

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011024\
 Data File : VN080660.D
 Acq On : 10 Jan 2024 13:57
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Jan 11 06:19:16 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	176167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	351701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	27351	8.841	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	17.680%#		
35) Dibromofluoromethane	8.165	113	18052	9.034	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	18.060%#		
50) Toluene-d8	10.565	98	66085	8.673	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	17.340%#		
62) 4-Bromofluorobenzene	12.847	95	25771	8.820	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	17.640%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	28324	9.896	ug/l	96
3) Chloromethane	2.359	50	32876	9.828	ug/l	94
4) Vinyl Chloride	2.512	62	24561	9.459	ug/l #	80
5) Bromomethane	2.959	94	10264	10.399	ug/l	92
6) Chloroethane	3.118	64	14117	9.871	ug/l	95
7) Trichlorofluoromethane	3.495	101	40291	9.396	ug/l	88
8) Diethyl Ether	3.959	74	19075	10.178	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.383	101	21330m	9.126	ug/l	
10) Methyl Iodide	4.589	142	19324	9.887	ug/l	97
11) Tert butyl alcohol	5.524	59	25398	48.544	ug/l #	93
12) 1,1-Dichloroethene	4.342	96	24608	9.356	ug/l	85
13) Acrolein	4.177	56	20323	46.146	ug/l	98
14) Allyl chloride	5.012	41	47290	9.070	ug/l #	88
15) Acrylonitrile	5.718	53	67043	49.071	ug/l	99
16) Acetone	4.424	43	51829	51.029	ug/l #	88
17) Carbon Disulfide	4.712	76	79308	9.858	ug/l #	94
18) Methyl Acetate	5.030	43	30232	9.996	ug/l #	83
19) Methyl tert-butyl Ether	5.789	73	89422	9.866	ug/l #	89
20) Methylene Chloride	5.277	84	27284	9.202	ug/l #	66
21) trans-1,2-Dichloroethene	5.783	96	26278	9.850	ug/l #	75
22) Diisopropyl ether	6.665	45	98106	9.978	ug/l #	87
23) Vinyl Acetate	6.606	43	400253	50.305	ug/l #	83
24) 1,1-Dichloroethane	6.565	63	53468	9.935	ug/l	96
25) 2-Butanone	7.477	43	88264	48.076	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	45285	9.621	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	28590	9.721	ug/l	71
28) Bromochloromethane	7.812	49	22441	8.919	ug/l #	59
29) Tetrahydrofuran	7.841	42	62994	50.906	ug/l #	72
30) Chloroform	7.965	83	49015	9.715	ug/l	96
31) Cyclohexane	8.259	56	45918	9.607	ug/l #	81
32) 1,1,1-Trichloroethane	8.165	97	43700	10.622	ug/l	92
36) 1,1-Dichloropropene	8.371	75	39491	9.648	ug/l	91
37) Ethyl Acetate	7.559	43	38523	9.705	ug/l #	94
38) Carbon Tetrachloride	8.359	117	34864	9.486	ug/l	95
39) Methylcyclohexane	9.600	83	36377	9.286	ug/l #	75
40) Benzene	8.606	78	112671	9.791	ug/l	93

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	23069	10.129	ug/l #	83
42) 1,2-Dichloroethane	8.671	62	42449	9.636	ug/l	87
43) Isopropyl Acetate	8.688	43	71878	9.851	ug/l #	89
44) Trichloroethene	9.353	130	22863	8.776	ug/l	75
45) 1,2-Dichloropropane	9.624	63	29725	9.743	ug/l	98
46) Dibromomethane	9.712	93	18752	9.715	ug/l	93
47) Bromodichloromethane	9.888	83	39173	9.144	ug/l	94
48) Methyl methacrylate	9.682	41	34107	9.874	ug/l #	76
49) 1,4-Dioxane	9.700	88	7756	180.199	ug/l #	67
51) 4-Methyl-2-Pentanone	10.447	43	191880	48.748	ug/l	87
52) Toluene	10.629	92	64536	9.789	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	44643	9.388	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	50284	9.972	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	25180	9.922	ug/l	93
56) Ethyl methacrylate	10.877	69	43691	9.612	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	45564	9.835	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	109203	50.161	ug/l #	87
59) 2-Hexanone	11.194	43	141867	48.823	ug/l	84
60) Dibromochloromethane	11.359	129	24938	9.562	ug/l	99
61) 1,2-Dibromoethane	11.471	107	24472	9.810	ug/l	99
64) Tetrachloroethene	11.106	164	20474	10.146	ug/l	98
65) Chlorobenzene	11.888	112	61464	9.574	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	22722	9.969	ug/l	99
67) Ethyl Benzene	11.965	91	117686	9.600	ug/l	91
68) m/p-Xylenes	12.071	106	86099	19.978	ug/l	93
69) o-Xylene	12.400	106	41345	9.812	ug/l	84
70) Styrene	12.412	104	69492	9.712	ug/l	93
71) Bromoform	12.582	173	15088	9.622	ug/l #	100
73) Isopropylbenzene	12.700	105	101702	9.700	ug/l	97
74) N-amyl acetate	12.494	43	62281	9.899	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	34366	9.993	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	31680m	9.146	ug/l	
77) Bromobenzene	12.982	156	21119	9.484	ug/l	66
78) n-propylbenzene	13.041	91	125879	9.787	ug/l	95
79) 2-Chlorotoluene	13.129	91	79356	9.628	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	83812	9.592	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	13152	9.114	ug/l #	83
82) 4-Chlorotoluene	13.223	91	77649	9.610	ug/l	90
83) tert-Butylbenzene	13.441	119	66523	9.524	ug/l	87
84) 1,2,4-Trimethylbenzene	13.482	105	83150	9.678	ug/l	98
85) sec-Butylbenzene	13.618	105	95024	9.574	ug/l	97
86) p-Isopropyltoluene	13.735	119	73709	9.404	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	37731	9.486	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	38614	9.529	ug/l	90
89) n-Butylbenzene	14.059	91	70576	9.341	ug/l	96
90) Hexachloroethane	14.335	117	13689	9.417	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	36138	9.642	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	7506	9.231	ug/l	75
93) 1,2,4-Trichlorobenzene	15.400	180	19666	10.075	ug/l	99
94) Hexachlorobutadiene	15.500	225	9046	9.657	ug/l	96
95) Naphthalene	15.641	128	71049	9.249	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	18199	9.632	ug/l	98

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MSVOA_N
ClientSampleId :
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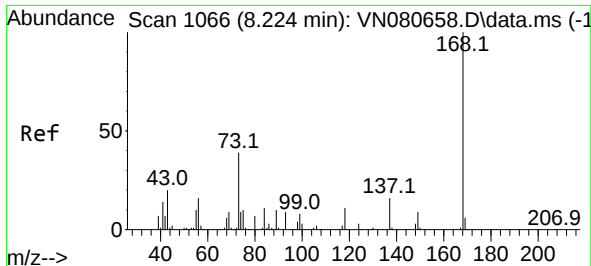
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 01/11/2024

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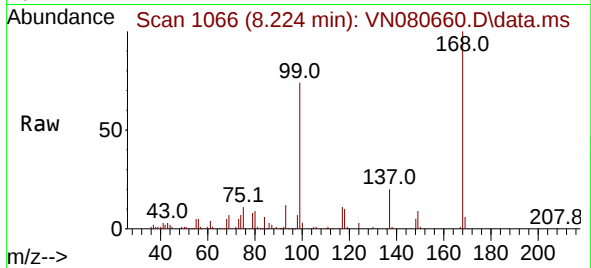
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080660.D
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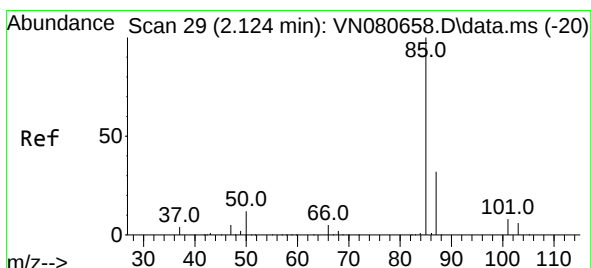
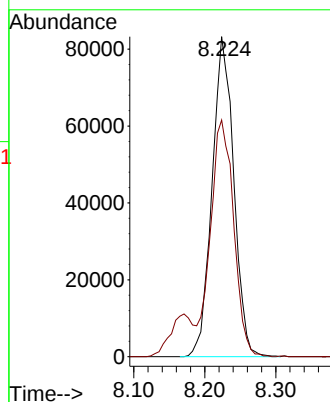
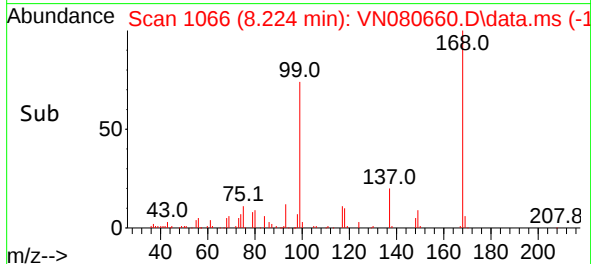
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:168 Resp: 17616
Ion Ratio Lower Upper
168 100
99 73.7 53.0 79.6

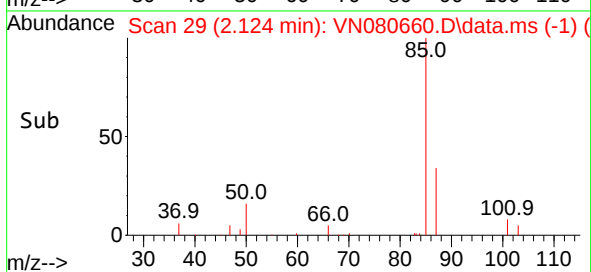
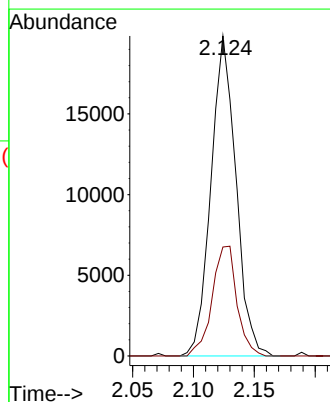
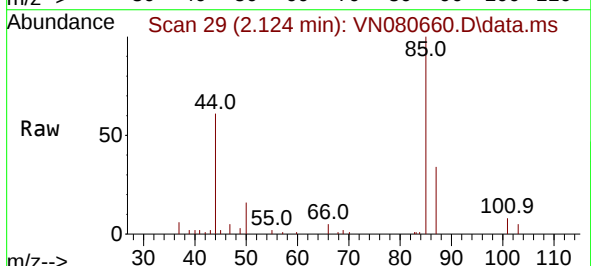
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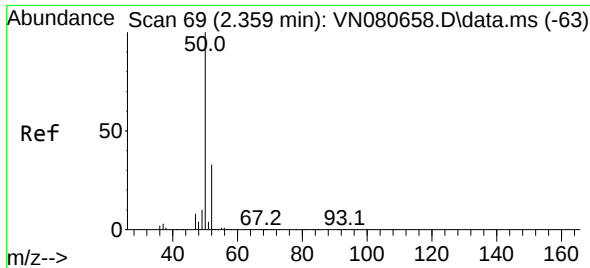
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#2
Dichlorodifluoromethane
Concen: 9.896 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

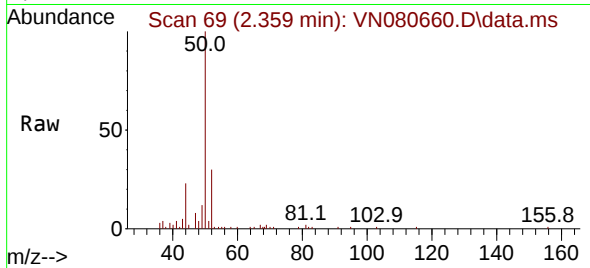
Tgt Ion: 85 Resp: 28324
Ion Ratio Lower Upper
85 100
87 34.1 15.8 47.4





#3
Chloromethane
Concen: 9.828 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

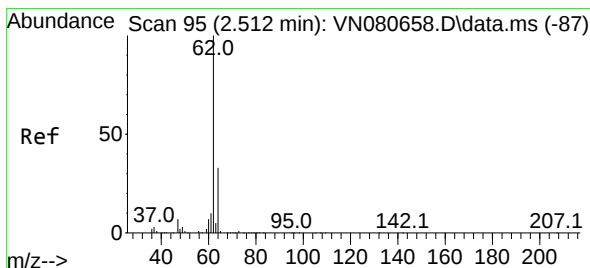
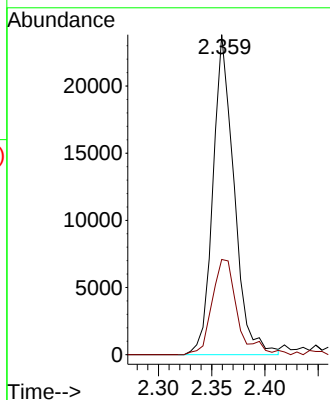
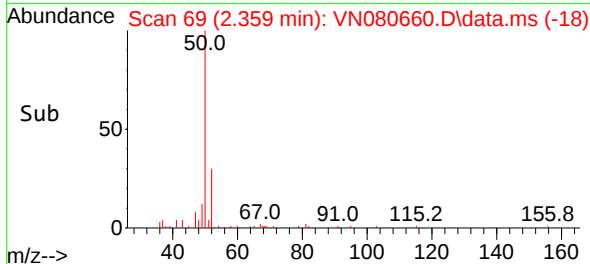
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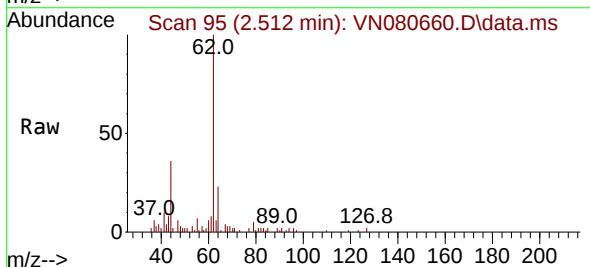
Tgt Ion: 50 Resp: 32870
Ion Ratio Lower Upper
50 100
52 29.7 26.5 39.7

Manual Integrations
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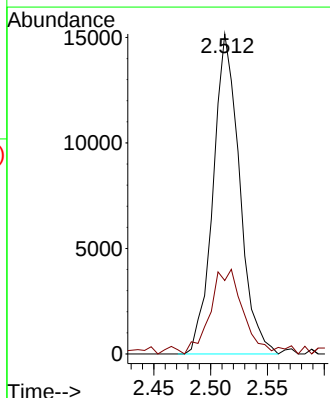
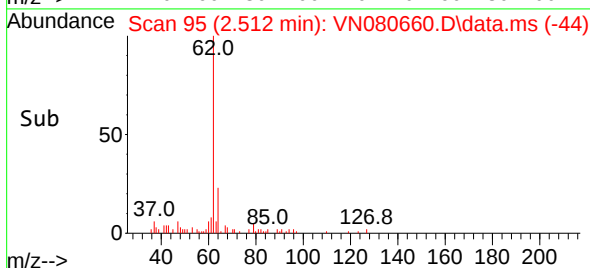
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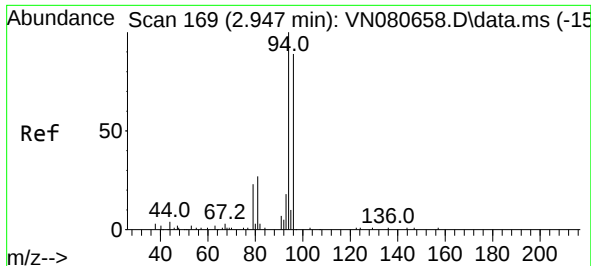


#4
Vinyl Chloride
Concen: 9.459 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57



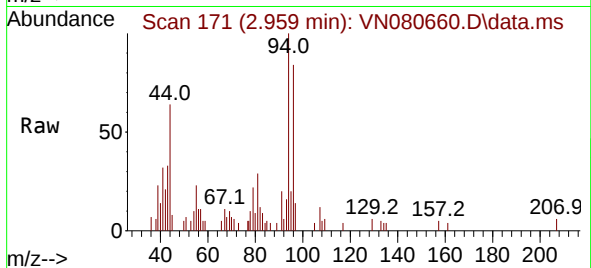
Tgt Ion: 62 Resp: 24561
Ion Ratio Lower Upper
62 100
64 21.6 26.2 39.2#





#5
Bromomethane
Concen: 10.399 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

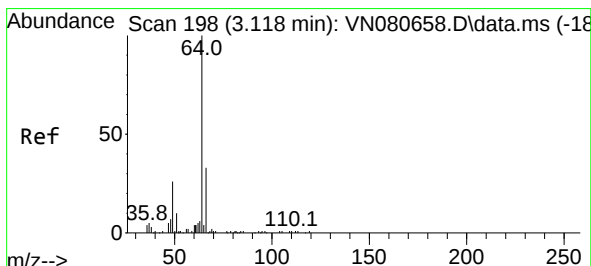
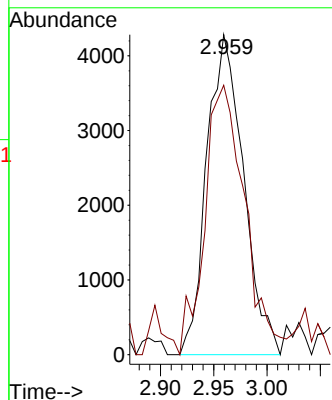
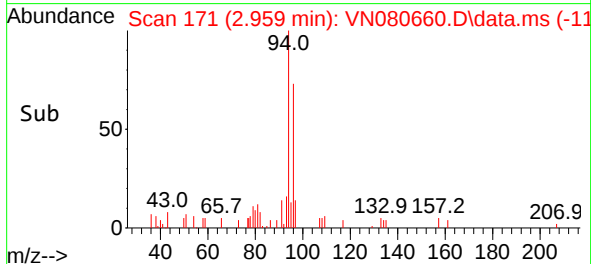
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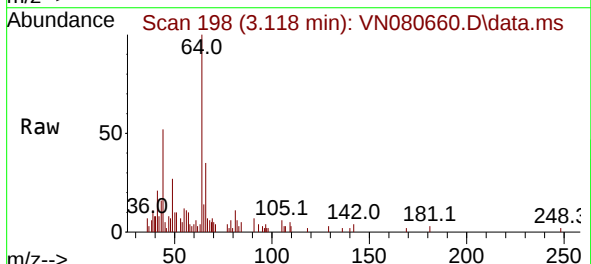
Tgt Ion: 94 Resp: 10264
Ion Ratio Lower Upper
94 100
96 84.2 73.1 109.7

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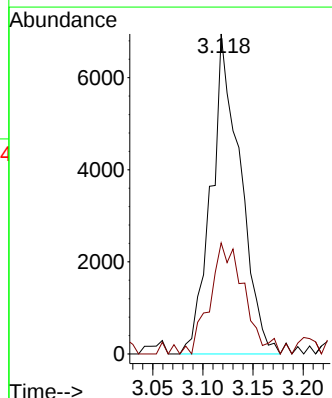
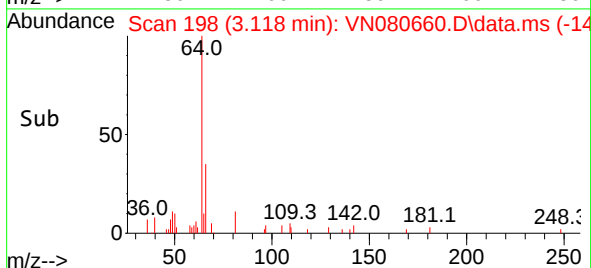
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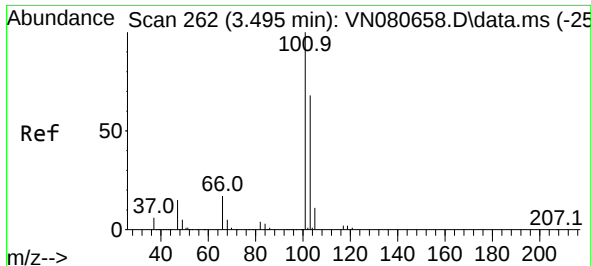


#6
Chloroethane
Concen: 9.871 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57



Tgt Ion: 64 Resp: 14117
Ion Ratio Lower Upper
64 100
66 34.7 25.4 38.2





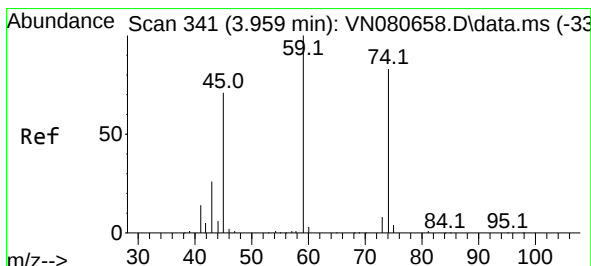
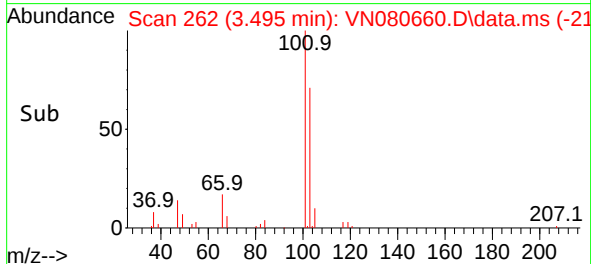
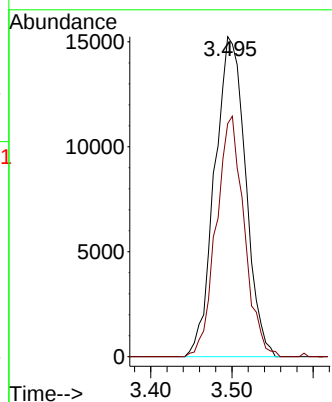
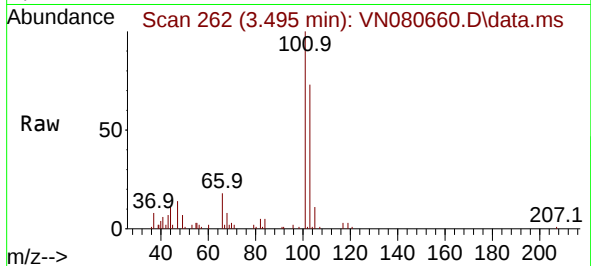
#7
Trichlorofluoromethane
Concen: 9.396 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 4029
Ion Ratio Lower Upper
101 100
103 72.9 50.7 76.1

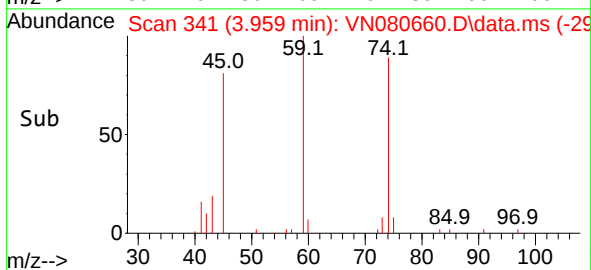
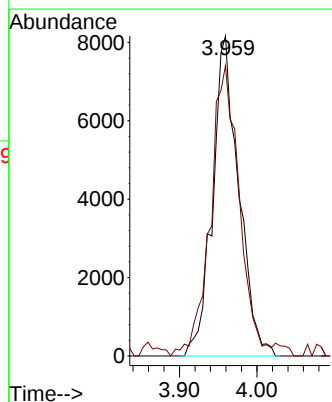
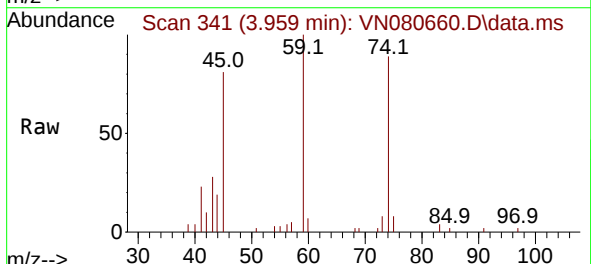
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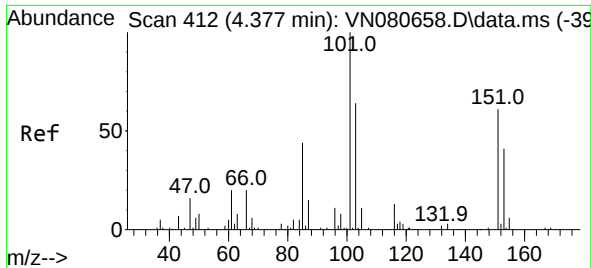
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#8
Diethyl Ether
Concen: 10.178 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

Tgt Ion: 74 Resp: 19075
Ion Ratio Lower Upper
74 100
45 100.3 34.4 103.3





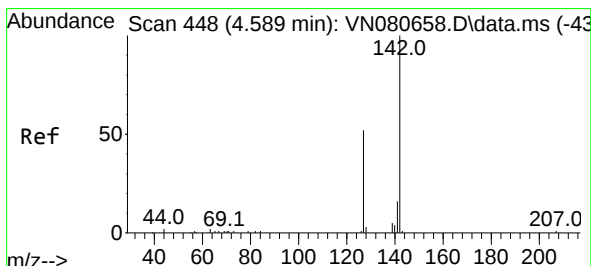
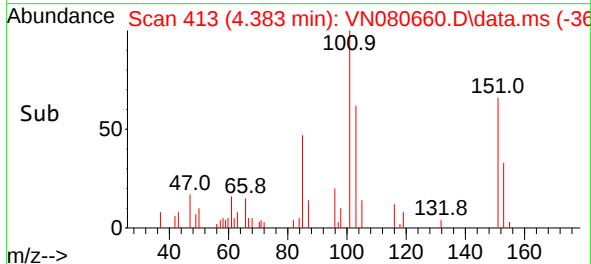
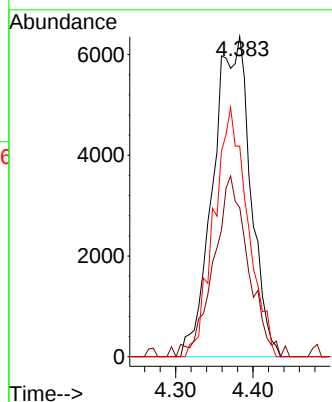
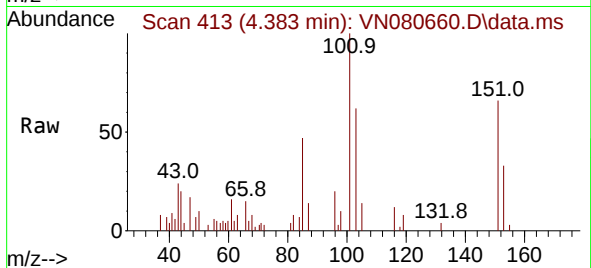
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.126 ug/l m
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 21330
Ion Ratio Lower Upper
101 100
85 52.7 36.6 55.0
151 70.3 57.6 86.4

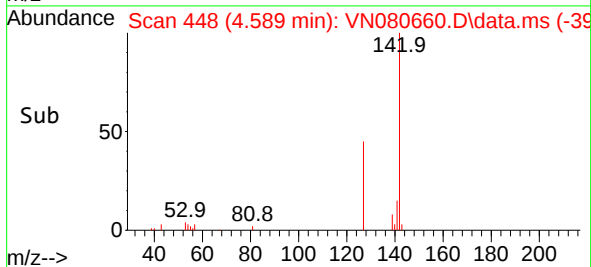
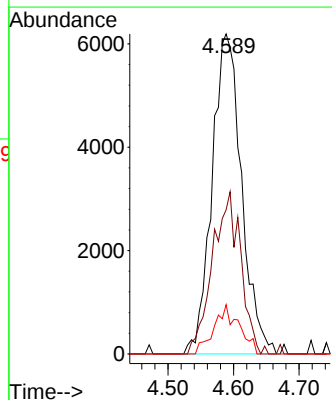
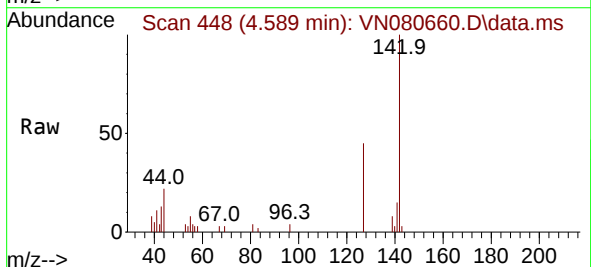
Manual Integrations
APPROVED

