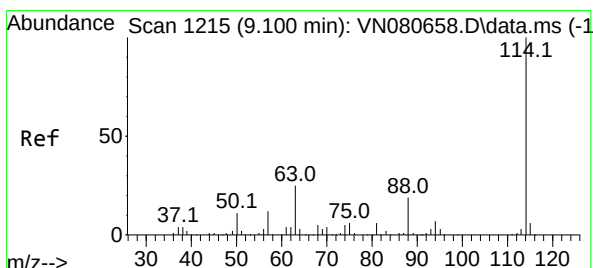
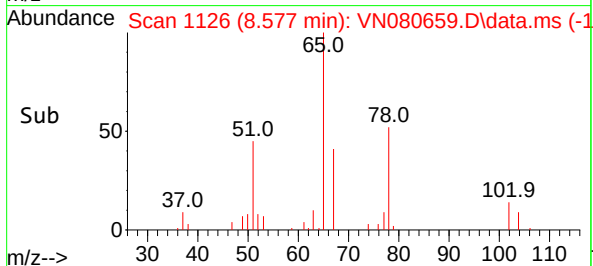
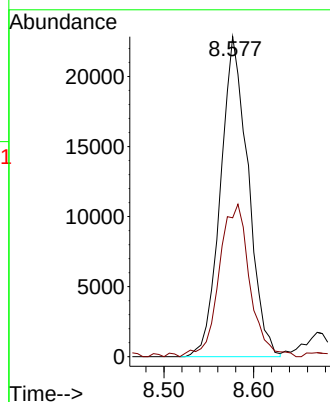
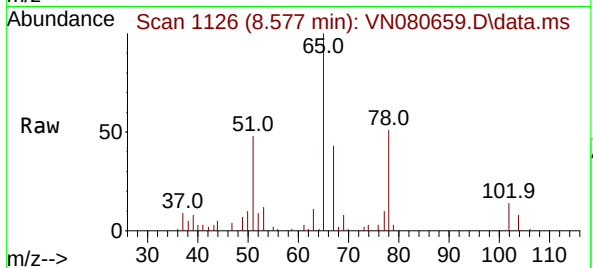
Tgt Ion: 65 Resp: 48788
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6

Manual Integrations

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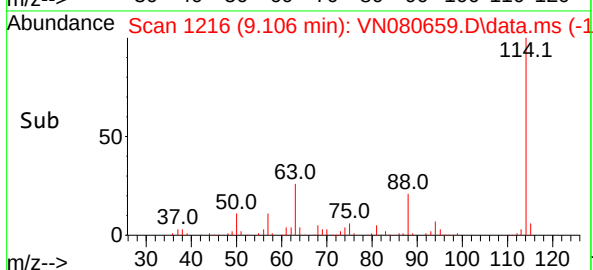
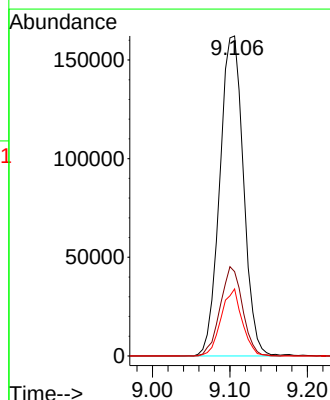
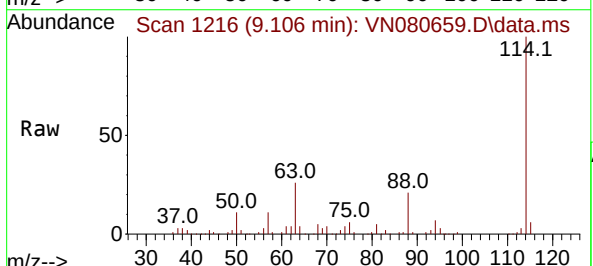
Reviewed By :John Carlone 01/11/2024

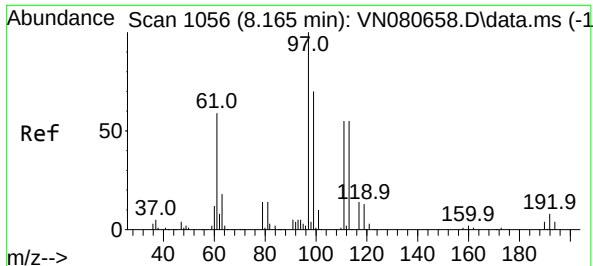
Supervised By :Mahesh Dadoda 01/11/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion:114 Resp: 344720
Ion Ratio Lower Upper
114 100
63 26.3 0.0 36.4
88 20.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 15.693 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 113 Resp: 30730

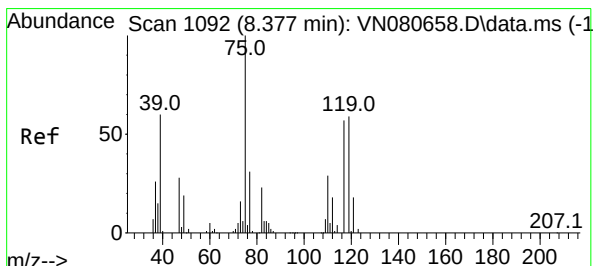
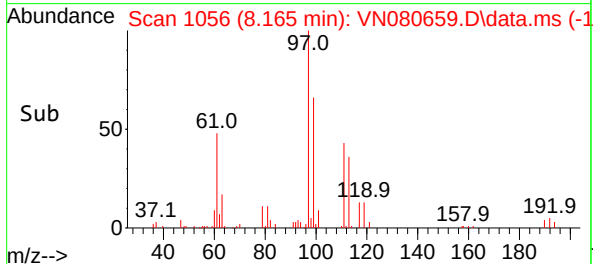
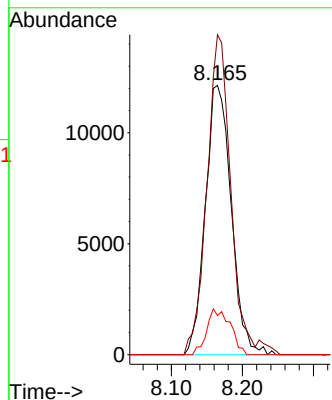
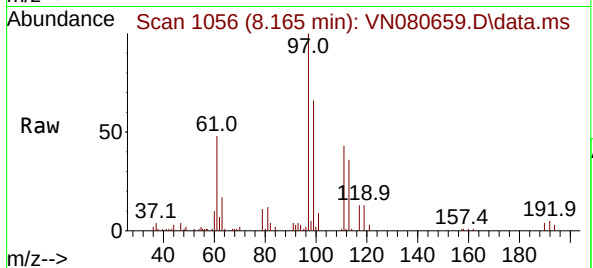
Ion	Ratio	Lower	Upper
113	100		
111	107.8	82.6	123.8
192	15.4	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#36

1,1-Dichloropropene

Concen: 19.180 ug/l

RT: 8.377 min Scan# 1092

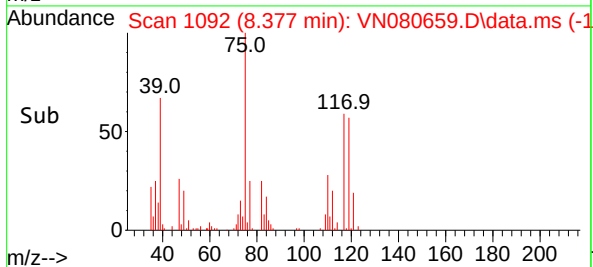
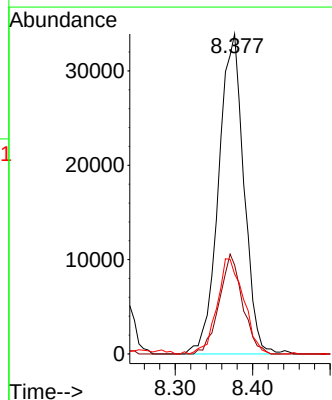
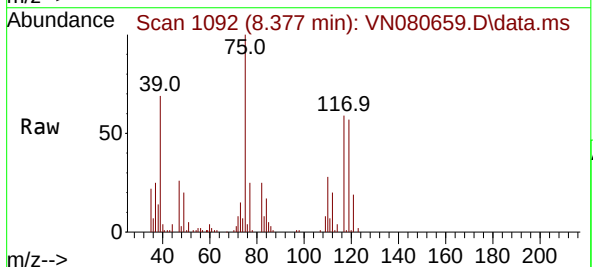
Delta R.T. 0.000 min

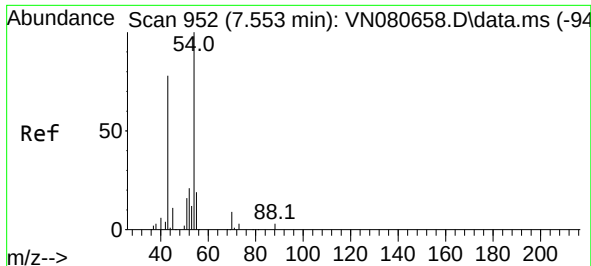
Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Tgt Ion: 75 Resp: 76950

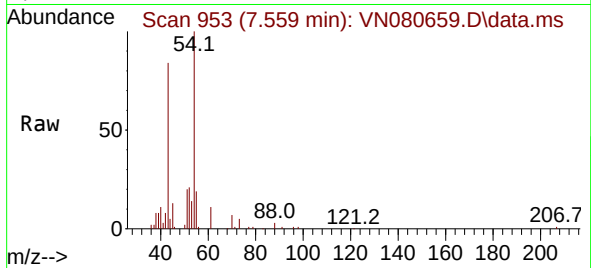
Ion	Ratio	Lower	Upper
75	100		
110	28.9	19.1	57.3
77	31.2	25.0	37.4





#37
Ethyl Acetate
Concen: 19.930 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

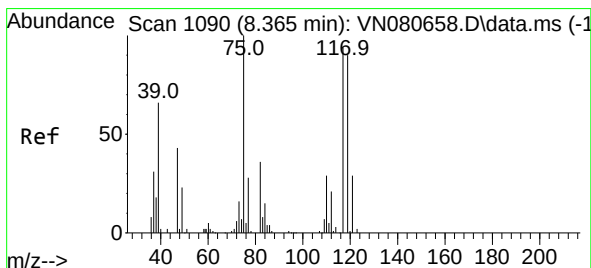
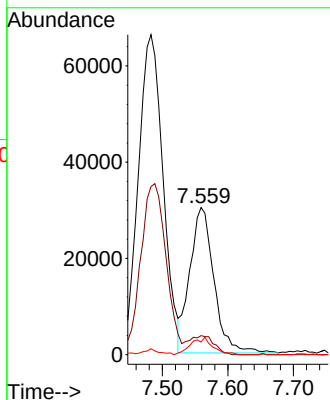
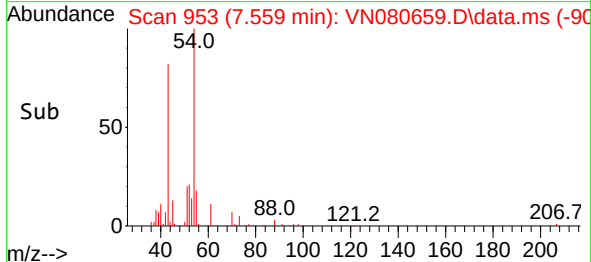
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 77539
Ion Ratio Lower Upper
43 100
61 12.6 13.2 19.8
70 10.7 11.3 16.9

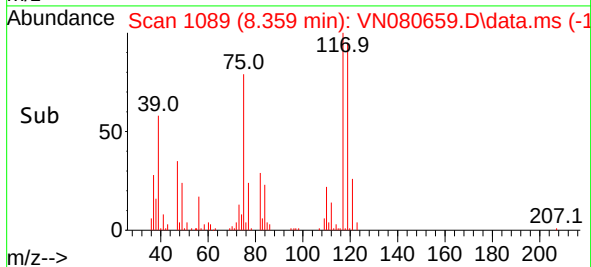
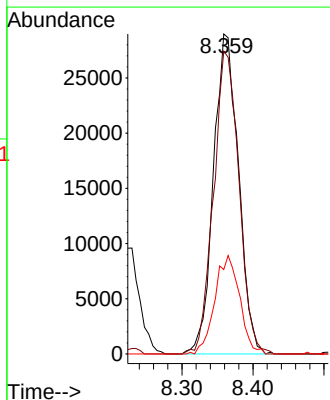
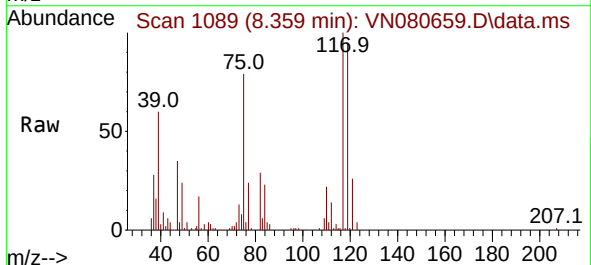
Manual Integrations
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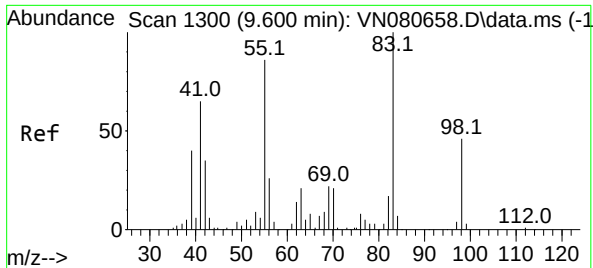
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#38
Carbon Tetrachloride
Concen: 19.659 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion:117 Resp: 70818
Ion Ratio Lower Upper
117 100
119 94.7 77.3 115.9
121 26.4 23.3 34.9





#39
Methylcyclohexane
Concen: 19.587 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

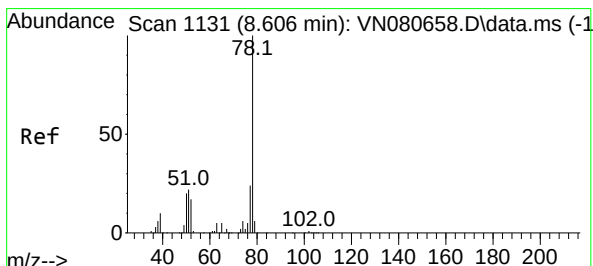
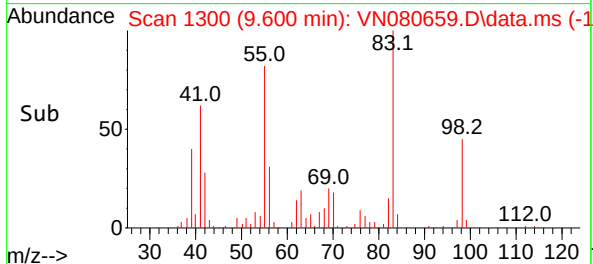
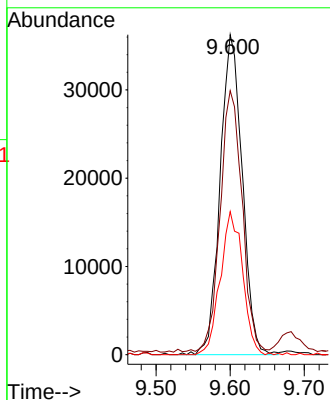
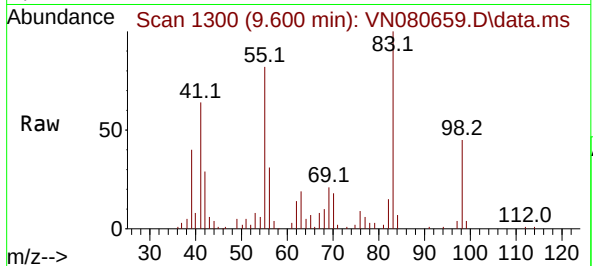
Tgt Ion: 83 Resp: 75204
Ion Ratio Lower Upper
83 100
55 80.8 49.1 73.7
98 44.7 40.6 61.0

Manual Integrations

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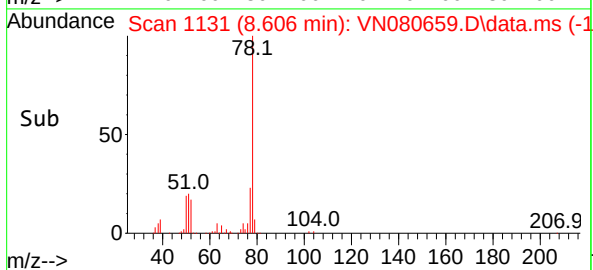
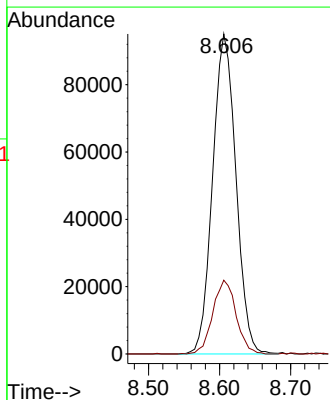
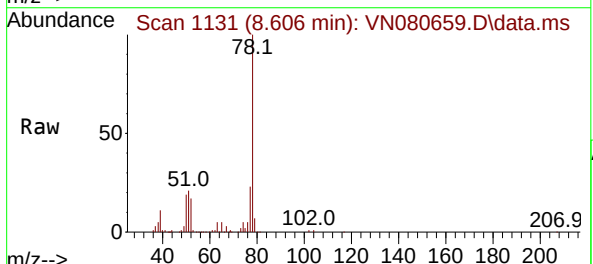
Reviewed By :John Carlone 01/11/2024

