

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080784.D
 Acq On : 29 Jan 2024 11:25
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/29/2024
 Supervised By : Mahesh Dadoda 01/30/2024

Quant Time: Jan 29 11:59:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 10:57:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	135890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	12305	5.156	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.320%#		
35) Dibromofluoromethane	8.159	113	8503	5.313	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.620%#		
50) Toluene-d8	10.571	98	34056	5.580	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	11.160%#		
62) 4-Bromofluorobenzene	12.847	95	11939	5.101	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.200%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	10386	4.704	ug/l	92
3) Chloromethane	2.359	50	17383	5.956	ug/l	98
4) Vinyl Chloride	2.518	62	12397	6.189	ug/l	96
5) Bromomethane	2.948	94	5614m	7.374	ug/l	
6) Chloroethane	3.112	64	7107	5.803	ug/l #	71
7) Trichlorofluoromethane	3.495	101	15815	4.781	ug/l	91
8) Diethyl Ether	3.965	74	6793	4.699	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	8937	4.957	ug/l #	69
10) Methyl Iodide	4.589	142	7137	4.734	ug/l #	85
11) Tert butyl alcohol	5.518	59	10754	26.647	ug/l #	88
12) 1,1-Dichloroethene	4.336	96	10380	5.116	ug/l #	76
13) Acrolein	4.171	56	13186	39.103	ug/l	99
14) Allyl chloride	5.024	41	20194	5.021	ug/l #	41
15) Acrylonitrile	5.724	53	31756	30.132	ug/l	95
16) Acetone	4.430	43	23124	29.515	ug/l	95
17) Carbon Disulfide	4.718	76	31386	5.058	ug/l	97
18) Methyl Acetate	5.024	43	15375m	6.590	ug/l	
19) Methyl tert-butyl Ether	5.789	73	35755	5.114	ug/l #	81
20) Methylene Chloride	5.277	84	11996	5.245	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	10914	5.303	ug/l	85
22) Diisopropyl ether	6.671	45	42811	5.645	ug/l	96
23) Vinyl Acetate	6.600	43	133985	21.706	ug/l	98
24) 1,1-Dichloroethane	6.565	63	21308	5.133	ug/l #	91
25) 2-Butanone	7.483	43	43887	30.990	ug/l	95
26) 2,2-Dichloropropane	7.488	77	16648	4.585	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	12374	5.455	ug/l	95
28) Bromochloromethane	7.812	49	10576	5.449	ug/l	95
29) Tetrahydrofuran	7.835	42	28282	29.629	ug/l	99
30) Chloroform	7.971	83	18457	4.742	ug/l #	80
31) Cyclohexane	8.253	56	23877	6.476	ug/l #	73
32) 1,1,1-Trichloroethane	8.171	97	16672	4.812	ug/l #	53
36) 1,1-Dichloropropene	8.365	75	16823	5.131	ug/l	95
37) Ethyl Acetate	7.565	43	18428	5.796	ug/l #	79
38) Carbon Tetrachloride	8.371	117	12944	4.397	ug/l #	95
39) Methylcyclohexane	9.600	83	15860	5.055	ug/l	92
40) Benzene	8.606	78	46330	5.027	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	10337	5.605	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	14977	4.245	ug/l	100
43) Isopropyl Acetate	8.688	43	29908	5.118	ug/l	98
44) Trichloroethene	9.353	130	10723	5.139	ug/l	96
45) 1,2-Dichloropropane	9.624	63	12601	5.157	ug/l	94
46) Dibromomethane	9.706	93	7124	4.608	ug/l	93
47) Bromodichloromethane	9.888	83	16256	4.738	ug/l	97
48) Methyl methacrylate	9.682	41	16664	6.023	ug/l	98
49) 1,4-Dioxane	9.700	88	3702	107.385	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	85491	27.117	ug/l	97
52) Toluene	10.635	92	25503	4.829	ug/l	90
53) t-1,3-Dichloropropene	10.841	75	17503	4.596	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	19624	4.859	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	10319	5.077	ug/l	95
56) Ethyl methacrylate	10.876	69	12168m	3.342	ug/l	
57) 1,3-Dichloropropane	11.165	76	19868	5.354	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.159	63	46380	26.598	ug/l	100
59) 2-Hexanone	11.200	43	70863	30.448	ug/l	99
60) Dibromochloromethane	11.353	129	9373	4.487	ug/l	94
61) 1,2-Dibromoethane	11.465	107	9216	4.613	ug/l	97
64) Tetrachloroethene	11.106	164	8063	4.957	ug/l #	75
65) Chlorobenzene	11.894	112	26927	5.203	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	8572	4.665	ug/l	97
67) Ethyl Benzene	11.965	91	48503	4.908	ug/l	97
68) m/p-Xylenes	12.070	106	32554	9.370	ug/l	93
69) o-Xylene	12.400	106	16313	4.802	ug/l	89
70) Styrene	12.418	104	23226	4.027	ug/l	99
71) Bromoform	12.582	173	5478	4.334	ug/l #	97
73) Isopropylbenzene	12.694	105	40171	4.822	ug/l	100
74) N-amyl acetate	12.494	43	25341	5.069	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	14914	5.458	ug/l	93
76) 1,2,3-Trichloropropane	12.994	75	14063m	5.206	ug/l	
77) Bromobenzene	12.982	156	8541	4.827	ug/l	93
78) n-propylbenzene	13.035	91	45979	4.499	ug/l	99
79) 2-Chlorotoluene	13.129	91	30364	4.636	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	31244	4.500	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	4890m	4.267	ug/l	
82) 4-Chlorotoluene	13.217	91	30083	4.686	ug/l	93
83) tert-Butylbenzene	13.441	119	25172	4.535	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	32876	4.816	ug/l	95
85) sec-Butylbenzene	13.617	105	36614	4.643	ug/l	99
86) p-Isopropyltoluene	13.729	119	28238	4.534	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	15539	4.917	ug/l	93
88) 1,4-Dichlorobenzene	13.817	146	14828	4.606	ug/l	93
89) n-Butylbenzene	14.059	91	28641	4.771	ug/l	96
90) Hexachloroethane	14.335	117	5374	4.653	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	14606	4.905	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	3093	4.547	ug/l	87
93) 1,2,4-Trichlorobenzene	15.388	180	7141	4.604	ug/l	95
94) Hexachlorobutadiene	15.500	225	2991	4.018	ug/l	94
95) Naphthalene	15.647	128	26101	4.276	ug/l	96
96) 1,2,3-Trichlorobenzene	15.847	180	6878	4.582	ug/l	98

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Jan 29 10:57:05 2024
Response via : Initial Calibration

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

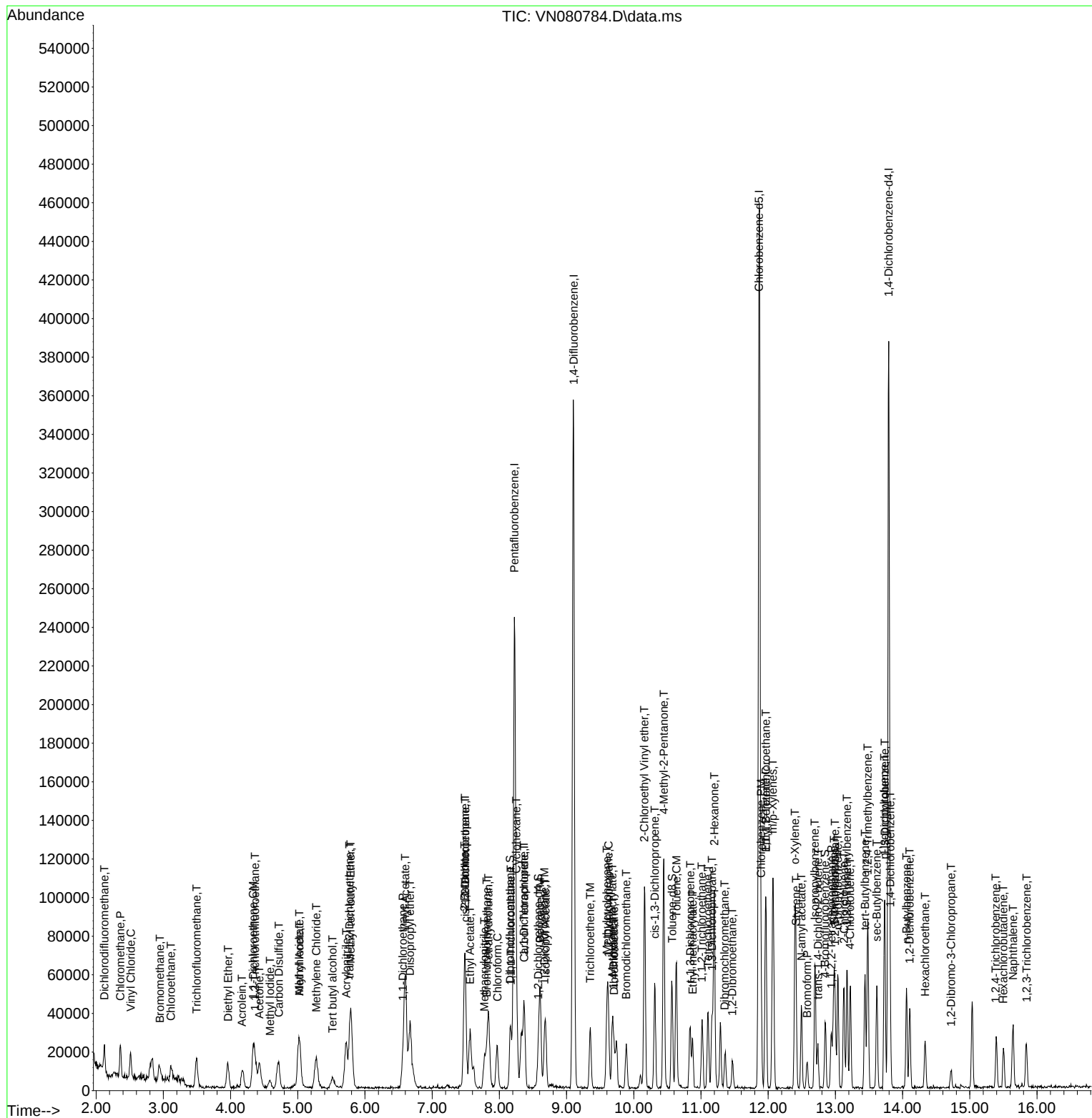
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
Data File : VN080784.D
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Sample : VSTDIC005
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ALS Vial : 7 Sample Multiplier: 1