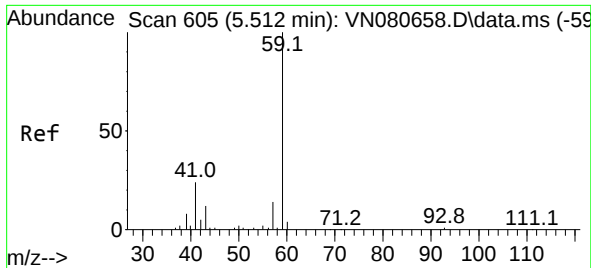
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#10
Methyl Iodide
Concen: 9.887 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

Tgt Ion:142 Resp: 19324
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 15.4 11.4 17.0





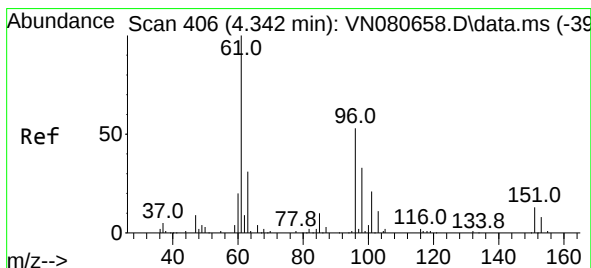
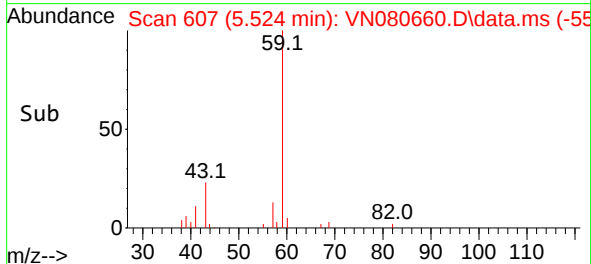
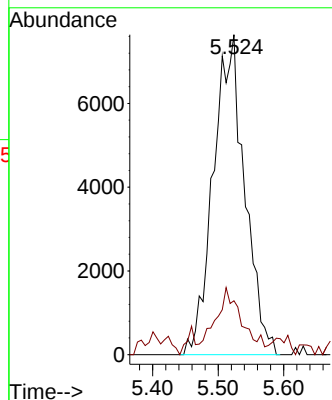
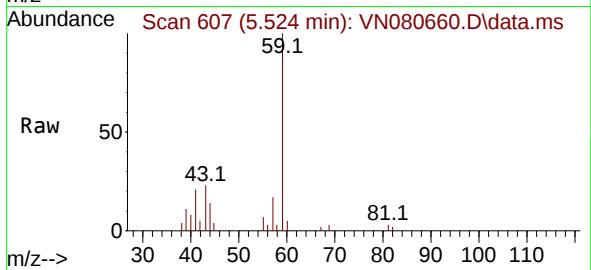
#11
Tert butyl alcohol
Concen: 48.544 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 25398
Ion Ratio Lower Upper
59 100
57 13.1 8.2 12.4

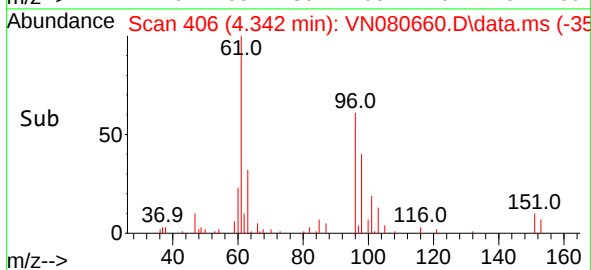
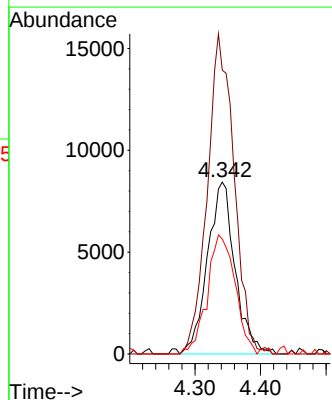
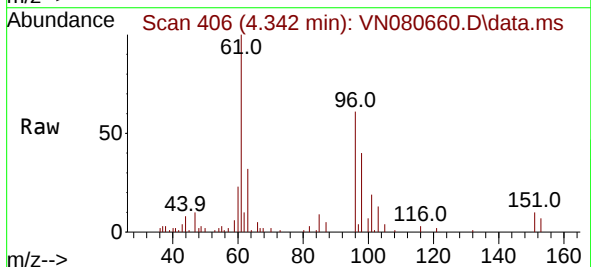
Manual Integrations
APPROVED

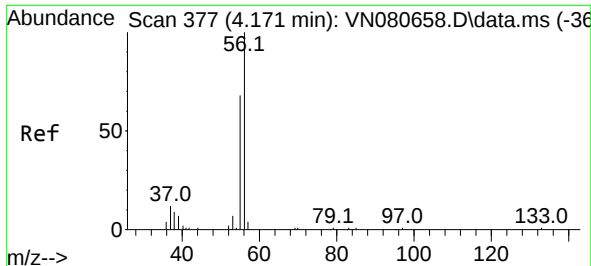
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#12
1,1-Dichloroethene
Concen: 9.356 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

Tgt Ion: 96 Resp: 24608
Ion Ratio Lower Upper
96 100
61 165.2 112.7 169.1
98 66.9 51.2 76.8





#13

Acrolein

Concen: 46.146 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080660.D

Acq: 10 Jan 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 2032

Ion Ratio Lower Upper

56 100

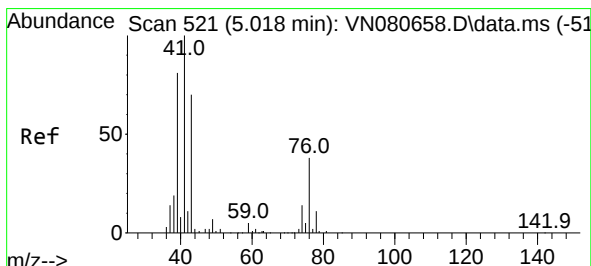
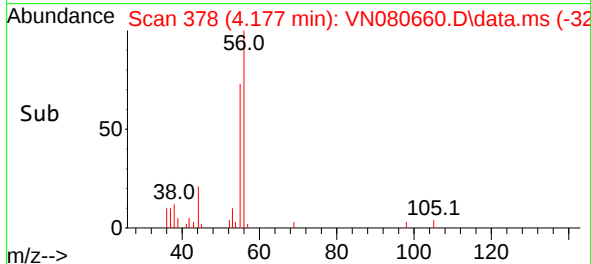
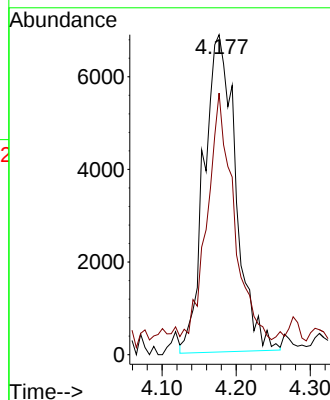
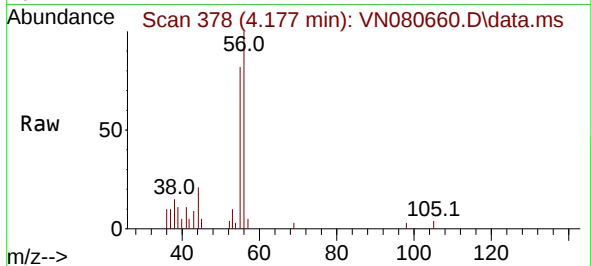
55 66.3 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#14

Allyl chloride

Concen: 9.070 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.006 min

Lab File: VN080660.D

Acq: 10 Jan 2024 13:57

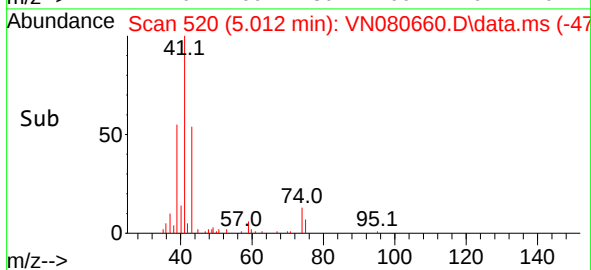
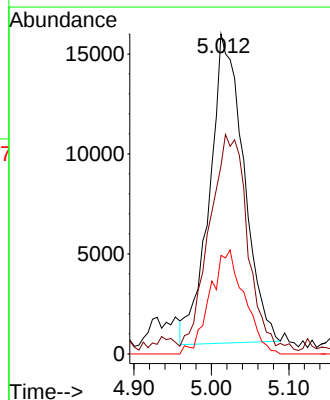
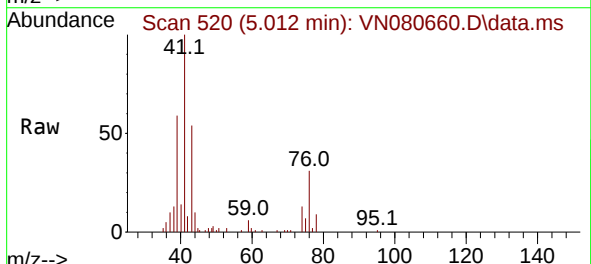
Tgt Ion: 41 Resp: 47290

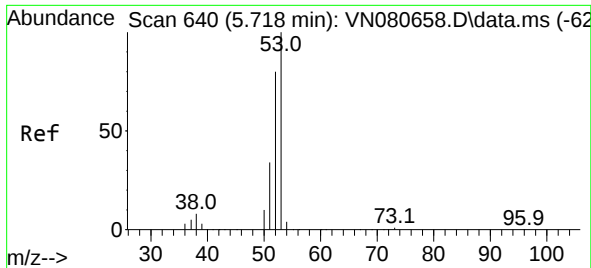
Ion Ratio Lower Upper

41 100

39 78.2 58.8 88.2

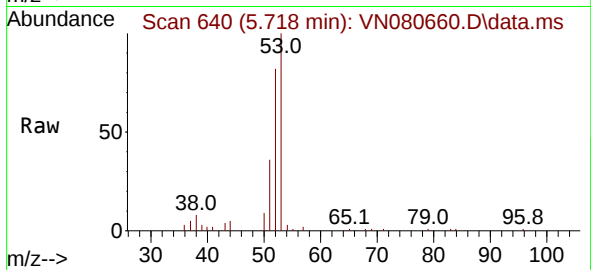
76 33.9 39.1 58.7#





#15
Acrylonitrile
Concen: 49.071 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

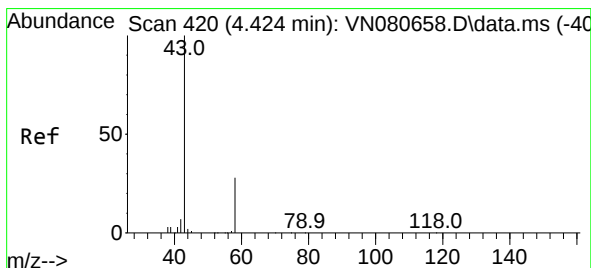
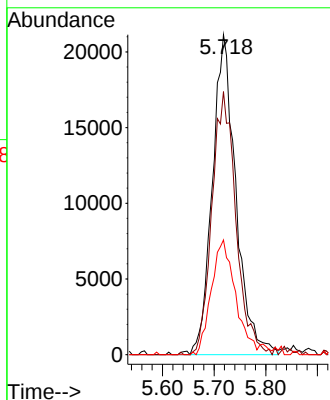
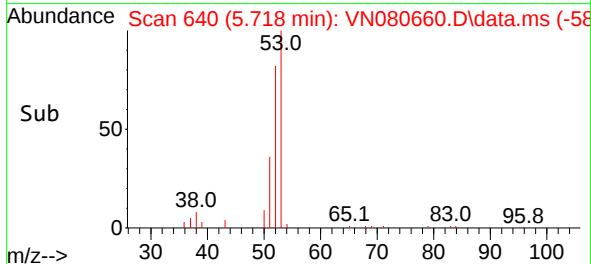
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



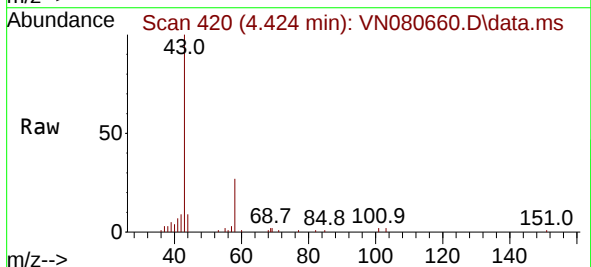
Tgt Ion: 53 Resp: 6704
Ion Ratio Lower Upper
53 100
52 83.2 65.3 97.9
51 36.5 28.9 43.3

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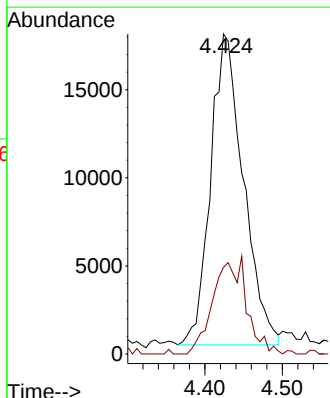
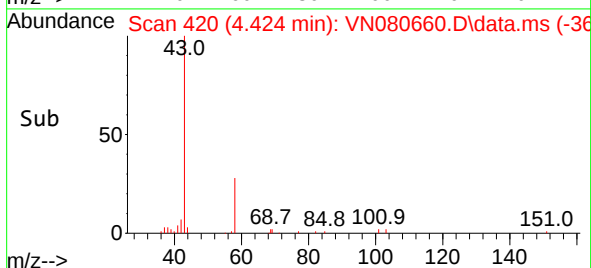
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

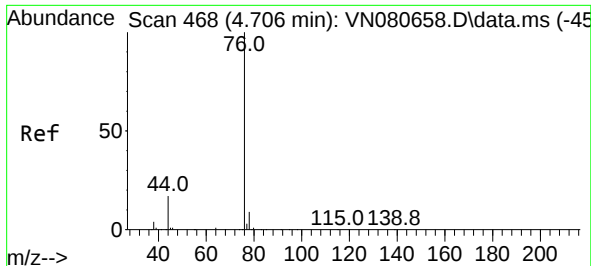


#16
Acetone
Concen: 51.029 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57



Tgt Ion: 43 Resp: 51829
Ion Ratio Lower Upper
43 100
58 27.9 28.0 42.0#





#17

Carbon Disulfide

Concen: 9.858 ug/l

RT: 4.712 min Scan# 4

Delta R.T. 0.006 min

Lab File: VN080660.D

Acq: 10 Jan 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 79308

Ion Ratio Lower Upper

76 100

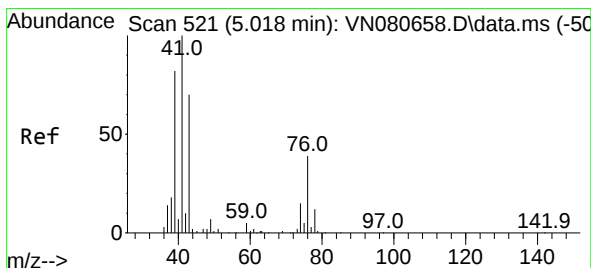
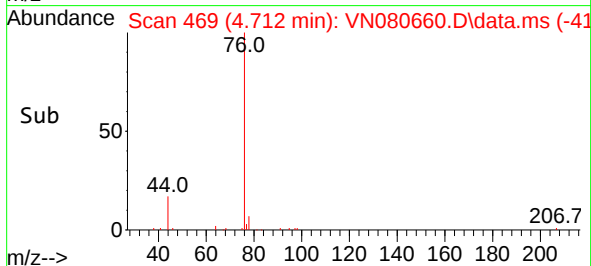
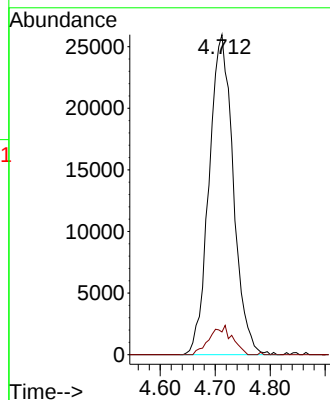
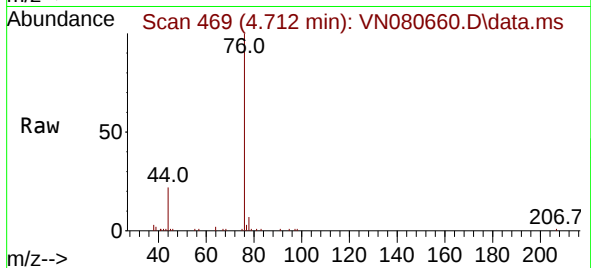
78 7.1 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#18

Methyl Acetate

Concen: 9.996 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN080660.D

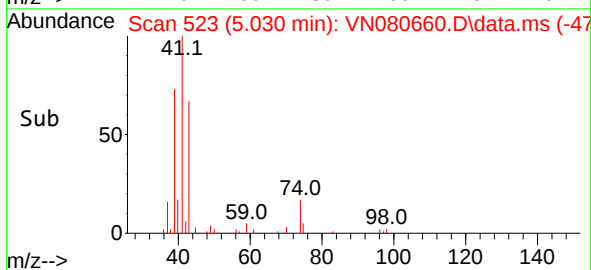
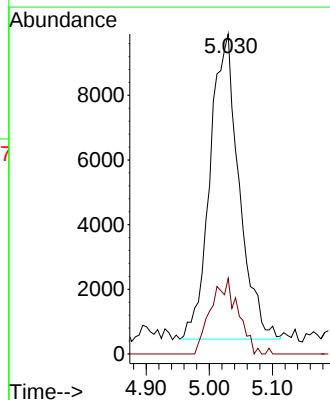
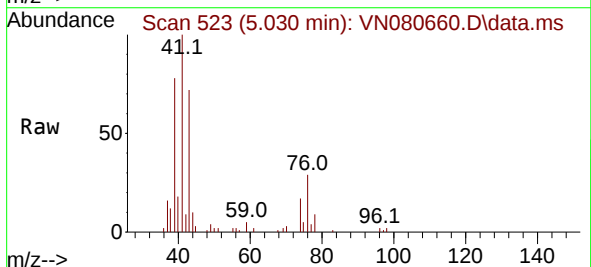
Acq: 10 Jan 2024 13:57

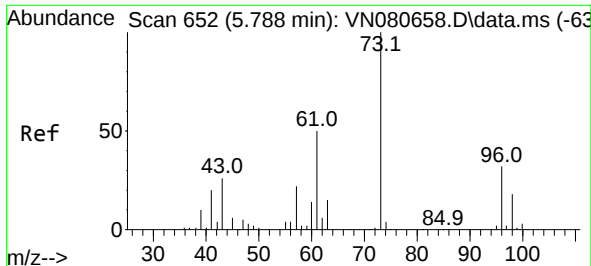
Tgt Ion: 43 Resp: 30232

Ion Ratio Lower Upper

43 100

74 23.1 26.2 39.4





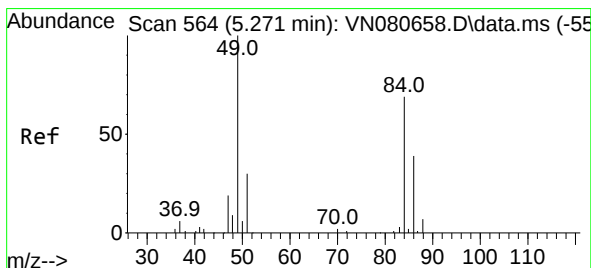
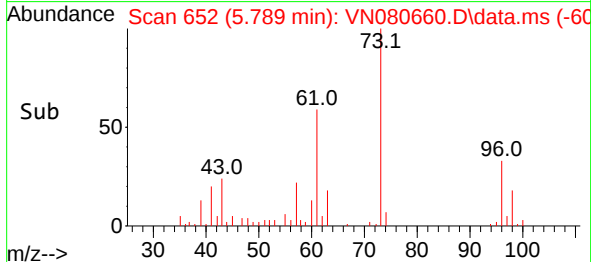
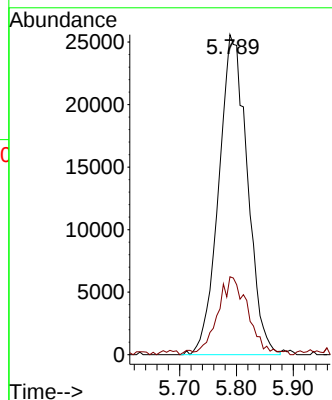
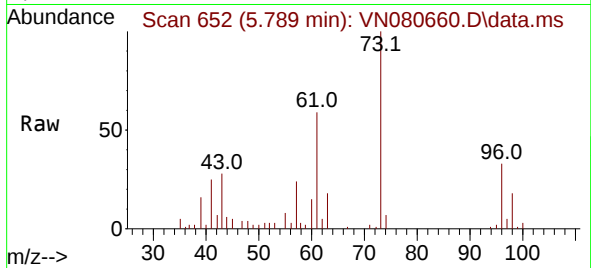
#19
Methyl tert-butyl Ether
Concen: 9.866 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 73 Resp: 8942
Ion Ratio Lower Upper
73 100
57 24.3 15.6 23.4

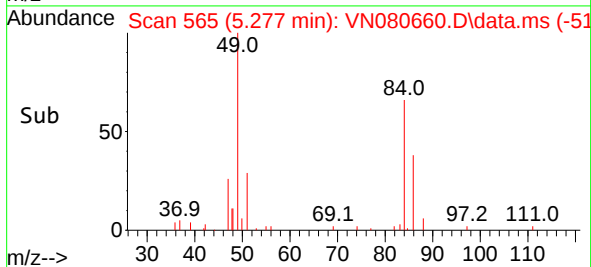
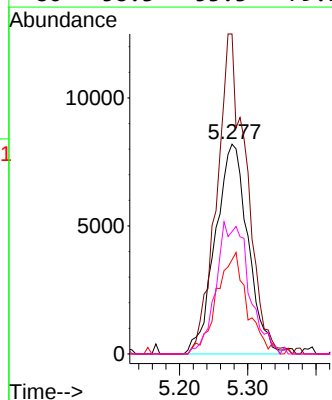
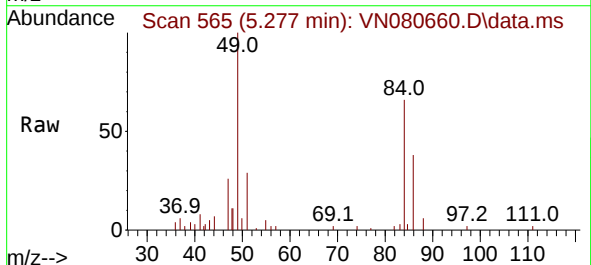
Manual Integrations
APPROVED

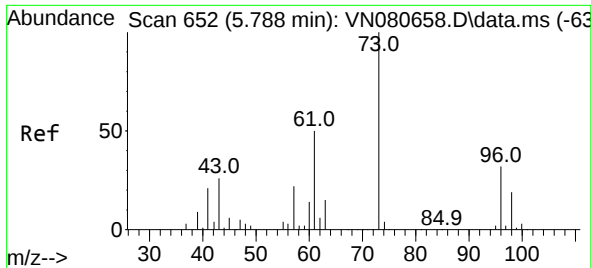
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#20
Methylene Chloride
Concen: 9.202 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

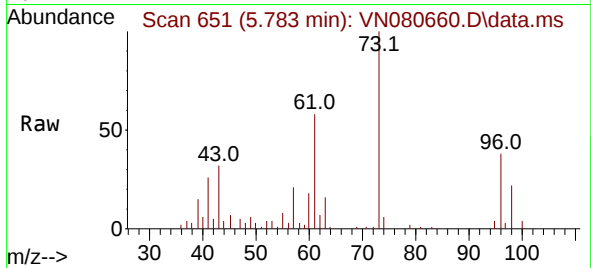
Tgt Ion: 84 Resp: 27284
Ion Ratio Lower Upper
84 100
49 152.5 79.7 119.5#
51 44.9 25.2 37.8#
86 58.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 9.850 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

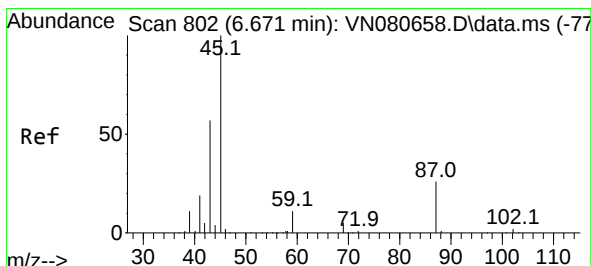
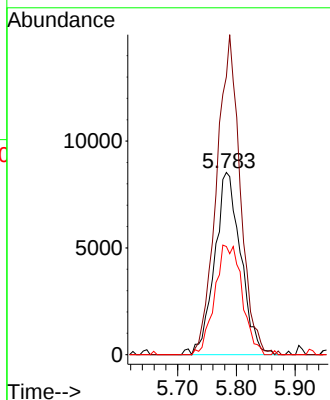
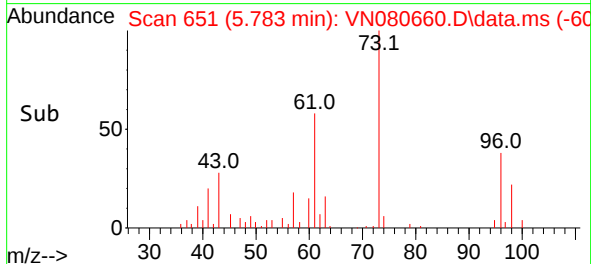
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010



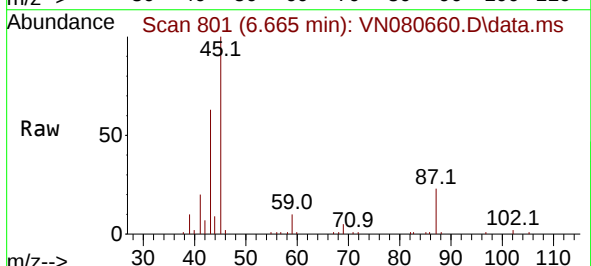
Tgt Ion: 96 Resp: 26278
Ion Ratio Lower Upper
96 100
61 152.5 90.1 135.1#
98 59.3 46.4 69.6

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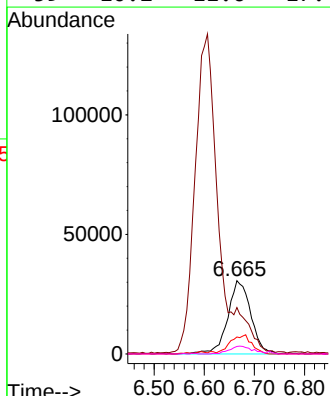
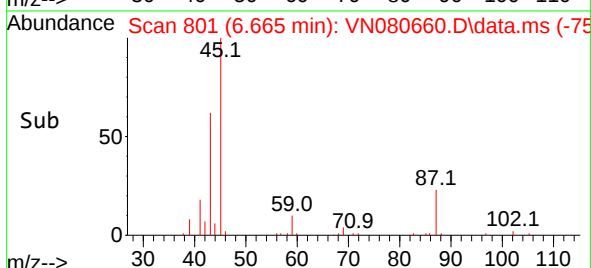
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