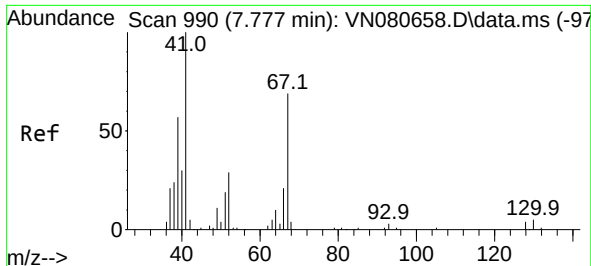
Supervised By :Mahesh Dadoda 01/11/2024



#40
Benzene
Concen: 19.181 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

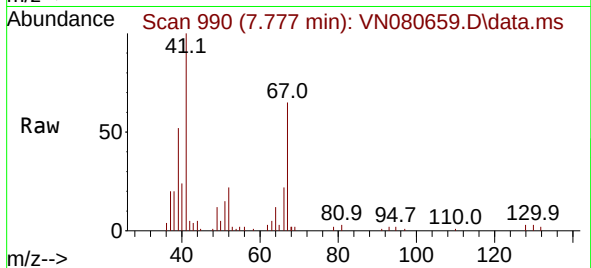
Tgt Ion: 78 Resp: 216339
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6





#41
Methacrylonitrile
Concen: 20.122 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

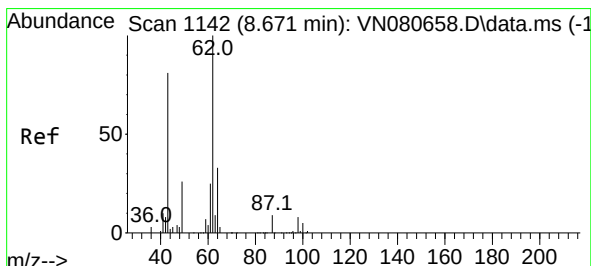
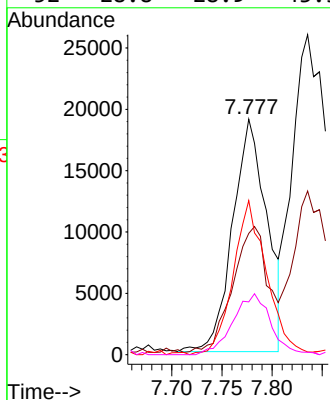
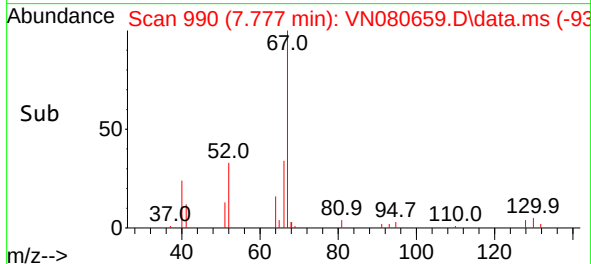
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 44919
Ion Ratio Lower Upper
41 100
39 56.8 42.6 64.0
67 64.8 77.5 116.3
52 28.8 28.9 43.3#

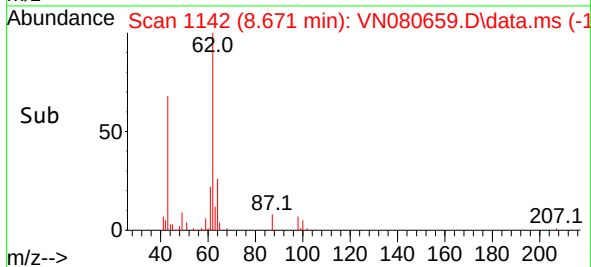
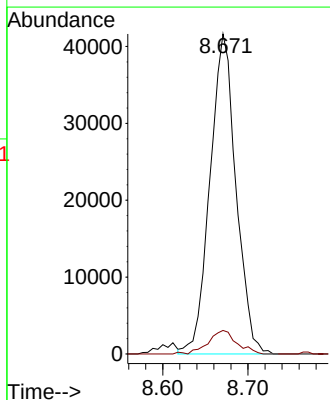
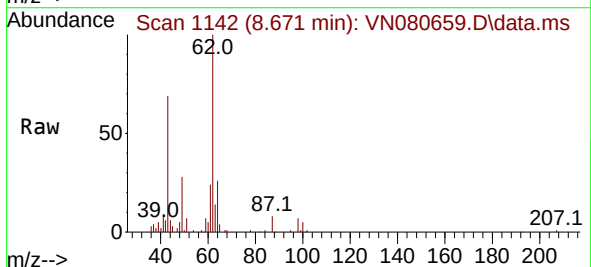
Manual Integrations
APPROVED

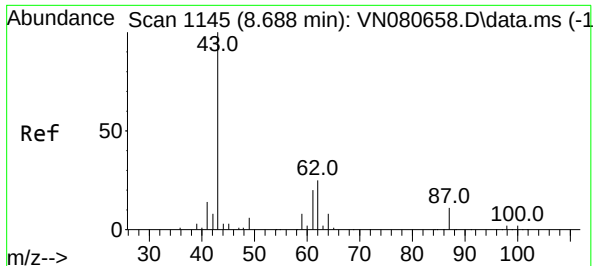
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#42
1,2-Dichloroethane
Concen: 20.477 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 62 Resp: 88419
Ion Ratio Lower Upper
62 100
98 8.0 0.0 19.8





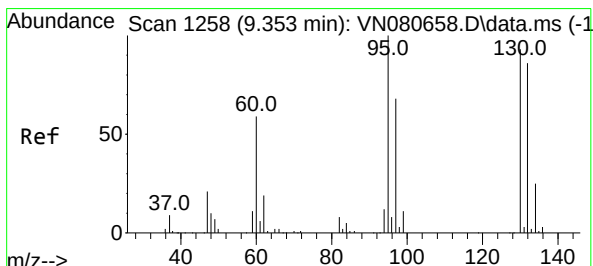
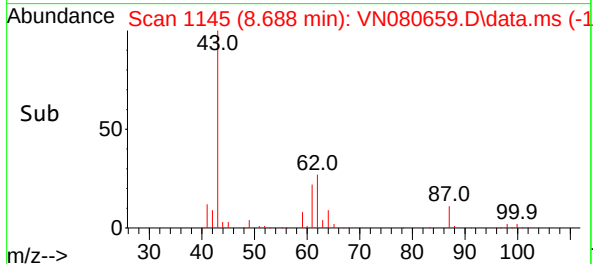
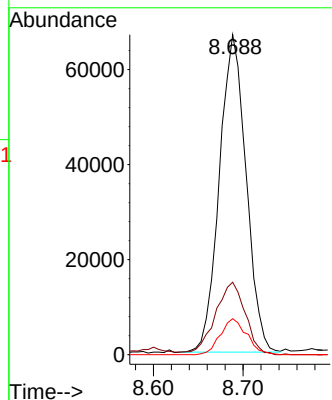
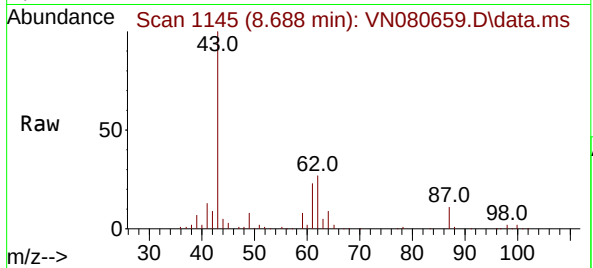
#43
Isopropyl Acetate
Concen: 19.314 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 138119
Ion Ratio Lower Upper
43 100
61 25.8 24.7 37.1
87 11.2 14.6 21.8

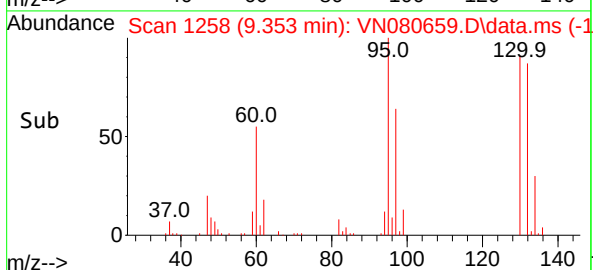
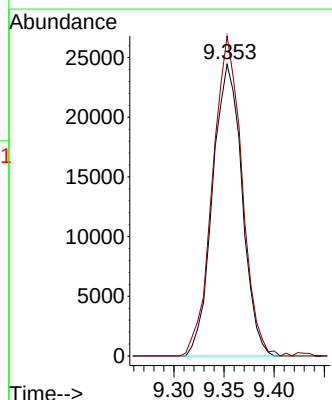
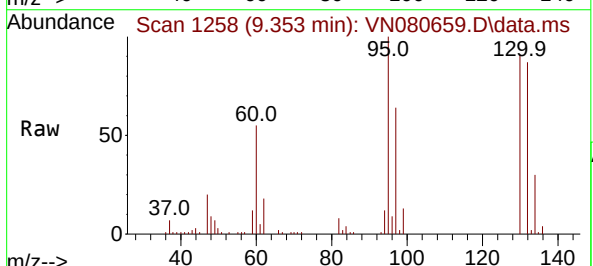
Manual Integrations
APPROVED

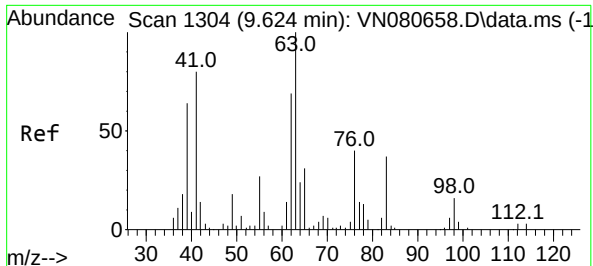
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#44
Trichloroethene
Concen: 19.527 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion:130 Resp: 49859
Ion Ratio Lower Upper
130 100
95 109.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.769 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 5911

Ion Ratio Lower Upper

63 100

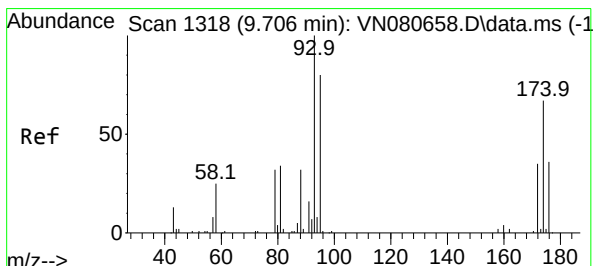
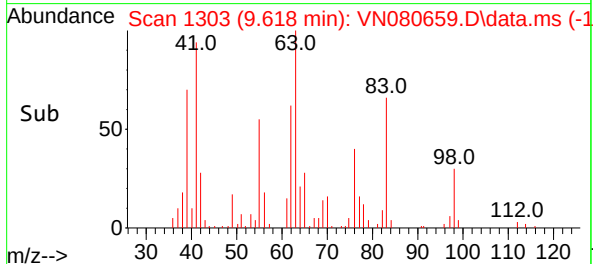
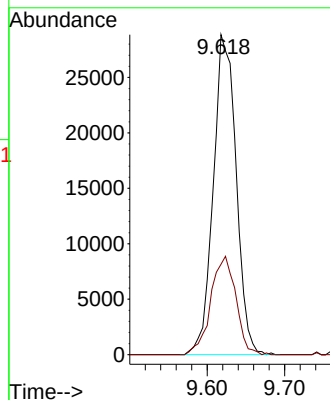
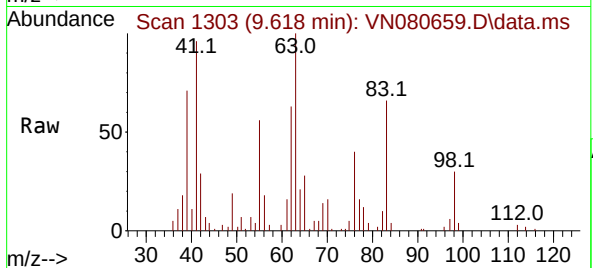
65 28.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#46

Dibromomethane

Concen: 19.476 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

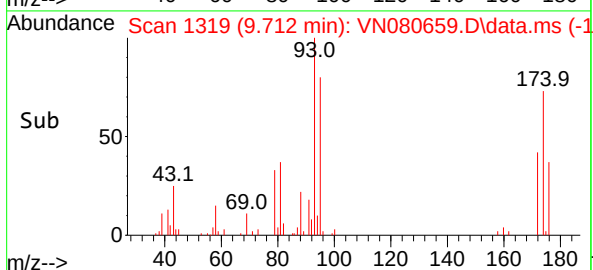
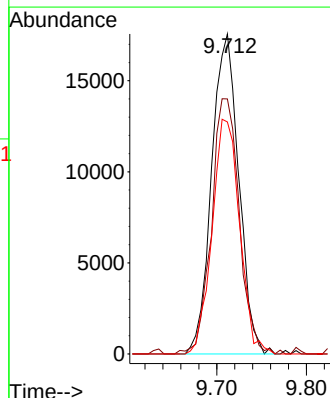
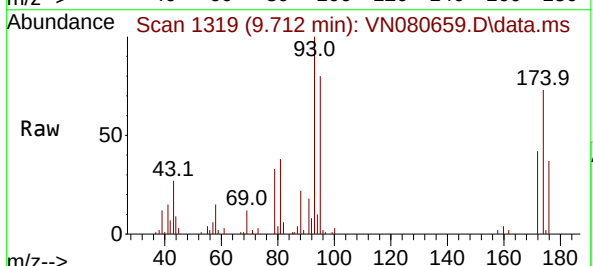
Tgt Ion: 93 Resp: 36846

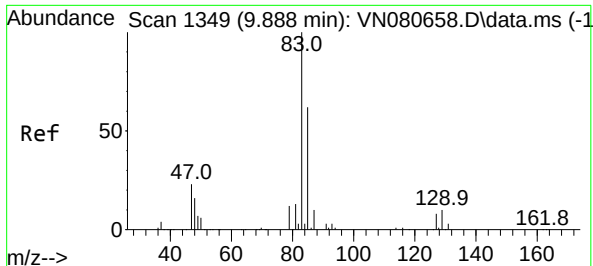
Ion Ratio Lower Upper

93 100

95 81.6 63.8 95.8

174 74.5 65.6 98.4





#47

Bromodichloromethane

Concen: 19.340 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

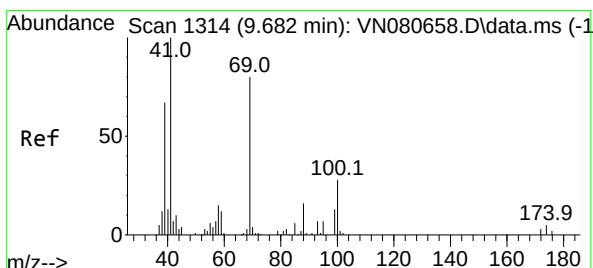
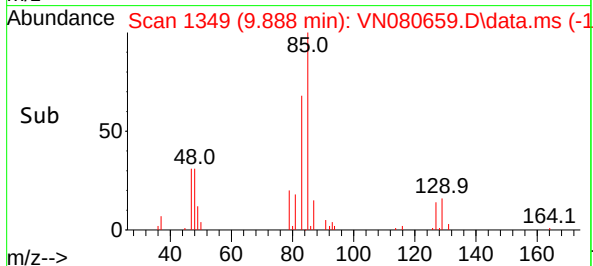
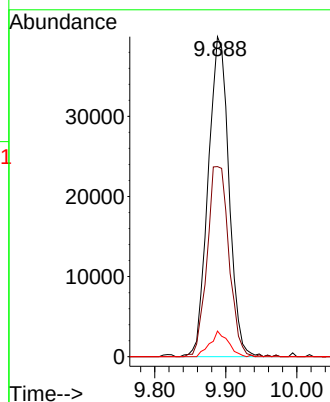
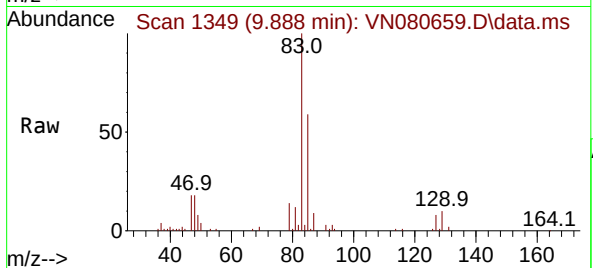
Tgt Ion:	83	Resp:	81210
Ion Ratio	Lower	Upper	
83	100		
85	59.4	49.6	74.4
127	8.0	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#48

Methyl methacrylate

Concen: 19.124 ug/l

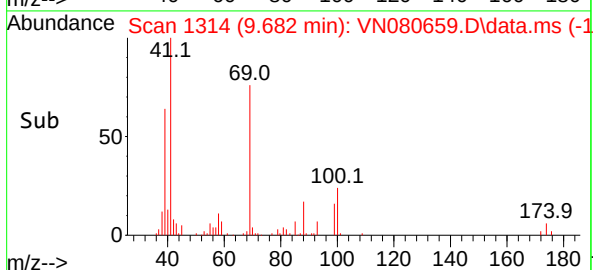
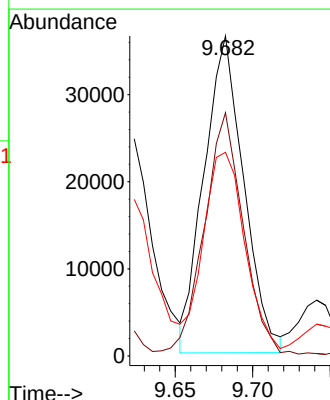
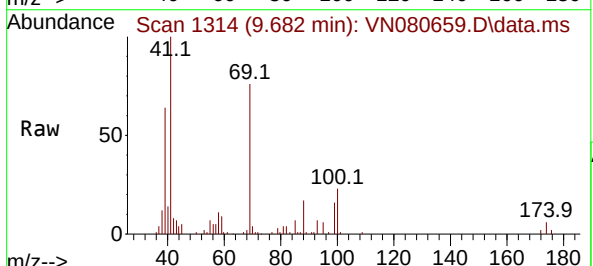
RT: 9.682 min Scan# 1314