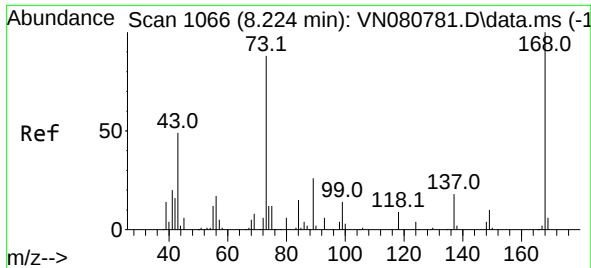
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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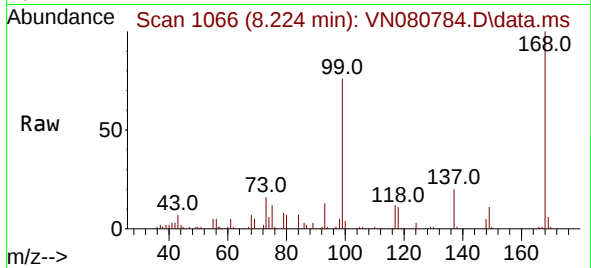
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080784.D
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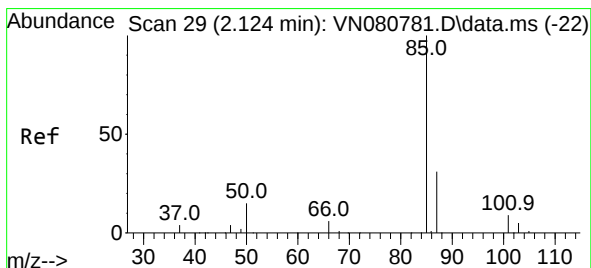
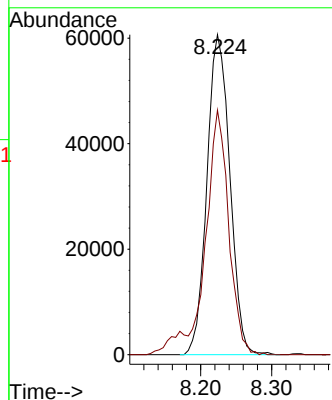
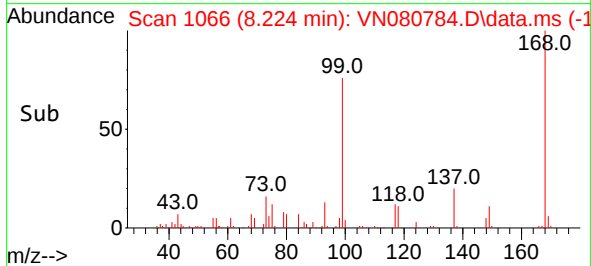
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 135890
Ion Ratio Lower Upper
168 100
99 76.4 59.9 89.9

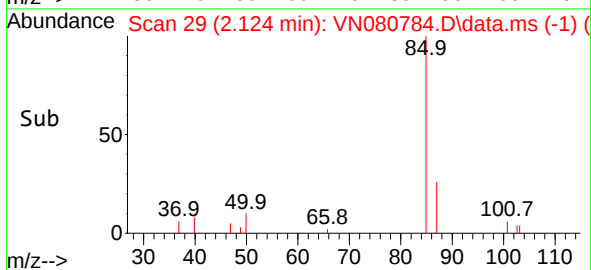
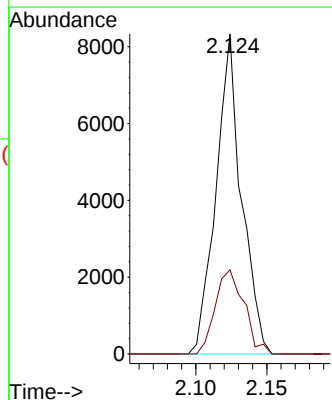
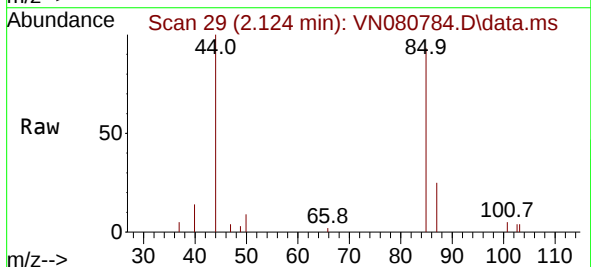
Manual Integrations
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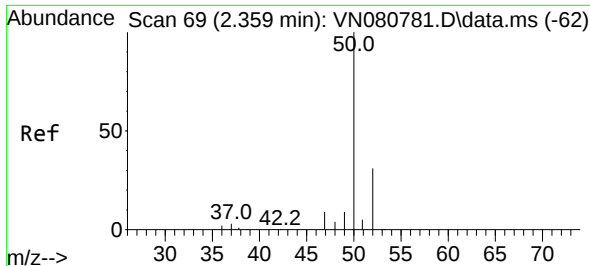
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#2
Dichlorodifluoromethane
Concen: 4.704 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Tgt Ion: 85 Resp: 10386
Ion Ratio Lower Upper
85 100
87 26.3 15.3 45.9





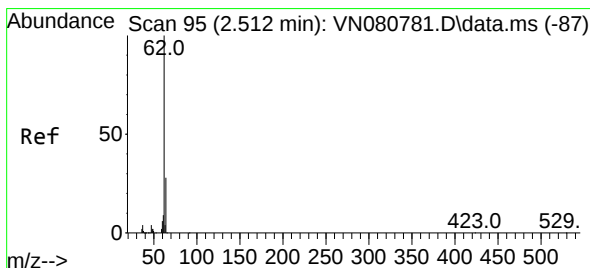
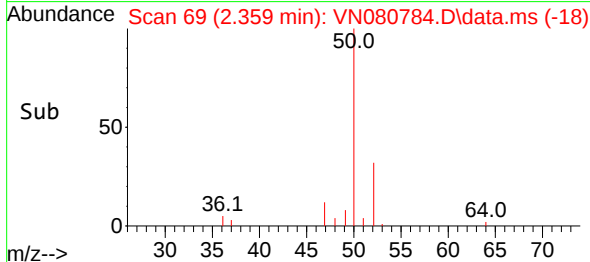
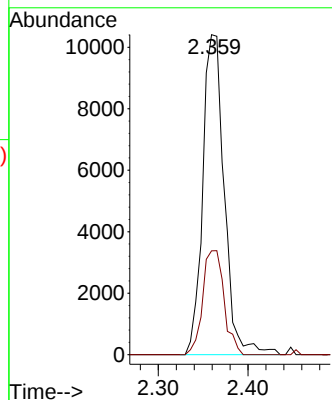
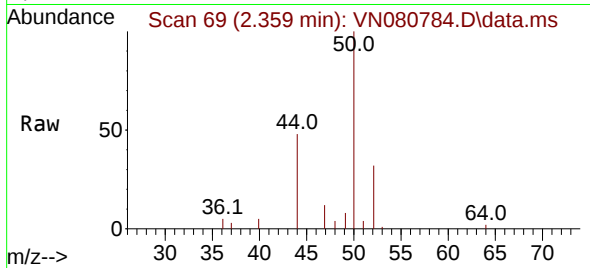
#3
Chloromethane
Concen: 5.956 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