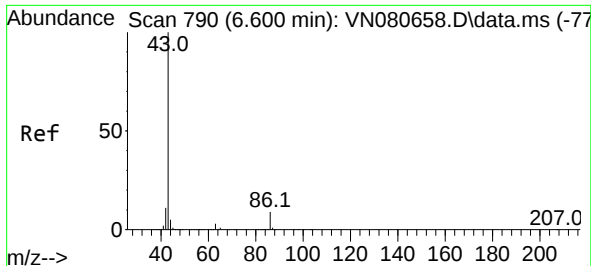


#22
Diisopropyl ether
Concen: 9.978 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57



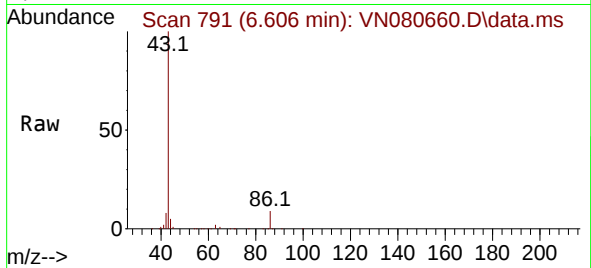
Tgt Ion: 45 Resp: 98106
Ion Ratio Lower Upper
45 100
43 60.3 45.5 68.3
87 23.2 31.8 47.8#
59 10.2 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 50.305 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN080660.D
 Acq: 10 Jan 2024 13:57

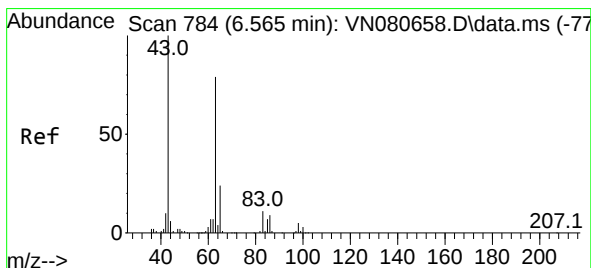
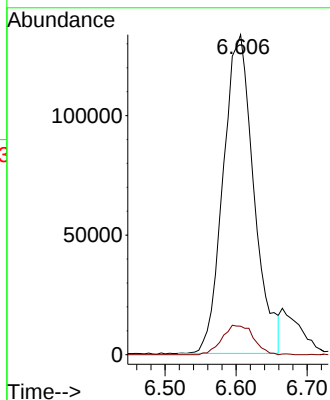
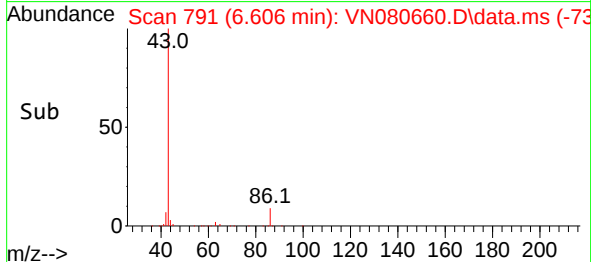
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



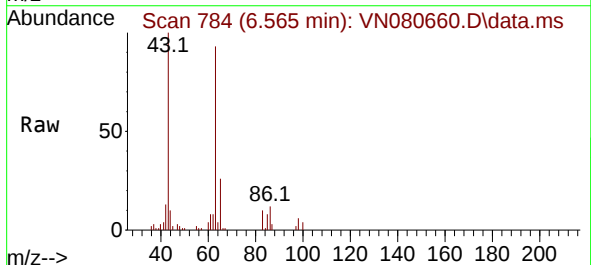
Tgt Ion: 43 Resp: 40025
 Ion Ratio Lower Upper
 43 100
 86 9.0 13.0 19.6

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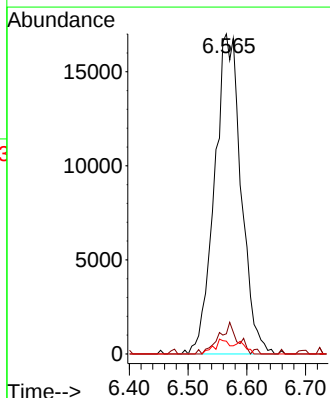
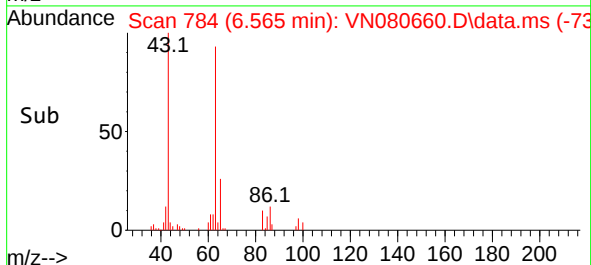
Reviewed By :John Carlone 01/11/2024
 Supervised By :Mahesh Dadoda 01/11/2024

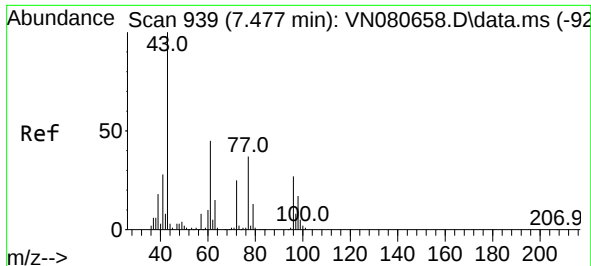


#24
 1,1-Dichloroethane
 Concen: 9.935 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080660.D
 Acq: 10 Jan 2024 13:57



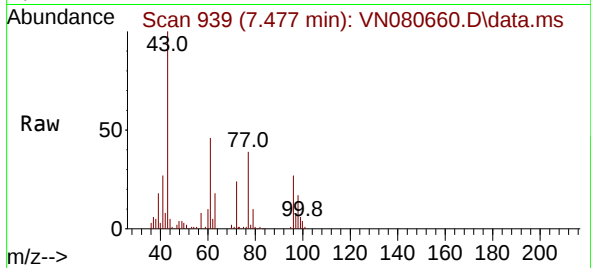
Tgt Ion: 63 Resp: 53468
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 4.0 2.5 7.4





#25
2-Butanone
Concen: 48.076 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

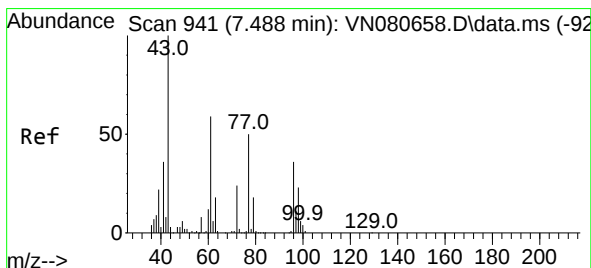
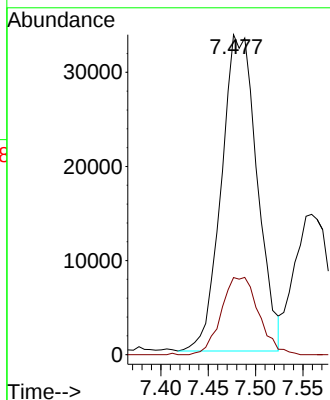
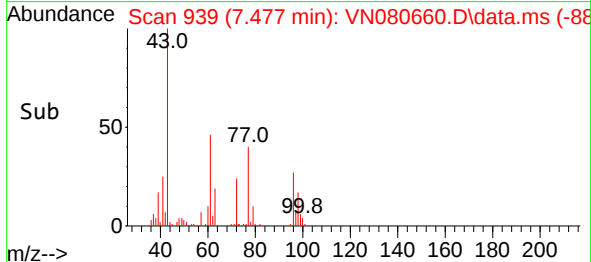
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



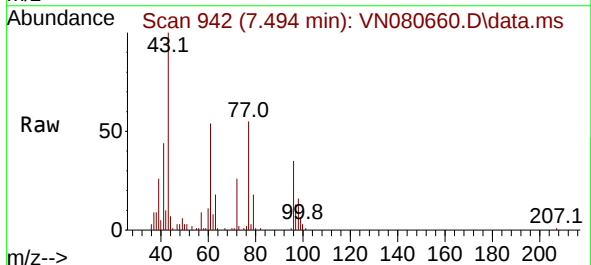
Tgt Ion: 43 Resp: 88264
Ion Ratio Lower Upper
43 100
72 24.4 30.2 45.2

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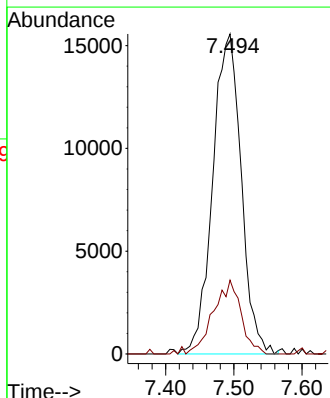
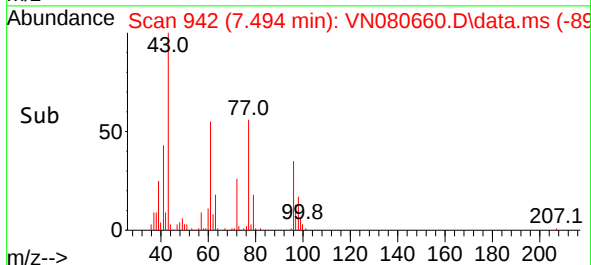
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

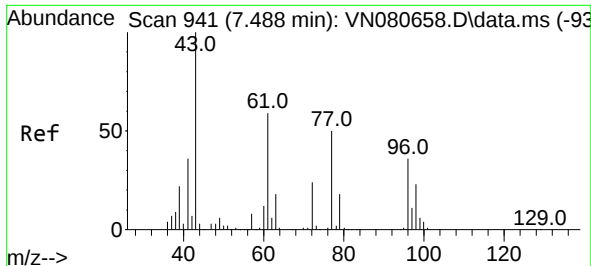


#26
2,2-Dichloropropane
Concen: 9.621 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57



Tgt Ion: 77 Resp: 45285
Ion Ratio Lower Upper
77 100
97 22.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 9.721 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN080660.D

Acq: 10 Jan 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

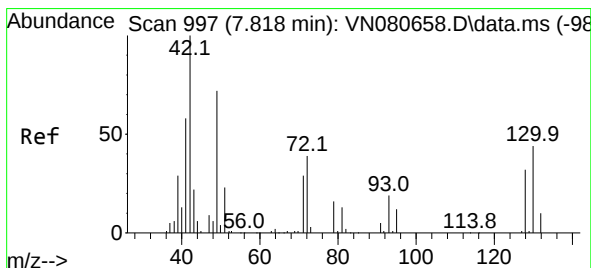
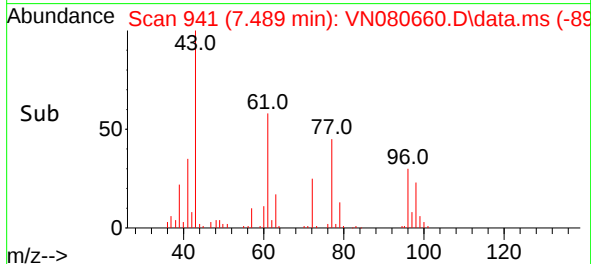
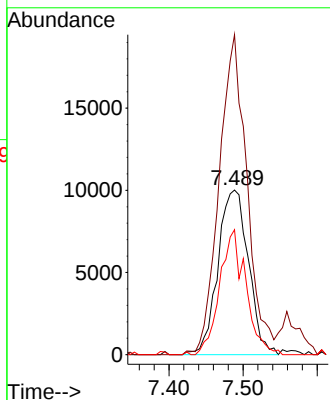
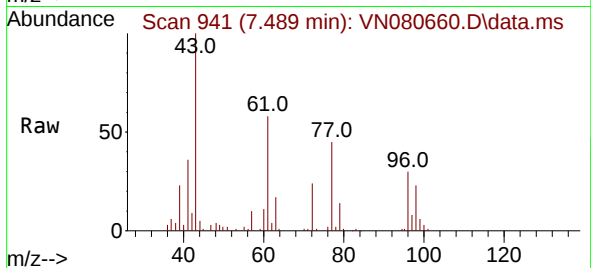
Tgt Ion: 96	Resp: 28590
Ion Ratio	Lower Upper
96 100	
61 177.5	0.0 255.2
98 65.3	0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#28

Bromochloromethane

Concen: 8.919 ug/l

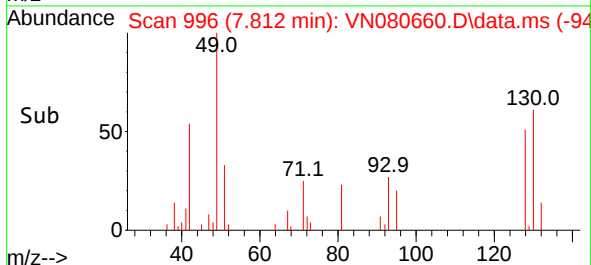
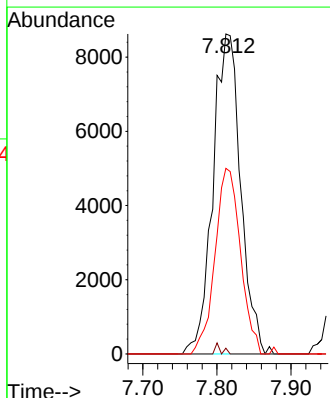
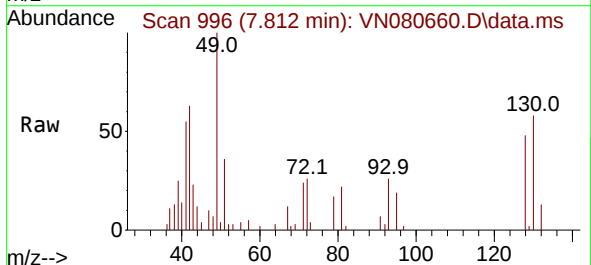
RT: 7.812 min Scan# 996

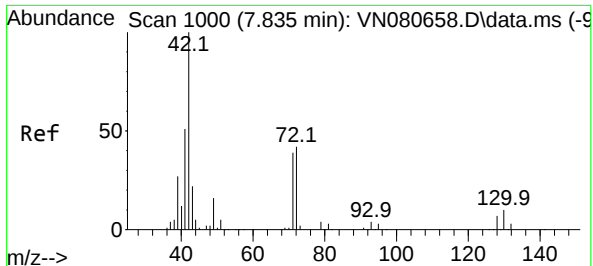
Delta R.T. -0.006 min

Lab File: VN080660.D

Acq: 10 Jan 2024 13:57

Tgt Ion: 49	Resp: 22441
Ion Ratio	Lower Upper
49 100	
129 0.7	0.0 4.8
130 53.2	75.3 112.9





#29

Tetrahydrofuran

Concen: 50.906 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080660.D

Acq: 10 Jan 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

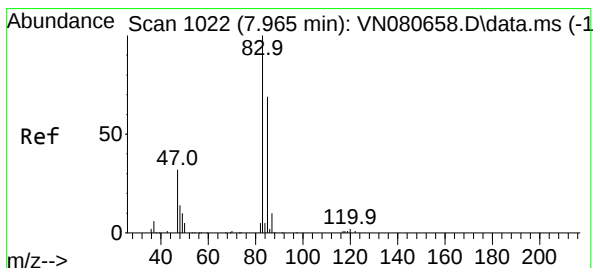
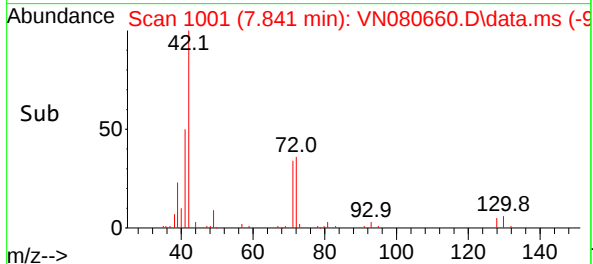
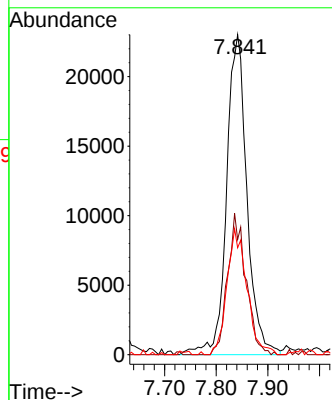
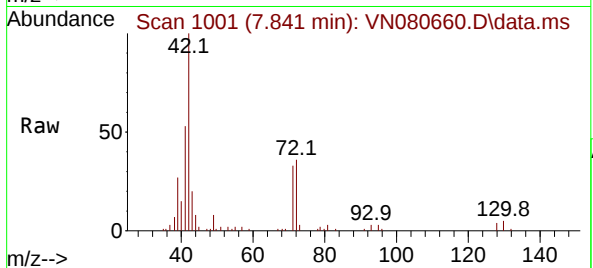
Tgt Ion:	42	Resp:	62994
Ion	Ratio	Lower	Upper
42	100		
72	39.9	49.8	74.6
71	38.5	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#30

Chloroform

Concen: 9.715 ug/l

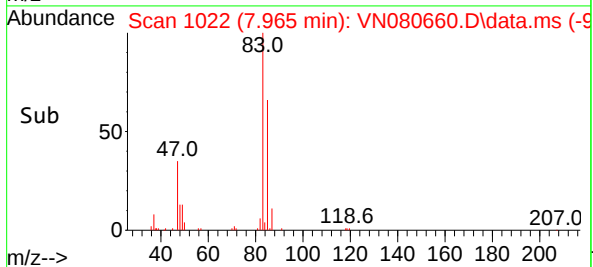
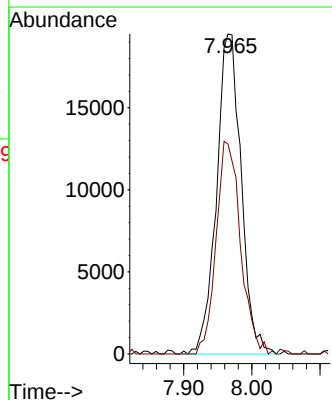
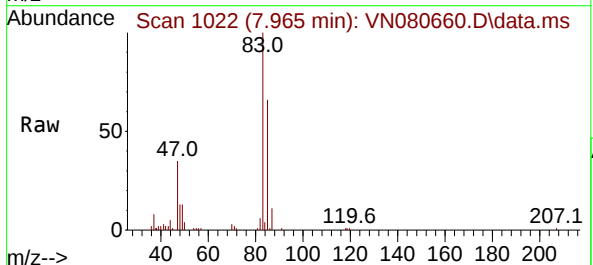
RT: 7.965 min Scan# 1022

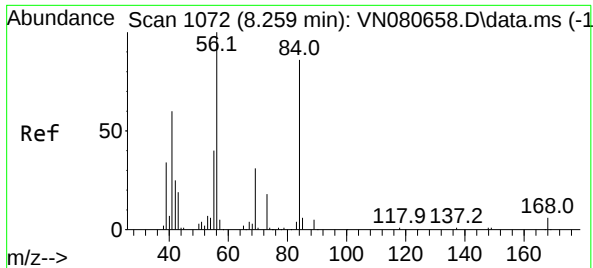
Delta R.T. 0.000 min

Lab File: VN080660.D

Acq: 10 Jan 2024 13:57

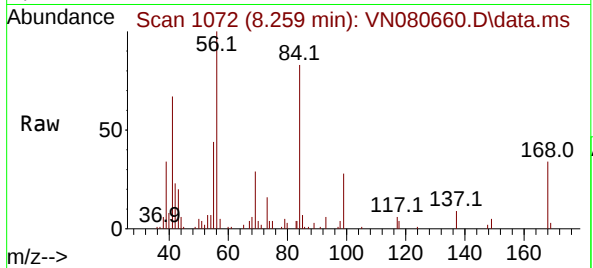
Tgt Ion:	83	Resp:	49015
Ion	Ratio	Lower	Upper
83	100		
85	65.5	55.4	83.0





#31
Cyclohexane
Concen: 9.607 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

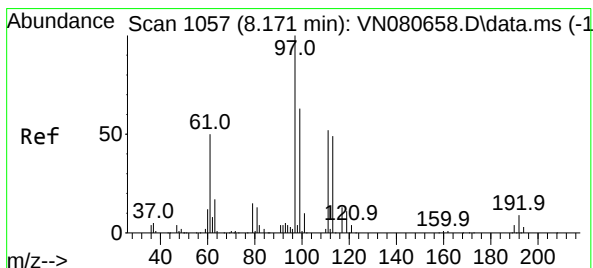
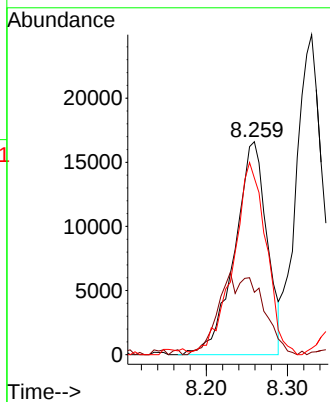
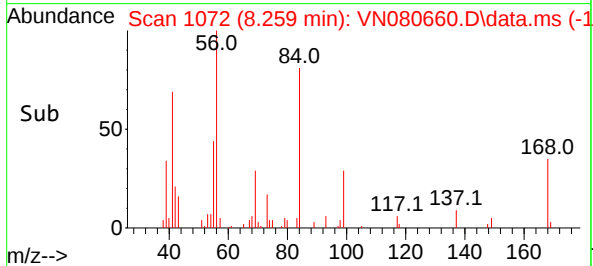
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



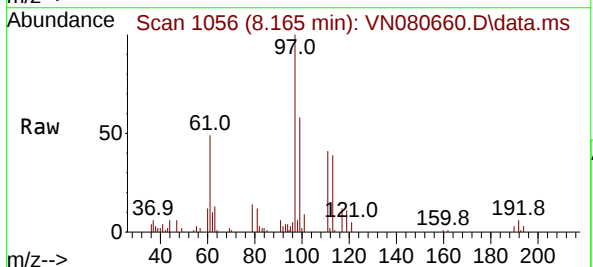
Tgt Ion: 56 Resp: 45918
Ion Ratio Lower Upper
56 100
69 27.0 26.8 40.2
84 81.1 81.8 122.6

Manual Integrations
APPROVED

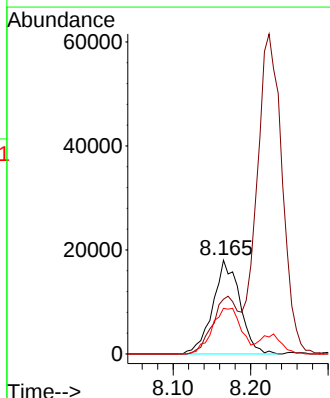
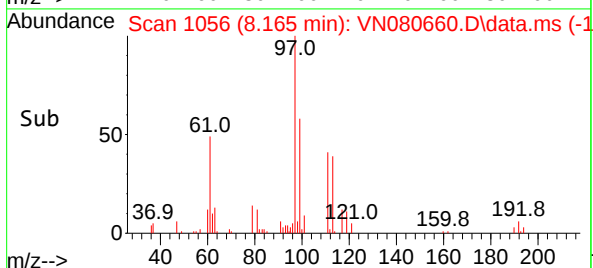
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

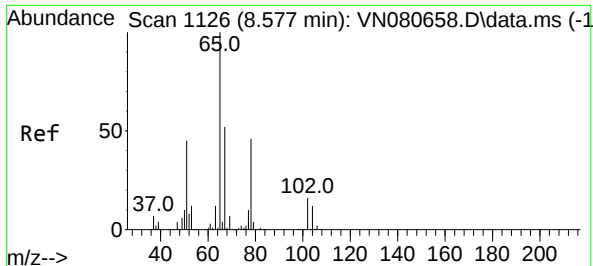


#32
1,1,1-Trichloroethane
Concen: 10.622 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57



Tgt Ion: 97 Resp: 43700
Ion Ratio Lower Upper
97 100
99 59.7 50.3 75.5
61 52.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 8.841 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080660.D

Acq: 10 Jan 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 2735

Ion Ratio Lower Upper

65 100

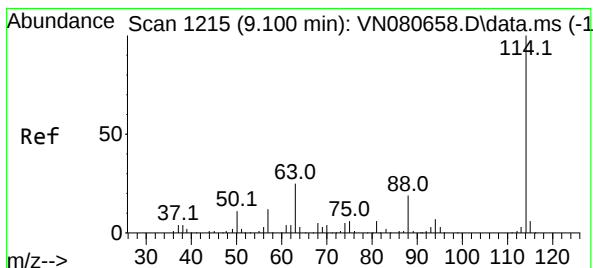
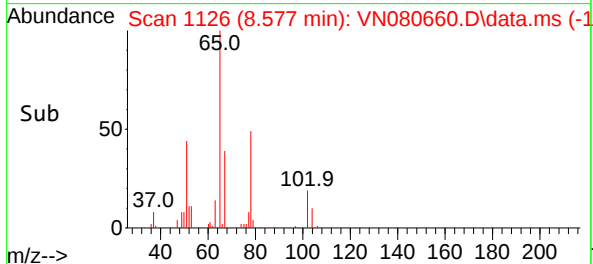
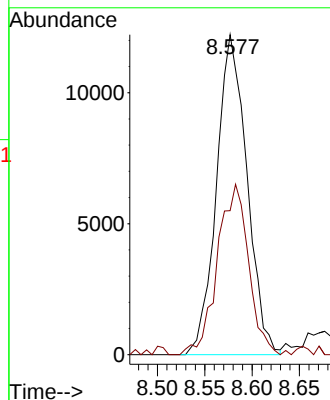
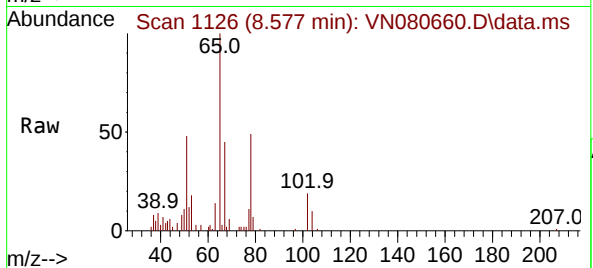
67 54.2 0.0 106.6

Manual Integrations

APPROVED

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: VN080660.D

Acq: 10 Jan 2024 13:57

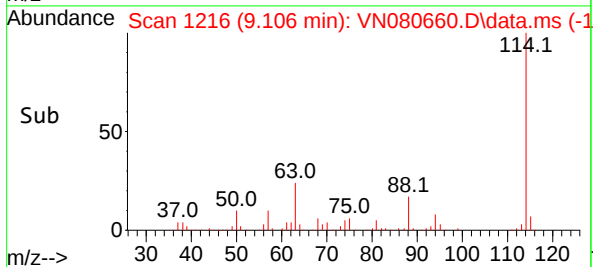
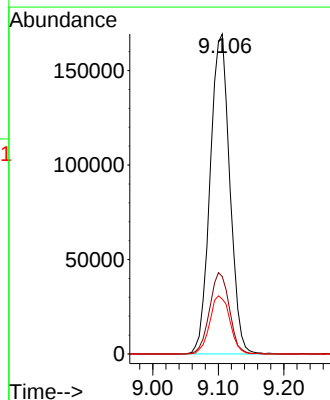
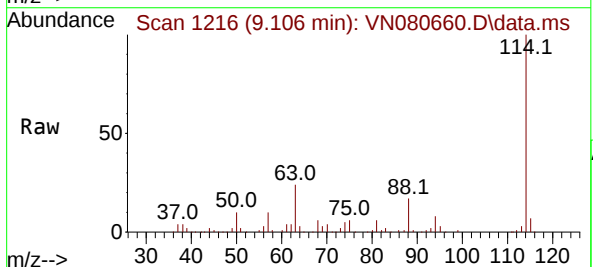
Tgt Ion:114 Resp: 351701