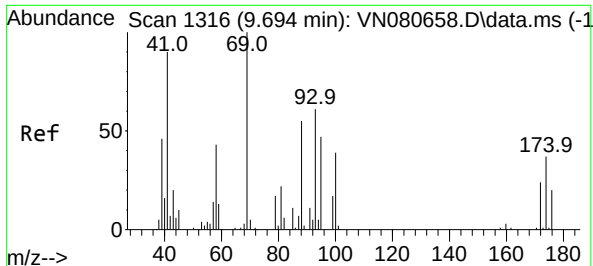
Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

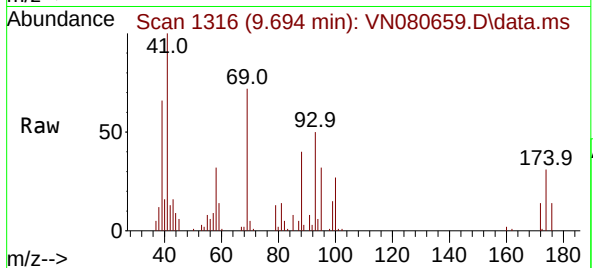
Tgt Ion:	41	Resp:	64749
Ion Ratio	Lower	Upper	
41	100		
69	74.9	90.4	135.6
39	68.2	54.6	81.8





#49
1,4-Dioxane
Concen: 385.687 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

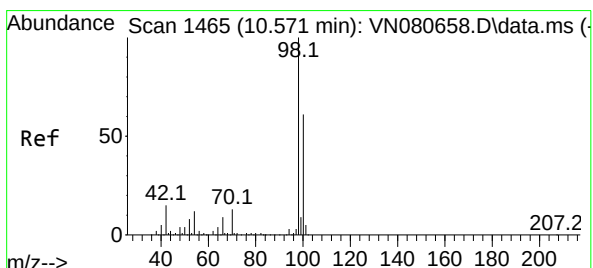
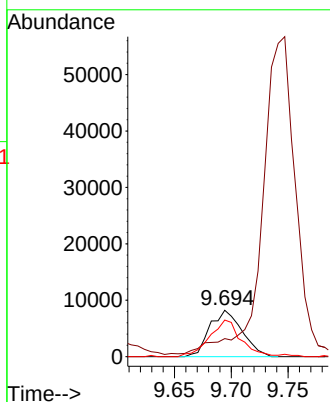
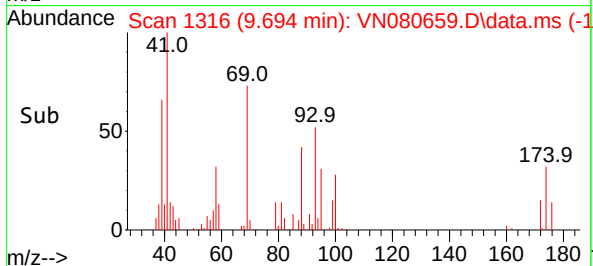
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 88 Resp: 1627
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6
58 76.8 47.0 70.4

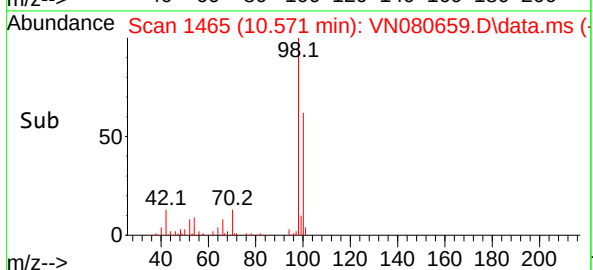
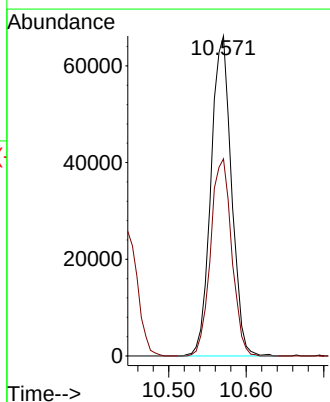
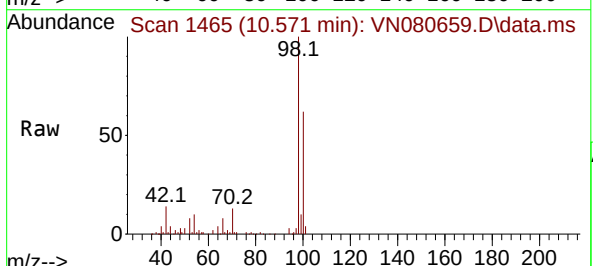
Manual Integrations
APPROVED

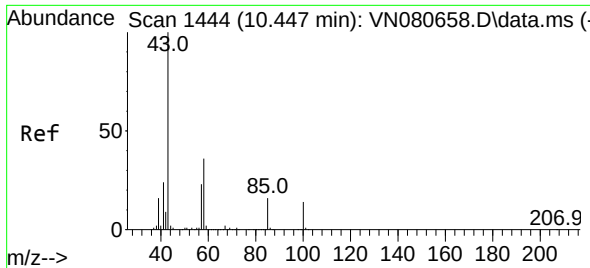
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#50
Toluene-d8
Concen: 16.291 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

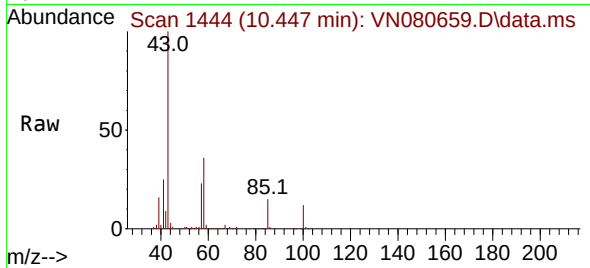
Tgt Ion: 98 Resp: 121667
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 97.818 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

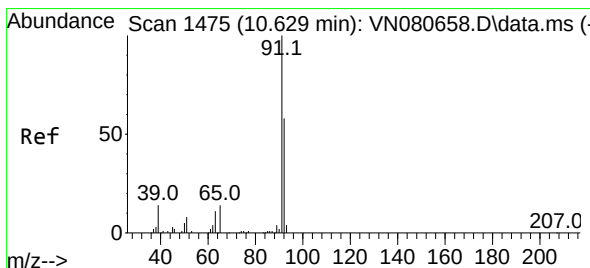
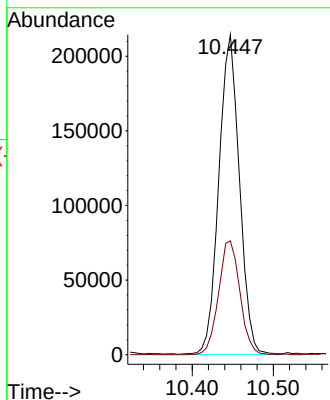
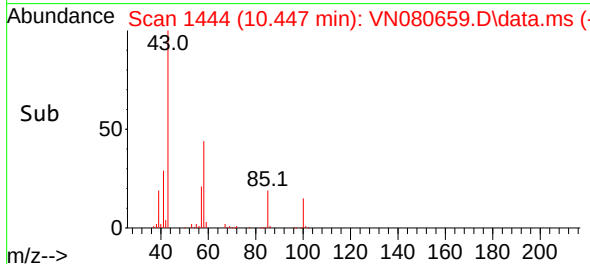
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 377384
Ion Ratio Lower Upper
43 100
58 36.9 36.6 54.8

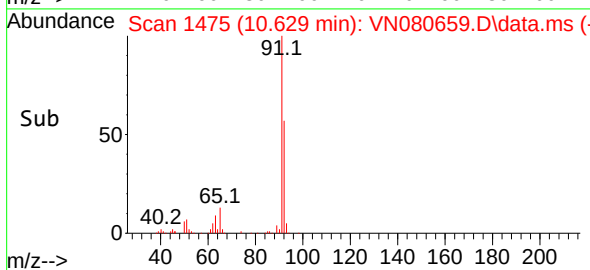
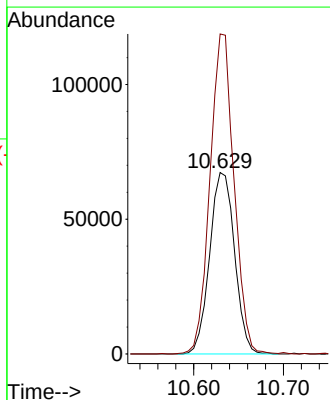
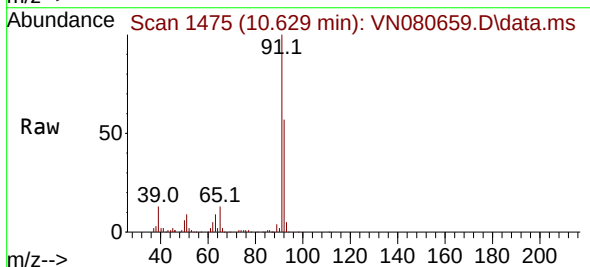
Manual Integrations
APPROVED

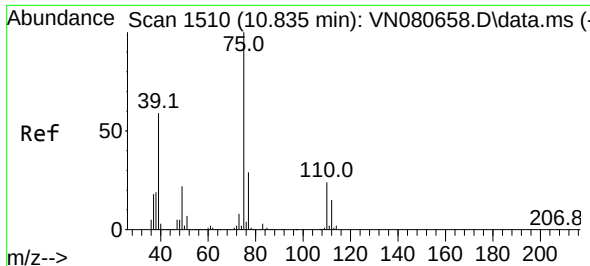
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#52
Toluene
Concen: 20.079 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

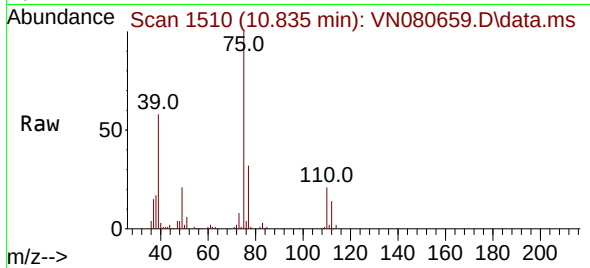
Tgt Ion: 92 Resp: 129754
Ion Ratio Lower Upper
92 100
91 170.1 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 19.901 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080659.D
 Acq: 10 Jan 2024 13:33

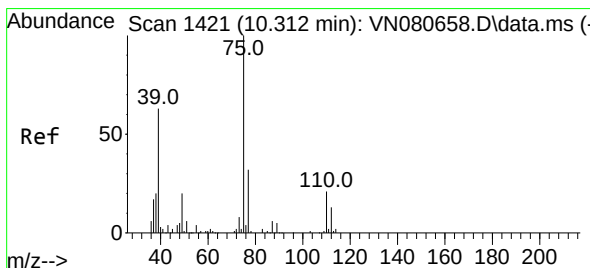
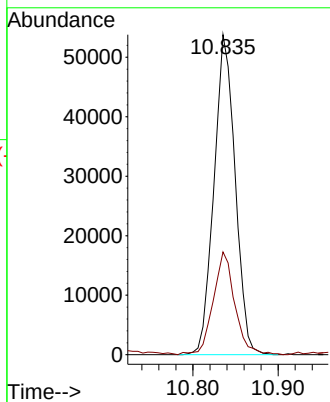
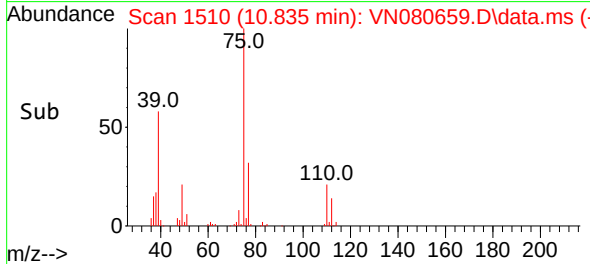
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



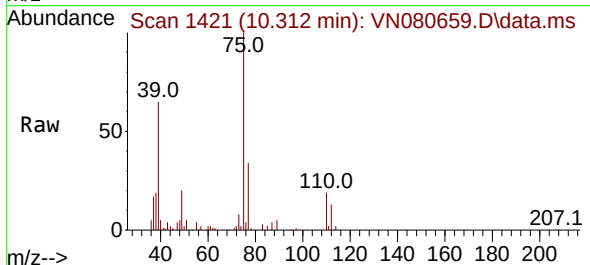
Tgt Ion: 75 Resp: 9275
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0

Manual Integrations
 APPROVED

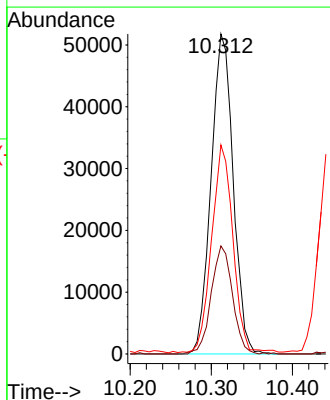
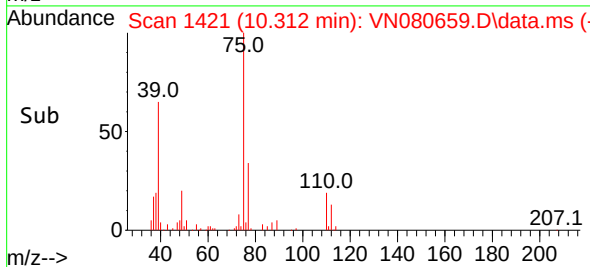
Reviewed By :John Carlone 01/11/2024
 Supervised By :Mahesh Dadoda 01/11/2024

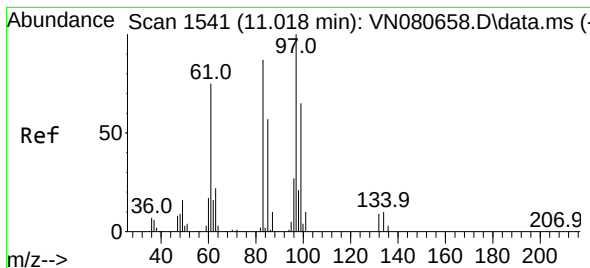


#54
 cis-1,3-Dichloropropene
 Concen: 19.828 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080659.D
 Acq: 10 Jan 2024 13:33



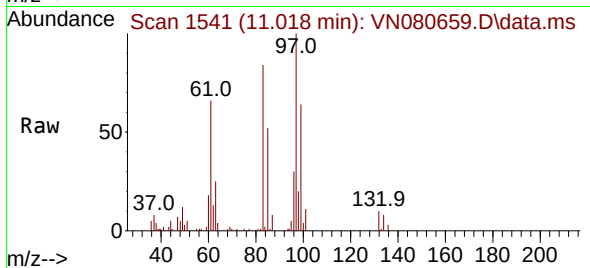
Tgt Ion: 75 Resp: 97999
 Ion Ratio Lower Upper
 75 100
 77 33.8 26.1 39.1
 39 64.8 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 19.196 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

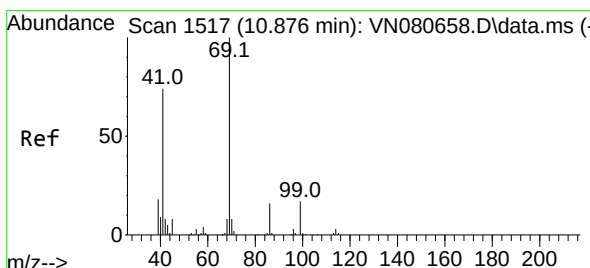
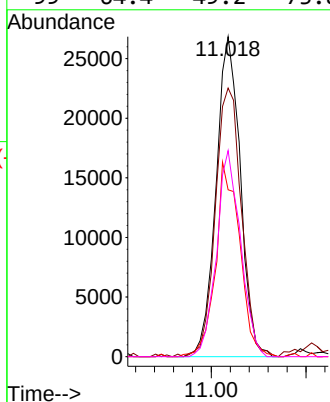
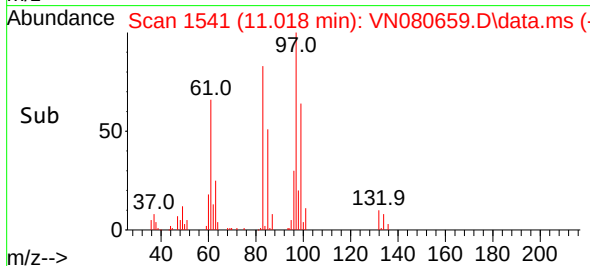
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



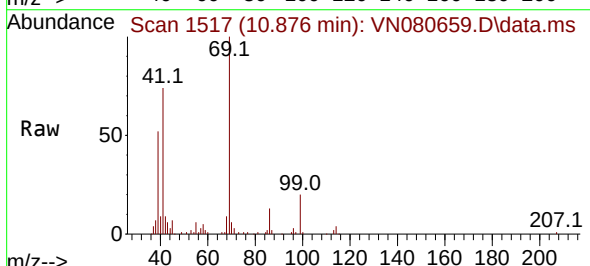
Tgt Ion: 97	Resp: 4774
Ion Ratio	Lower Upper
97 100	
83 84.0	65.1 97.7
85 52.2	43.4 65.2
99 64.4	49.2 73.8

Manual Integrations
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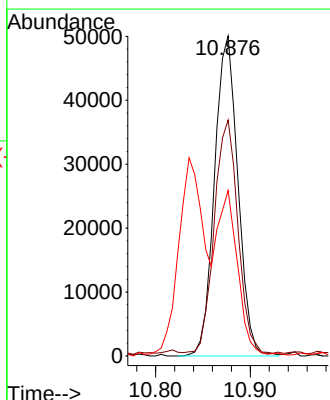
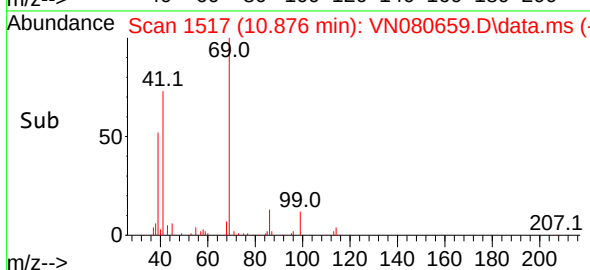
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