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ClientSampleId :
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Tgt Ion: 50 Resp: 1738
Ion Ratio Lower Upper
50 100
52 32.5 25.0 37.4

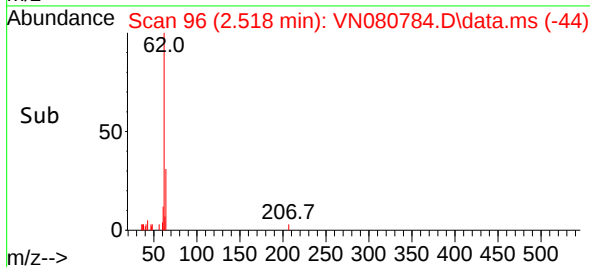
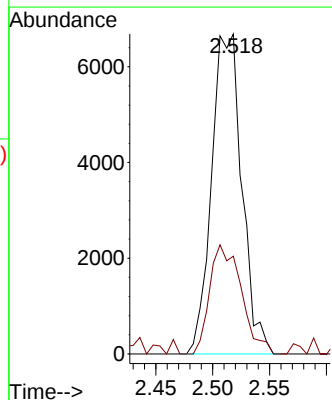
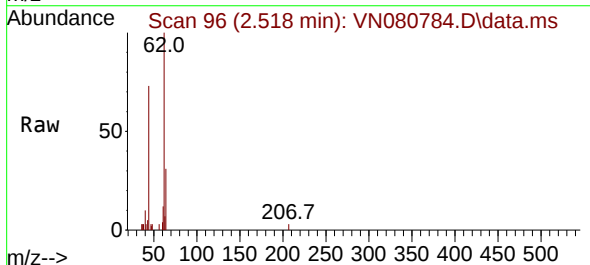
Manual Integrations
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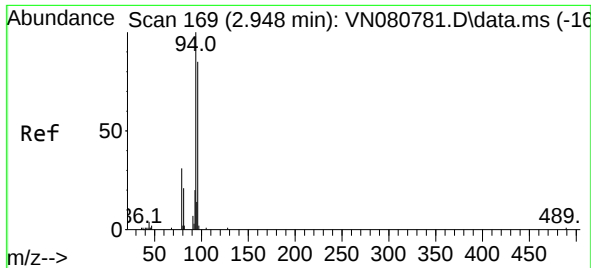
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#4
Vinyl Chloride
Concen: 6.189 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

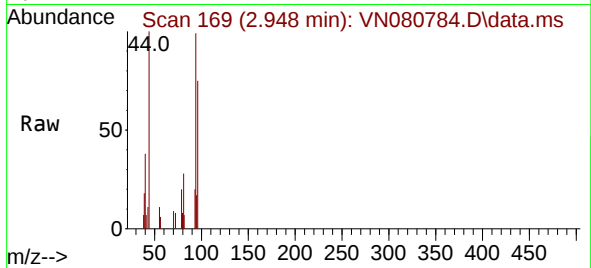
Tgt Ion: 62 Resp: 12397
Ion Ratio Lower Upper
62 100
64 30.5 22.7 34.1





#5
Bromomethane
Concen: 7.374 ug/l m
RT: 2.948 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

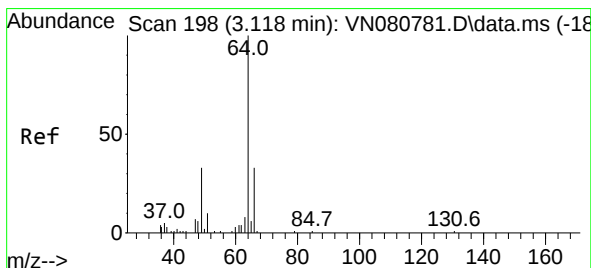
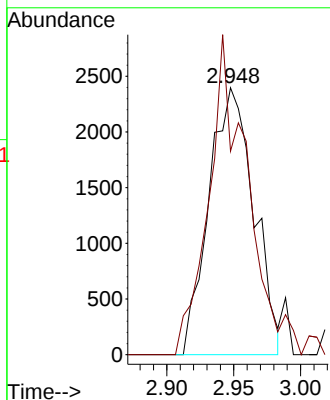
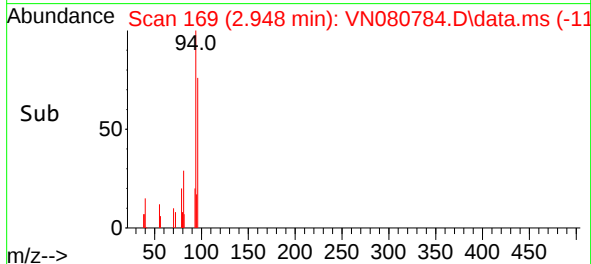
Instrument :
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Tgt Ion: 94 Resp: 5614
Ion Ratio Lower Upper
94 100
96 76.3 69.2 103.8

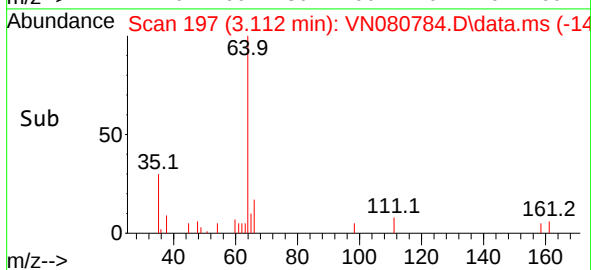
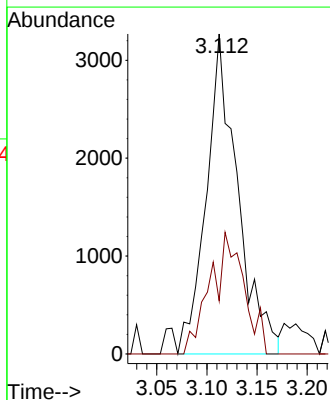
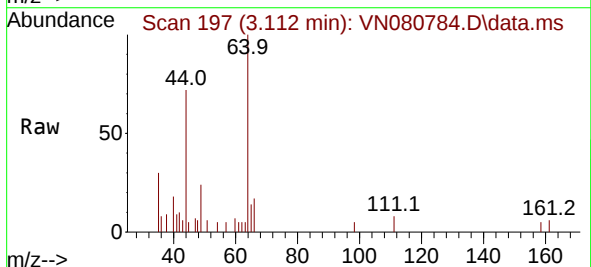
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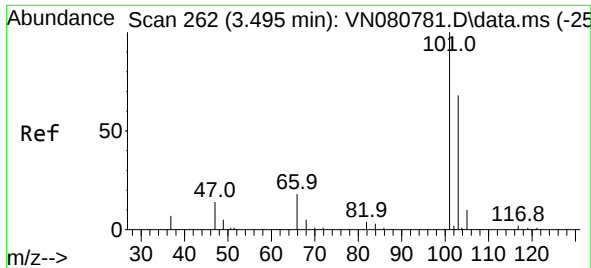
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#6
Chloroethane
Concen: 5.803 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Tgt Ion: 64 Resp: 7107
Ion Ratio Lower Upper
64 100
66 16.7 26.4 39.6#





#7
 Trichlorofluoromethane
 Concen: 4.781 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080784.D
 Acq: 29 Jan 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

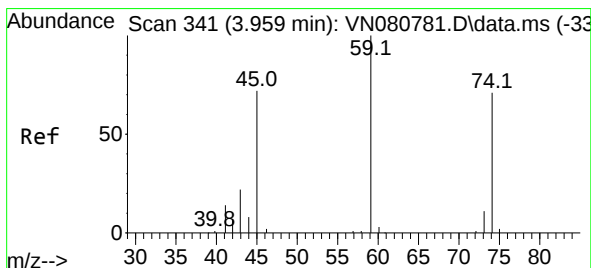
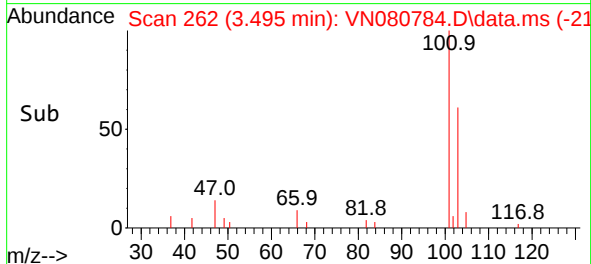
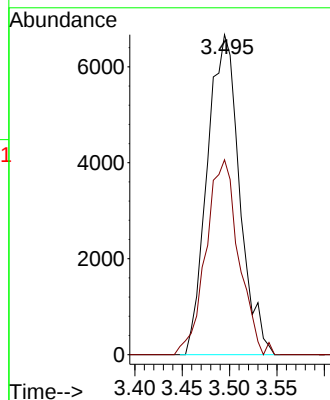
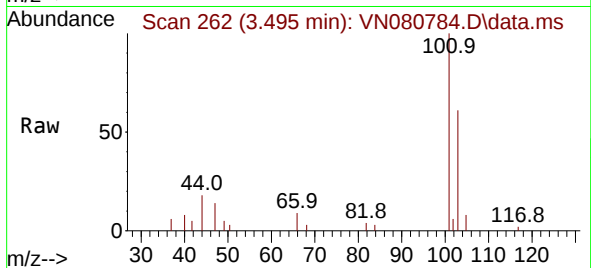
VSTDIC005