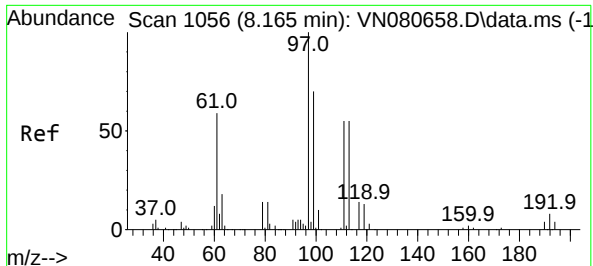
Ion Ratio Lower Upper

114 100

63 24.2 0.0 36.4

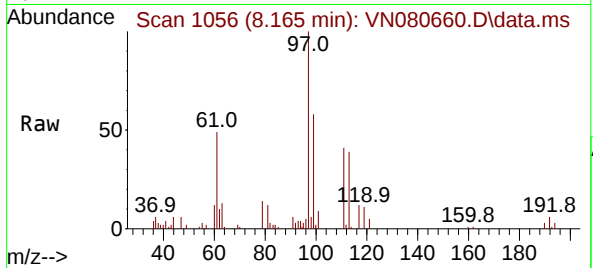
88 17.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 9.034 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

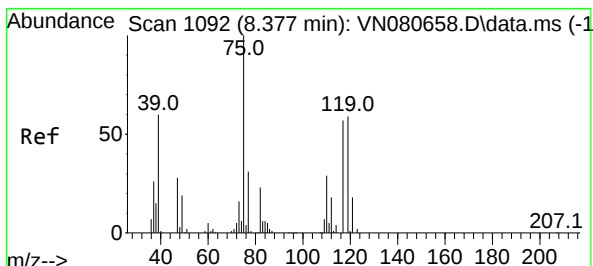
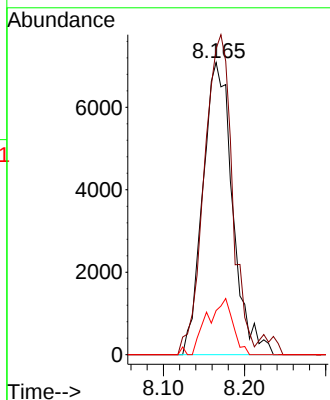
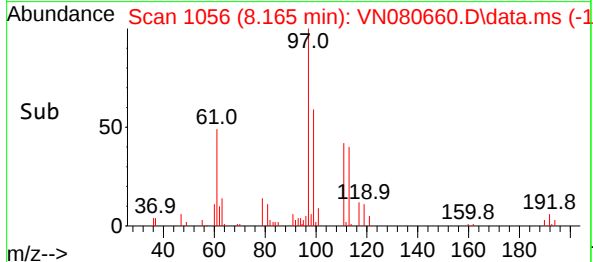
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



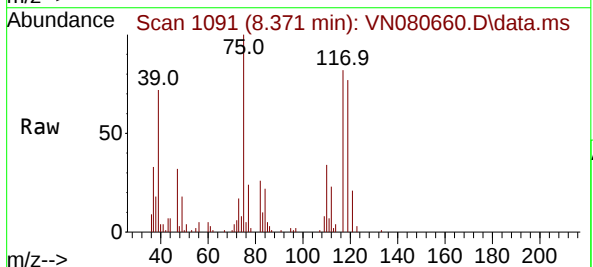
Tgt Ion: 113 Resp: 1805
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 16.5 12.7 19.1

Manual Integrations
APPROVED

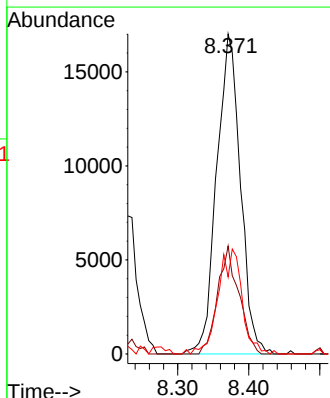
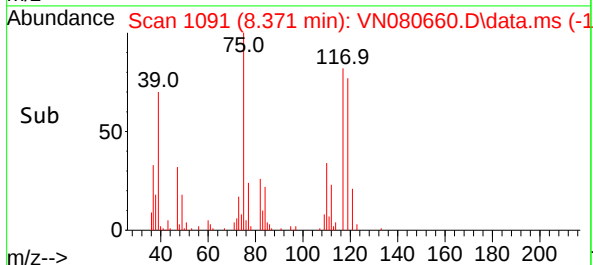
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

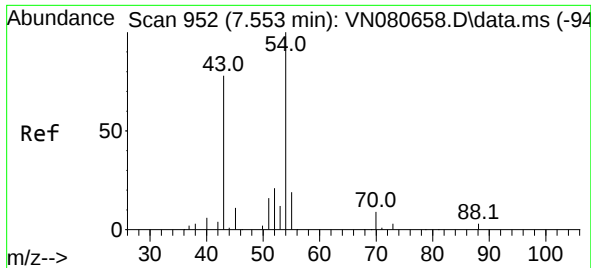


#36
1,1-Dichloropropene
Concen: 9.648 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57



Tgt Ion: 75 Resp: 39491
Ion Ratio Lower Upper
75 100
110 30.2 19.1 57.3
77 33.0 25.0 37.4





#37

Ethyl Acetate

Concen: 9.705 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080660.D

Acq: 10 Jan 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

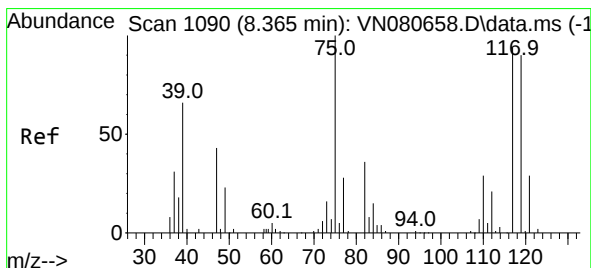
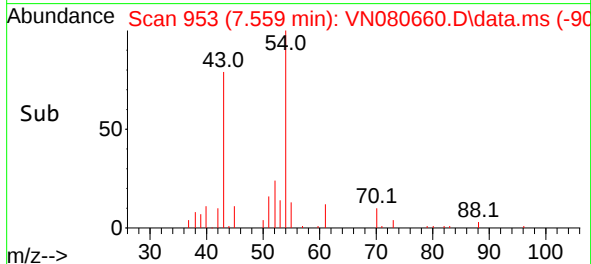
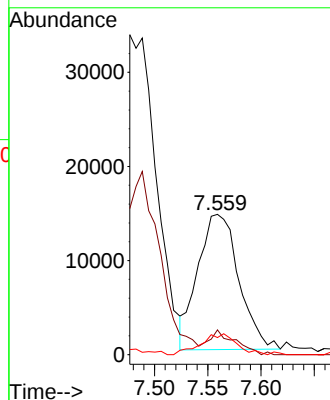
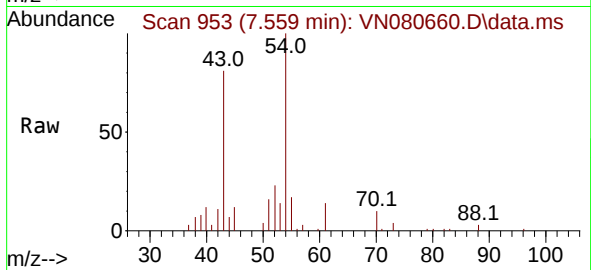
Tgt Ion: 43	Resp: 3852
Ion Ratio	Lower Upper
43 100	
61 11.9	13.2 19.8
70 13.5	11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#38

Carbon Tetrachloride

Concen: 9.486 ug/l

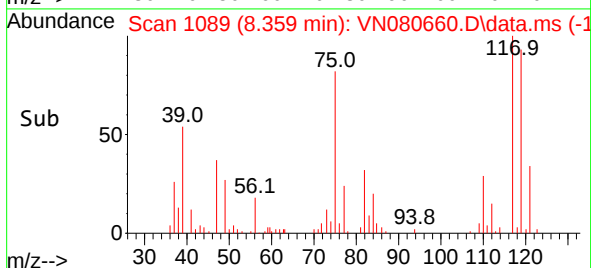
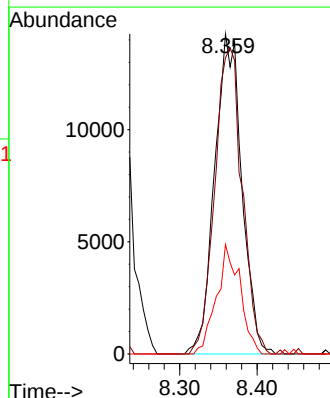
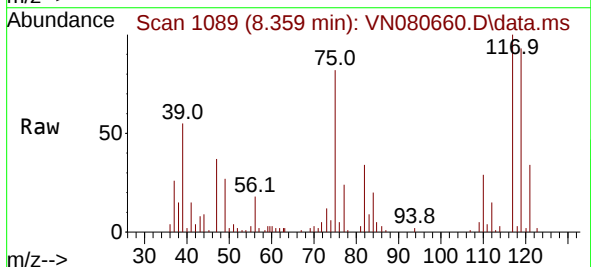
RT: 8.359 min Scan# 1089

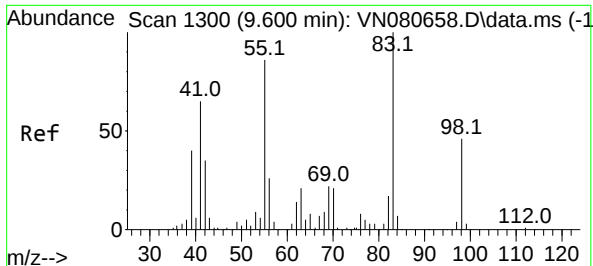
Delta R.T. -0.006 min

Lab File: VN080660.D

Acq: 10 Jan 2024 13:57

Tgt Ion: 117	Resp: 34864
Ion Ratio	Lower Upper
117 100	
119 92.5	77.3 115.9
121 34.2	23.3 34.9





#39

Methylcyclohexane

Concen: 9.286 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080660.D

Acq: 10 Jan 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 83 Resp: 3637

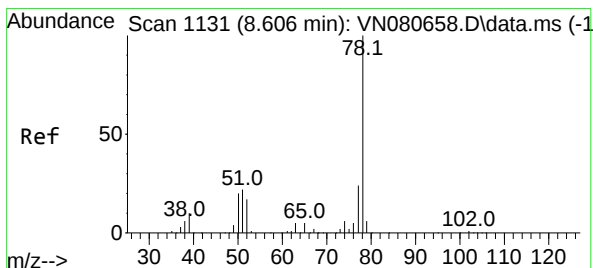
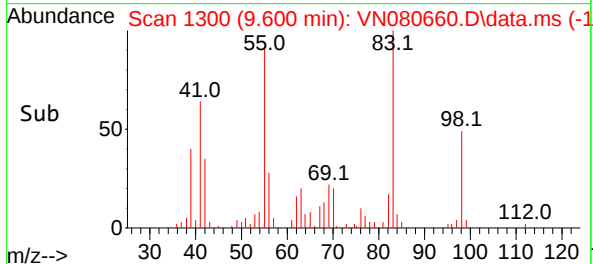
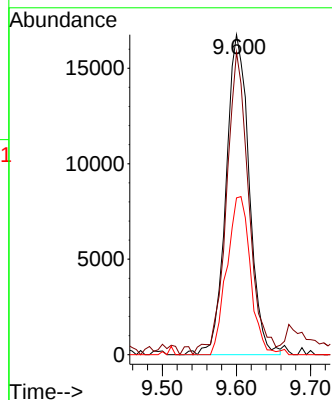
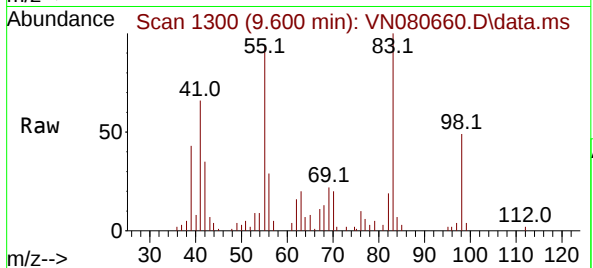
Ion	Ratio	Lower	Upper
83	100		
55	94.5	49.1	73.7
98	49.0	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#40

Benzene

Concen: 9.791 ug/l

RT: 8.606 min Scan# 1131

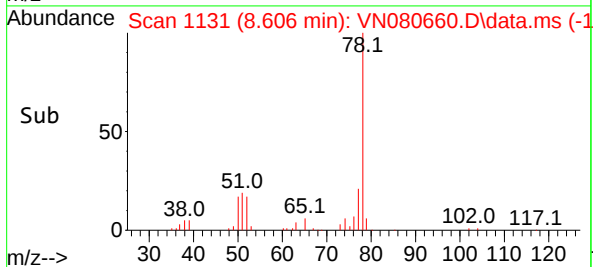
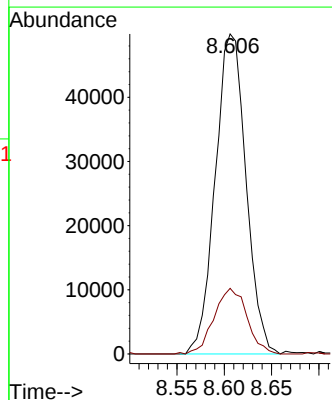
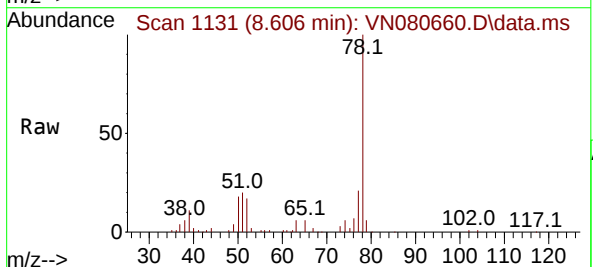
Delta R.T. 0.000 min

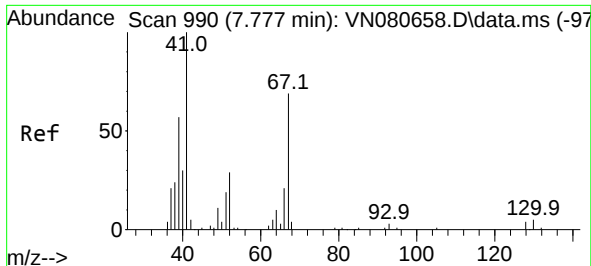
Lab File: VN080660.D

Acq: 10 Jan 2024 13:57

Tgt Ion: 78 Resp: 112671

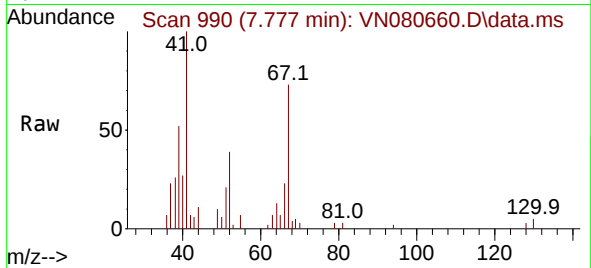
Ion	Ratio	Lower	Upper
78	100		
77	20.5	19.0	28.6





#41
Methacrylonitrile
Concen: 10.129 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

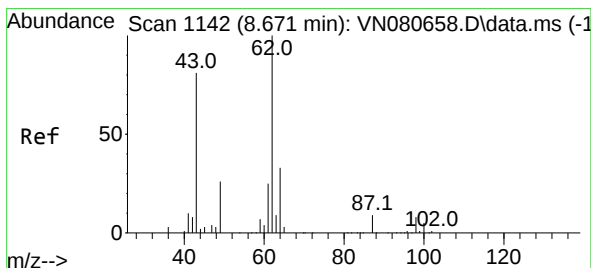
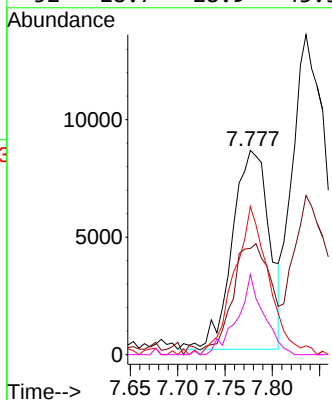
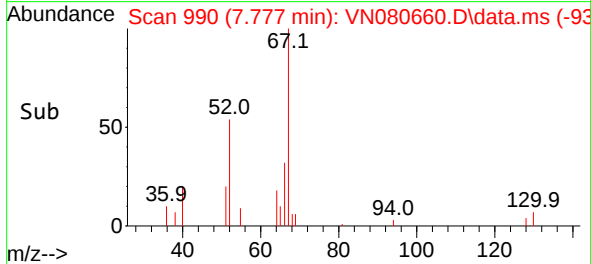
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 41	Resp: 23069
Ion Ratio	Lower Upper
41 100	
39 55.2	42.6 64.0
67 70.0	77.5 116.3
52 28.7	28.9 43.3

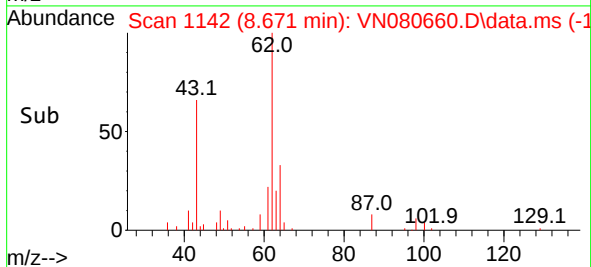
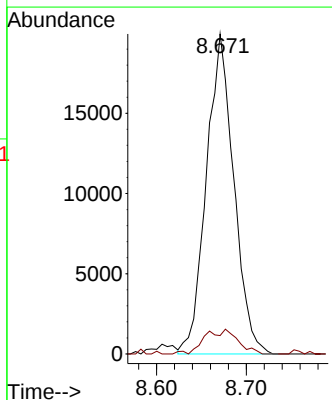
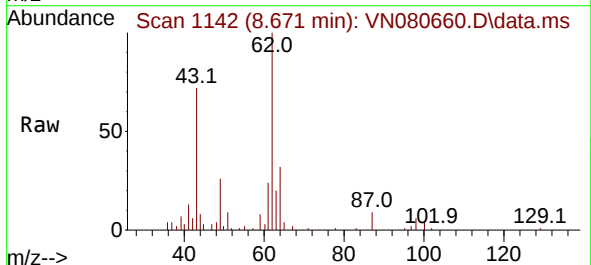
Manual Integrations
APPROVED

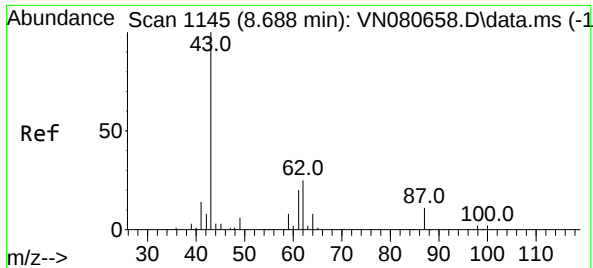
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#42
1,2-Dichloroethane
Concen: 9.636 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

Tgt Ion: 62	Resp: 42449
Ion Ratio	Lower Upper
62 100	
98 5.0	0.0 19.8





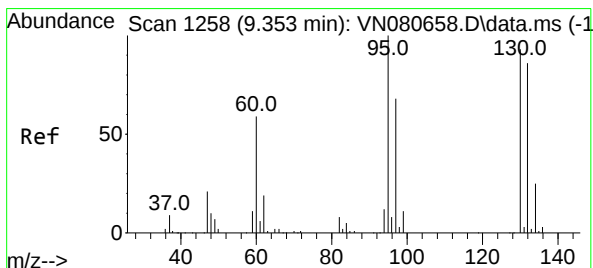
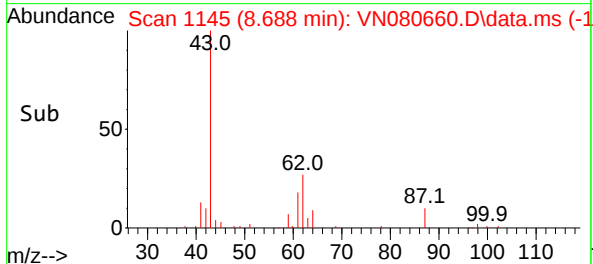
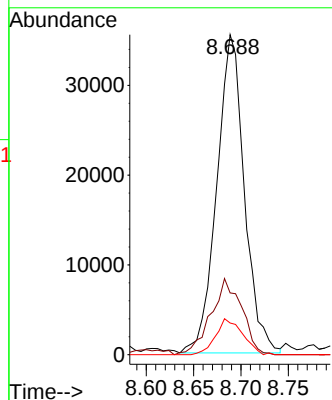
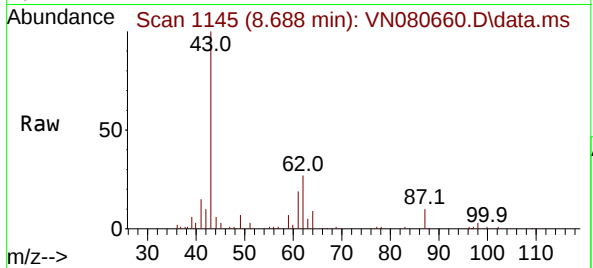
#43
Isopropyl Acetate
Concen: 9.851 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 71878
Ion Ratio Lower Upper
43 100
61 26.6 24.7 37.1
87 11.1 14.6 21.8

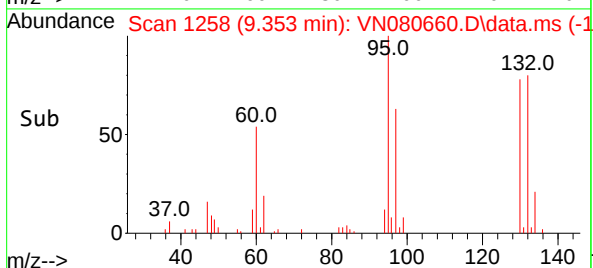
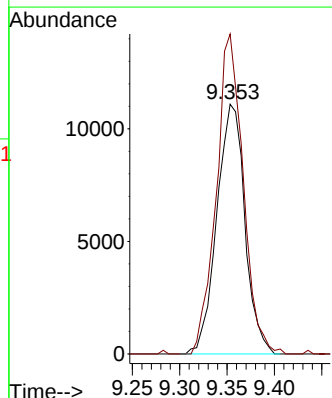
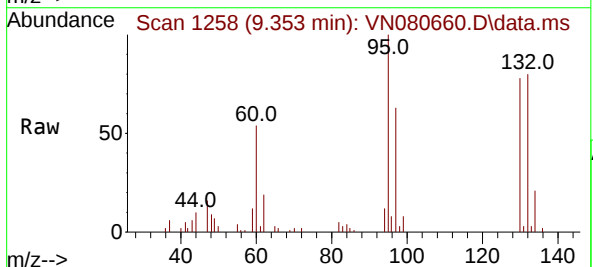
Manual Integrations
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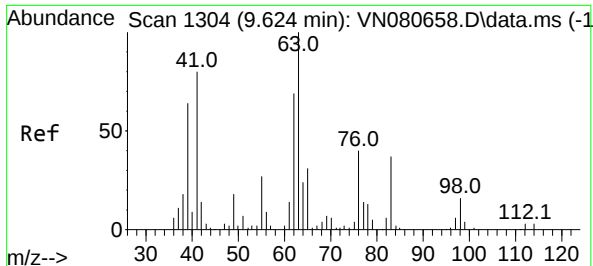
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#44
Trichloroethene
Concen: 8.776 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

Tgt Ion:130 Resp: 22863
Ion Ratio Lower Upper
130 100
95 128.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 9.743 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080660.D

Acq: 10 Jan 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 2972

Ion Ratio Lower Upper

63 100

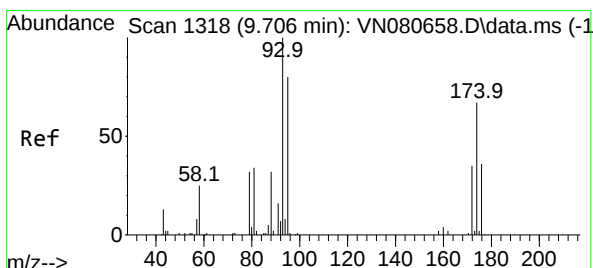
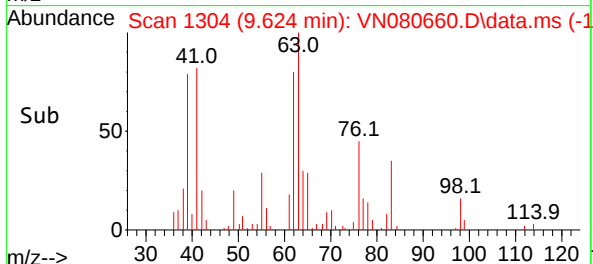
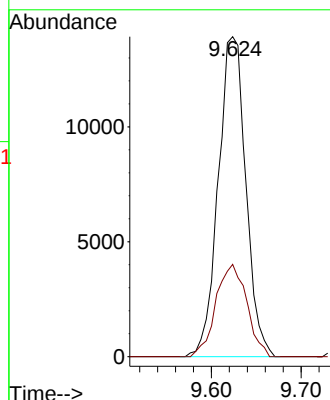
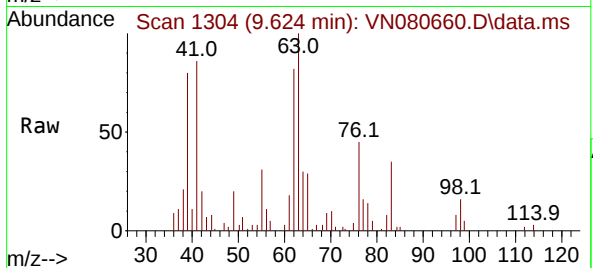
65 28.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#46

Dibromomethane

Concen: 9.715 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN080660.D

Acq: 10 Jan 2024 13:57

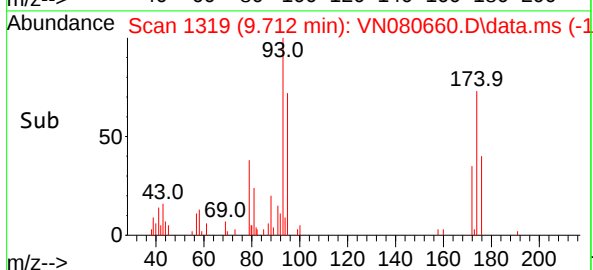
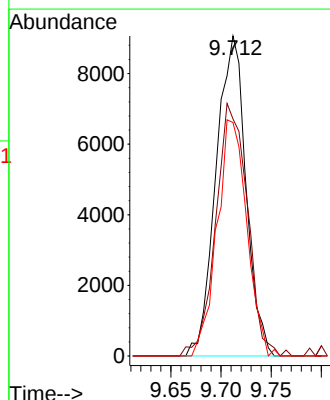
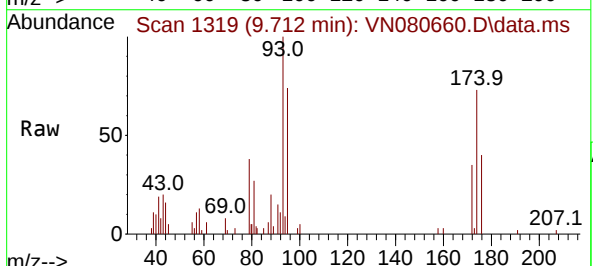
Tgt Ion: 93 Resp: 18752