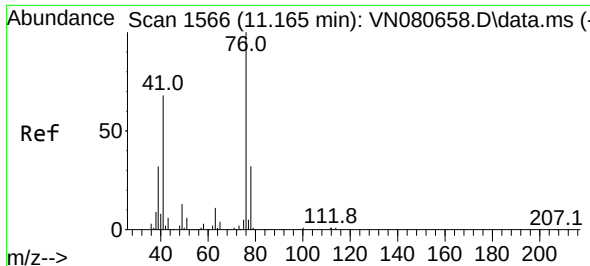


#56
Ethyl methacrylate
Concen: 19.299 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33



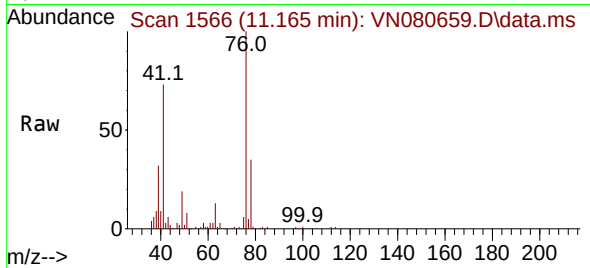
Tgt Ion: 69	Resp: 85979
Ion Ratio	Lower Upper
69 100	
41 73.3	39.6 59.4#
39 44.8	28.6 43.0#





#57
1,3-Dichloropropane
Concen: 19.703 ug/l
RT: 11.165 min Scan# 1116
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

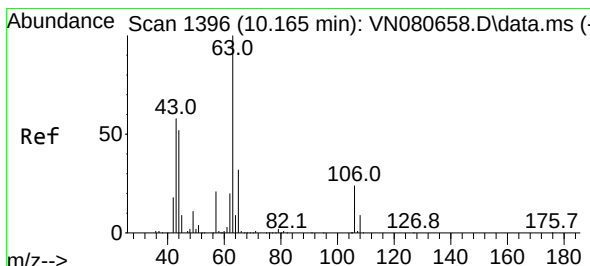
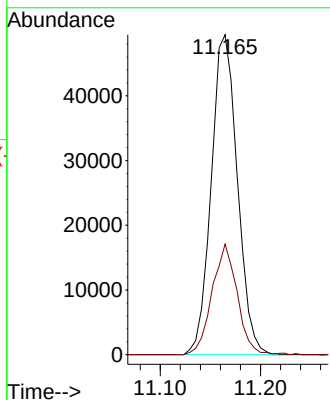
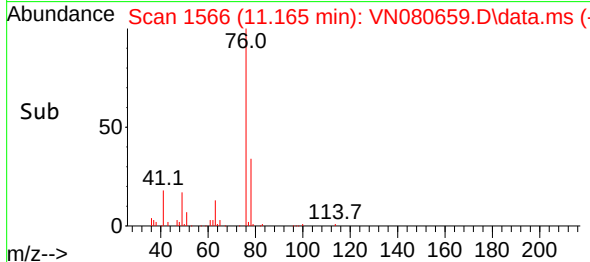
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 8946
Ion Ratio Lower Upper
76 100
78 33.5 26.1 39.1

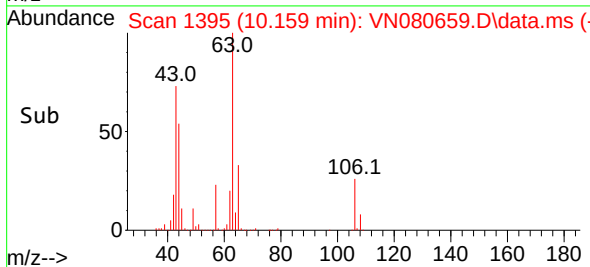
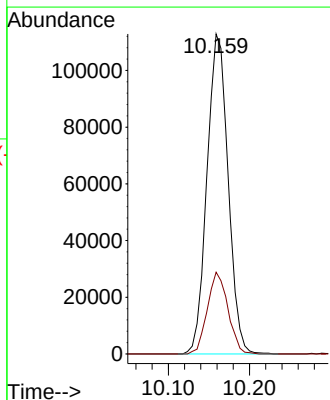
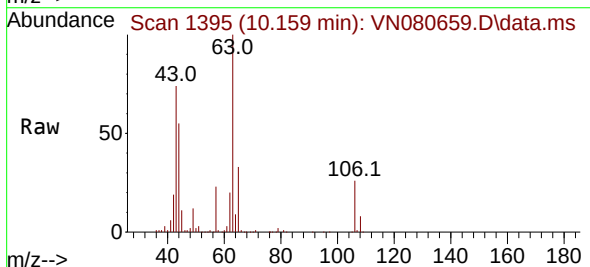
Manual Integrations
APPROVED

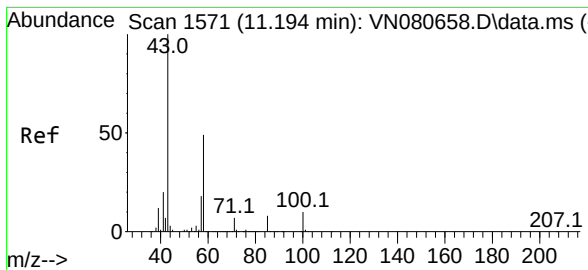
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#58
2-Chloroethyl Vinyl ether
Concen: 95.544 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

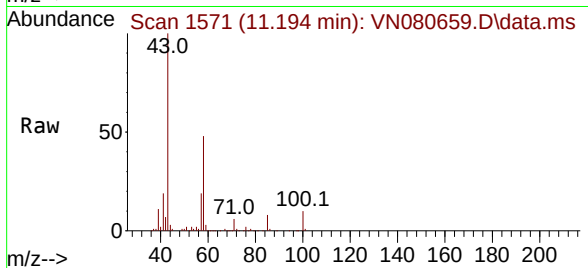
Tgt Ion: 63 Resp: 203877
Ion Ratio Lower Upper
63 100
106 24.9 26.2 39.4#





#59
2-Hexanone
Concen: 100.342 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

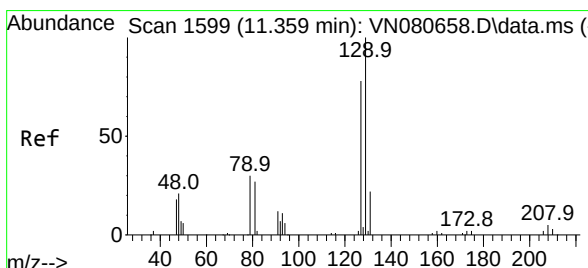
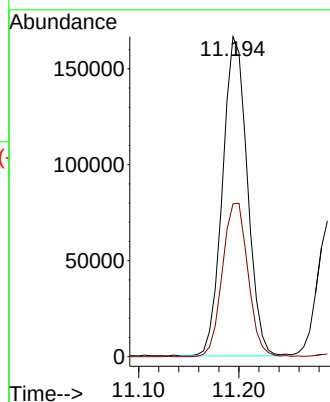
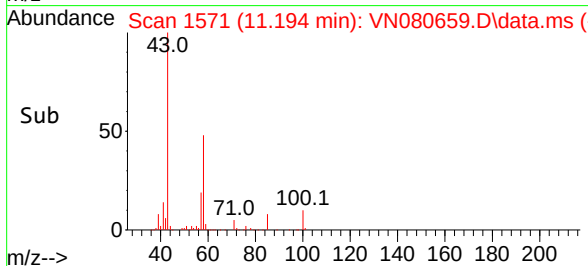
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 285780
Ion Ratio Lower Upper
43 100
58 49.7 31.7 95.1

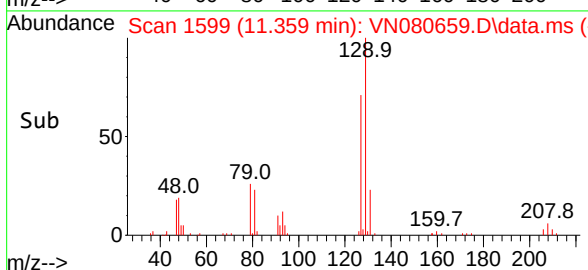
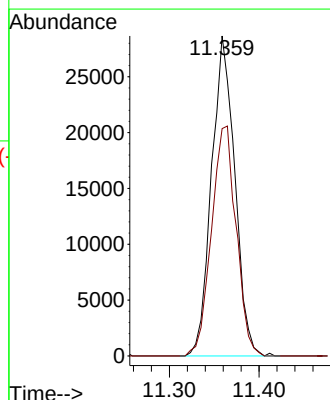
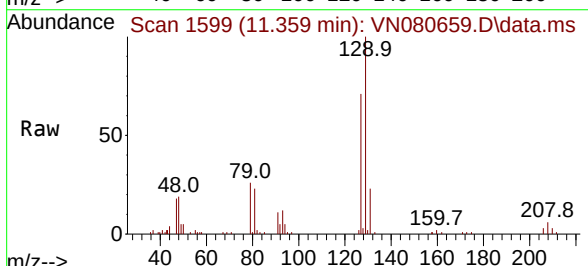
Manual Integrations
APPROVED

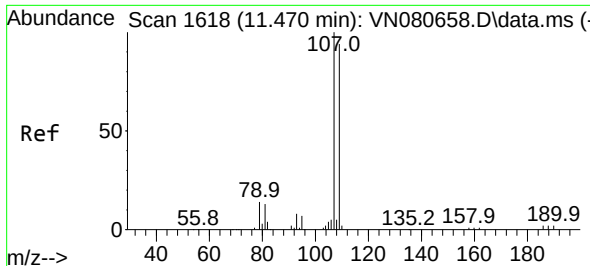
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#60
Dibromochloromethane
Concen: 20.133 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion:129 Resp: 51467
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0





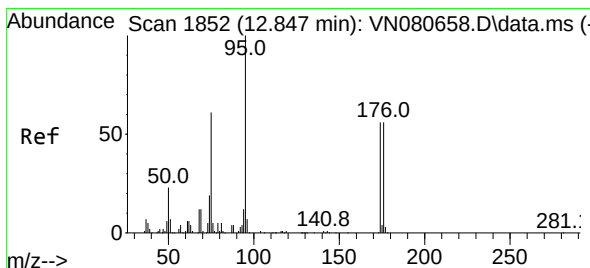
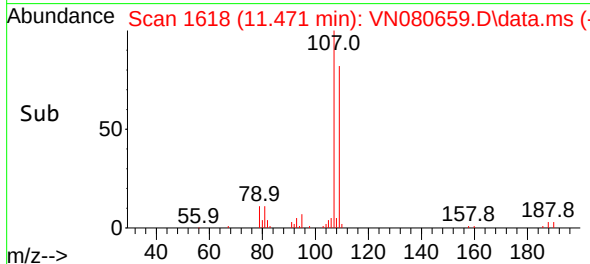
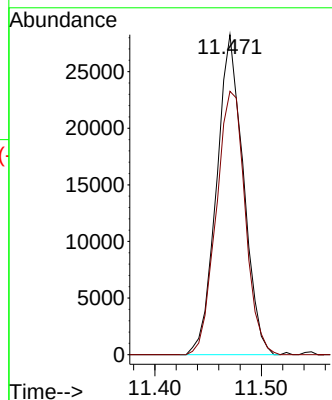
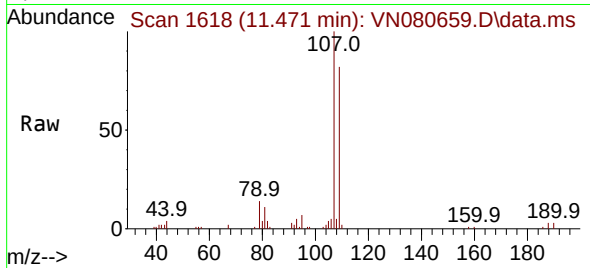
#61
1,2-Dibromoethane
Concen: 20.212 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 49419
Ion Ratio Lower Upper
107 100
109 88.8 76.6 114.8

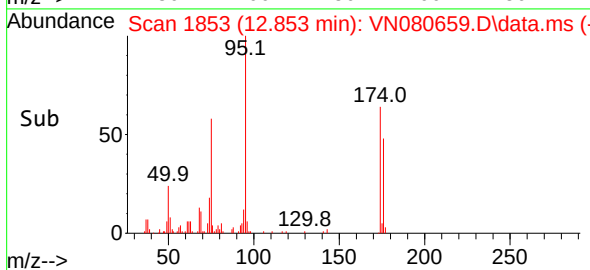
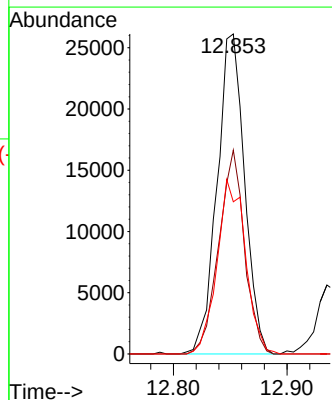
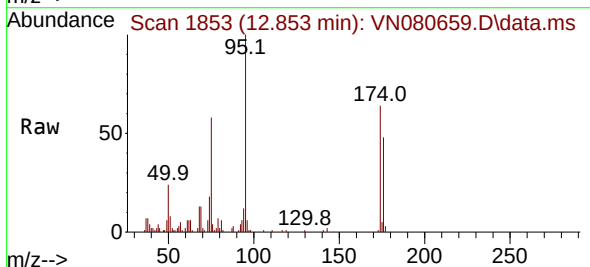
Manual Integrations
APPROVED

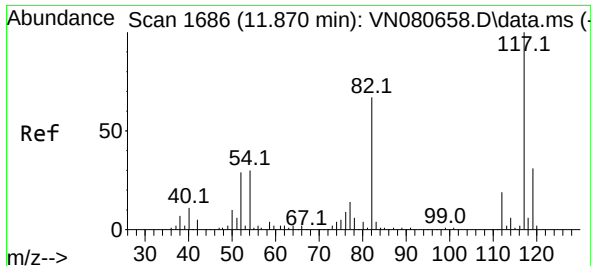
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#62
4-Bromofluorobenzene
Concen: 15.359 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

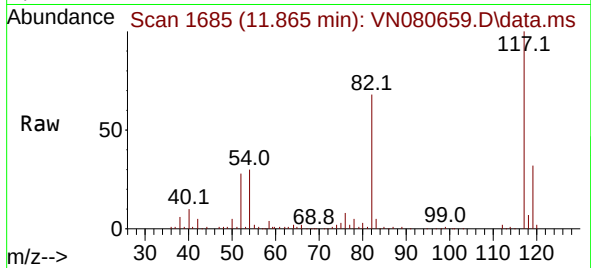
Tgt Ion: 95 Resp: 43986
Ion Ratio Lower Upper
95 100
174 59.5 0.0 143.8
176 56.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

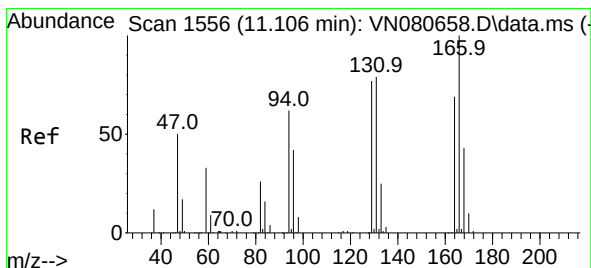
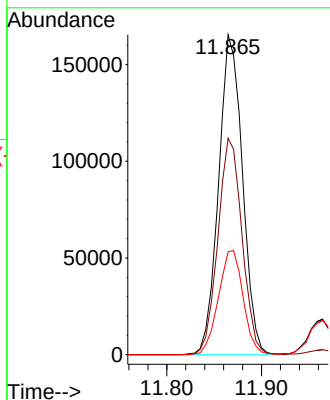
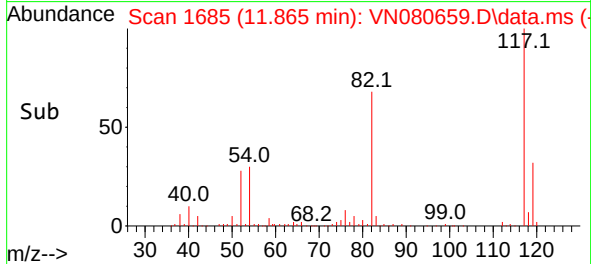
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 28977
Ion Ratio Lower Upper
117 100
82 67.6 44.0 66.0
119 32.2 25.6 38.4

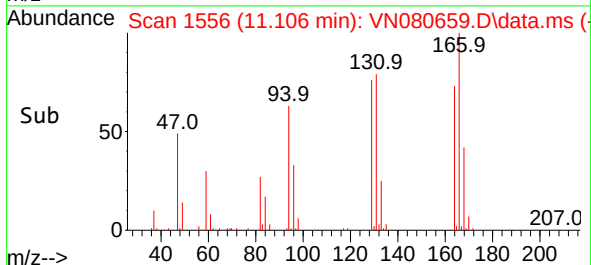
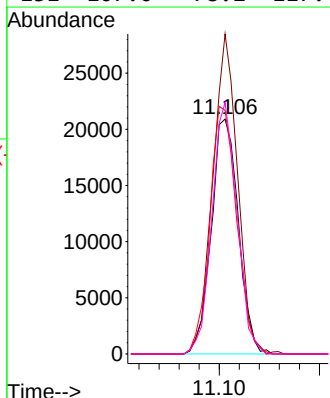
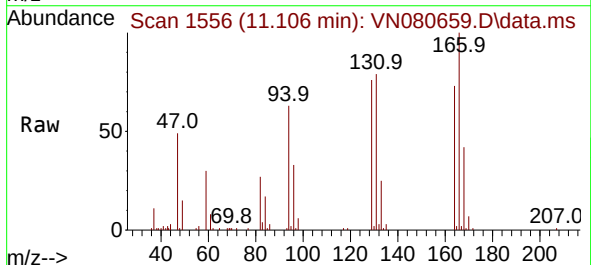
Manual Integrations
APPROVED