Tgt Ion:101 Resp: 1581
 Ion Ratio Lower Upper
 101 100
 103 60.9 54.4 81.6

Manual Integrations

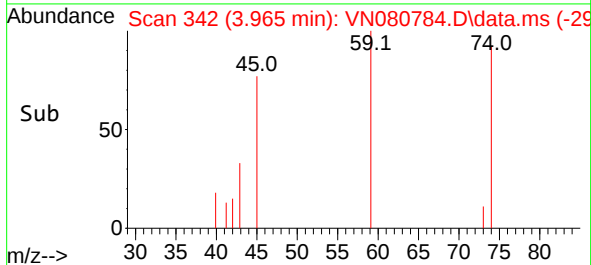
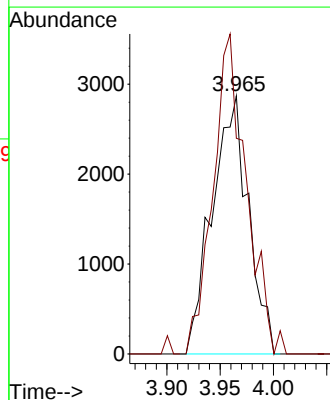
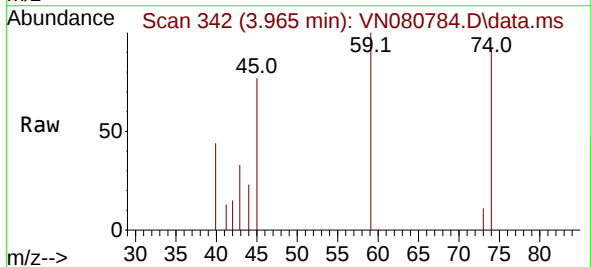
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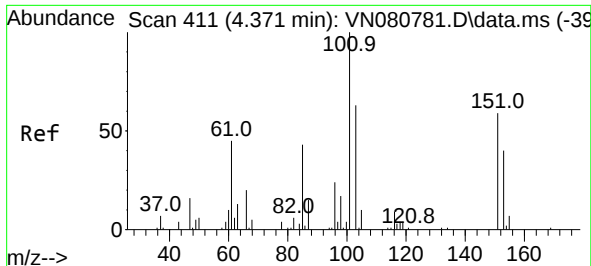
Reviewed By :John Carlone 01/29/2024
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#8
 Diethyl Ether
 Concen: 4.699 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN080784.D
 Acq: 29 Jan 2024 11:25

Tgt Ion: 74 Resp: 6793
 Ion Ratio Lower Upper
 74 100
 45 114.1 53.3 159.9





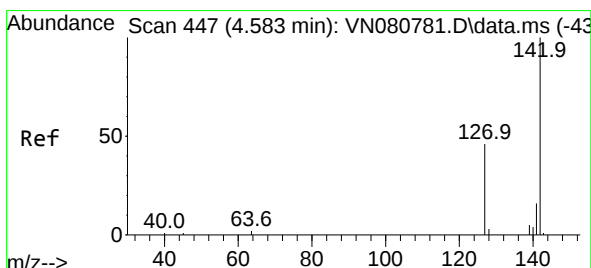
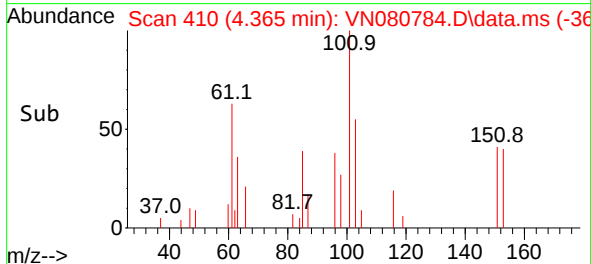
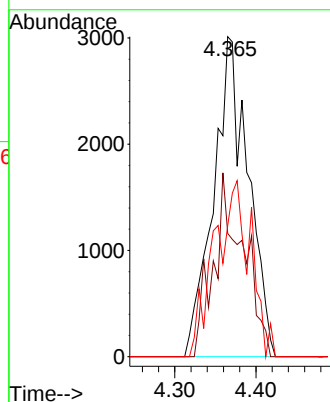
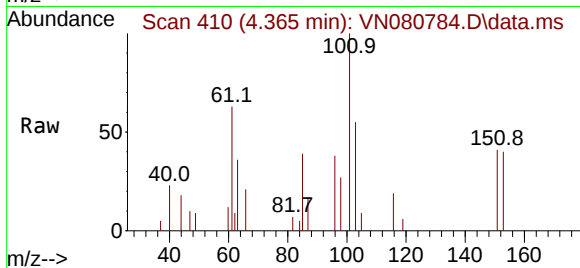
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.957 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 893
Ion Ratio Lower Upper
101 100
85 49.4 38.1 57.1
151 20.8 49.1 73.7

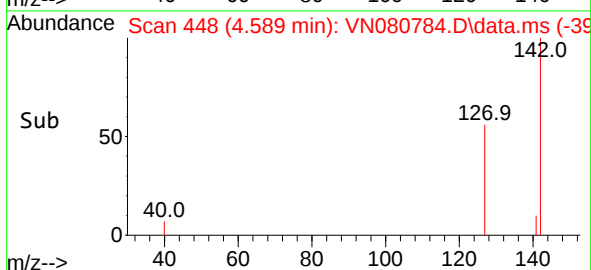
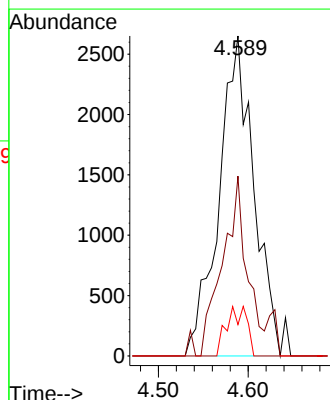
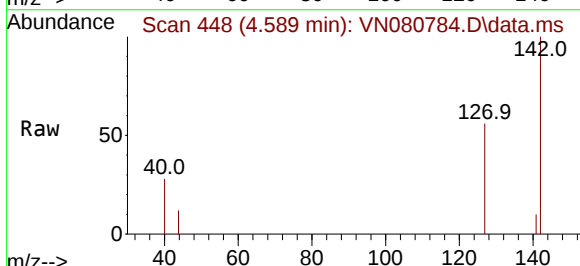
Manual Integrations
APPROVED

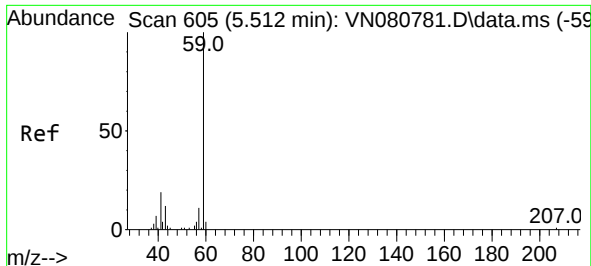
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#10
Methyl Iodide
Concen: 4.734 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

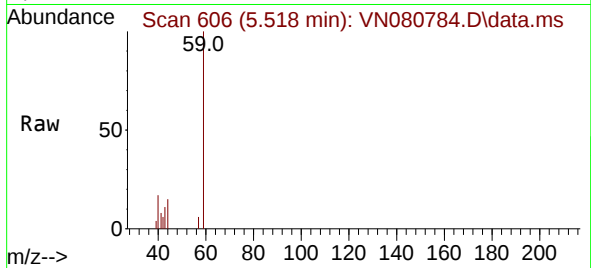
Tgt Ion:142 Resp: 7137
Ion Ratio Lower Upper
142 100
127 56.2 37.0 55.4#
141 9.8 12.5 18.7#





#11
Tert butyl alcohol
Concen: 26.647 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