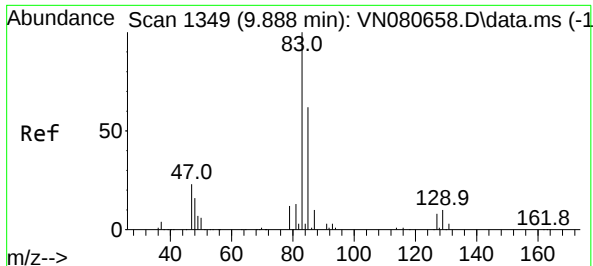
Ion Ratio Lower Upper

93 100

95 83.6 63.8 95.8

174 73.6 65.6 98.4





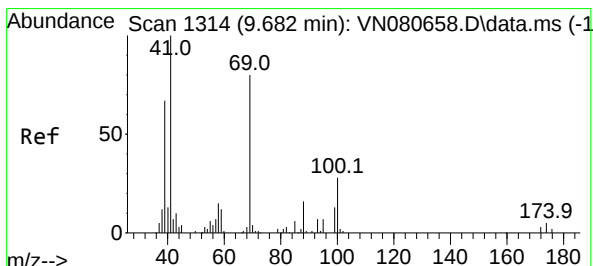
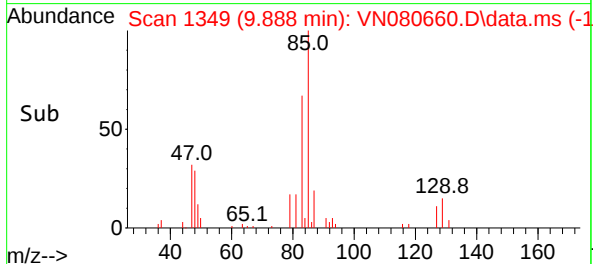
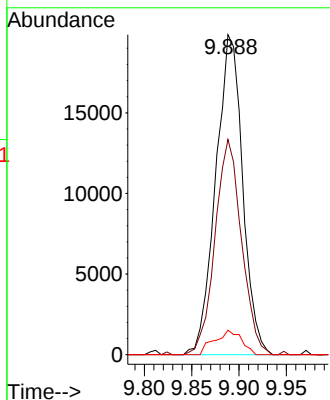
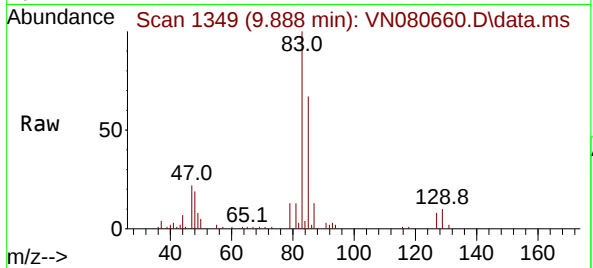
#47
Bromodichloromethane
Concen: 9.144 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 3917
Ion Ratio Lower Upper
83 100
85 67.3 49.6 74.4
127 7.7 7.0 10.6

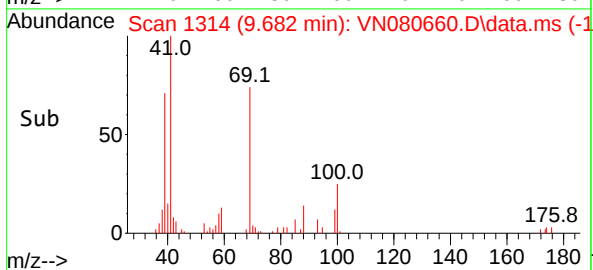
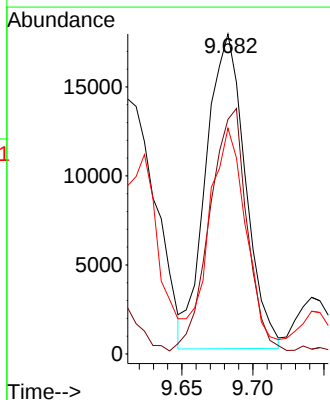
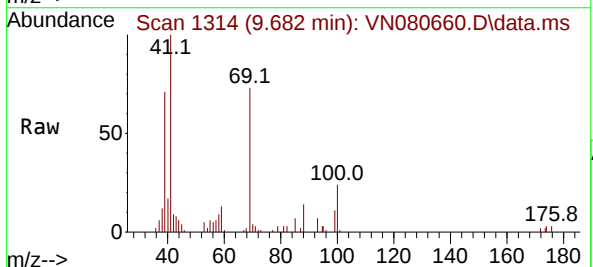
Manual Integrations
APPROVED

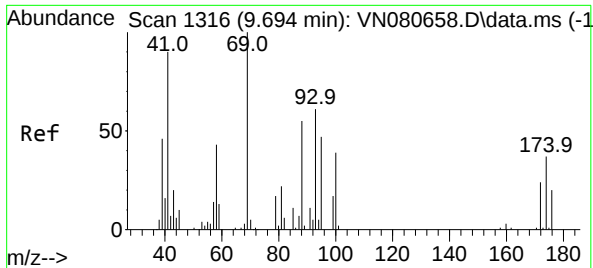
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#48
Methyl methacrylate
Concen: 9.874 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

Tgt Ion: 41 Resp: 34107
Ion Ratio Lower Upper
41 100
69 73.6 90.4 135.6#
39 66.2 54.6 81.8





#49

1,4-Dioxane

Concen: 180.199 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080660.D

Acq: 10 Jan 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 88 Resp: 7750

Ion Ratio Lower Upper

88 100

43 39.0 17.0 25.6

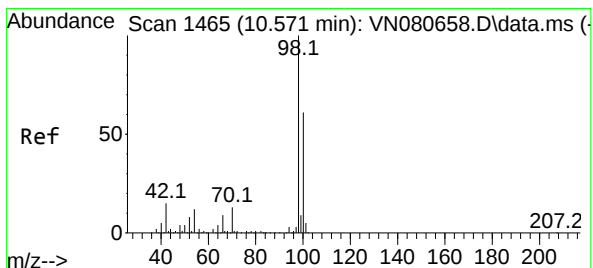
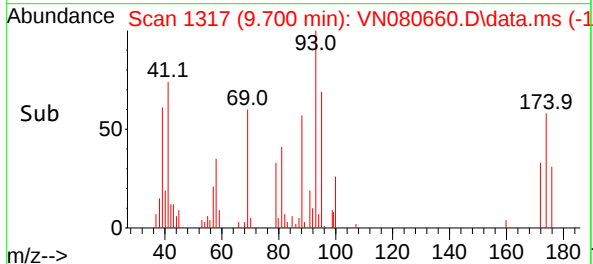
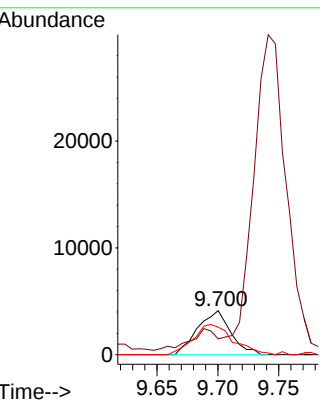
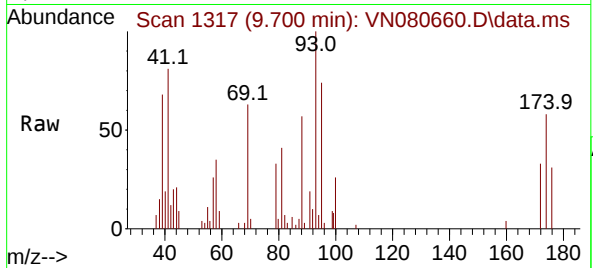
58 82.5 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#50

Toluene-d8

Concen: 8.673 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN080660.D

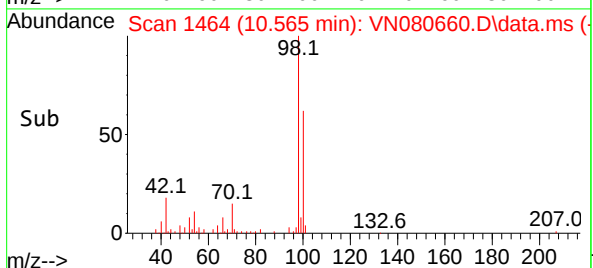
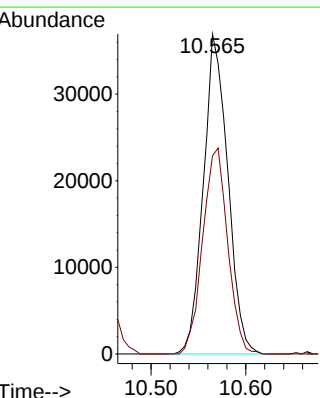
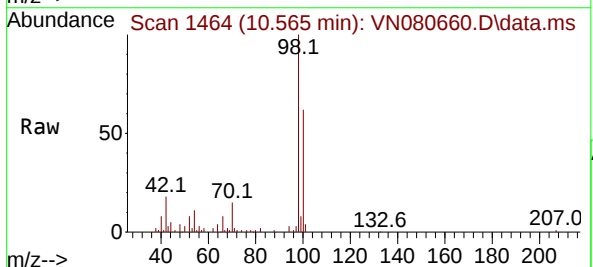
Acq: 10 Jan 2024 13:57

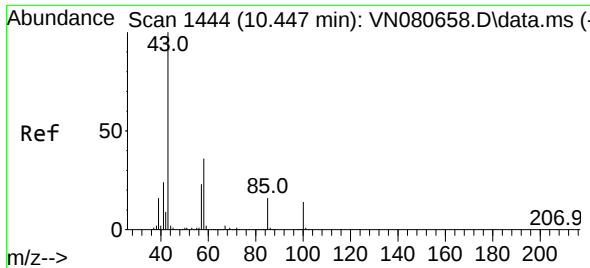
Tgt Ion: 98 Resp: 66085

Ion Ratio Lower Upper

98 100

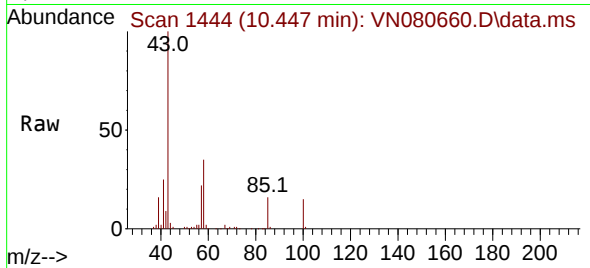
100 66.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 48.748 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

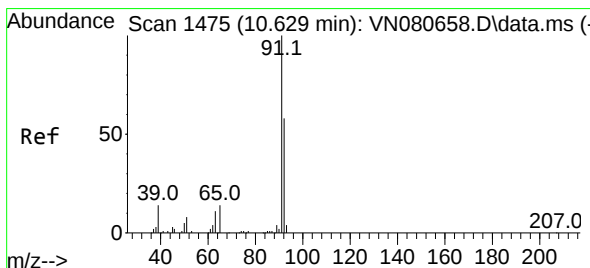
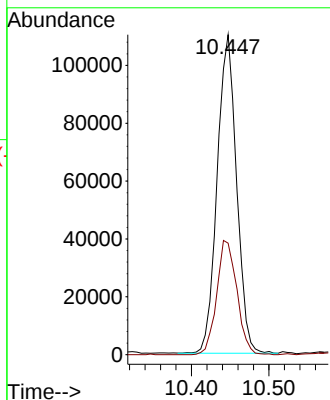
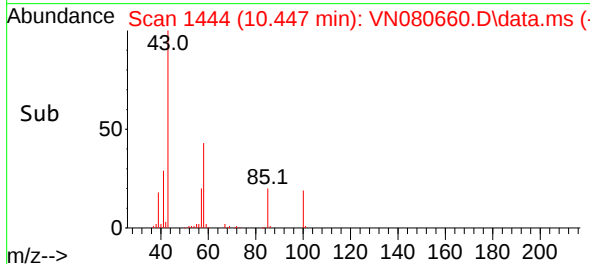
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 191880
Ion Ratio Lower Upper
43 100
58 37.3 36.6 54.8

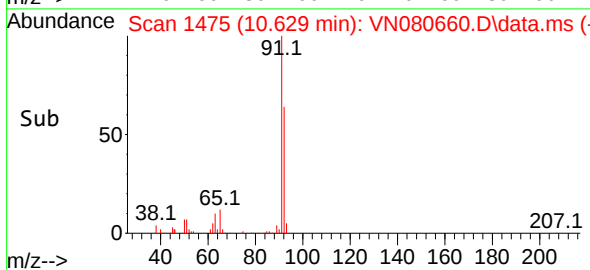
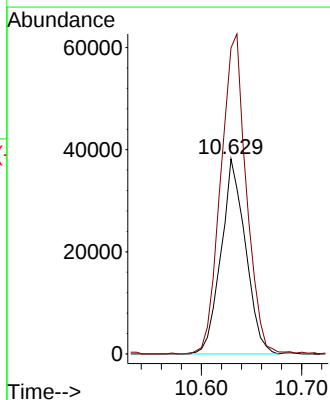
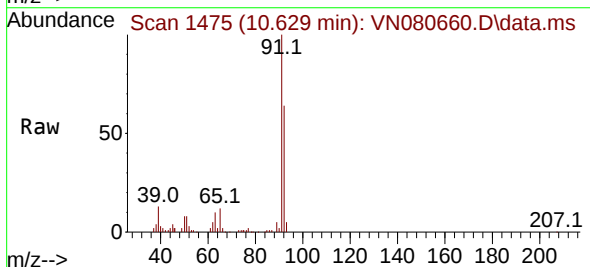
Manual Integrations
APPROVED

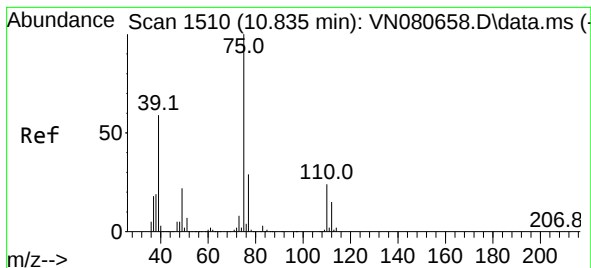
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#52
Toluene
Concen: 9.789 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

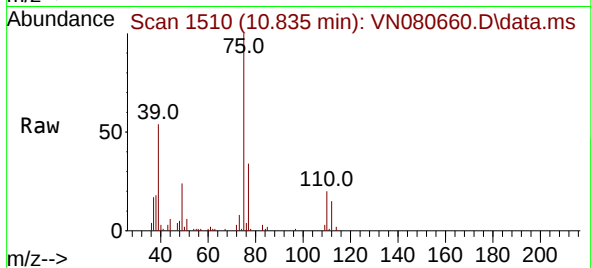
Tgt Ion: 92 Resp: 64536
Ion Ratio Lower Upper
92 100
91 172.1 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 9.388 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

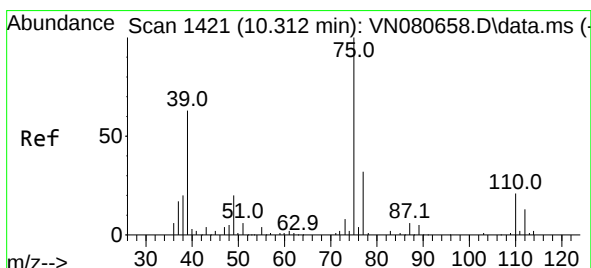
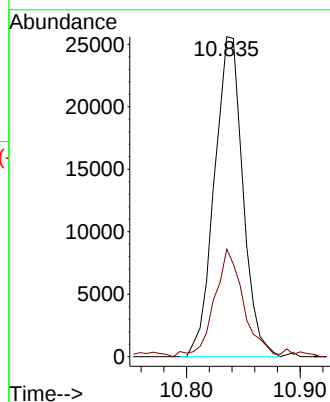
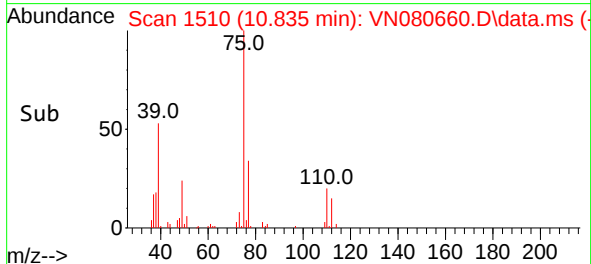
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 4464
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0

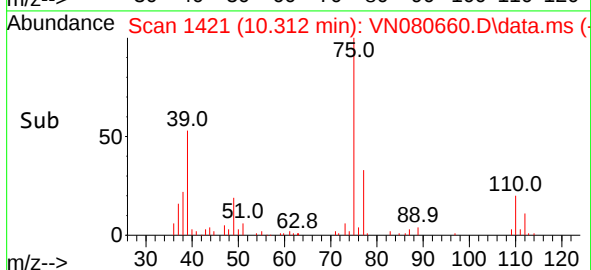
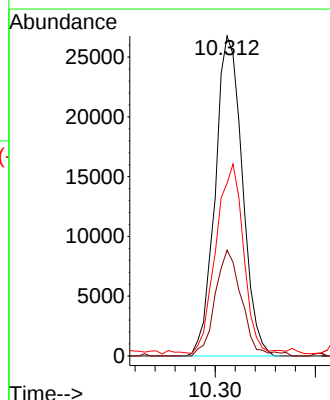
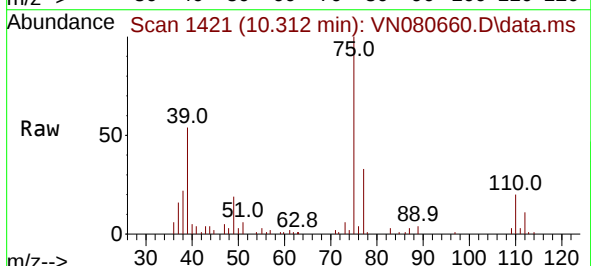
Manual Integrations
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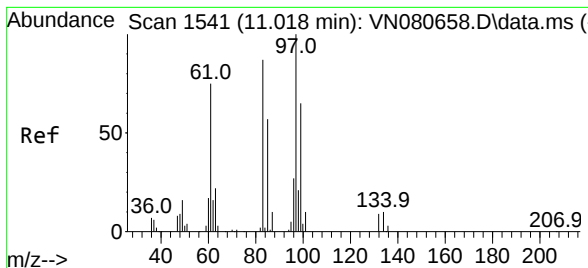
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#54
cis-1,3-Dichloropropene
Concen: 9.972 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

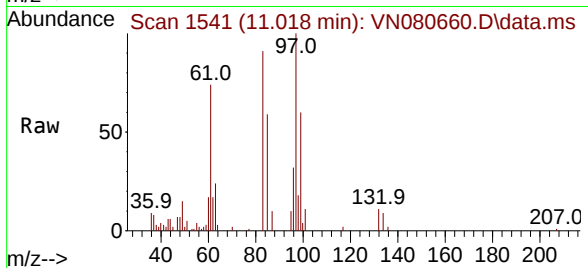
Tgt Ion: 75 Resp: 50284
Ion Ratio Lower Upper
75 100
77 33.0 26.1 39.1
39 52.8 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 9.922 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

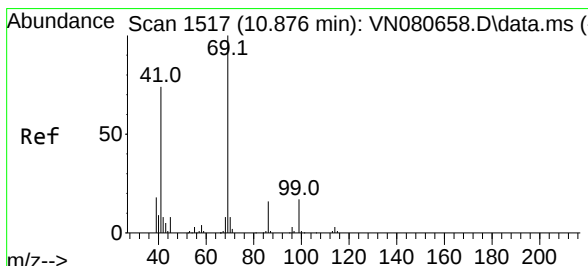
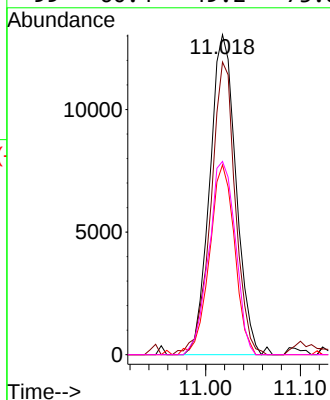
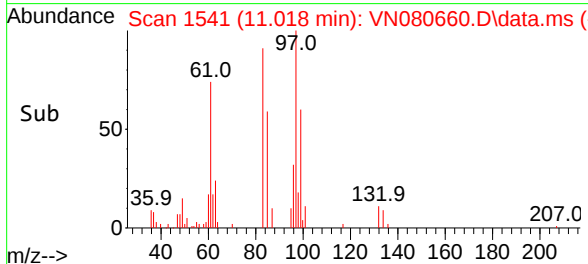
Instrument : MSVOA_N
ClientSampleId : VSTDIC010



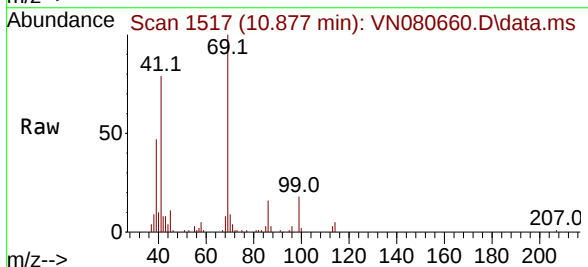
Tgt Ion: 97	Resp: 25180
Ion Ratio	Lower Upper
97 100	
83 91.4	65.1 97.7
85 59.3	43.4 65.2
99 60.4	49.2 73.8

Manual Integrations
APPROVED

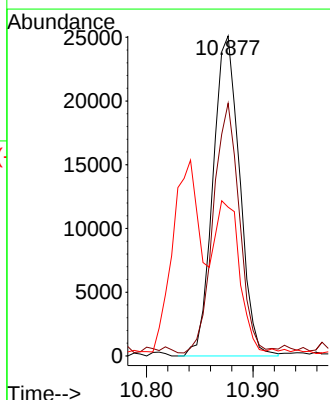
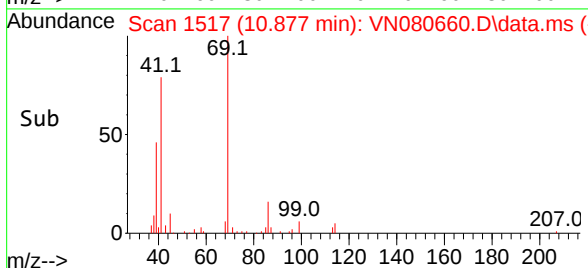
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

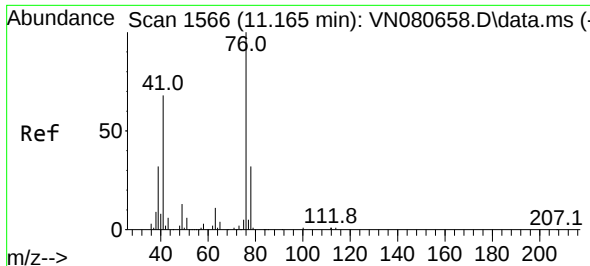


#56
Ethyl methacrylate
Concen: 9.612 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57



Tgt Ion: 69	Resp: 43691
Ion Ratio	Lower Upper
69 100	
41 76.4	39.6 59.4#
39 42.4	28.6 43.0





#57

1,3-Dichloropropane

Concen: 9.835 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080660.D

Acq: 10 Jan 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 4556

Ion Ratio Lower Upper

76 100

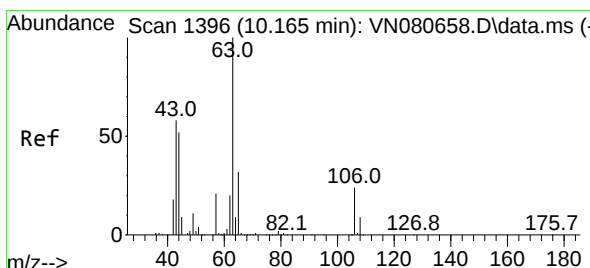
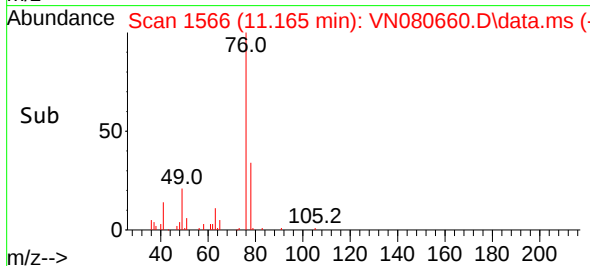
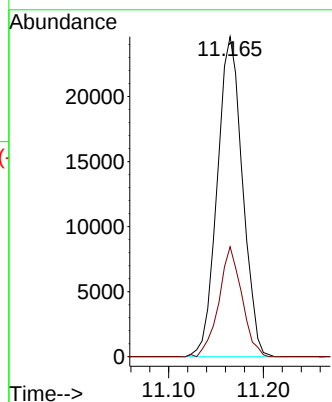
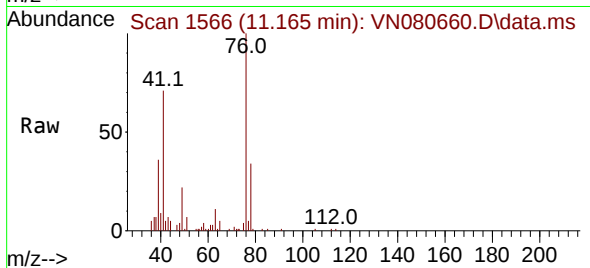
78 31.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#58

2-Chloroethyl Vinyl ether

Concen: 50.161 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN080660.D

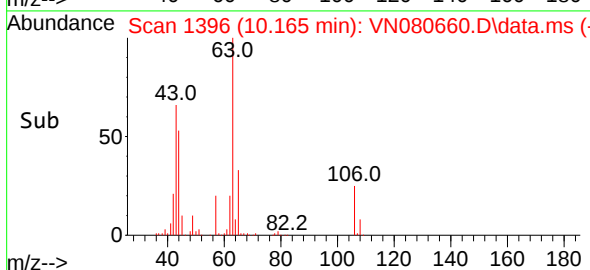
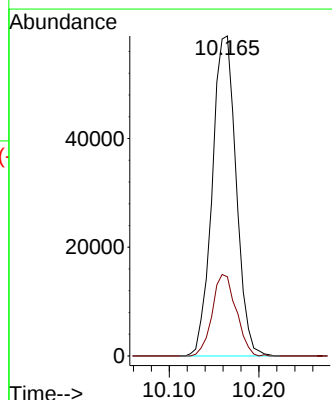
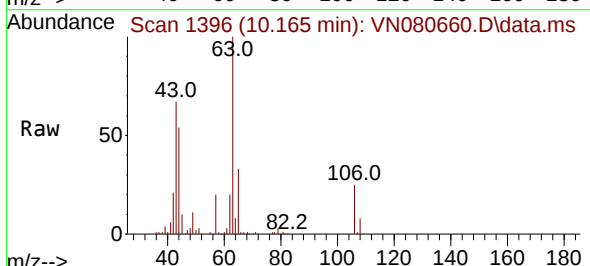
Acq: 10 Jan 2024 13:57

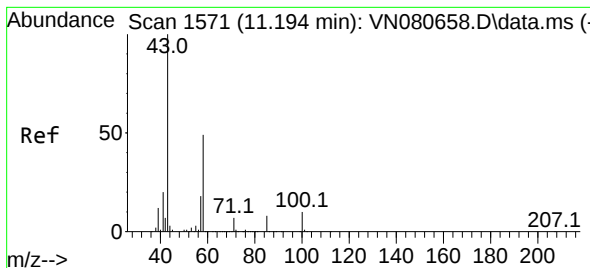
Tgt Ion: 63 Resp: 109203

Ion Ratio Lower Upper

63 100

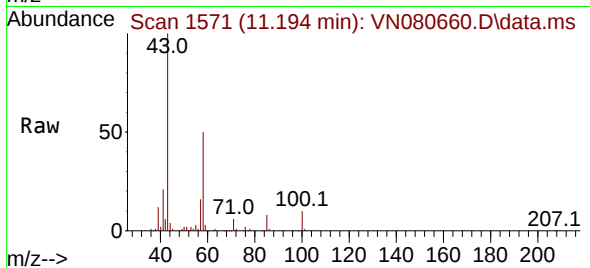
106 25.4 26.2 39.4#





#59
2-Hexanone
Concen: 48.823 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