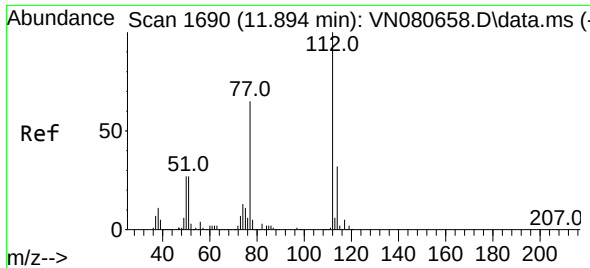
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#64
Tetrachloroethene
Concen: 19.683 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

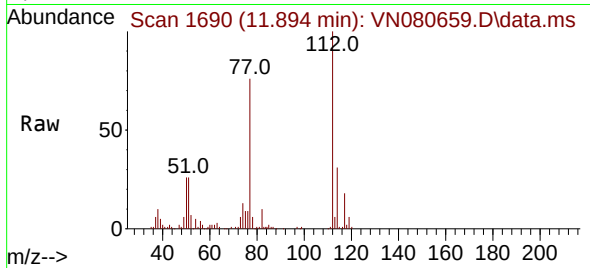
Tgt Ion:164 Resp: 39169
Ion Ratio Lower Upper
164 100
166 136.2 101.4 152.0
129 103.7 82.4 123.6
131 107.0 78.2 117.4





#65
Chlorobenzene
Concen: 19.936 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

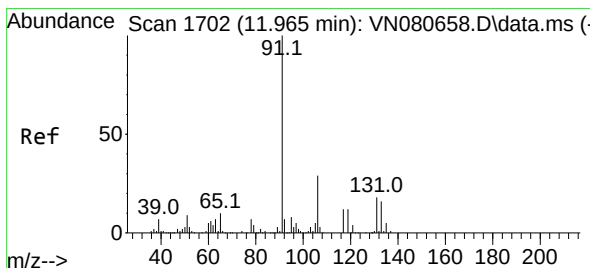
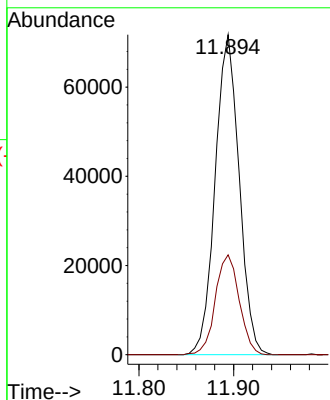
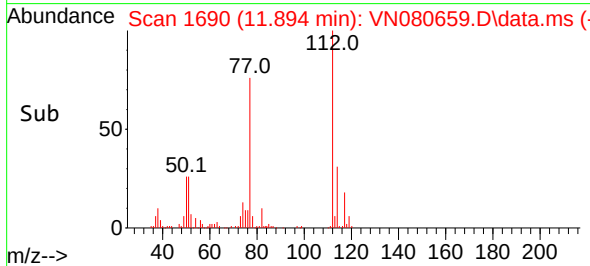
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



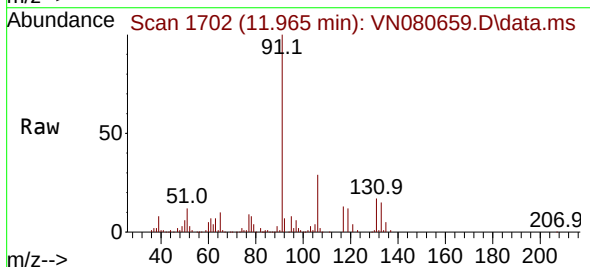
Tgt Ion:112 Resp: 12621
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4

Manual Integrations
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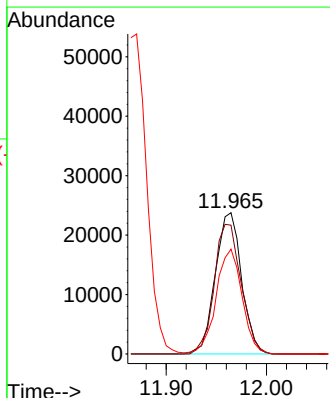
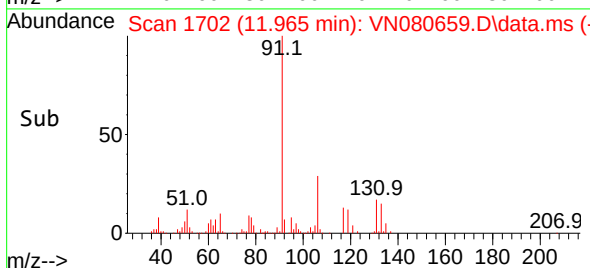
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

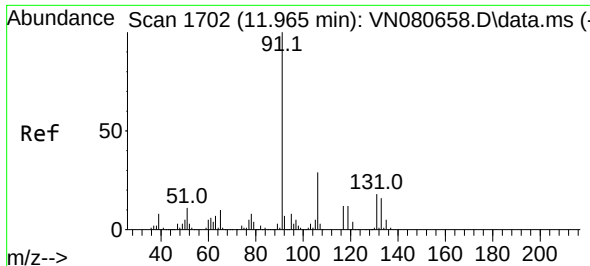


#66
1,1,1,2-Tetrachloroethane
Concen: 19.232 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33



Tgt Ion:131 Resp: 43229
Ion Ratio Lower Upper
131 100
133 94.3 46.4 139.1
119 73.5 34.1 102.2





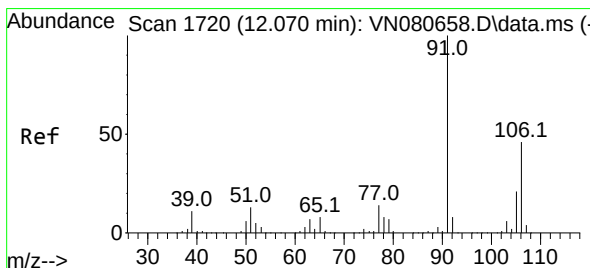
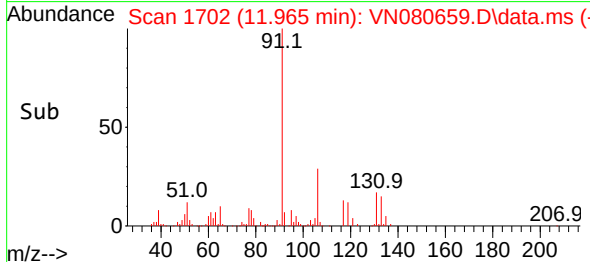
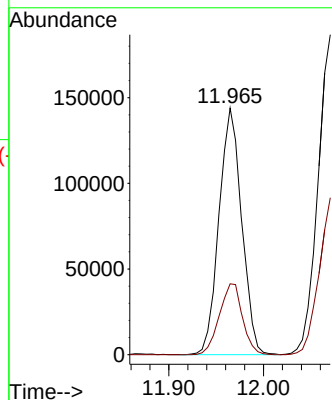
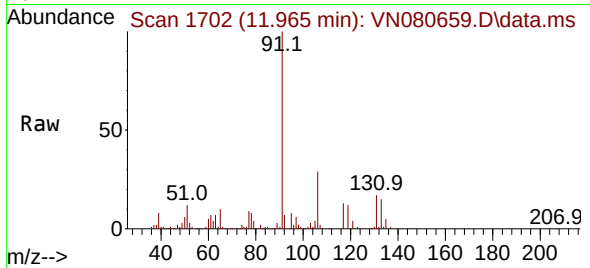
#67
Ethyl Benzene
Concen: 19.843 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 23988
Ion Ratio Lower Upper
91 100
106 28.7 25.6 38.4

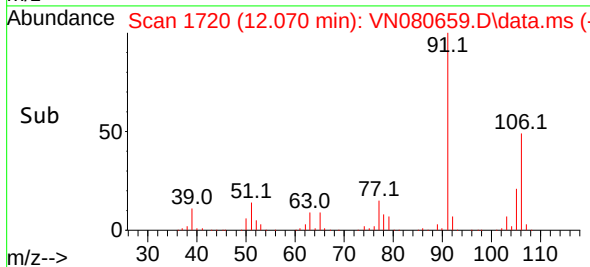
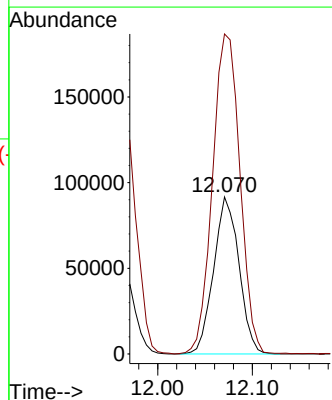
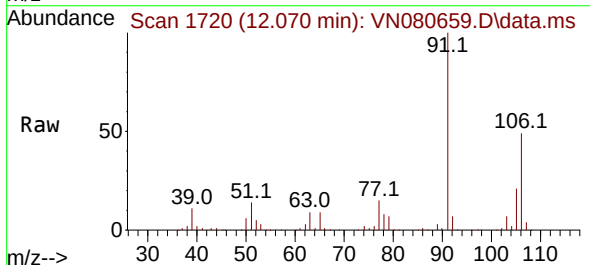
Manual Integrations
APPROVED

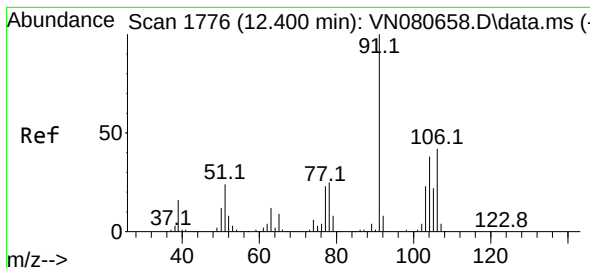
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#68
m/p-Xylenes
Concen: 40.051 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion:106 Resp: 170221
Ion Ratio Lower Upper
106 100
91 221.2 159.6 239.4





#69

o-Xylene

Concen: 20.025 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:106 Resp: 83210

Ion Ratio Lower Upper

106 100

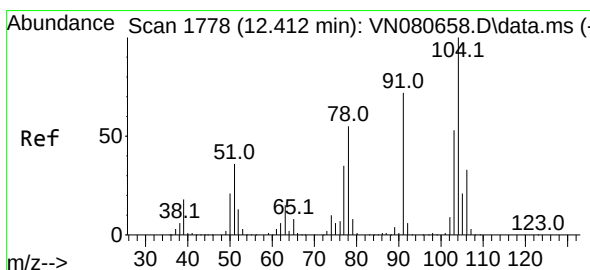
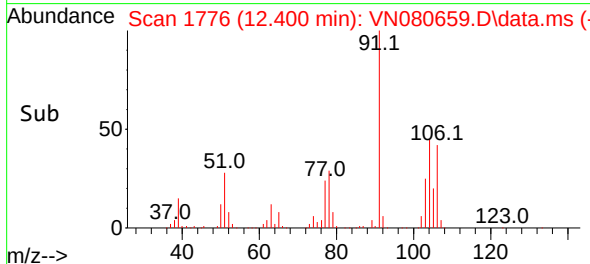
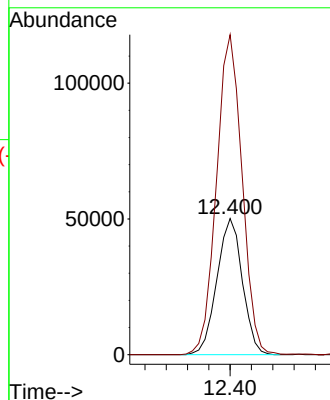
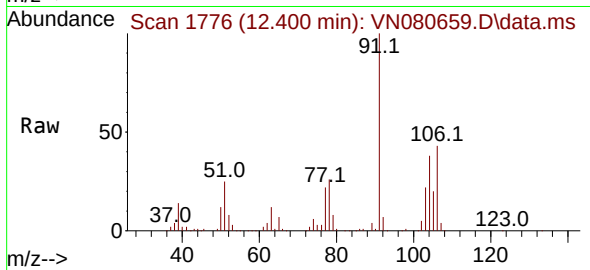
91 236.3 105.2 315.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#70

Styrene

Concen: 19.497 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

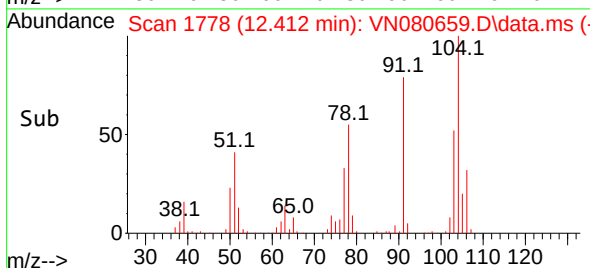
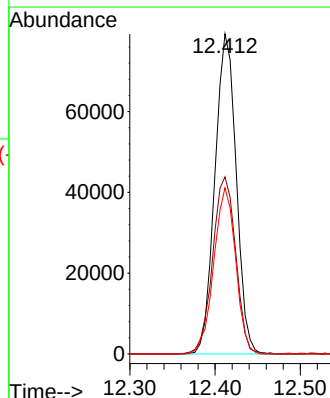
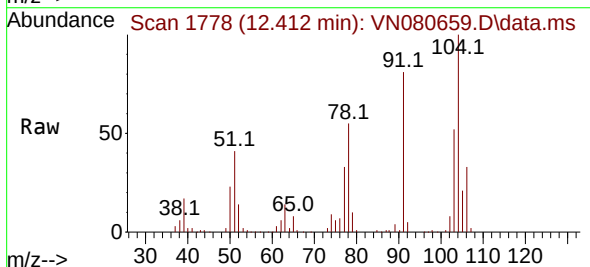
Tgt Ion:104 Resp: 137581

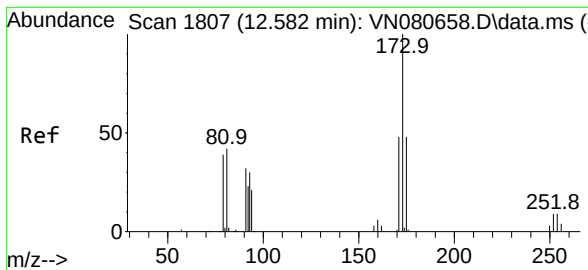
Ion Ratio Lower Upper

104 100

78 59.8 39.5 59.3#

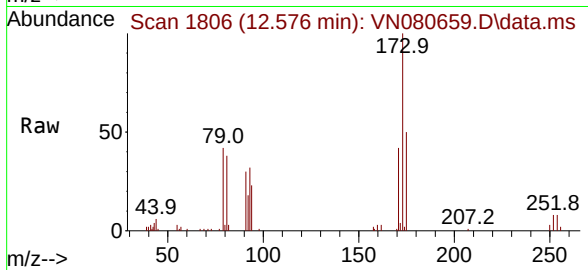
103 53.2 43.2 64.8





#71
Bromoform
Concen: 19.445 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

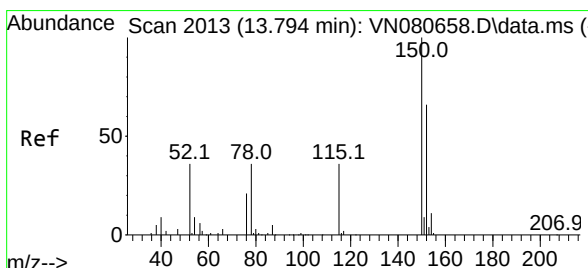
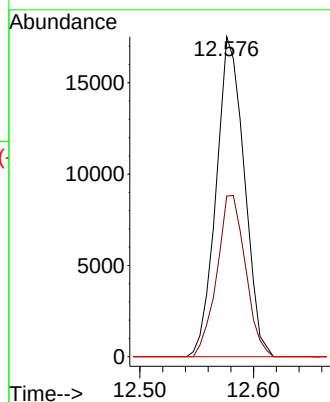
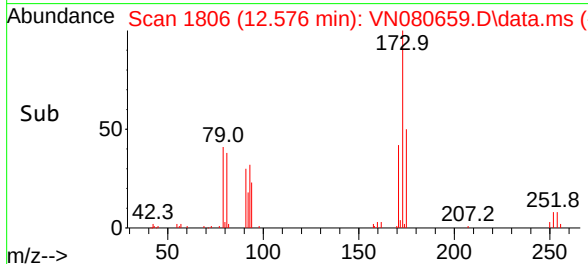
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



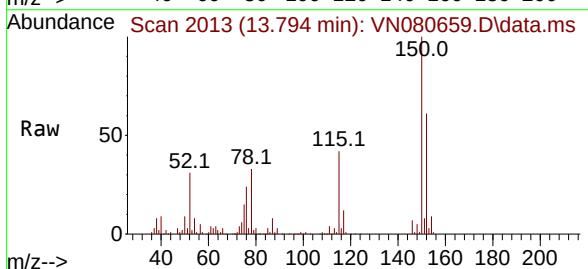
Tgt Ion:173 Resp: 30070
Ion Ratio Lower Upper
173 100
175 51.3 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