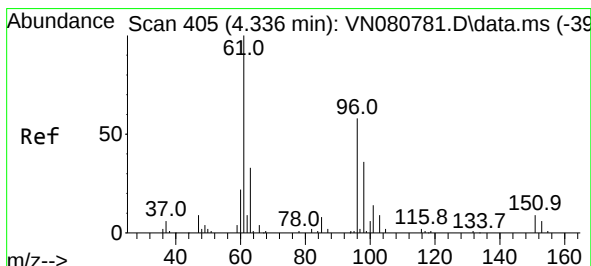
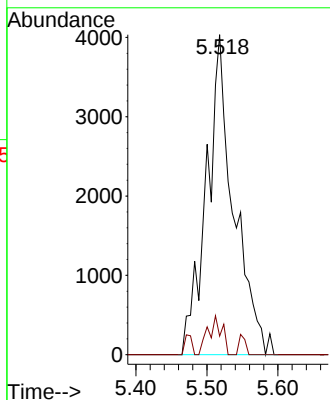
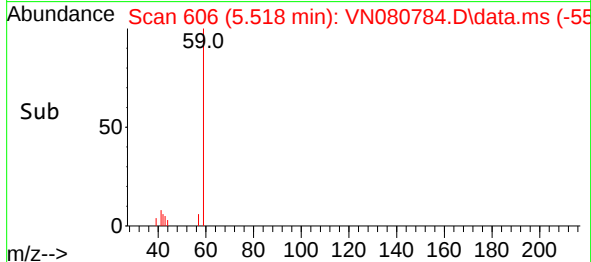
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



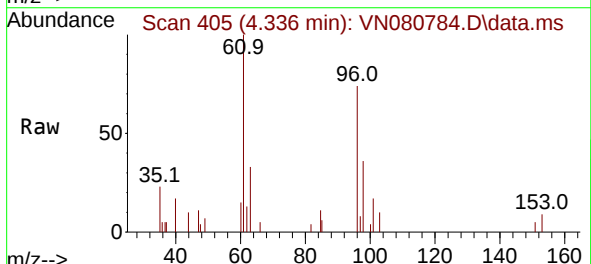
Tgt Ion: 59 Resp: 10754
Ion Ratio Lower Upper
59 100
57 6.1 8.6 12.8

Manual Integrations
APPROVED

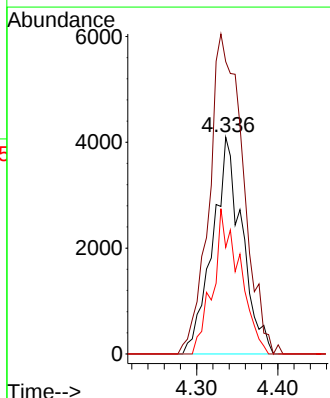
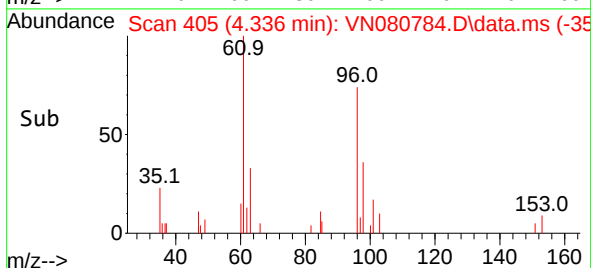
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

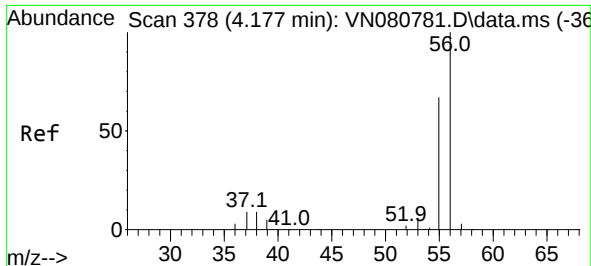


#12
1,1-Dichloroethene
Concen: 5.116 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25



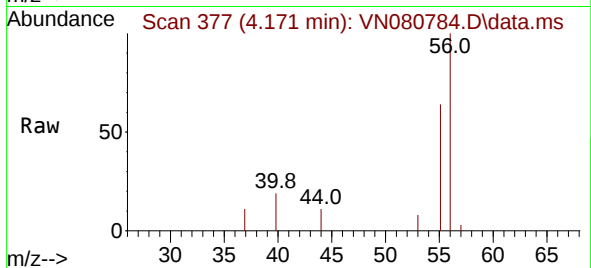
Tgt Ion: 96 Resp: 10380
Ion Ratio Lower Upper
96 100
61 134.8 138.2 207.4#
98 49.1 49.2 73.8#





#13
Acrolein
Concen: 39.103 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

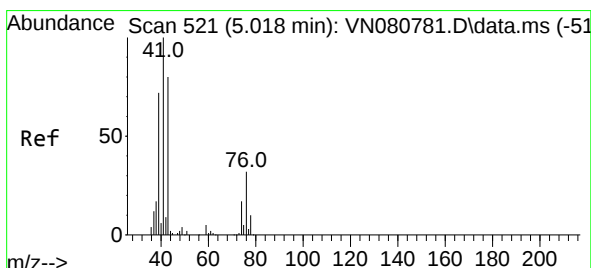
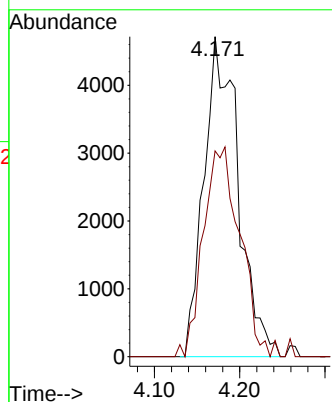
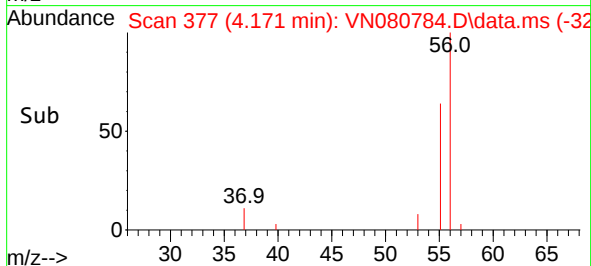
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 13180
Ion Ratio Lower Upper
56 100
55 70.3 55.3 82.9

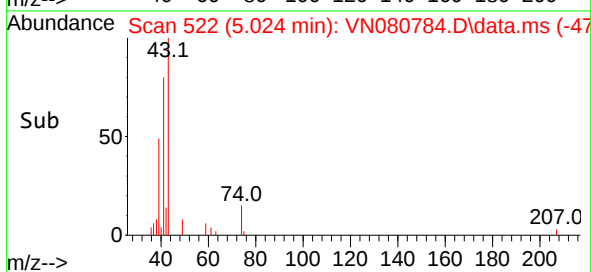
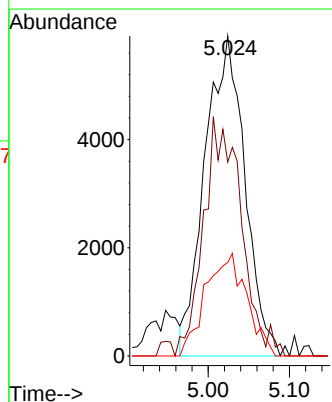
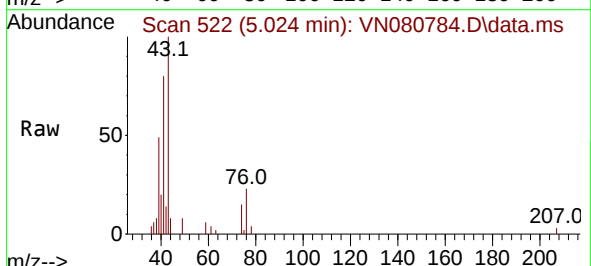
Manual Integrations
APPROVED

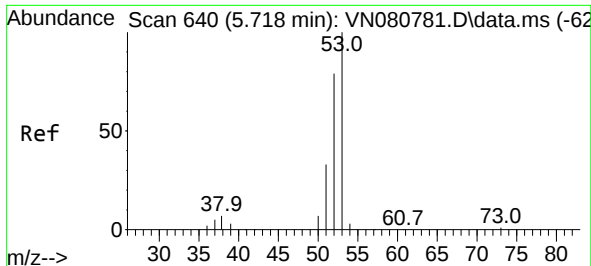
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#14
Allyl chloride
Concen: 5.021 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

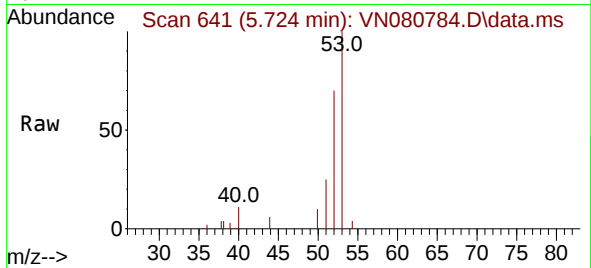
Tgt Ion: 41 Resp: 20194
Ion Ratio Lower Upper
41 100
39 0.0 57.7 86.5#
76 32.9 26.8 40.2





#15
Acrylonitrile
Concen: 30.132 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