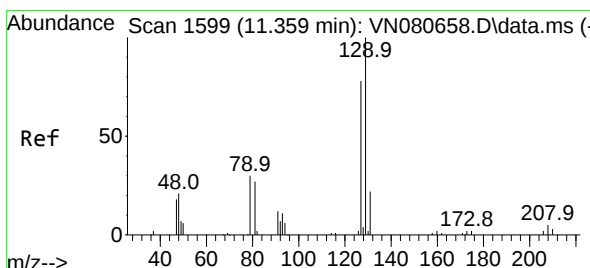
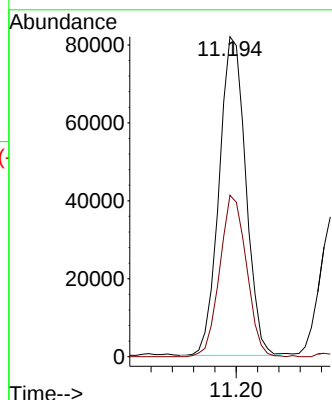
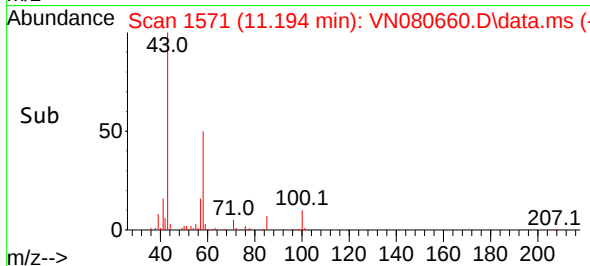
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 14186
Ion Ratio Lower Upper
43 100
58 50.7 31.7 95.1

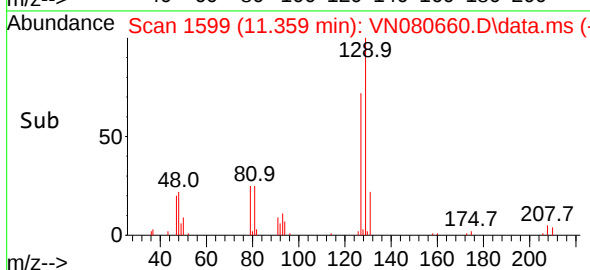
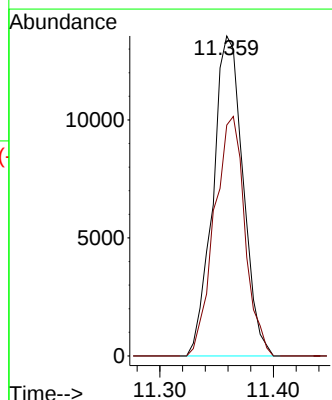
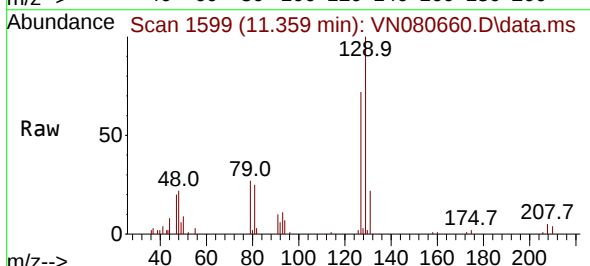
Manual Integrations
APPROVED

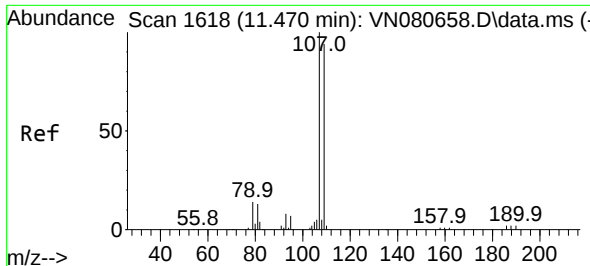
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#60
Dibromochloromethane
Concen: 9.562 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

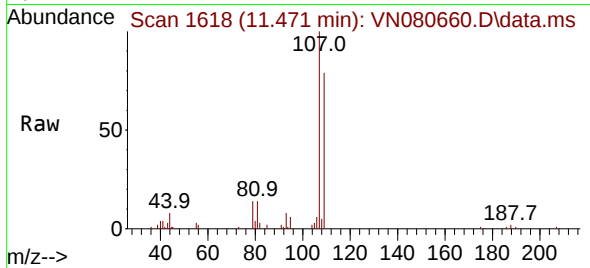
Tgt Ion:129 Resp: 24938
Ion Ratio Lower Upper
129 100
127 76.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 9.810 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

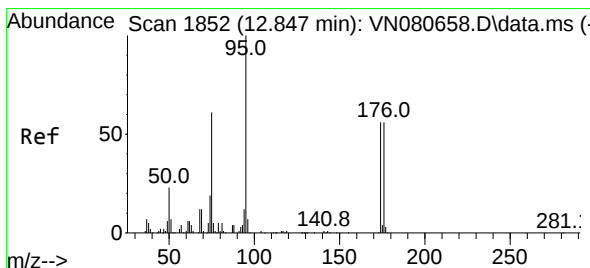
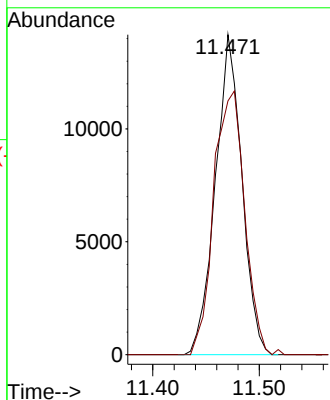
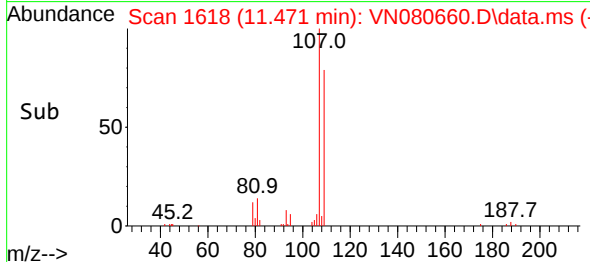
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



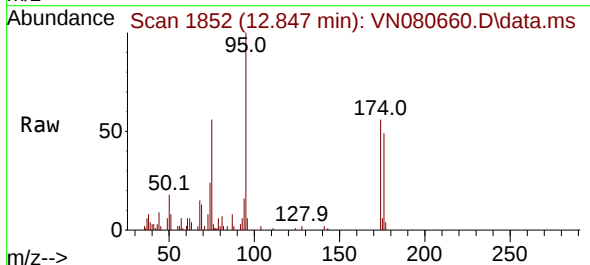
Tgt Ion:107 Resp: 24472
Ion Ratio Lower Upper
107 100
109 96.2 76.6 114.8

Manual Integrations
APPROVED

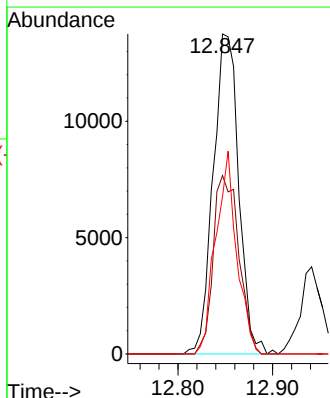
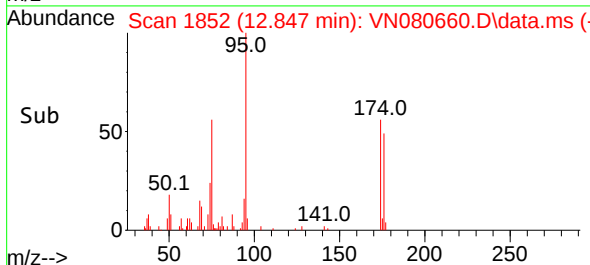
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

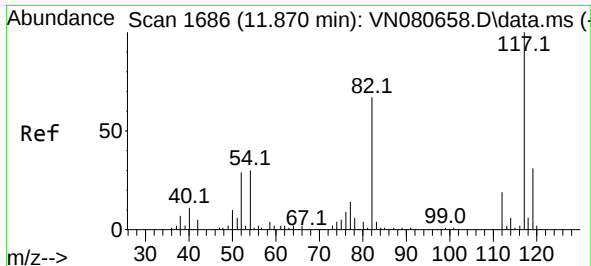


#62
4-Bromofluorobenzene
Concen: 8.820 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57



Tgt Ion: 95 Resp: 25771
Ion Ratio Lower Upper
95 100
174 55.9 0.0 143.8
176 52.3 0.0 135.8





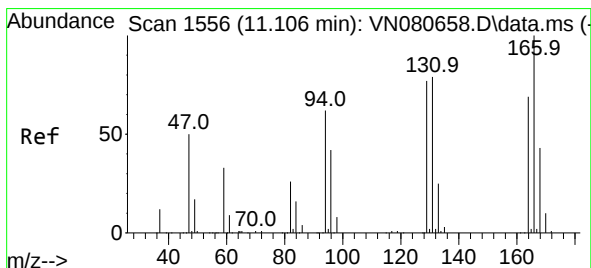
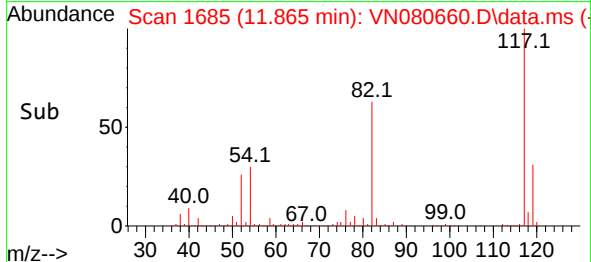
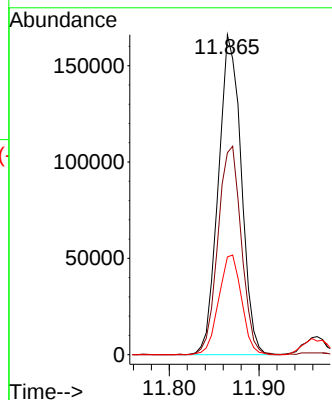
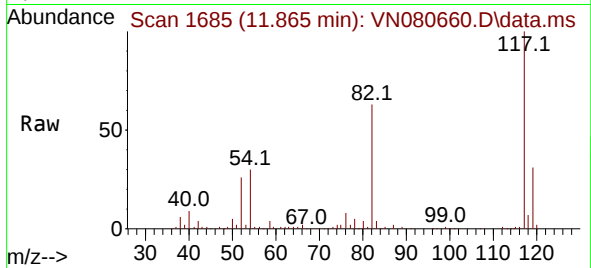
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:117 Resp: 29383
Ion Ratio Lower Upper
117 100
82 63.1 44.0 66.0
119 30.5 25.6 38.4

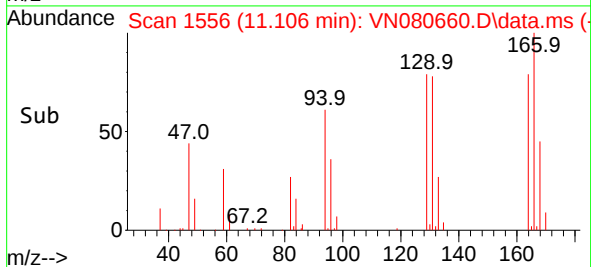
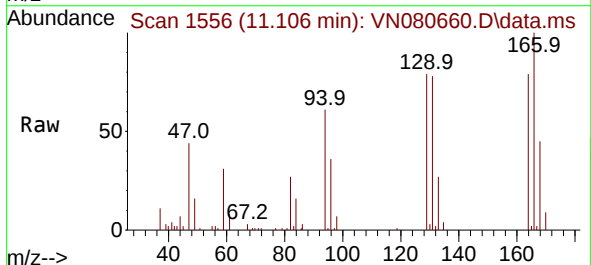
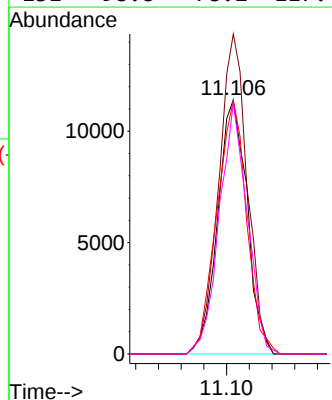
Manual Integrations
APPROVED

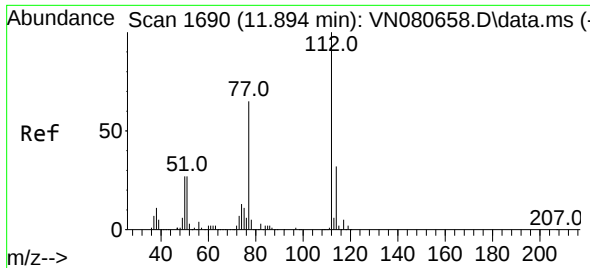
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#64
Tetrachloroethene
Concen: 10.146 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

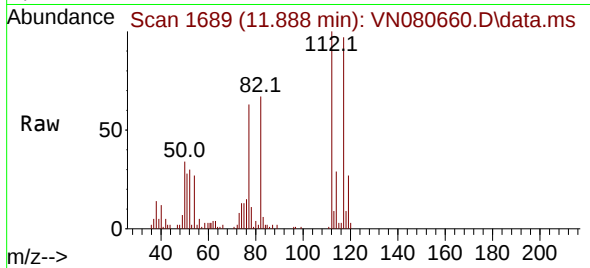
Tgt Ion:164 Resp: 20474
Ion Ratio Lower Upper
164 100
166 125.9 101.4 152.0
129 99.8 82.4 123.6
131 98.8 78.2 117.4





#65
Chlorobenzene
Concen: 9.574 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

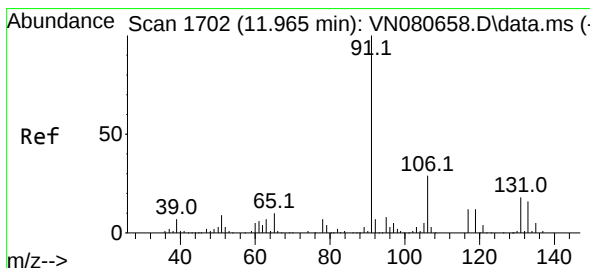
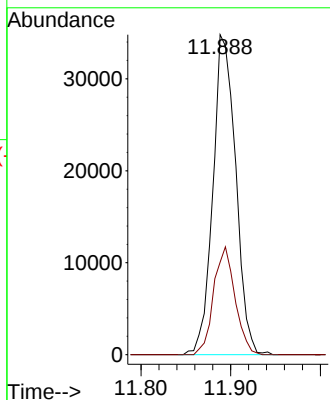
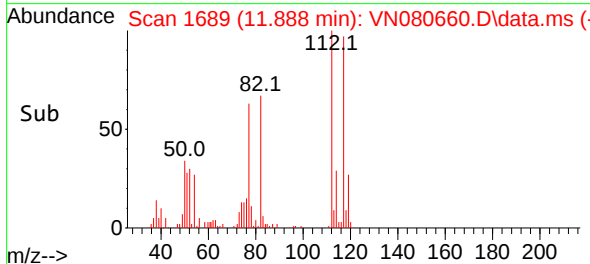
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



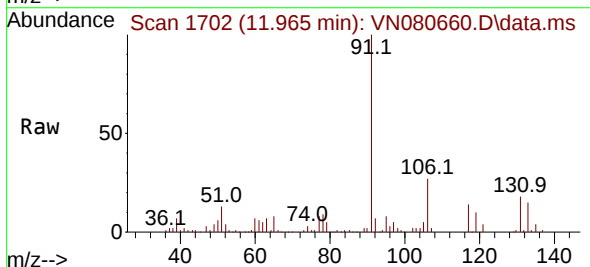
Tgt Ion:112 Resp: 61464
Ion Ratio Lower Upper
112 100
114 28.9 25.0 37.4

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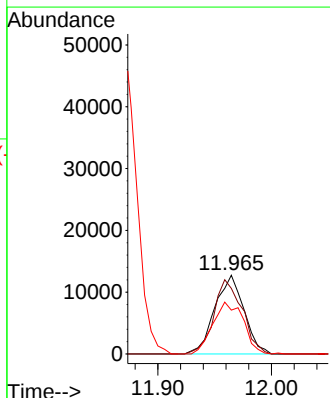
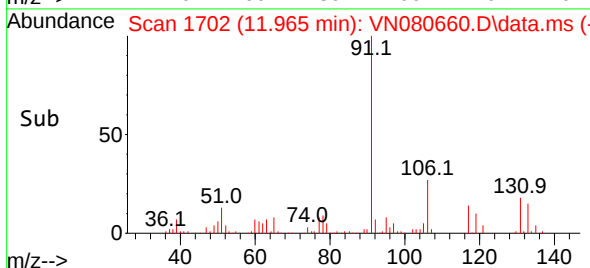
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

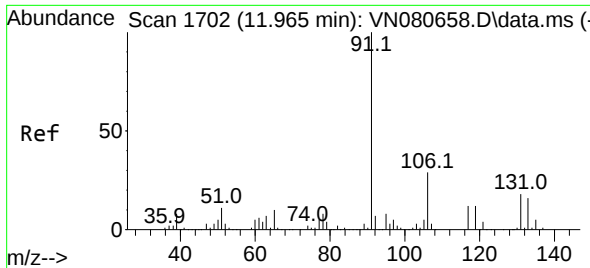


#66
1,1,1,2-Tetrachloroethane
Concen: 9.969 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57



Tgt Ion:131 Resp: 22722
Ion Ratio Lower Upper
131 100
133 92.0 46.4 139.1
119 69.3 34.1 102.2





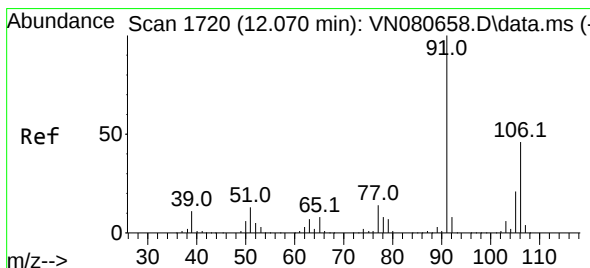
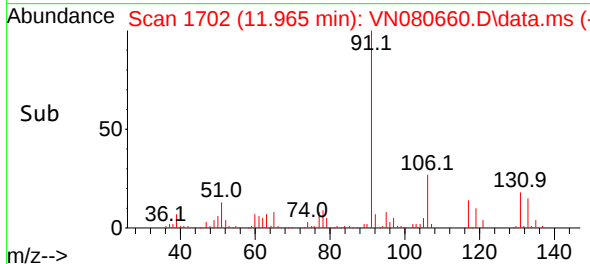
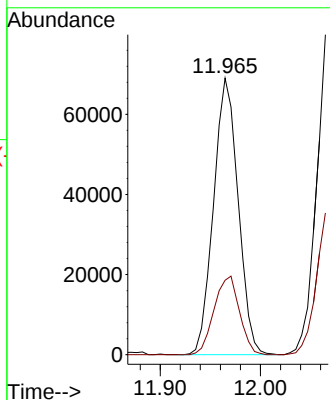
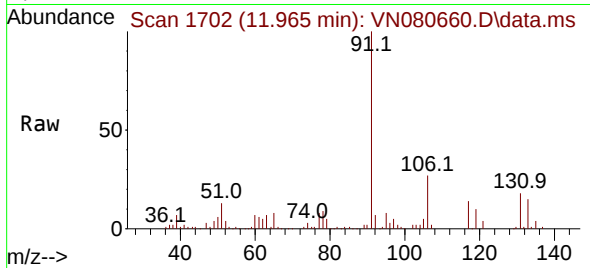
#67
Ethyl Benzene
Concen: 9.600 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 117680
Ion Ratio Lower Upper
91 100
106 26.9 25.6 38.4

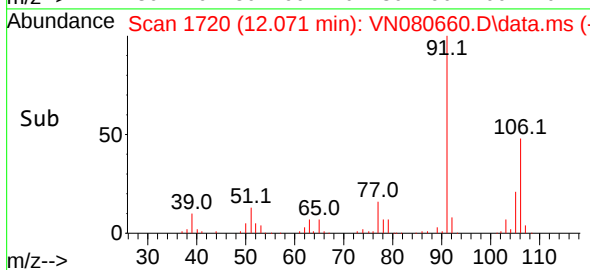
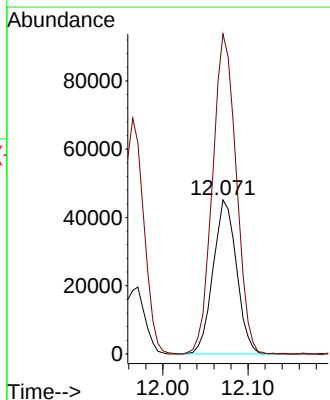
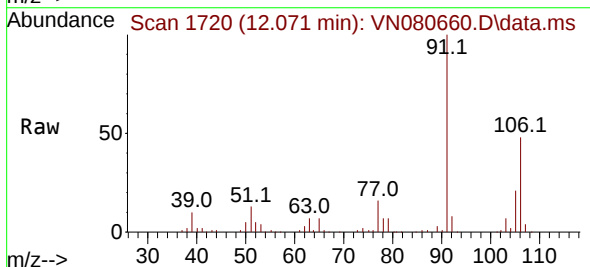
Manual Integrations
APPROVED

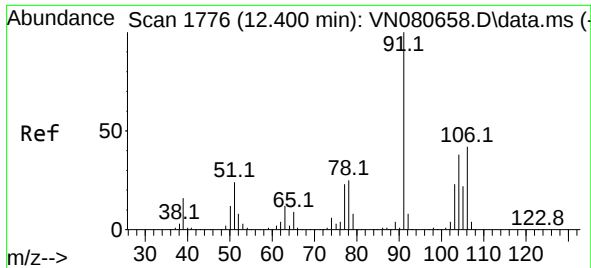
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#68
m/p-Xylenes
Concen: 19.978 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

Tgt Ion:106 Resp: 86099
Ion Ratio Lower Upper
106 100
91 210.8 159.6 239.4





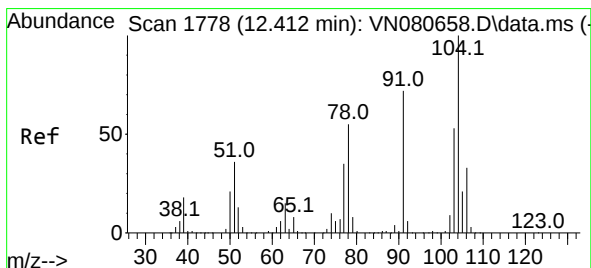
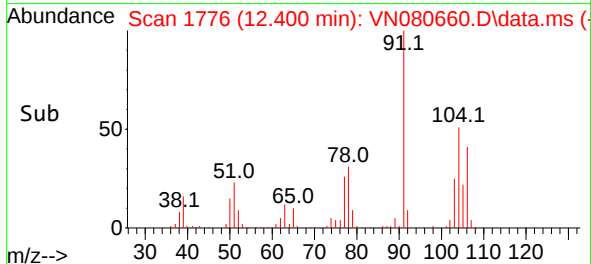
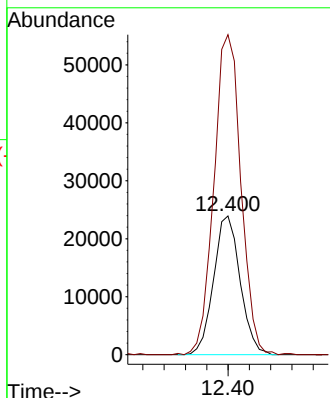
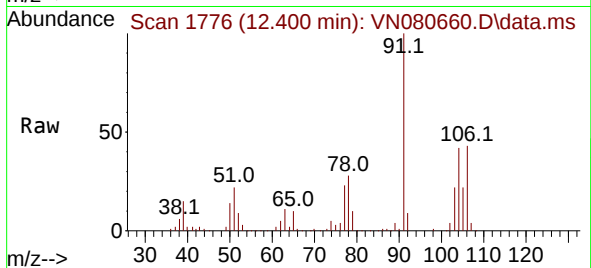
#69
o-Xylene
Concen: 9.812 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 41345
Ion Ratio Lower Upper
106 100
91 234.6 105.2 315.5

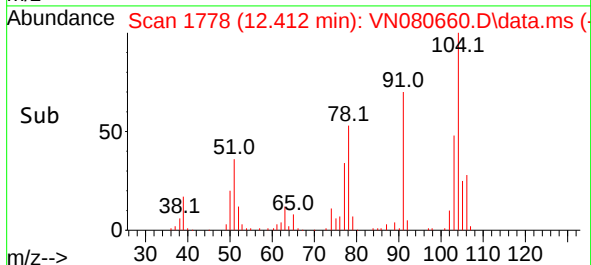
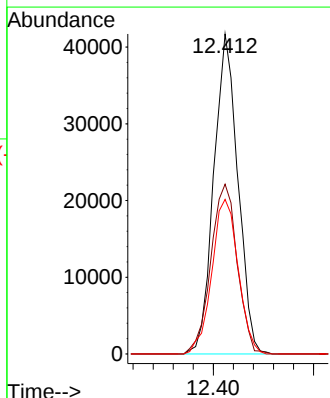
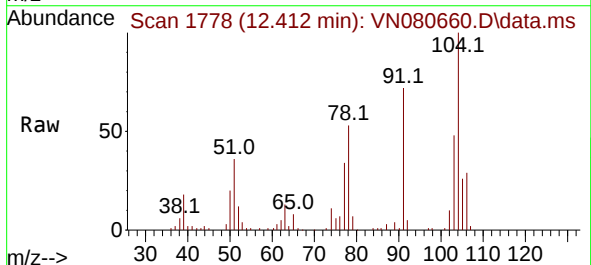
Manual Integrations
APPROVED

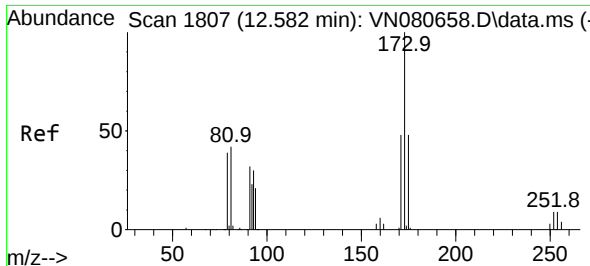
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#70
Styrene
Concen: 9.712 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

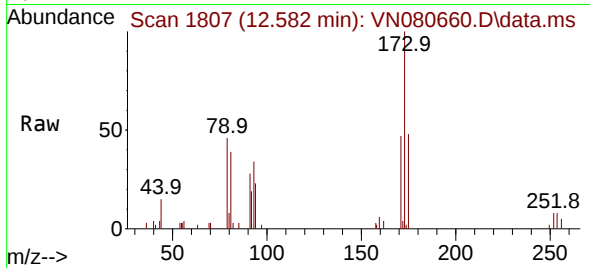
Tgt Ion:104 Resp: 69492
Ion Ratio Lower Upper
104 100
78 58.2 39.5 59.3
103 52.9 43.2 64.8





#71
Bromoform
Concen: 9.622 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

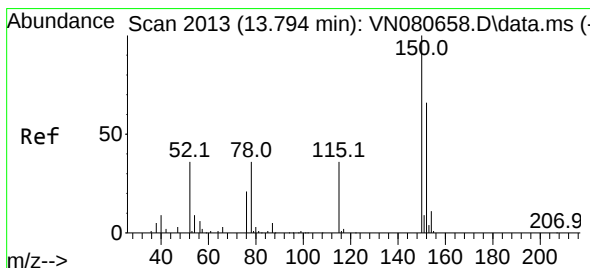
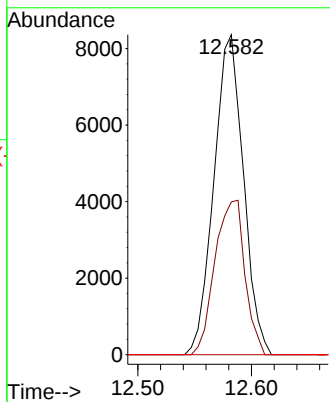
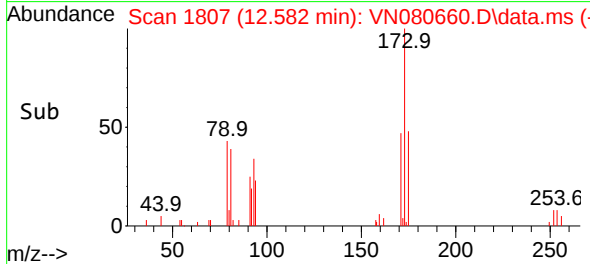
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