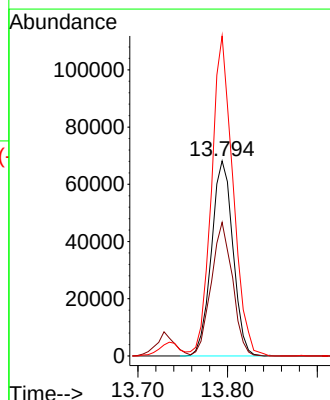
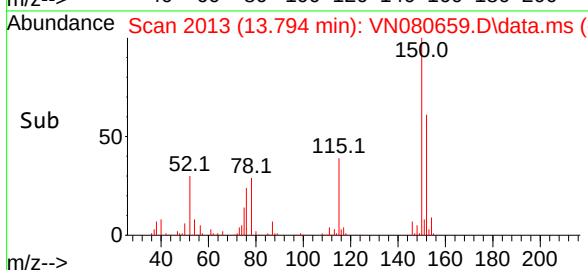
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

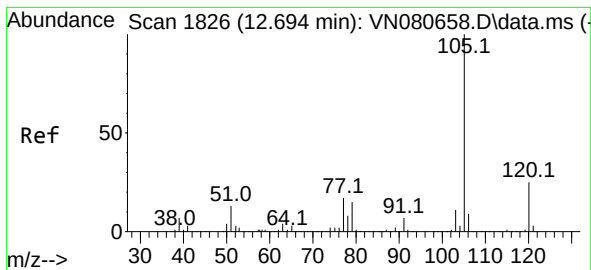


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33



Tgt Ion:152 Resp: 113602
Ion Ratio Lower Upper
152 100
115 67.5 32.3 96.8
150 163.8 0.0 355.8





#73

Isopropylbenzene

Concen: 19.341 ug/l

RT: 12.700 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 208934

Ion Ratio Lower Upper

105 100

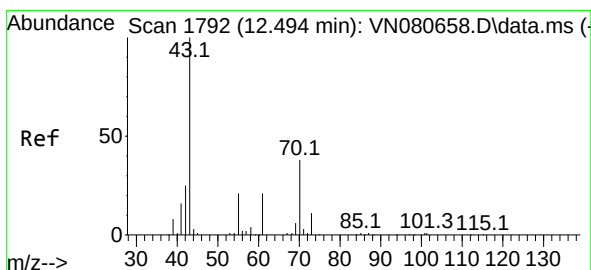
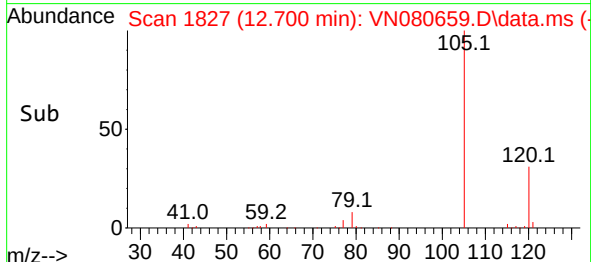
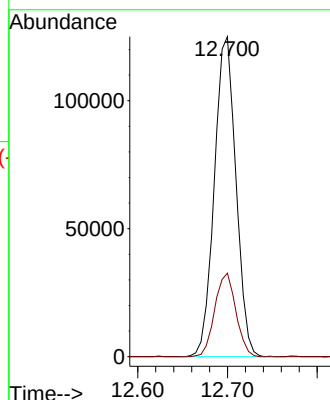
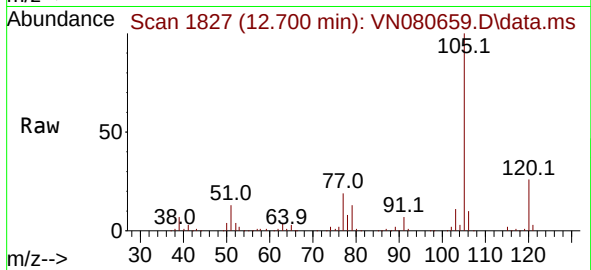
120 25.5 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#74

N-ethyl acetate

Concen: 18.400 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Tgt Ion: 43 Resp: 119287

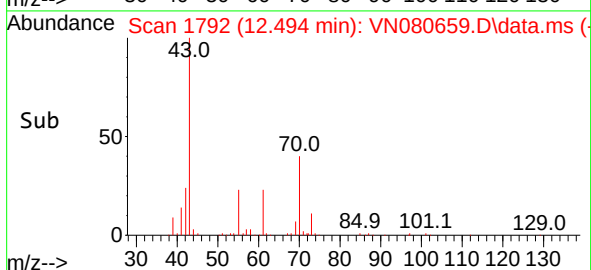
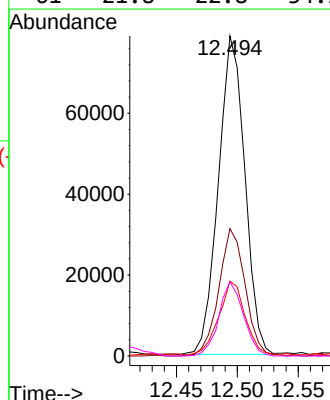
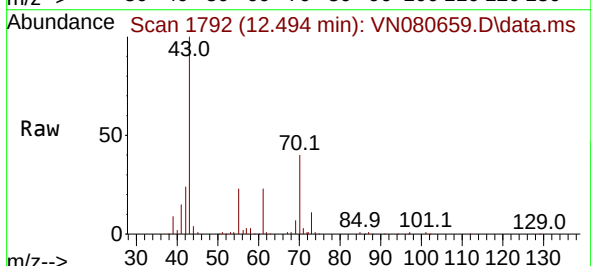
Ion Ratio Lower Upper

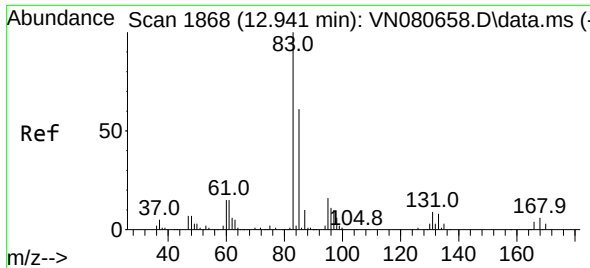
43 100

70 39.8 43.4 65.2#

55 23.1 21.4 32.0

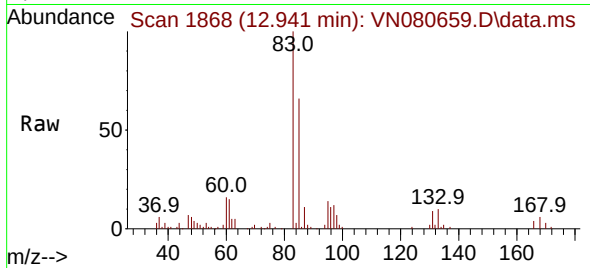
61 21.8 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 18.259 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

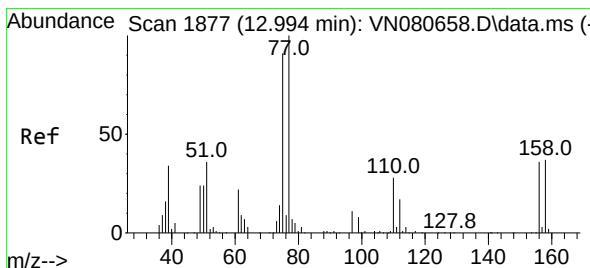
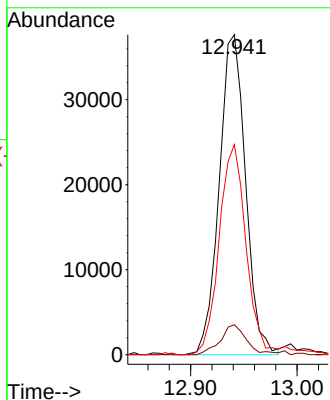
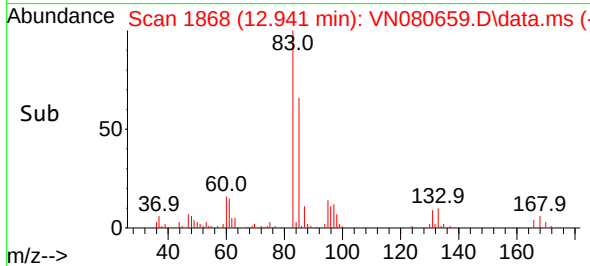
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 64704
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 66.4 31.9 95.7

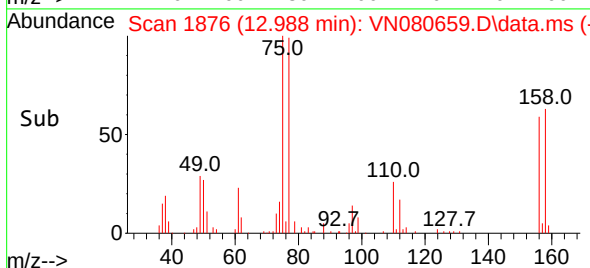
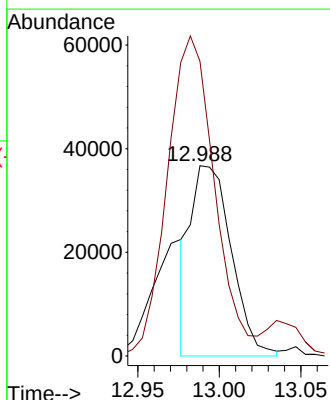
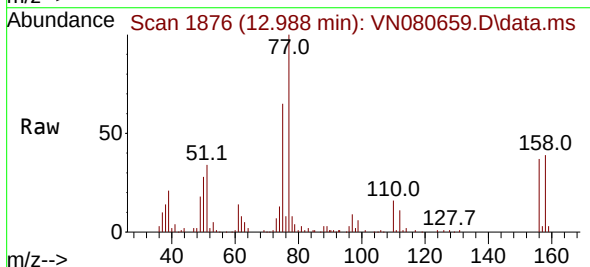
Manual Integrations
APPROVED

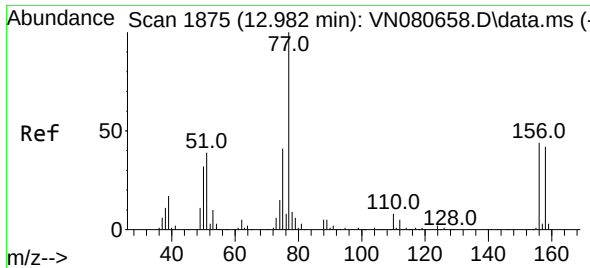
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#76
1,2,3-Trichloropropane
Concen: 17.754 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

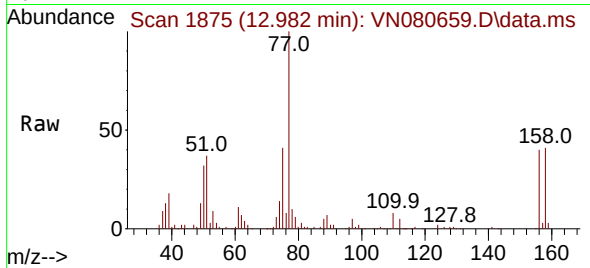
Tgt Ion: 75 Resp: 63366
Ion Ratio Lower Upper
75 100
77 196.9 84.5 253.5





#77
Bromobenzene
Concen: 18.528 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

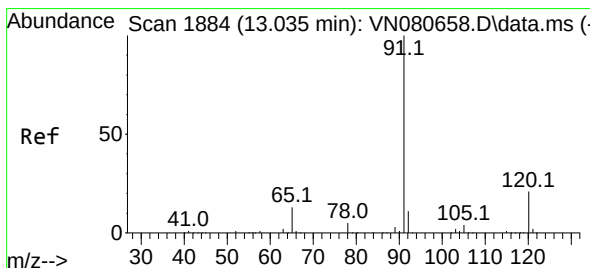
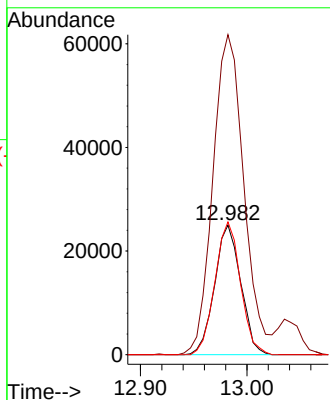
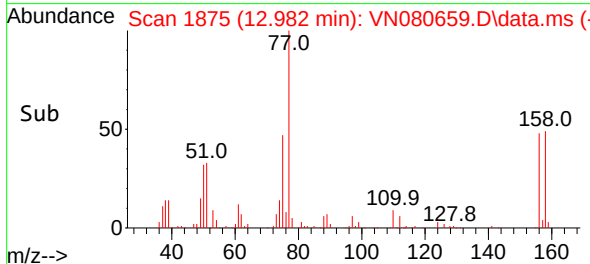
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



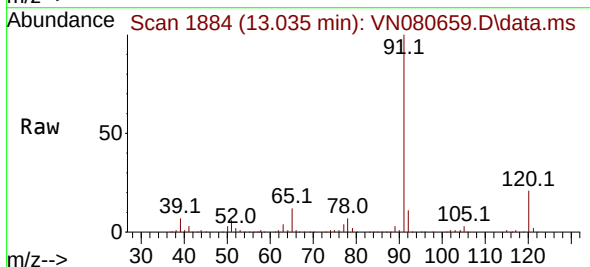
Tgt Ion:156 Resp: 42512
Ion Ratio Lower Upper
156 100
77 293.5 107.7 323.3
158 100.4 48.4 145.3

Manual Integrations
APPROVED

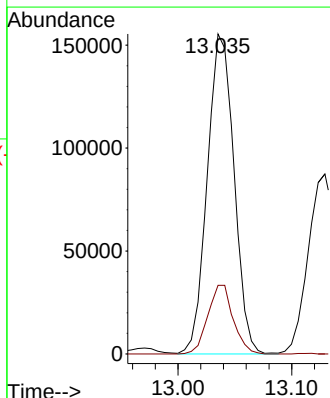
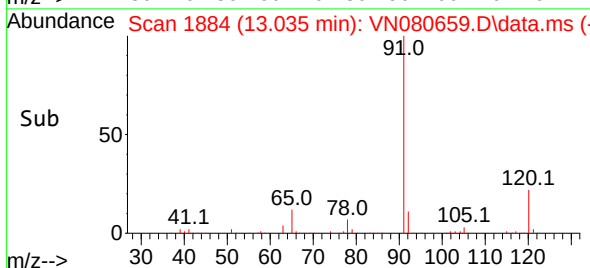
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

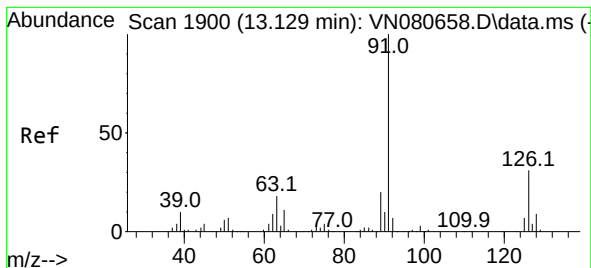


#78
n-propylbenzene
Concen: 19.230 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33



Tgt Ion: 91 Resp: 254832
Ion Ratio Lower Upper
91 100
120 20.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.173 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 154334

Ion Ratio Lower Upper

91 100

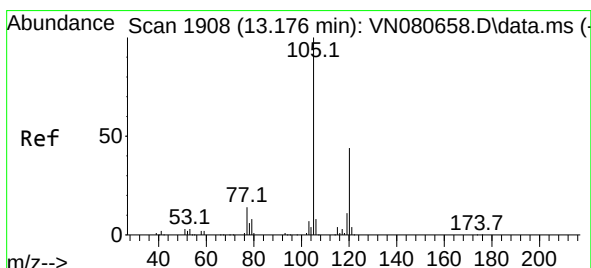
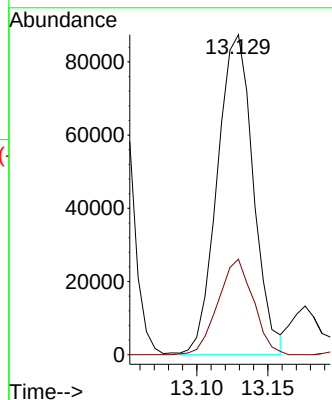
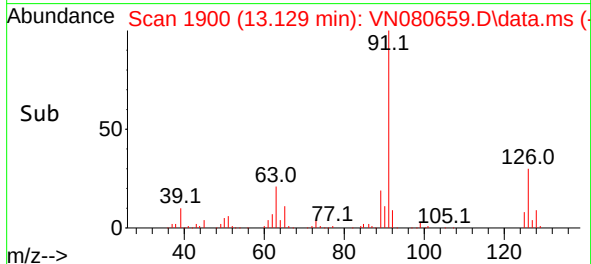
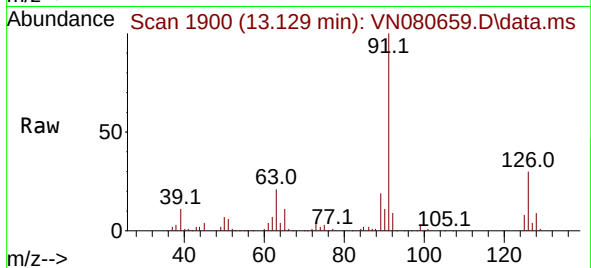
126 29.2 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.345 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080659.D

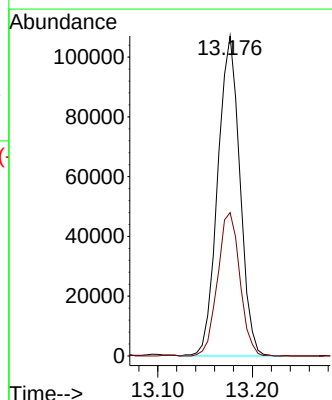
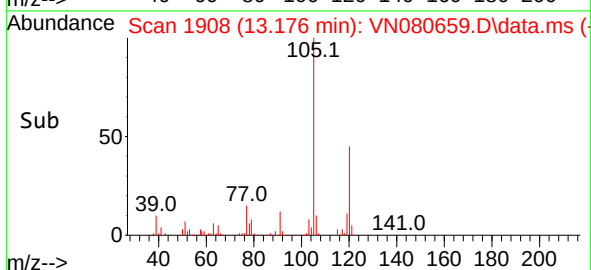
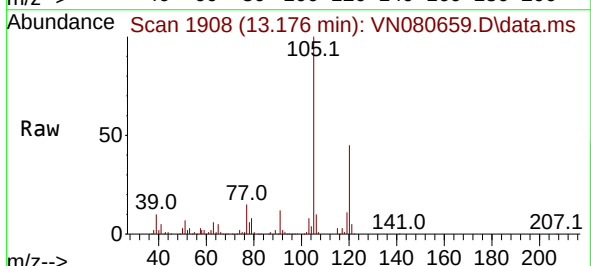
Acq: 10 Jan 2024 13:33