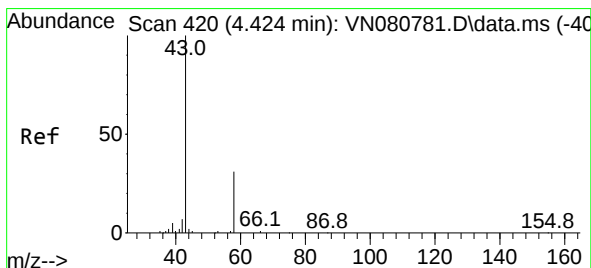
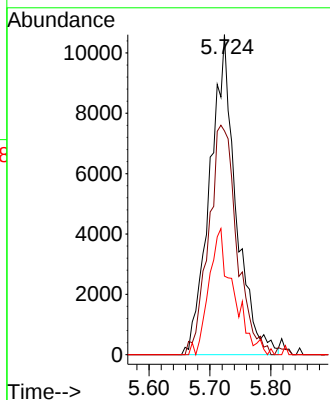
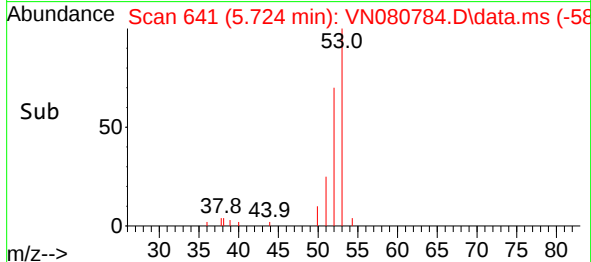
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



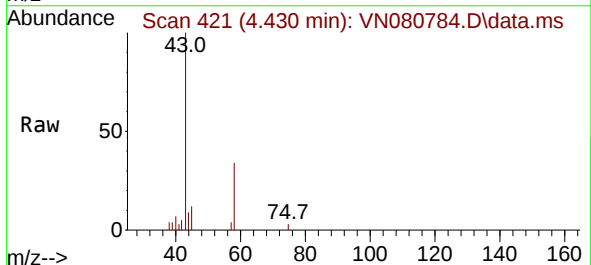
Tgt Ion: 53 Resp: 31750
Ion Ratio Lower Upper
53 100
52 77.0 64.8 97.2
51 37.0 26.9 40.3

Manual Integrations
APPROVED

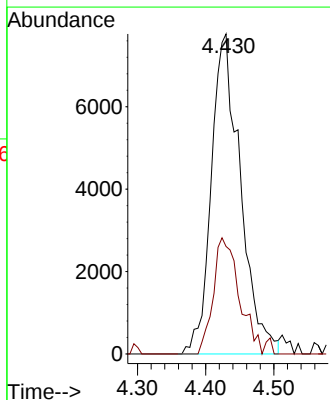
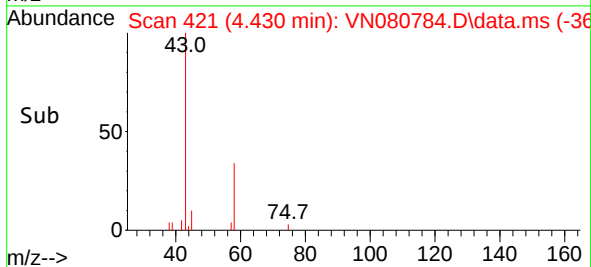
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

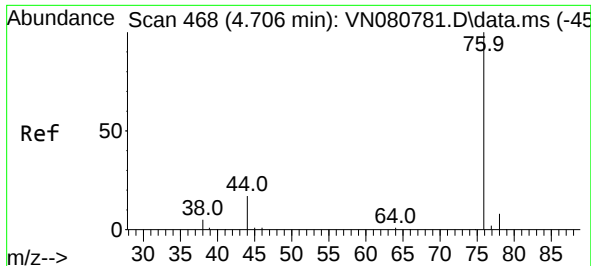


#16
Acetone
Concen: 29.515 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25



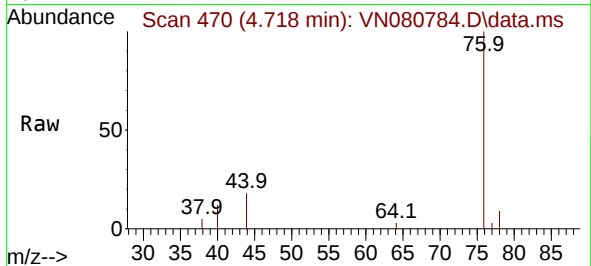
Tgt Ion: 43 Resp: 23124
Ion Ratio Lower Upper
43 100
58 33.6 24.8 37.2





#17
Carbon Disulfide
Concen: 5.058 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

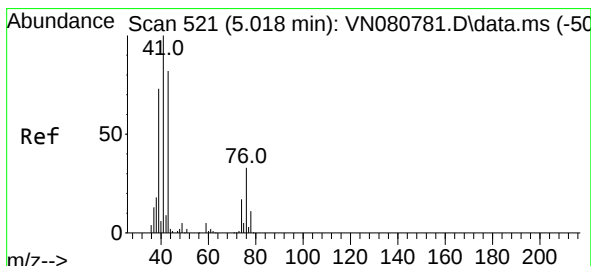
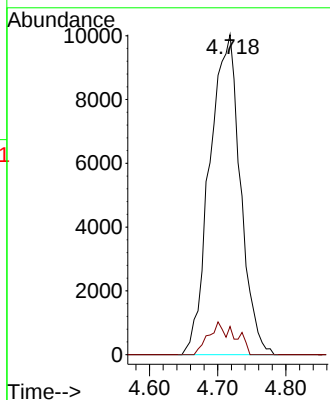
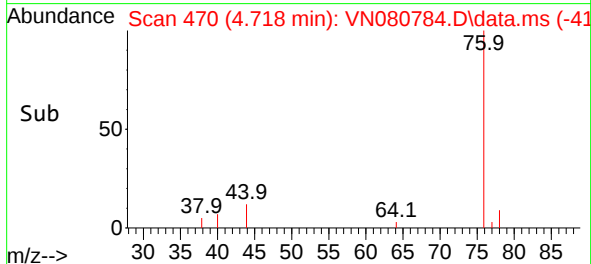
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 3138
Ion Ratio Lower Upper
76 100
78 8.8 6.3 9.5

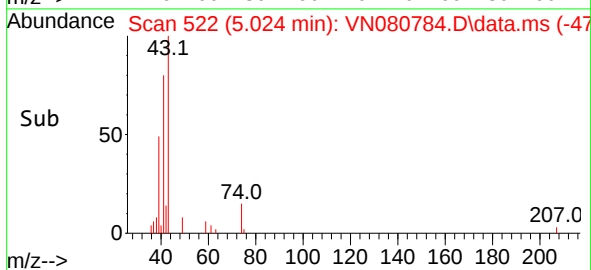
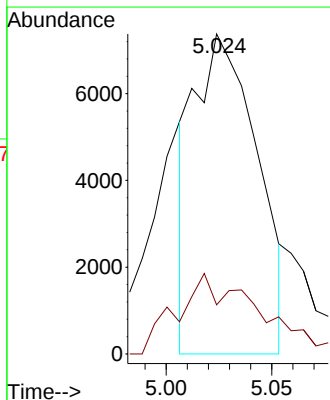
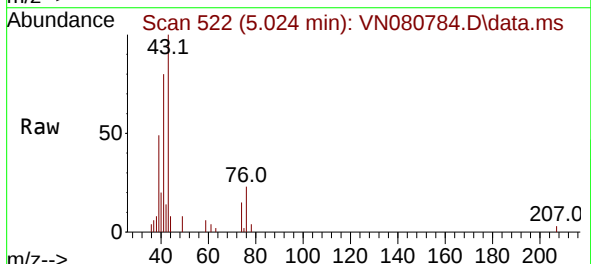
Manual Integrations
APPROVED

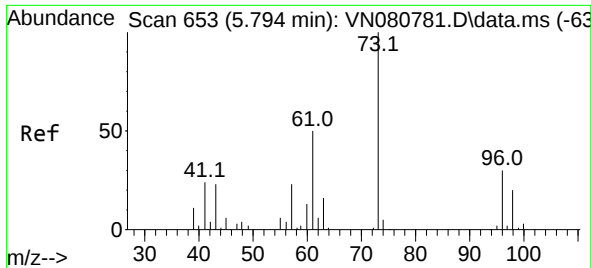
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#18
Methyl Acetate
Concen: 6.590 ug/l m
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Tgt Ion: 43 Resp: 15375
Ion Ratio Lower Upper
43 100
74 32.2 17.3 25.9#