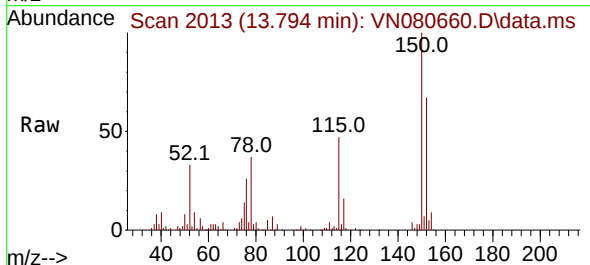
Tgt Ion:173 Resp: 1508
Ion Ratio Lower Upper
173 100
175 48.9 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

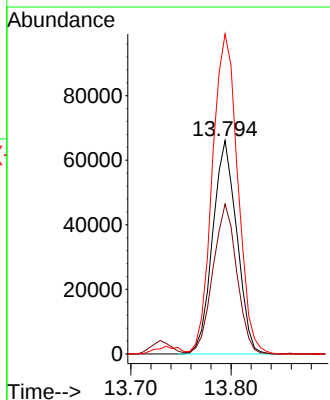
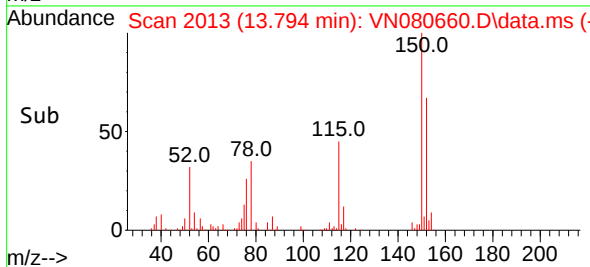
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

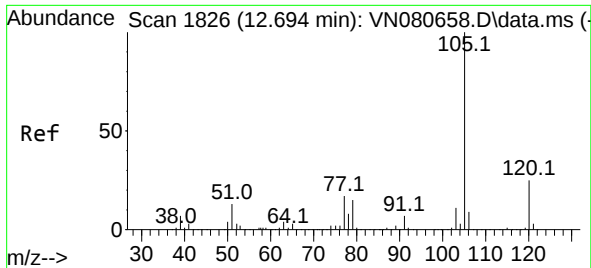


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57



Tgt Ion:152 Resp: 110253
Ion Ratio Lower Upper
152 100
115 69.8 32.3 96.8
150 157.8 0.0 355.8





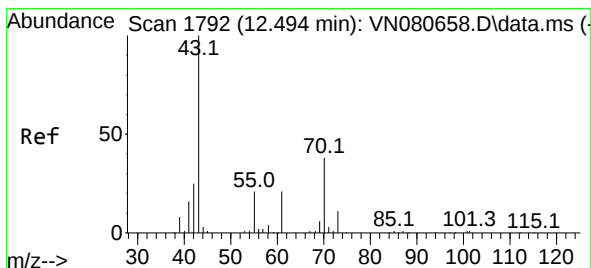
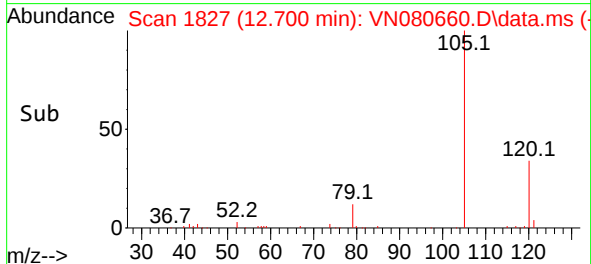
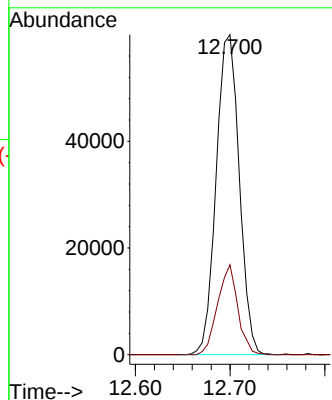
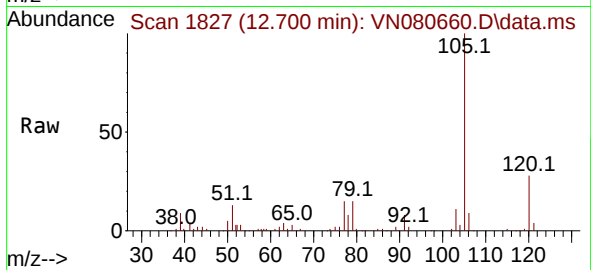
#73
Isopropylbenzene
Concen: 9.700 ug/l
RT: 12.700 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:105 Resp: 101702
Ion Ratio Lower Upper
105 100
120 24.6 13.1 39.1

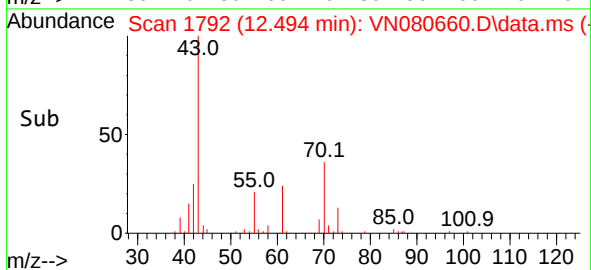
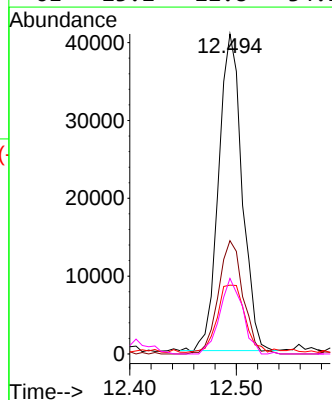
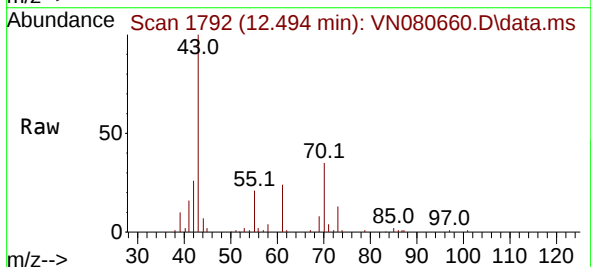
Manual Integrations
APPROVED

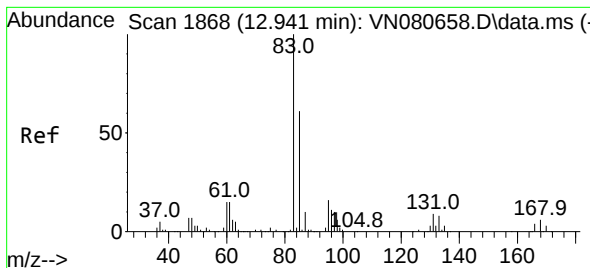
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#74
N-ethyl acetate
Concen: 9.899 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

Tgt Ion: 43 Resp: 62281
Ion Ratio Lower Upper
43 100
70 37.6 43.4 65.2#
55 25.1 21.4 32.0
61 23.2 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 9.993 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080660.D

Acq: 10 Jan 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 3436

Ion Ratio Lower Upper

83 100

131 9.4 5.0 15.0

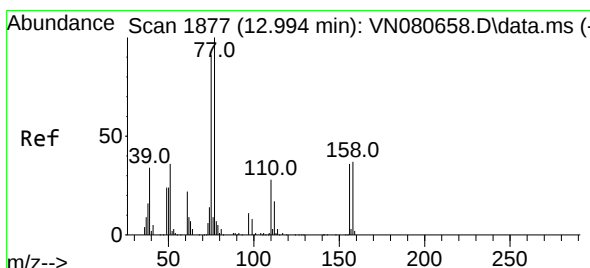
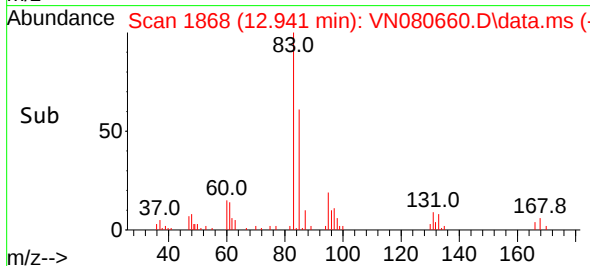
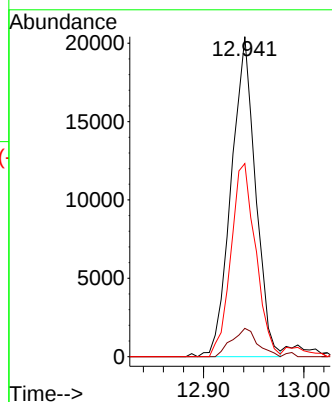
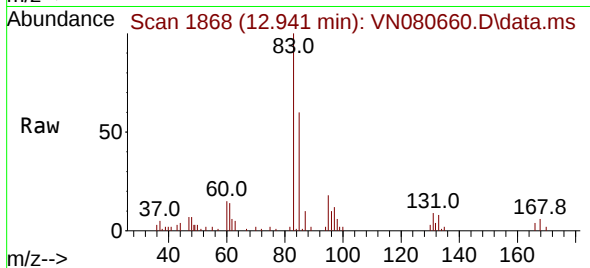
85 61.4 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#76

1,2,3-Trichloropropane

Concen: 9.146 ug/l m

RT: 13.000 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VN080660.D

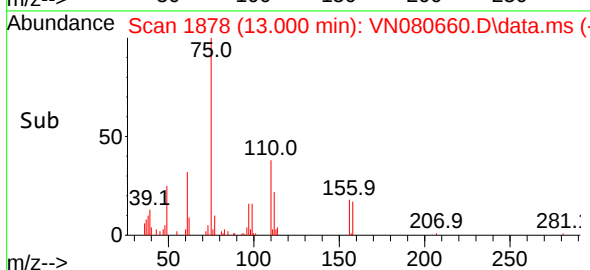
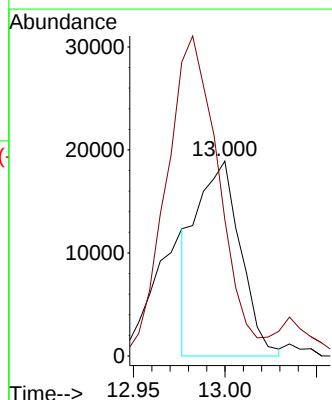
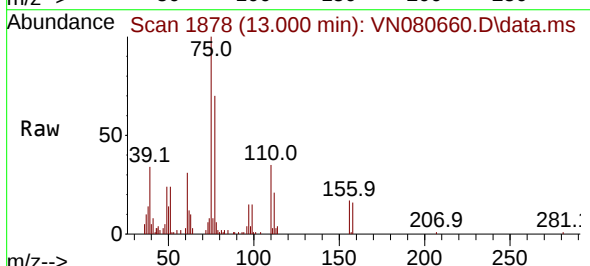
Acq: 10 Jan 2024 13:57

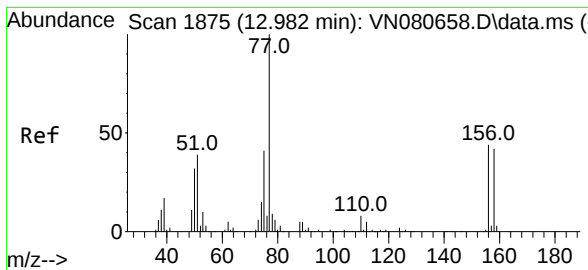
Tgt Ion: 75 Resp: 31680

Ion Ratio Lower Upper

75 100

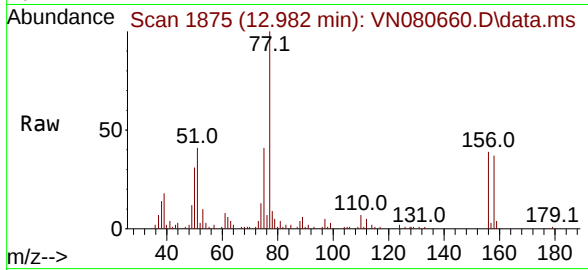
77 194.6 84.5 253.5





#77
Bromobenzene
Concen: 9.484 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

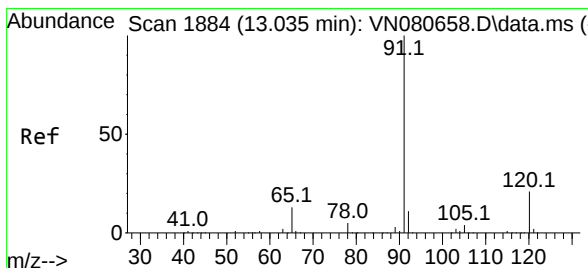
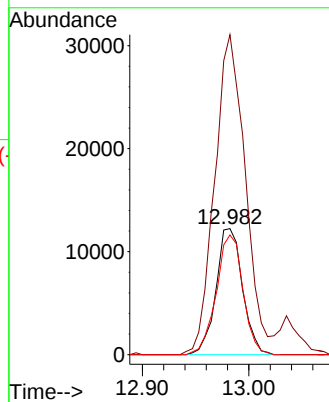
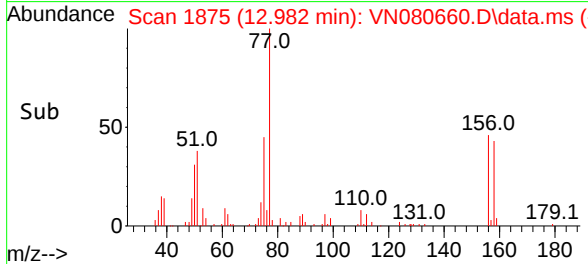
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



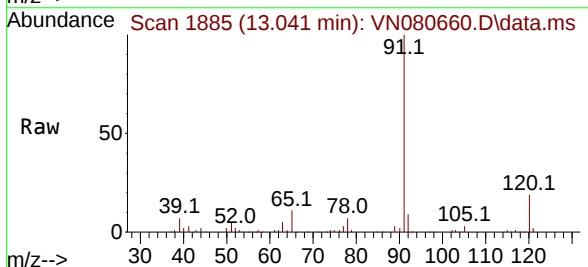
Tgt Ion:156 Resp: 21119
Ion Ratio Lower Upper
156 100
77 292.0 107.7 323.3
158 95.6 48.4 145.3

Manual Integrations
APPROVED

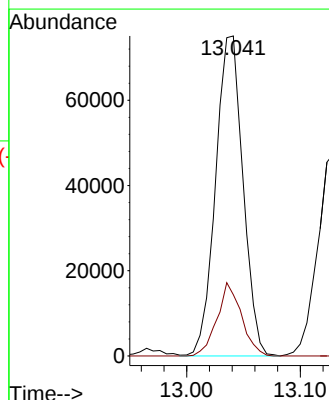
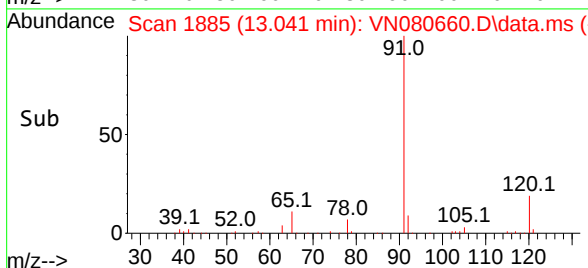
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

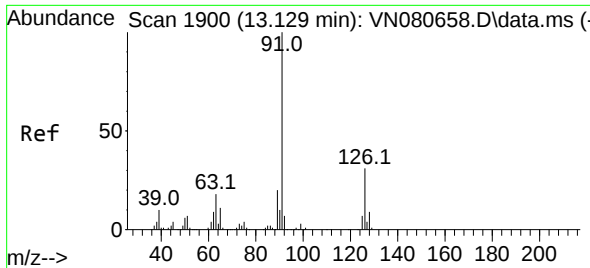


#78
n-propylbenzene
Concen: 9.787 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57



Tgt Ion: 91 Resp: 125879
Ion Ratio Lower Upper
91 100
120 20.4 11.5 34.4





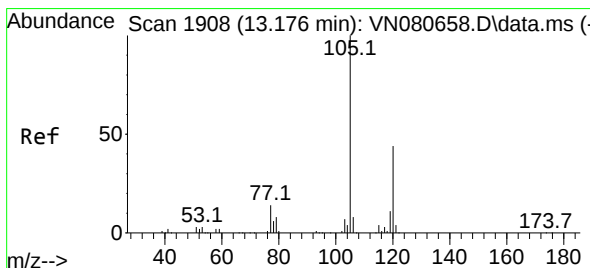
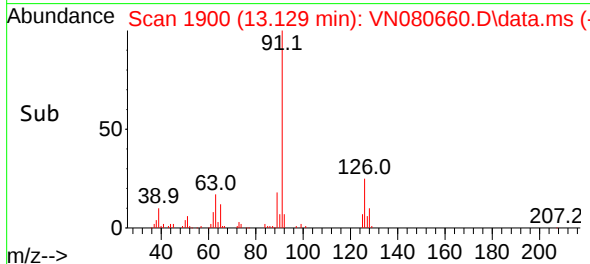
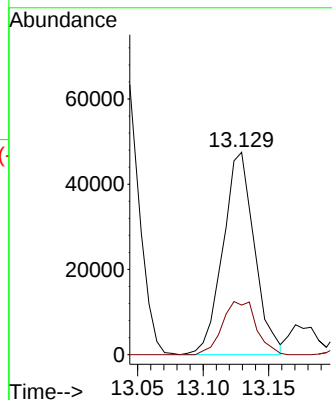
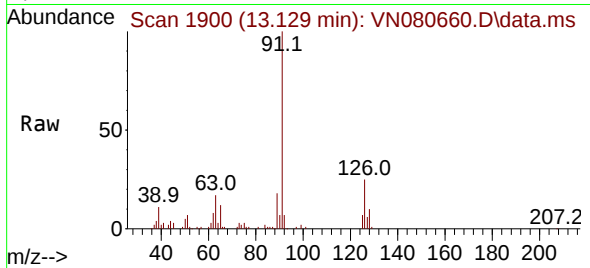
#79
2-Chlorotoluene
Concen: 9.628 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 79350
Ion Ratio Lower Upper
91 100
126 28.5 16.3 48.8

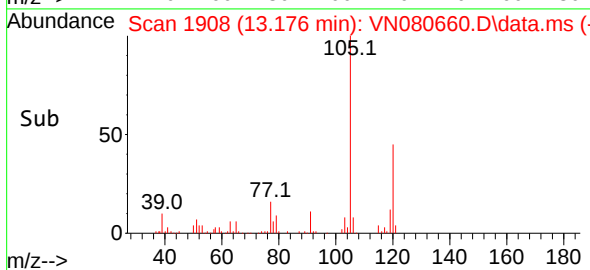
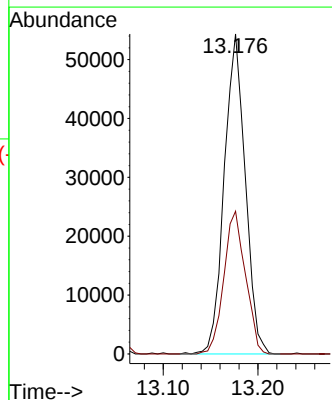
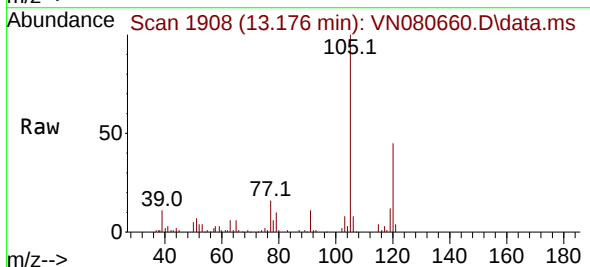
Manual Integrations
APPROVED

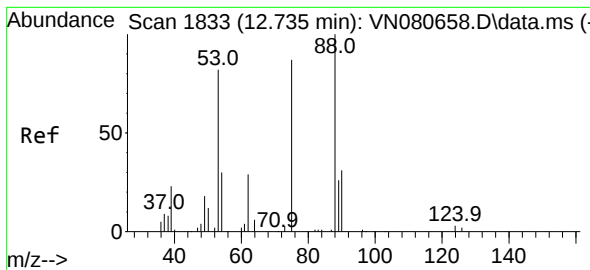
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#80
1,3,5-Trimethylbenzene
Concen: 9.592 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

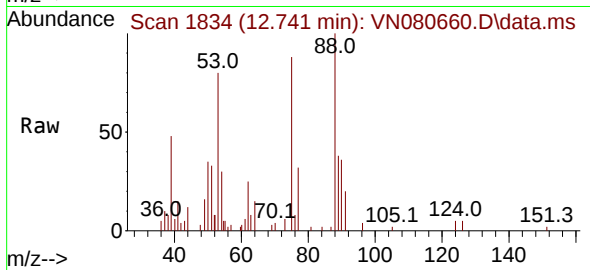
Tgt Ion:105 Resp: 83812
Ion Ratio Lower Upper
105 100
120 45.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 9.114 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

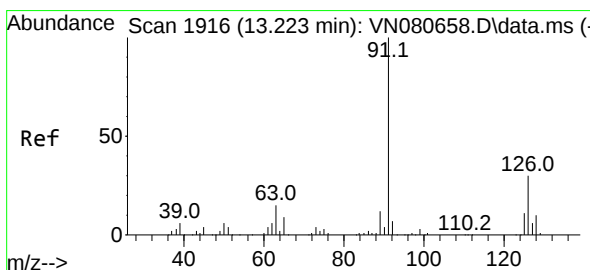
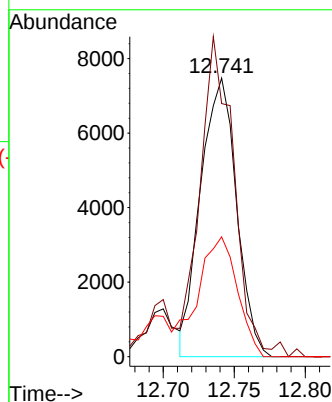
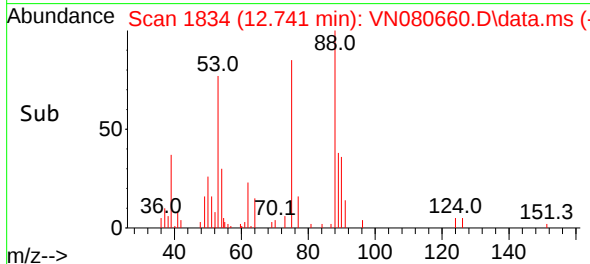
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 75 Resp: 1315
Ion Ratio Lower Upper
75 100
53 107.8 67.4 101.2
89 47.5 38.8 58.2

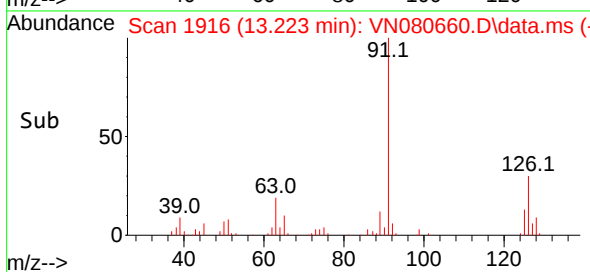
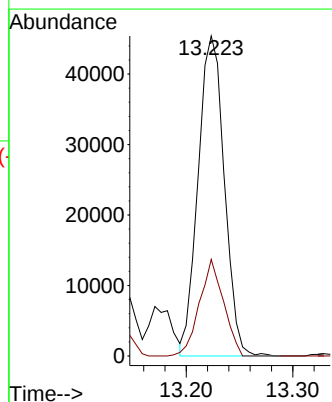
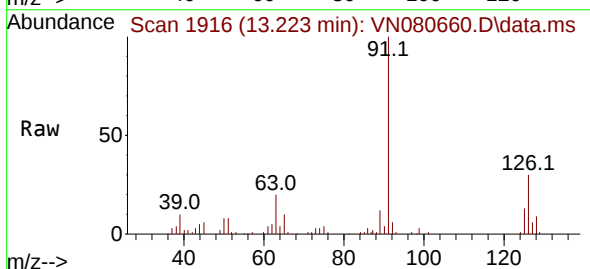
Manual Integrations
APPROVED

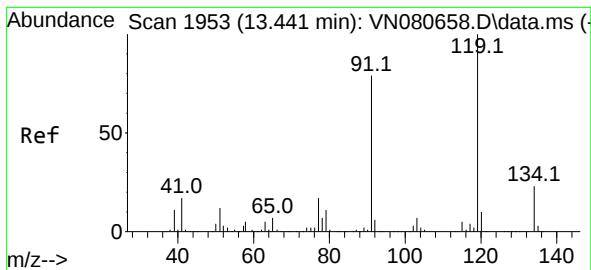
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#82
4-Chlorotoluene
Concen: 9.610 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

Tgt Ion: 91 Resp: 77649
Ion Ratio Lower Upper
91 100
126 27.8 16.7 50.0





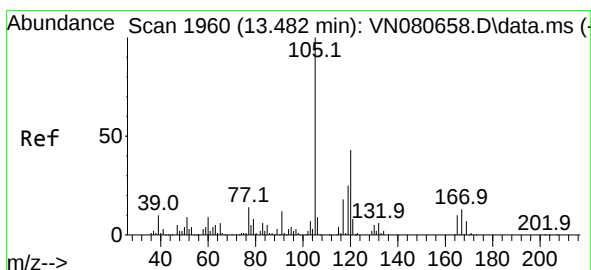
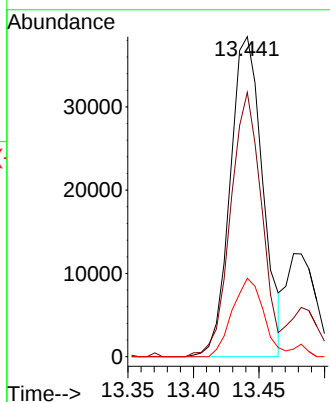
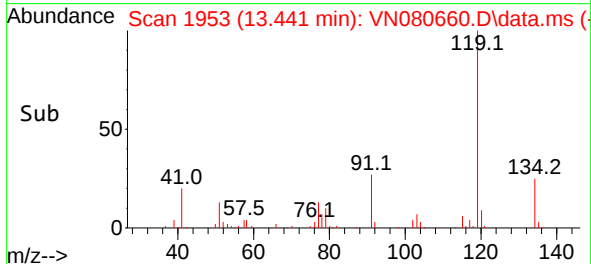
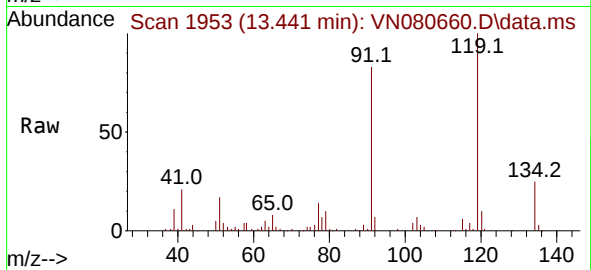
#83
tert-Butylbenzene
Concen: 9.524 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 6652
Ion Ratio Lower Upper
119 100
91 80.1 33.9 101.7
134 23.5 13.2 39.6