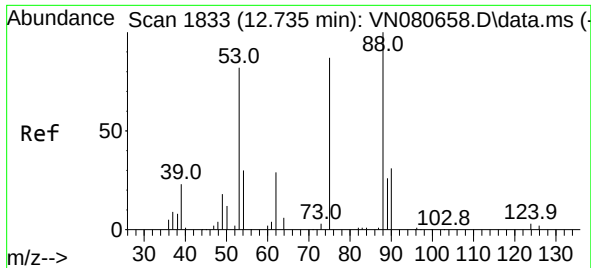
Tgt Ion:105 Resp: 174166

Ion Ratio Lower Upper

105 100

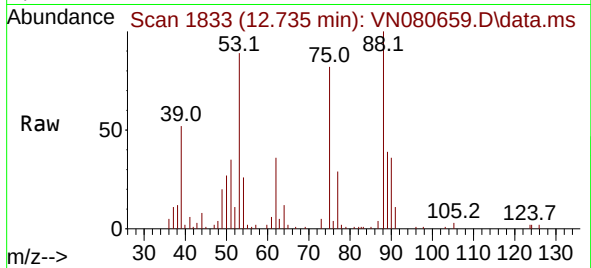
120 45.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.197 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

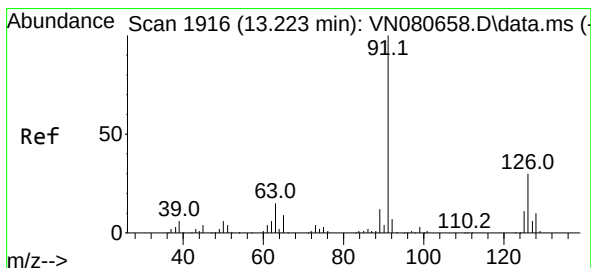
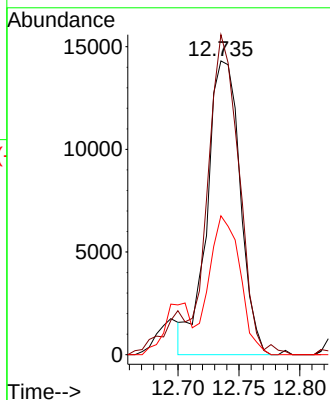
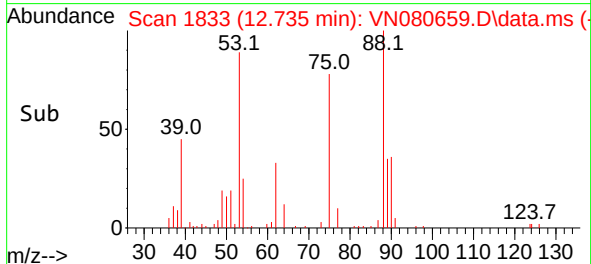
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



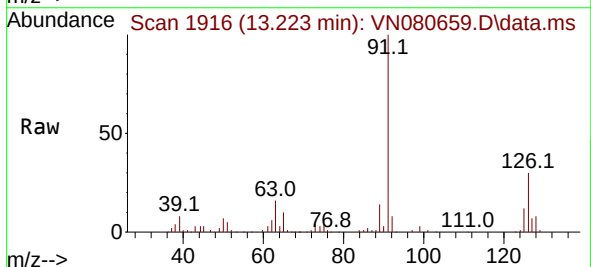
Tgt Ion: 75 Resp: 27050
Ion Ratio Lower Upper
75 100
53 113.2 67.4 101.2
89 44.2 38.8 58.2

Manual Integrations
APPROVED

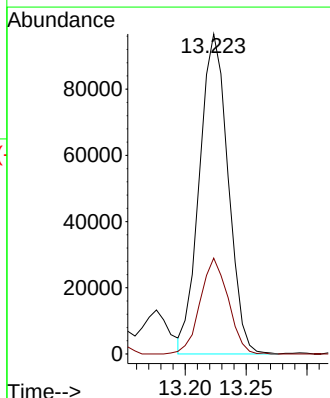
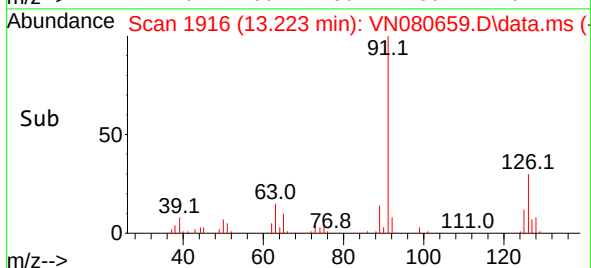
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

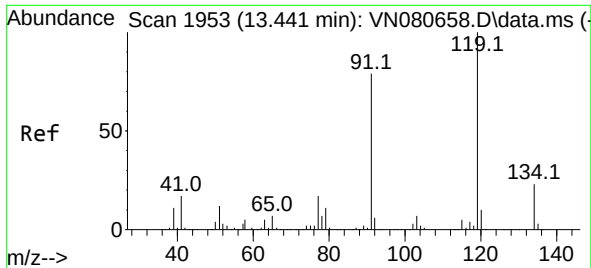


#82
4-Chlorotoluene
Concen: 18.985 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33



Tgt Ion: 91 Resp: 158062
Ion Ratio Lower Upper
91 100
126 29.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.097 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

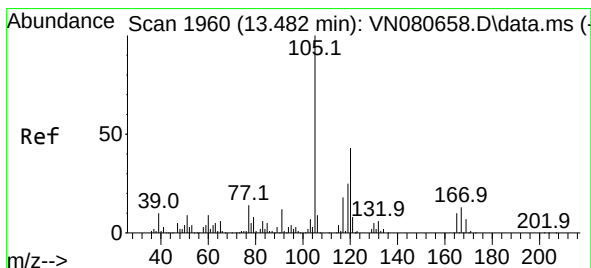
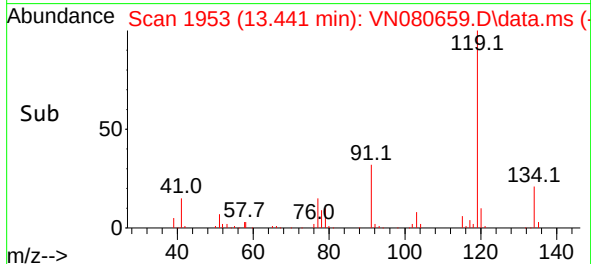
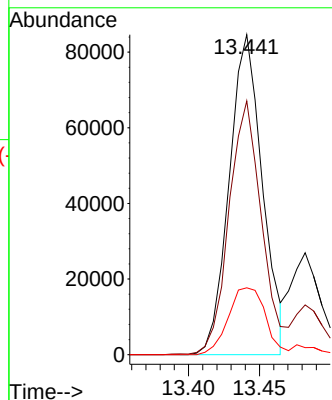
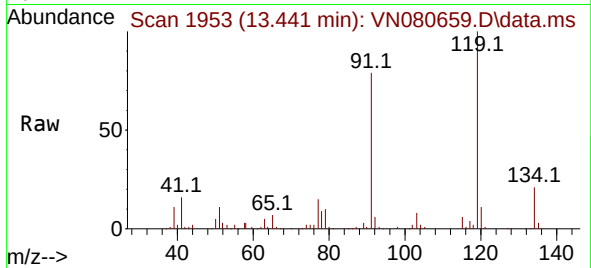
VSTDICC020

Tgt Ion:119 Resp: 13744
Ion Ratio Lower Upper
119 100
91 79.0 33.9 101.7
134 23.4 13.2 39.6

Manual Integrations

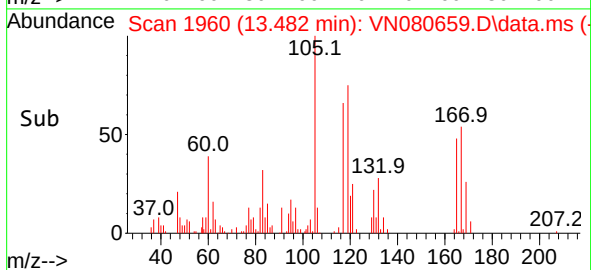
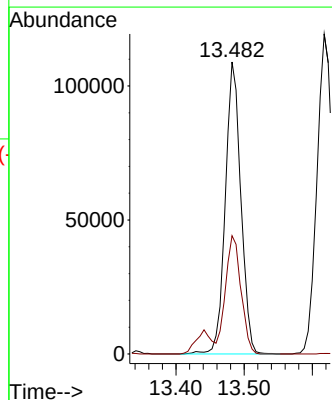
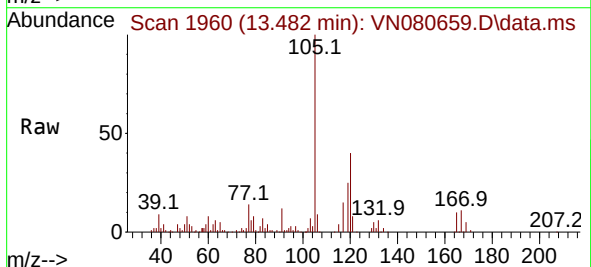
APPROVED

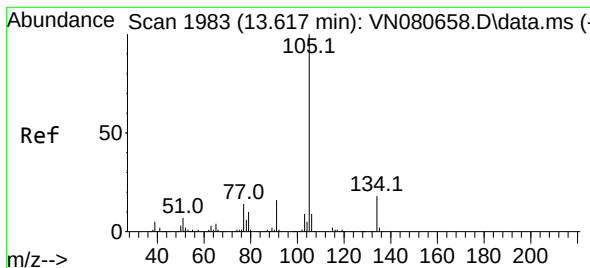
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#84
1,2,4-Trimethylbenzene
Concen: 19.522 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion:105 Resp: 172826
Ion Ratio Lower Upper
105 100
120 40.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 18.790 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 192140

Ion Ratio Lower Upper

105 100

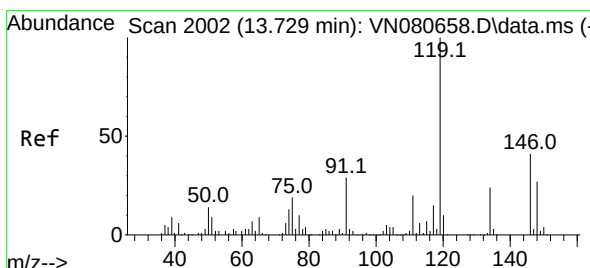
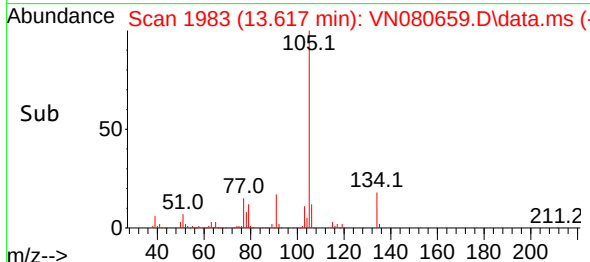
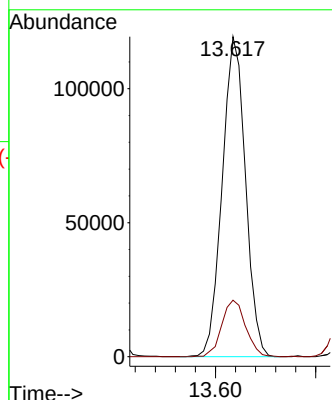
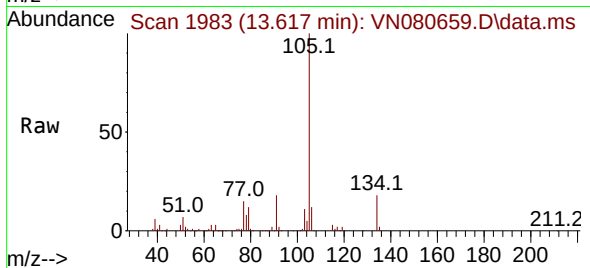
134 18.1 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#86

p-Isopropyltoluene

Concen: 19.275 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

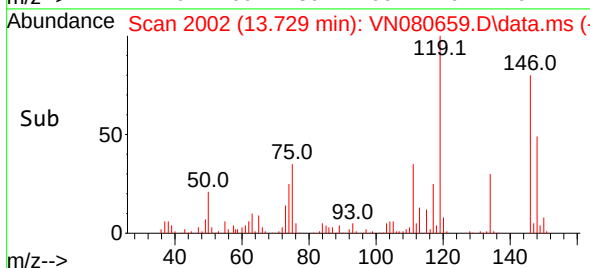
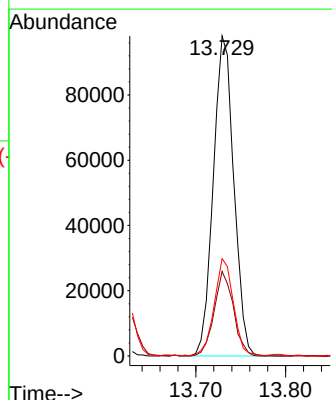
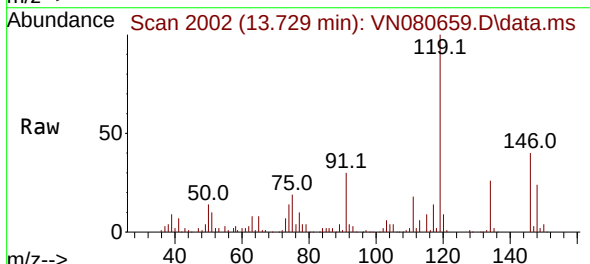
Tgt Ion:119 Resp: 155673

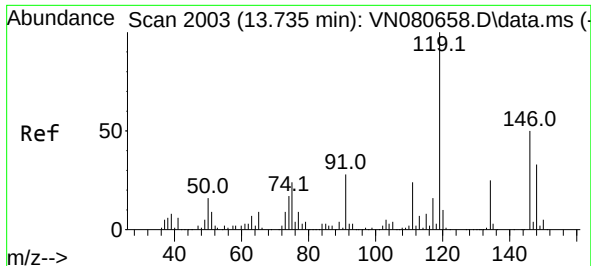
Ion Ratio Lower Upper

119 100

134 24.7 12.6 37.8

91 28.5 12.4 37.2





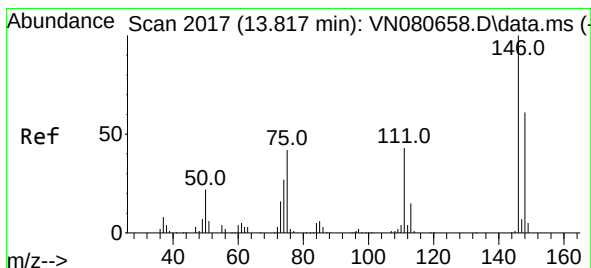
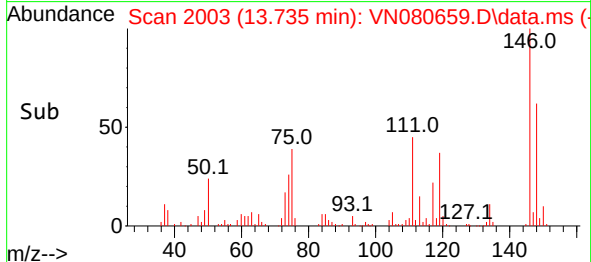
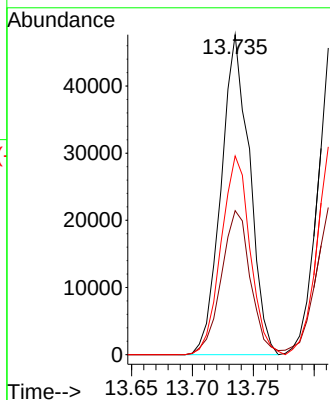
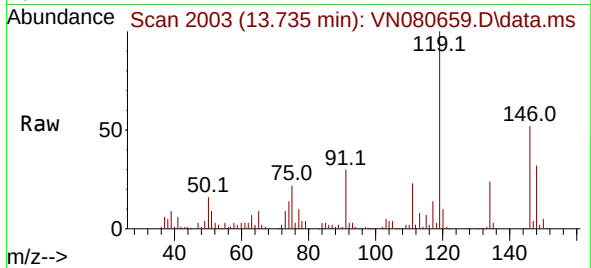
#87
1,3-Dichlorobenzene
Concen: 18.893 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 7742
Ion Ratio Lower Upper
146 100
111 46.2 22.1 66.3
148 63.1 32.0 96.0