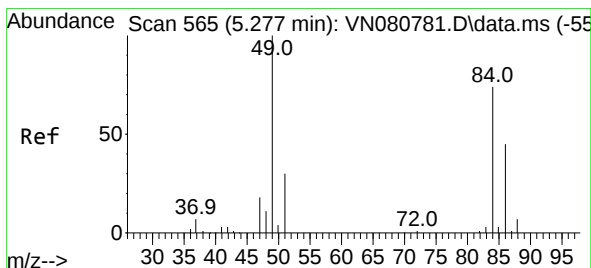
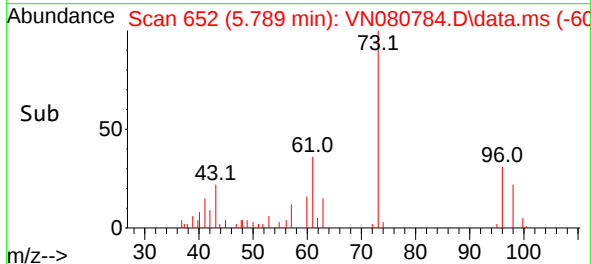
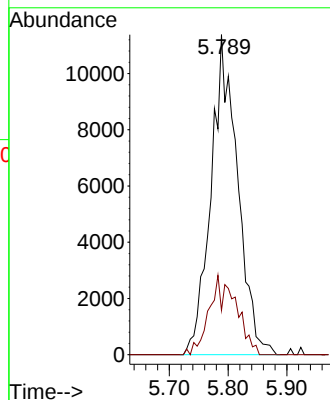
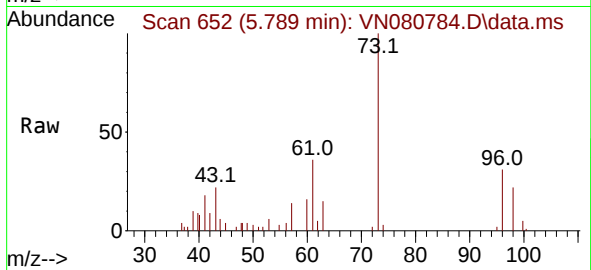
#19
Methyl tert-butyl Ether
Concen: 5.114 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 3575
Ion Ratio Lower Upper
73 100
57 13.8 18.2 27.4

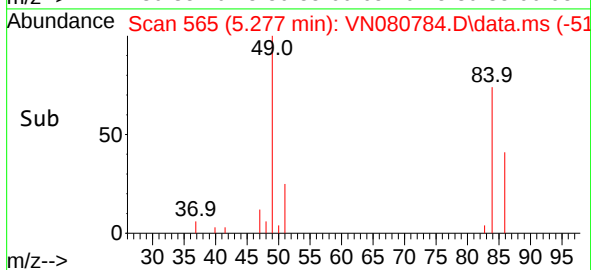
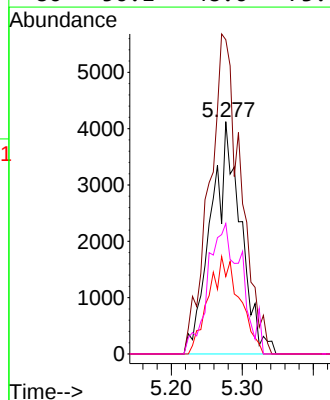
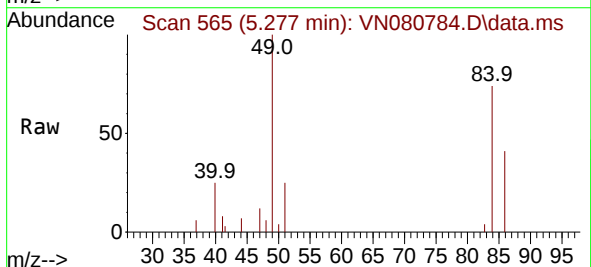
Manual Integrations
APPROVED

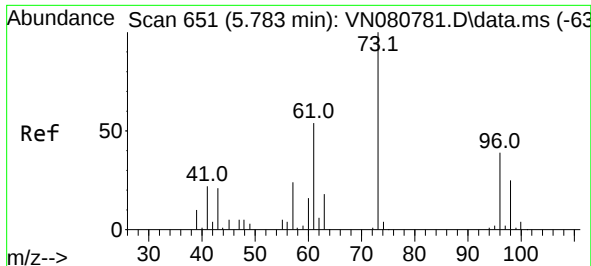
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#20
Methylene Chloride
Concen: 5.245 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Tgt Ion: 84 Resp: 11996
Ion Ratio Lower Upper
84 100
49 135.3 108.1 162.1
51 33.4 32.9 49.3
86 56.1 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 5.303 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.012 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

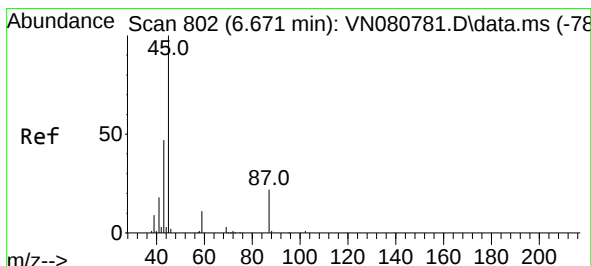
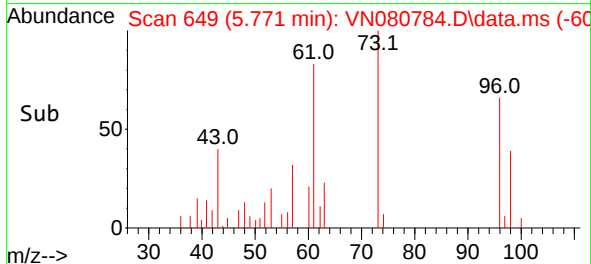
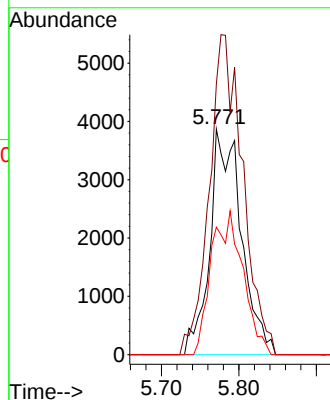
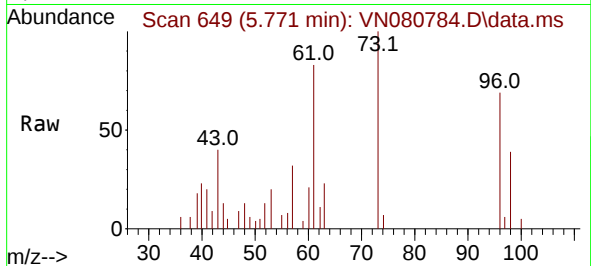
Tgt Ion: 96 Resp: 10914
Ion Ratio Lower Upper
96 100
61 120.0 112.8 169.2
98 56.6 51.0 76.4

Manual Integrations

APPROVED

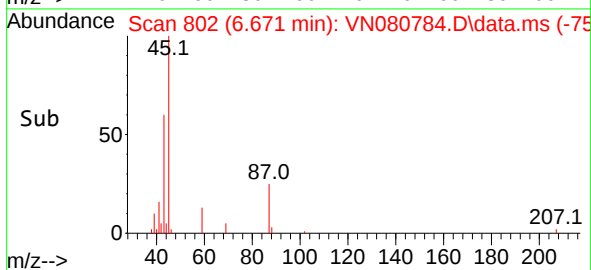
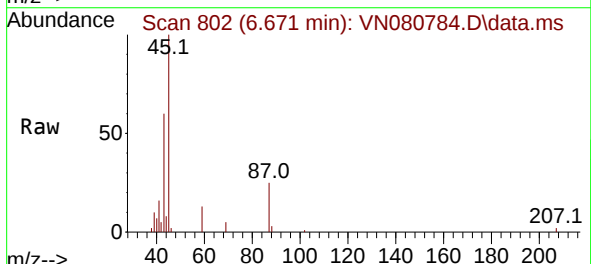
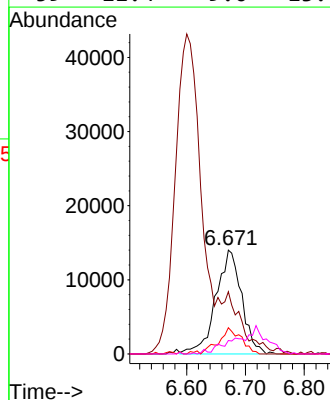
Reviewed By :John Carlone 01/29/2024

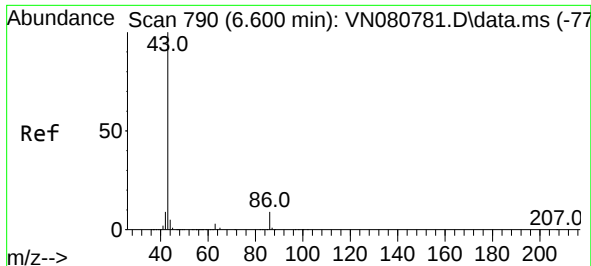
Supervised By :Mahesh Dadoda 01/30/2024



#22
Diisopropyl ether
Concen: 5.645 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