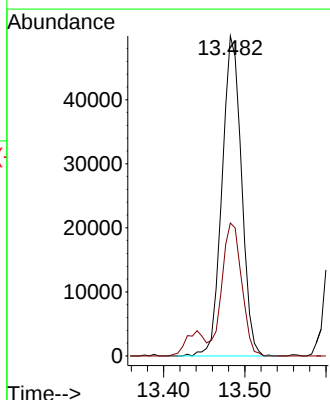
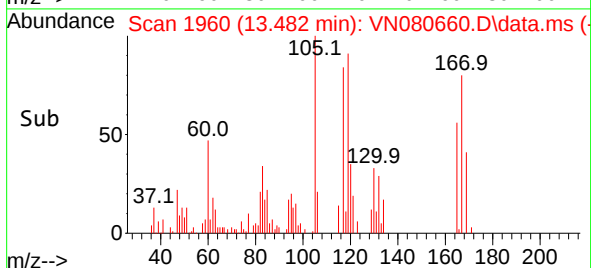
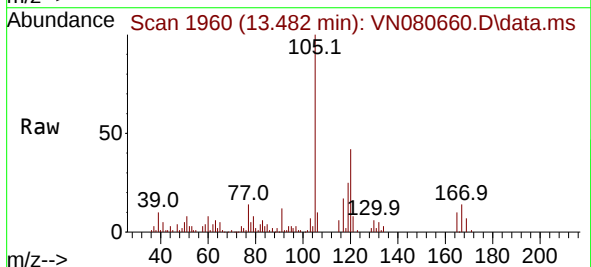
Manual Integrations
APPROVED

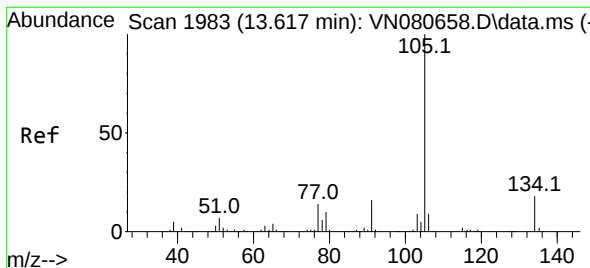
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#84
1,2,4-Trimethylbenzene
Concen: 9.678 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

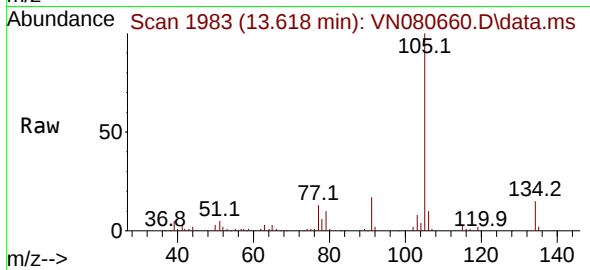
Tgt Ion:105 Resp: 83150
Ion Ratio Lower Upper
105 100
120 42.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 9.574 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080660.D
 Acq: 10 Jan 2024 13:57

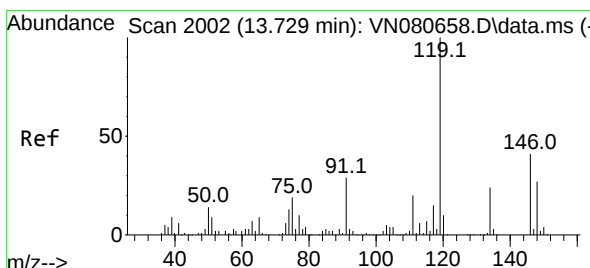
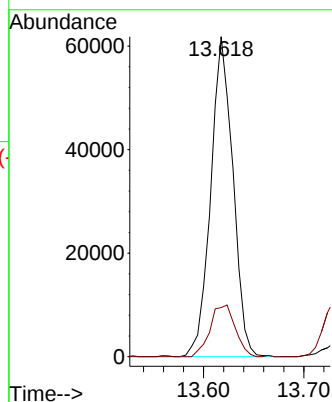
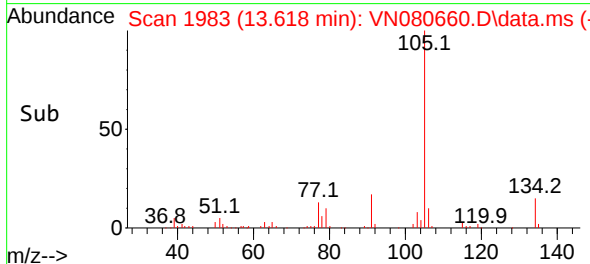
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



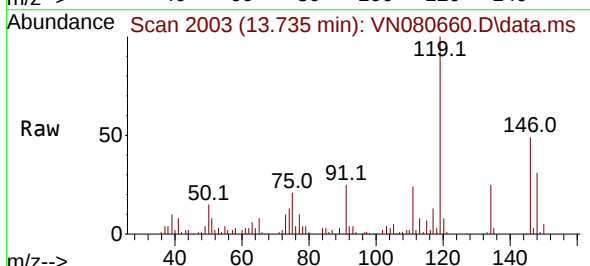
Tgt Ion:105 Resp: 95024
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.8 29.3

Manual Integrations
 APPROVED

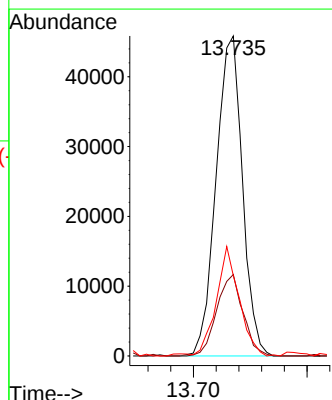
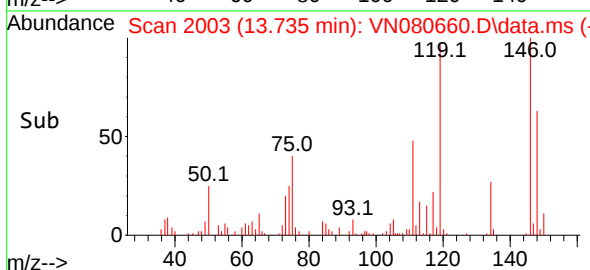
Reviewed By :John Carlone 01/11/2024
 Supervised By :Mahesh Dadoda 01/11/2024

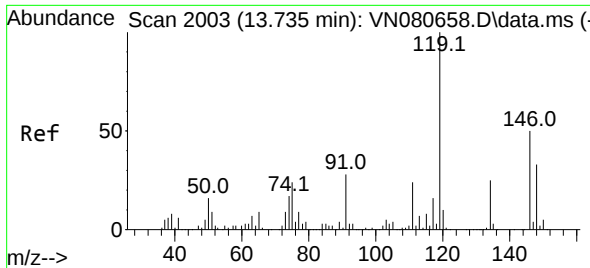


#86
 p-Isopropyltoluene
 Concen: 9.404 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080660.D
 Acq: 10 Jan 2024 13:57



Tgt Ion:119 Resp: 73709
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 30.0 12.4 37.2





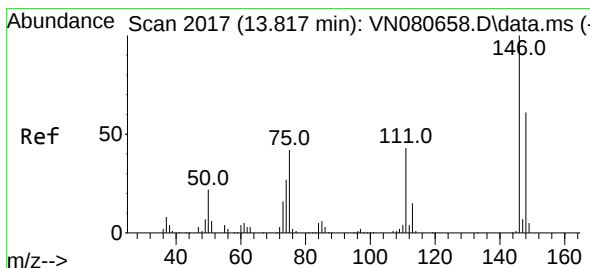
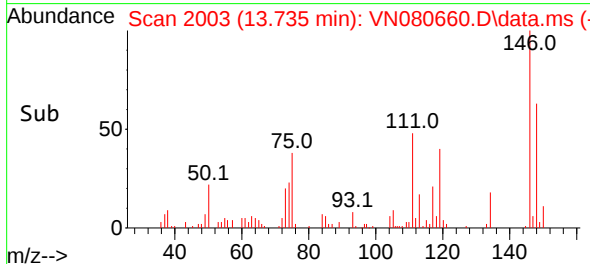
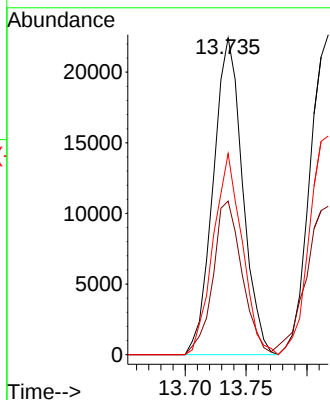
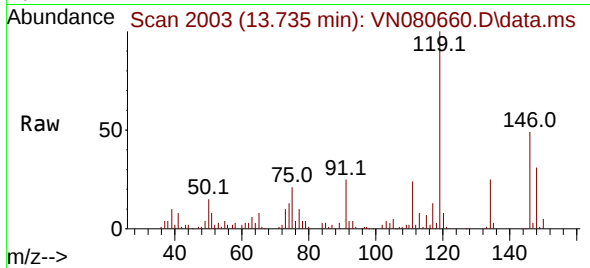
#87
 1,3-Dichlorobenzene
 Concen: 9.486 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080660.D
 Acq: 10 Jan 2024 13:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:146 Resp: 3773
 Ion Ratio Lower Upper
 146 100
 111 47.9 22.1 66.3
 148 62.4 32.0 96.0

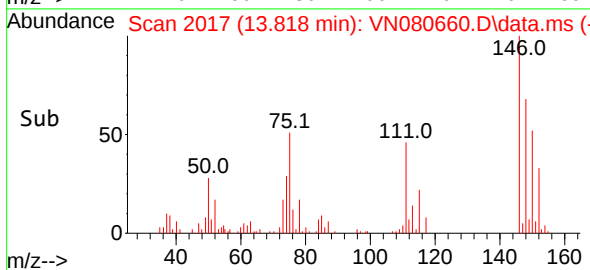
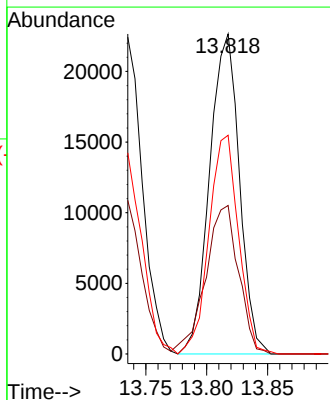
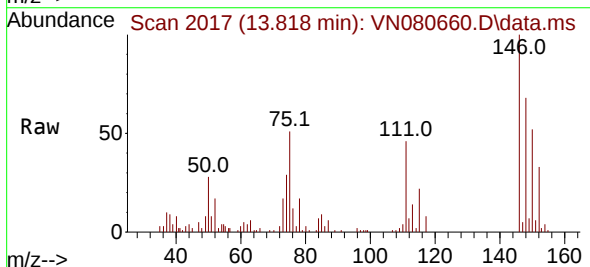
Manual Integrations
 APPROVED

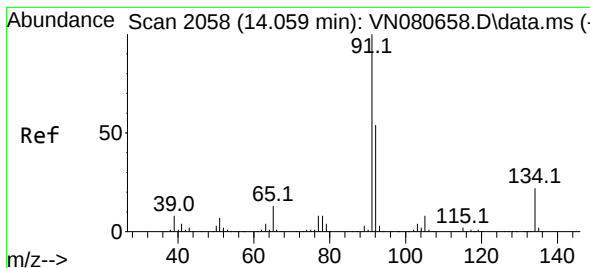
Reviewed By :John Carlone 01/11/2024
 Supervised By :Mahesh Dadoda 01/11/2024



#88
 1,4-Dichlorobenzene
 Concen: 9.529 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN080660.D
 Acq: 10 Jan 2024 13:57

Tgt Ion:146 Resp: 38614
 Ion Ratio Lower Upper
 146 100
 111 51.3 20.6 61.8
 148 67.8 31.6 94.8





#89

n-Butylbenzene

Concen: 9.341 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080660.D

Acq: 10 Jan 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 91 Resp: 70570

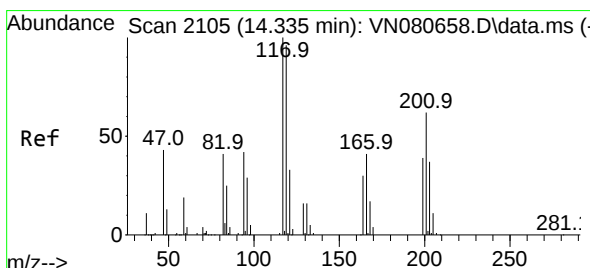
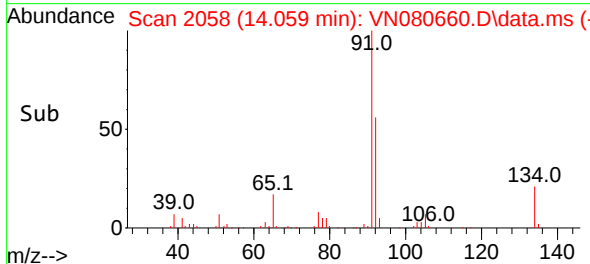
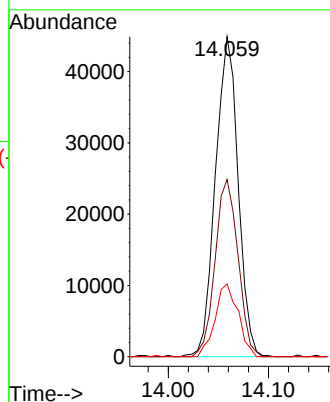
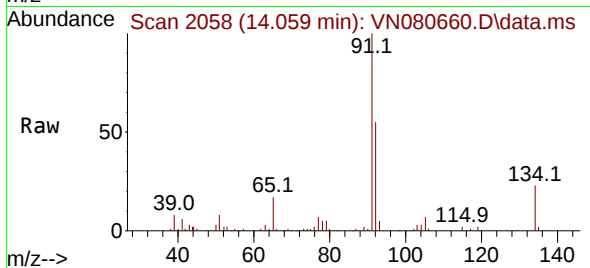
Ion	Ratio	Lower	Upper
91	100		
92	55.8	26.4	79.0
134	23.1	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#90

Hexachloroethane

Concen: 9.417 ug/l

RT: 14.335 min Scan# 2105

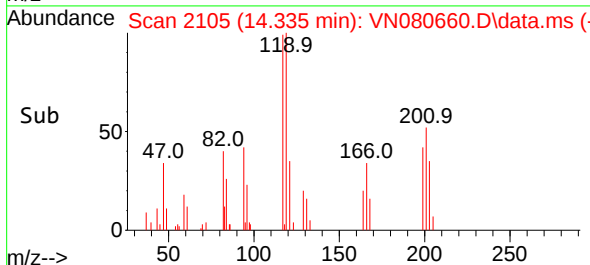
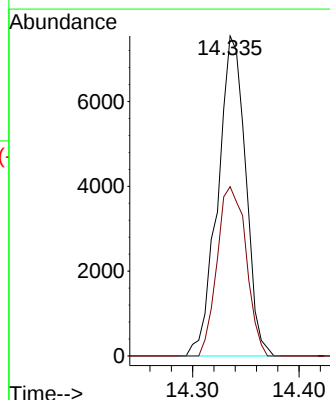
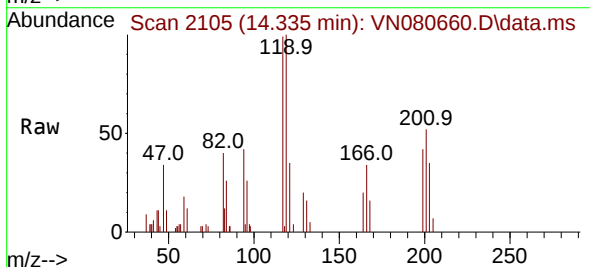
Delta R.T. 0.000 min

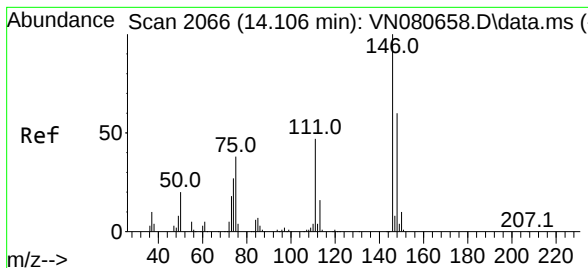
Lab File: VN080660.D

Acq: 10 Jan 2024 13:57

Tgt Ion:117 Resp: 13689

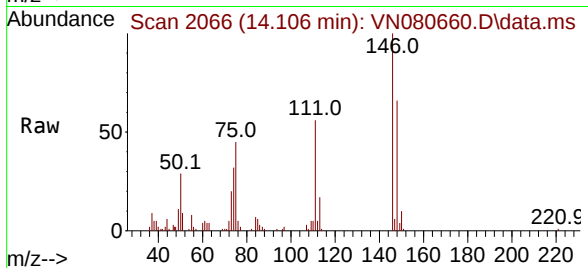
Ion	Ratio	Lower	Upper
117	100		
201	55.0	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 9.642 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

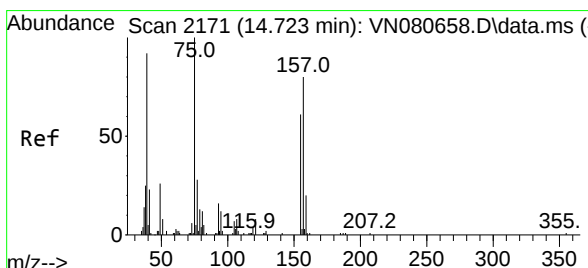
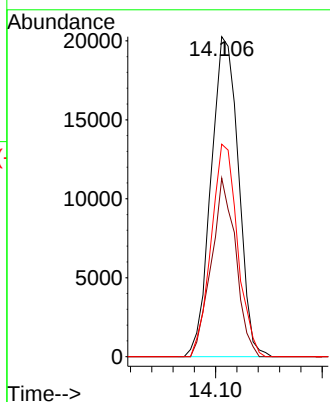
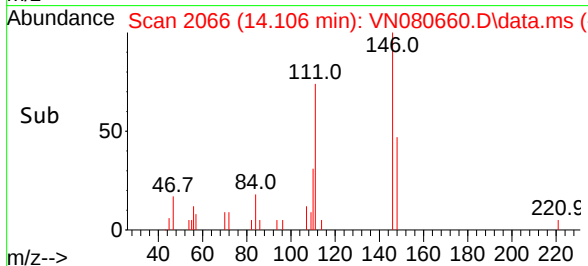
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



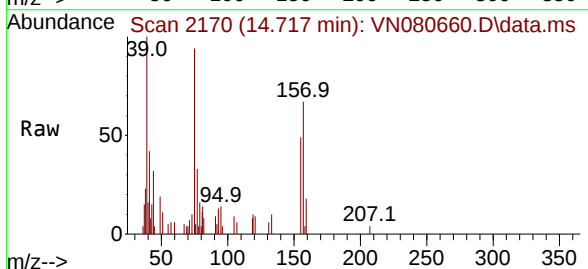
Tgt Ion:146 Resp: 36138
Ion Ratio Lower Upper
146 100
111 49.6 22.0 66.0
148 64.0 31.8 95.3

Manual Integrations
APPROVED

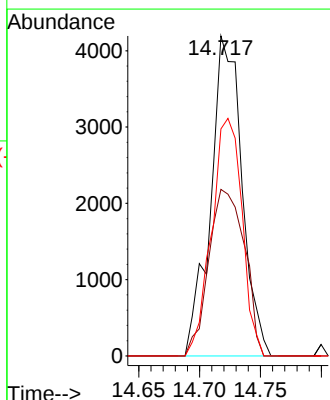
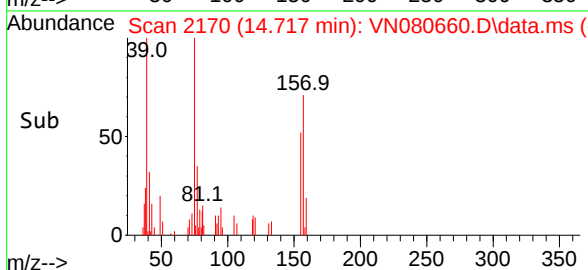
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

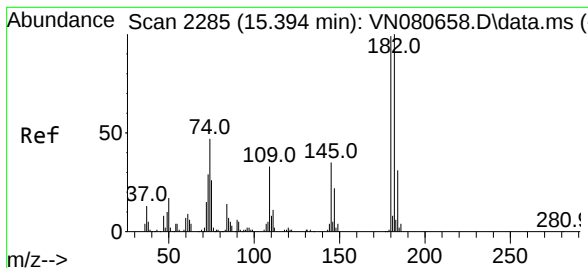


#92
1,2-Dibromo-3-Chloropropane
Concen: 9.231 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57



Tgt Ion: 75 Resp: 7506
Ion Ratio Lower Upper
75 100
155 59.5 39.1 117.2
157 72.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 10.075 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080660.D

Acq: 10 Jan 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:180 Resp: 1966

Ion Ratio Lower Upper

180 100

182 90.6 46.1 138.2

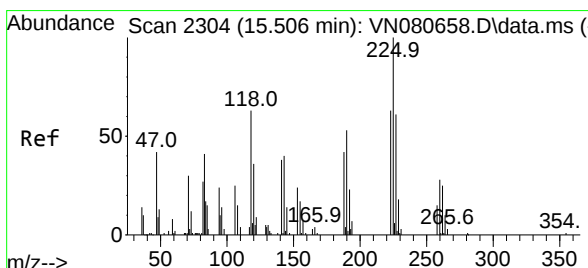
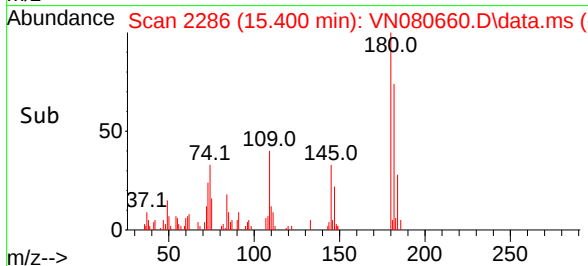
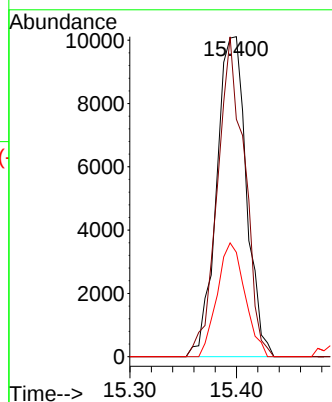
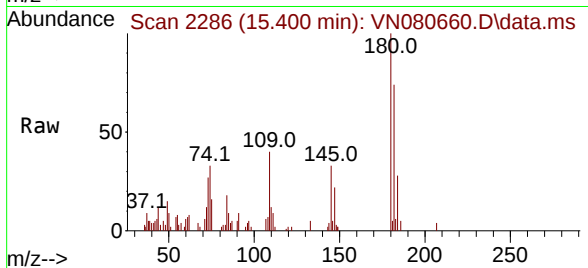
145 33.1 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#94

Hexachlorobutadiene

Concen: 9.657 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN080660.D

Acq: 10 Jan 2024 13:57

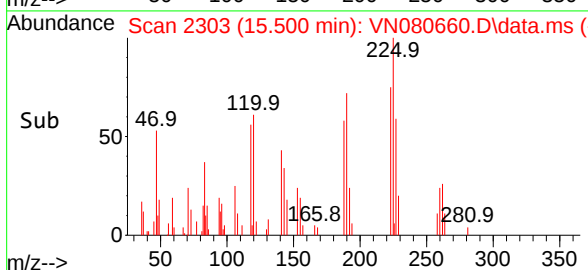
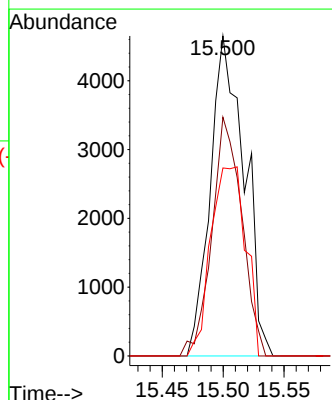
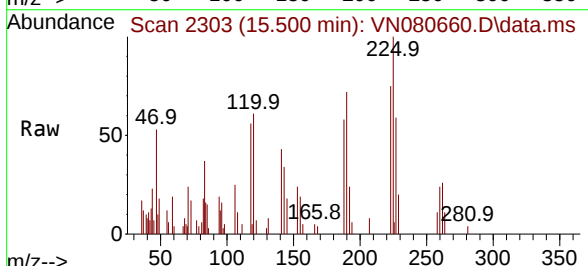
Tgt Ion:225 Resp: 9046

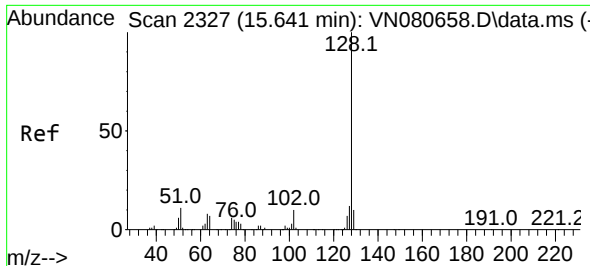
Ion Ratio Lower Upper

225 100

223 65.5 31.3 93.8

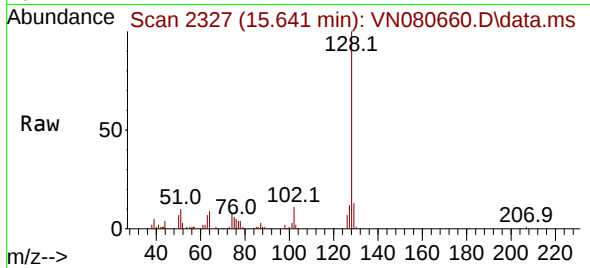
227 60.6 31.9 95.9





#95
Naphthalene
Concen: 9.249 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57

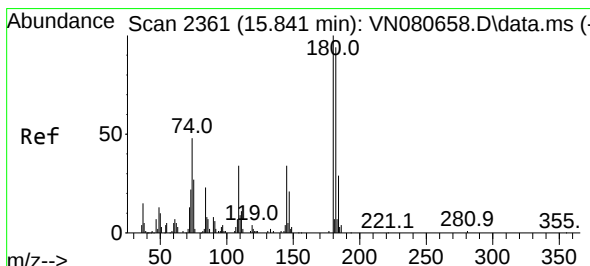
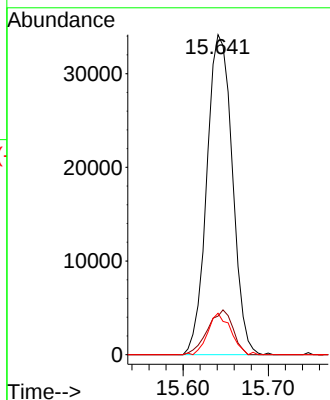
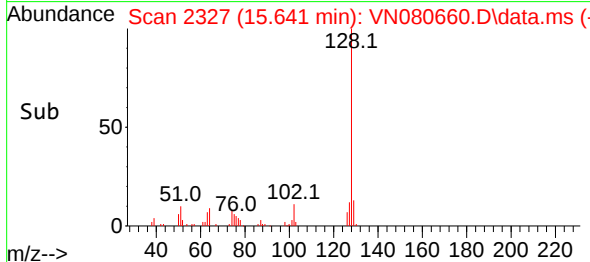
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



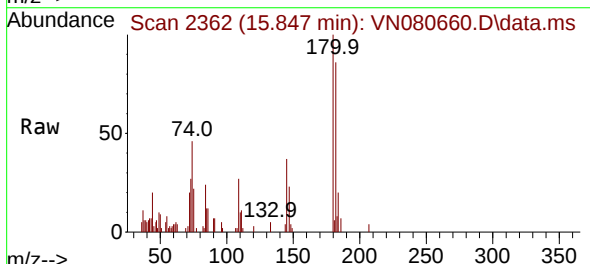
Tgt Ion:128 Resp: 71049
Ion Ratio Lower Upper
128 100
127 13.8 10.0 15.0
129 11.7 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 9.632 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080660.D
Acq: 10 Jan 2024 13:57



Tgt Ion:180 Resp: 18199
Ion Ratio Lower Upper
180 100
182 92.5 46.2 138.6
145 38.8 17.5 52.6