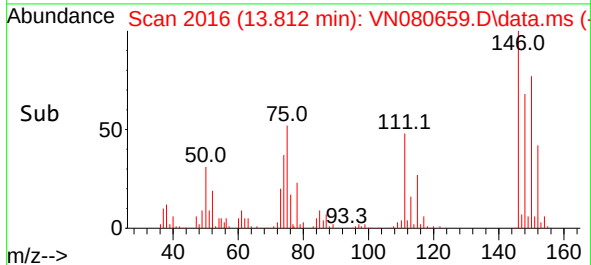
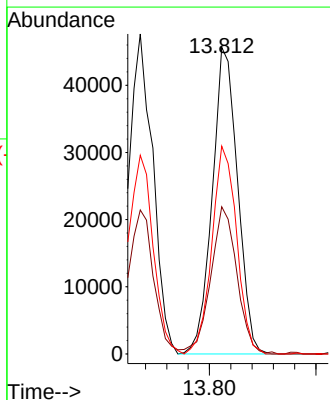
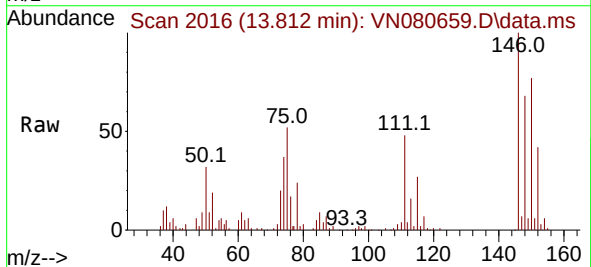
Manual Integrations
APPROVED

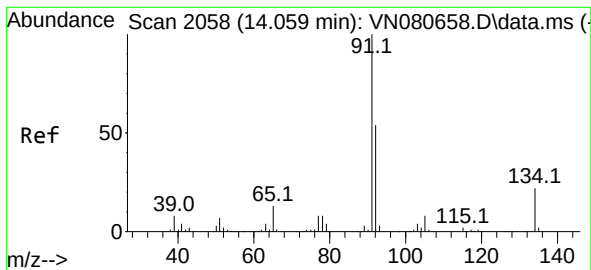
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#88
1,4-Dichlorobenzene
Concen: 18.050 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

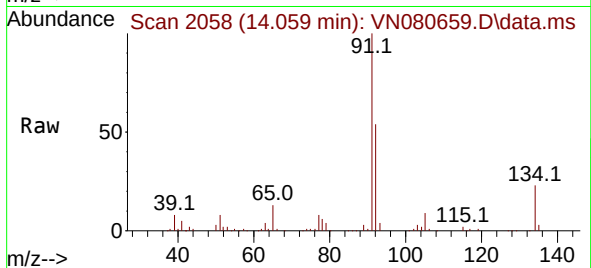
Tgt Ion:146 Resp: 75362
Ion Ratio Lower Upper
146 100
111 49.7 20.6 61.8
148 66.3 31.6 94.8





#89
n-Butylbenzene
Concen: 19.184 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

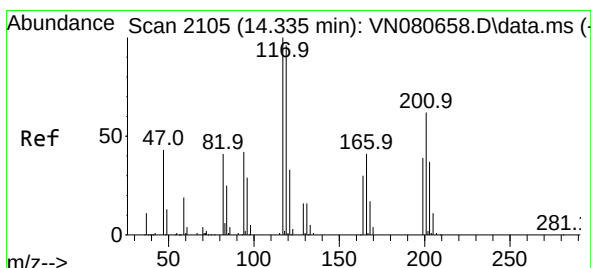
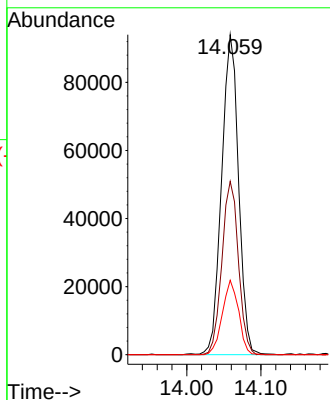
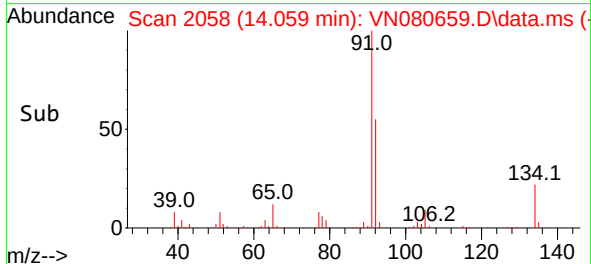
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 149349
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.0
134 22.3 12.6 37.6

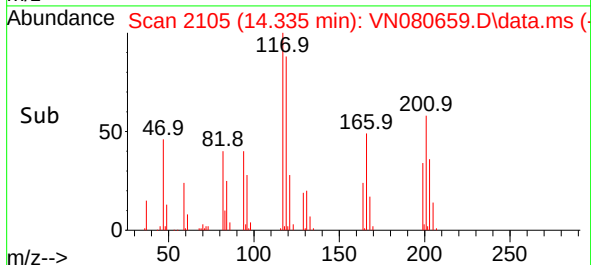
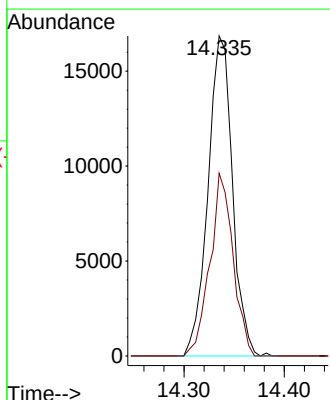
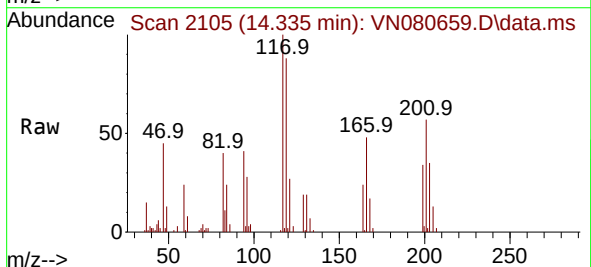
Manual Integrations
APPROVED

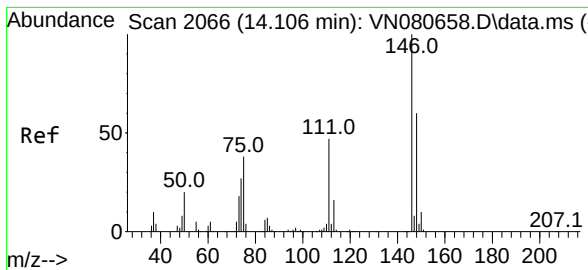
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#90
Hexachloroethane
Concen: 19.059 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion:117 Resp: 28547
Ion Ratio Lower Upper
117 100
201 54.0 29.3 88.0





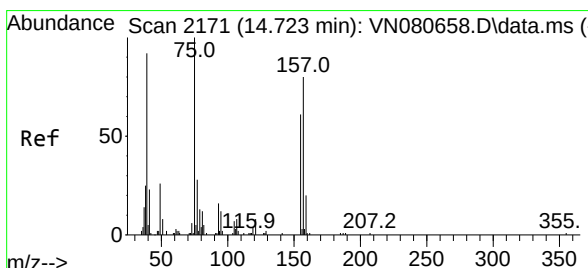
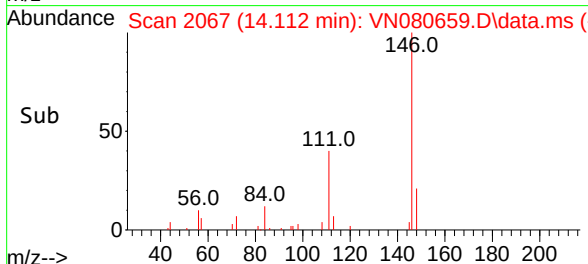
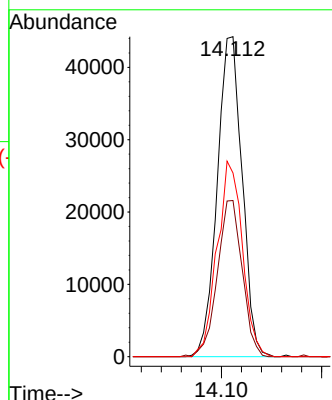
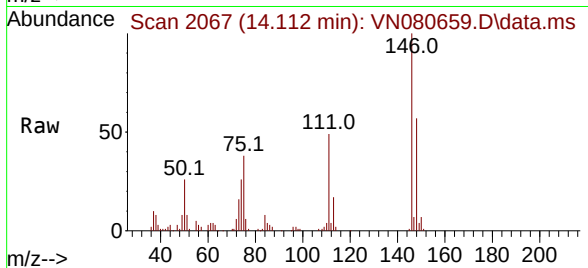
#91
1,2-Dichlorobenzene
Concen: 19.739 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 76228
Ion Ratio Lower Upper
146 100
111 48.5 22.0 66.0
148 62.0 31.8 95.3

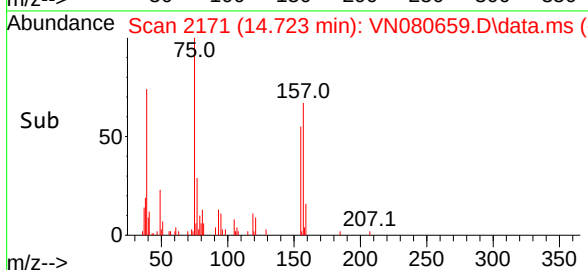
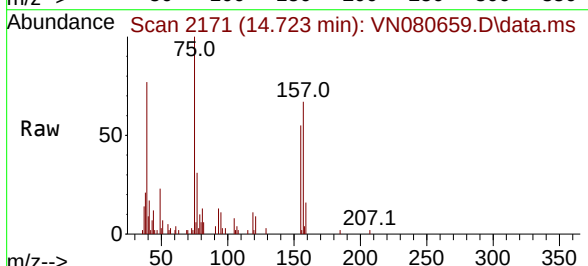
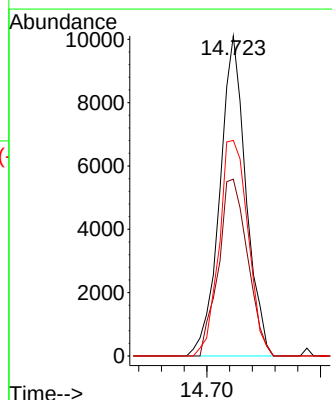
Manual Integrations
APPROVED

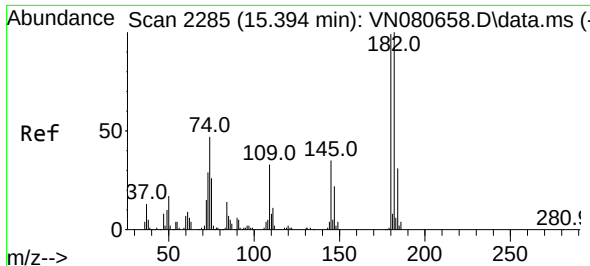
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.742 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

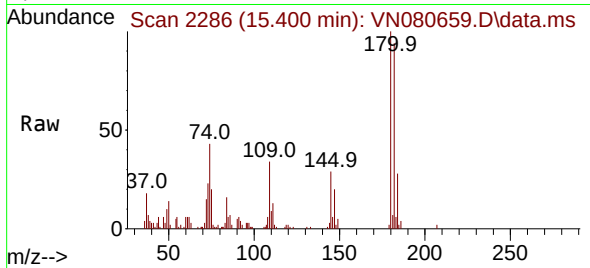
Tgt Ion: 75 Resp: 16195
Ion Ratio Lower Upper
75 100
155 61.4 39.1 117.2
157 74.2 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 18.413 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

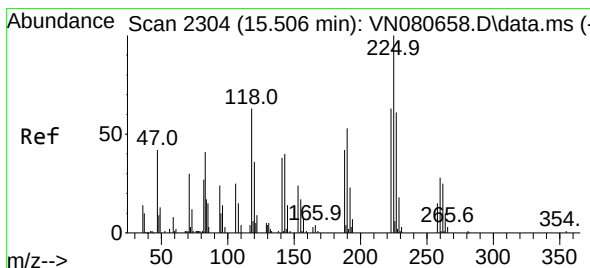
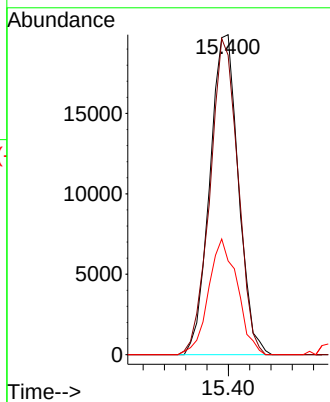
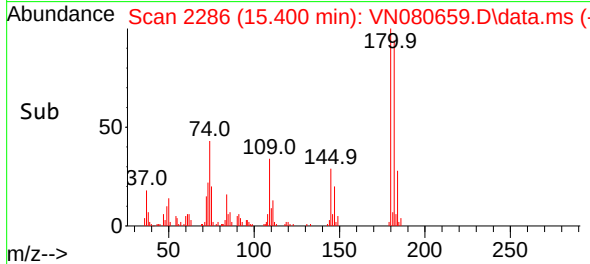
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:180 Resp: 37034
Ion Ratio Lower Upper
180 100
182 96.7 46.1 138.2
145 36.5 16.6 49.8

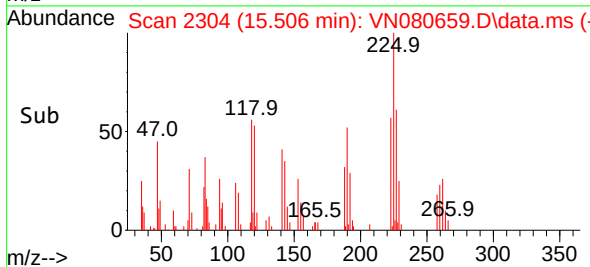
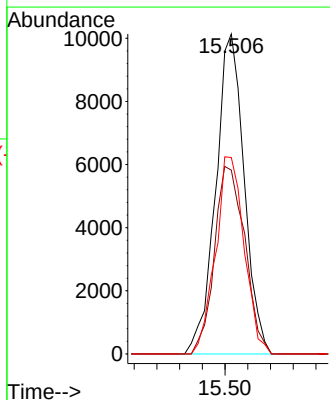
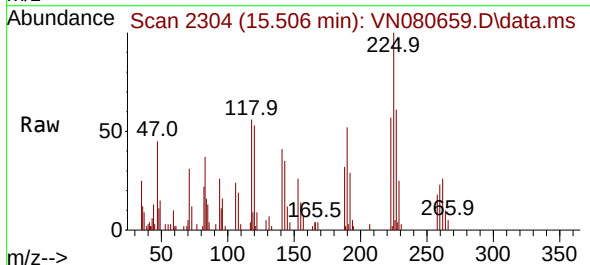
Manual Integrations
APPROVED

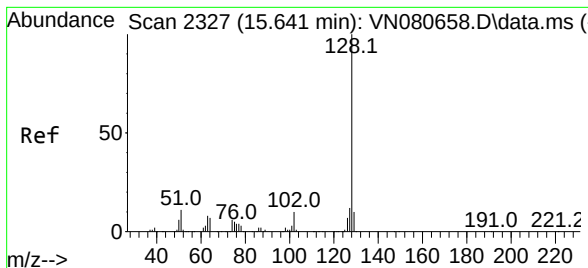
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#94
Hexachlorobutadiene
Concen: 18.276 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

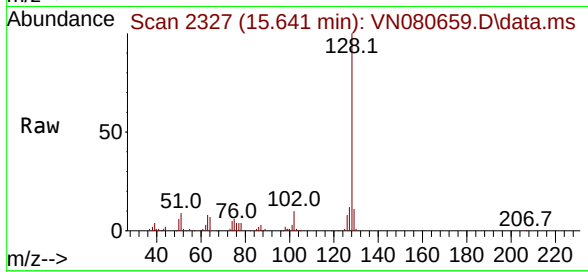
Tgt Ion:225 Resp: 17640
Ion Ratio Lower Upper
225 100
223 62.7 31.3 93.8
227 61.9 31.9 95.9





#95
Naphthalene
Concen: 19.303 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

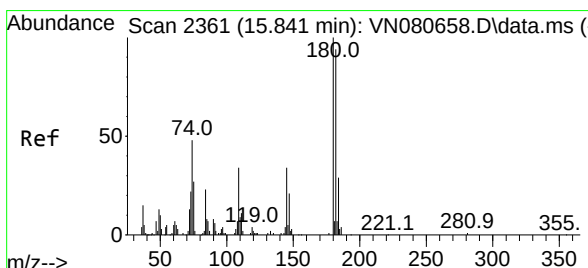
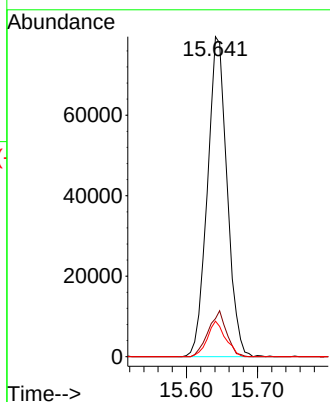
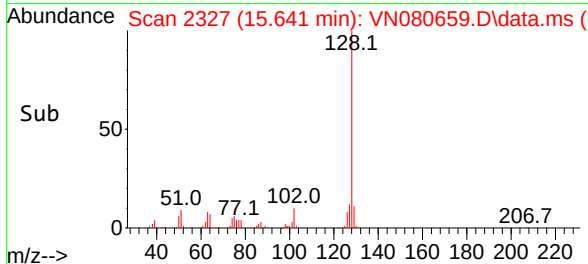
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



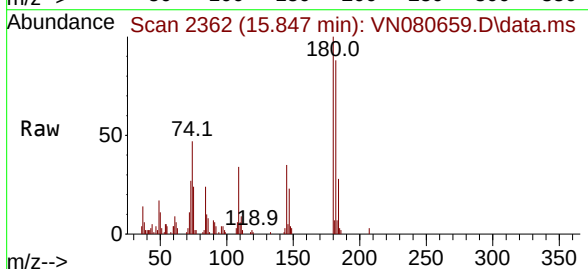
Tgt Ion:128 Resp: 15279
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 10.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#96
1,2,3-Trichlorobenzene
Concen: 19.991 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33



Tgt Ion:180 Resp: 38918
Ion Ratio Lower Upper
180 100
182 90.5 46.2 138.6
145 39.2 17.5 52.6