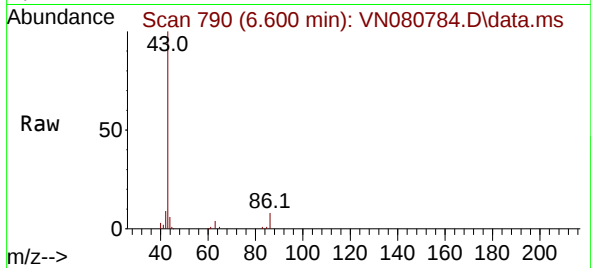
Tgt Ion: 45 Resp: 42811
Ion Ratio Lower Upper
45 100
43 55.0 41.8 62.8
87 25.2 18.1 27.1
59 11.4 9.0 13.6





#23
 Vinyl Acetate
 Concen: 21.706 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080784.D
 Acq: 29 Jan 2024 11:25

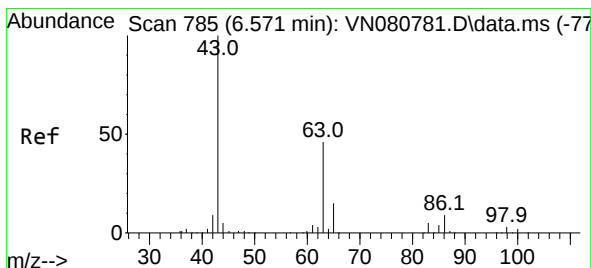
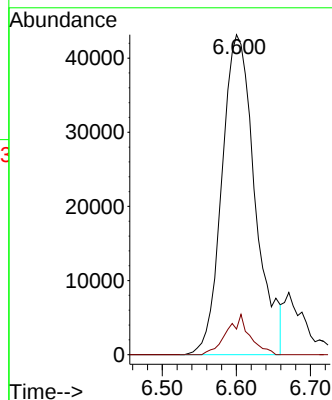
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 43 Resp: 13398
 Ion Ratio Lower Upper
 43 100
 86 8.0 7.1 10.7

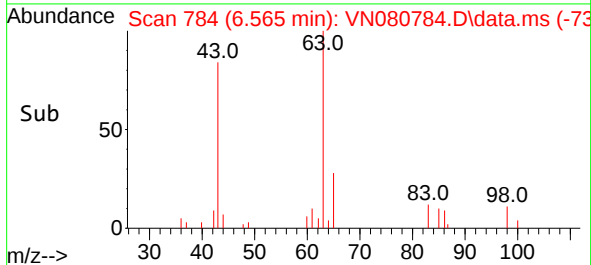
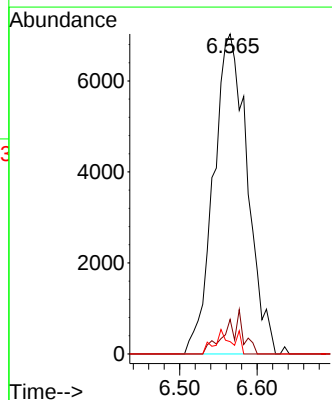
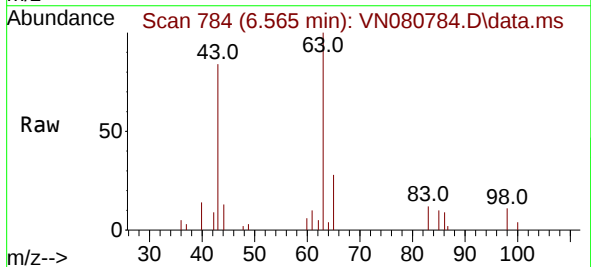
Manual Integrations
 APPROVED

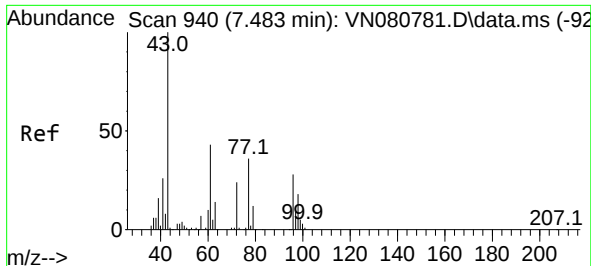
Reviewed By :John Carlone 01/29/2024
 Supervised By :Mahesh Dadoda 01/30/2024



#24
 1,1-Dichloroethane
 Concen: 5.133 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080784.D
 Acq: 29 Jan 2024 11:25

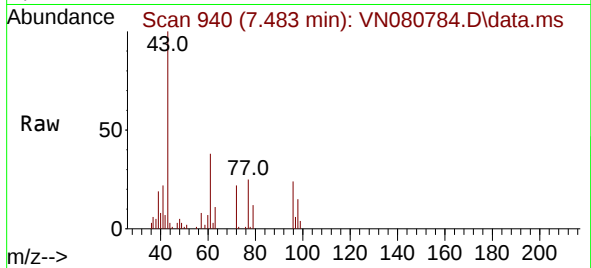
Tgt Ion: 63 Resp: 21308
 Ion Ratio Lower Upper
 63 100
 98 10.8 2.9 8.6#
 100 3.9 1.9 5.7





#25
2-Butanone
Concen: 30.990 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

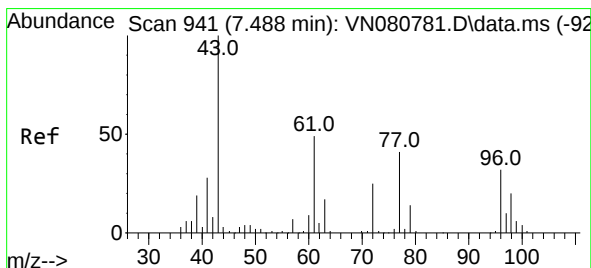
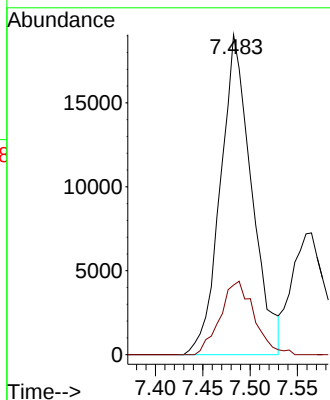
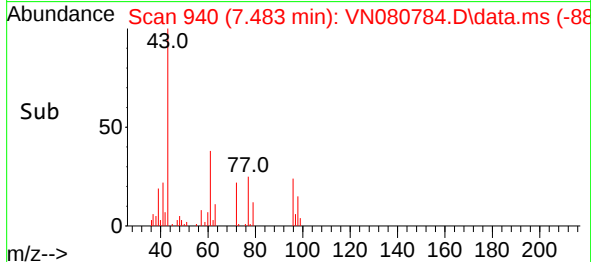
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



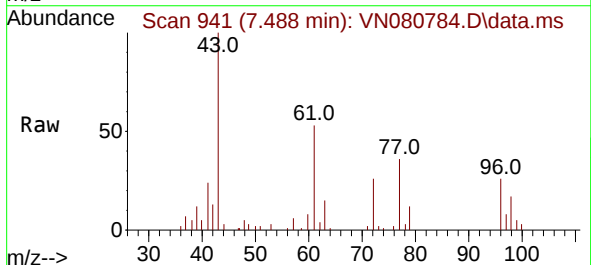
Tgt Ion: 43 Resp: 4388
Ion Ratio Lower Upper
43 100
72 21.8 19.5 29.3

Manual Integrations
APPROVED

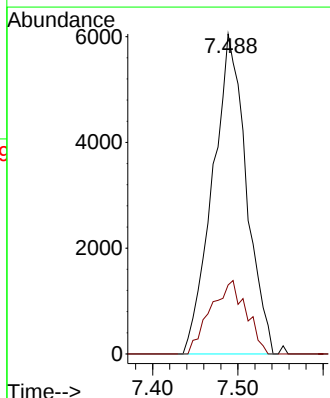
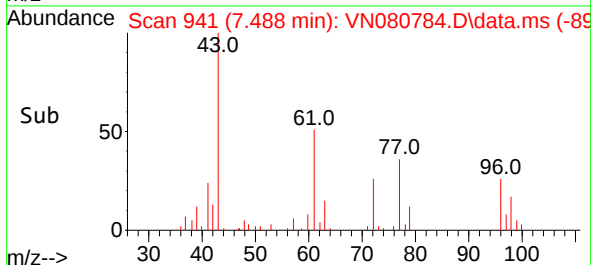
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

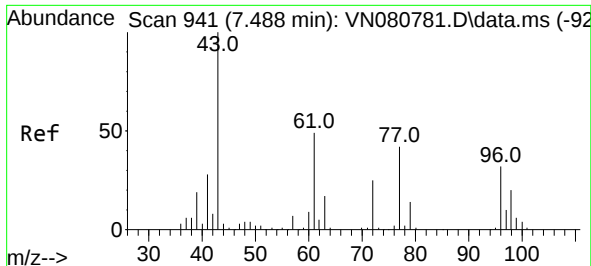


#26
2,2-Dichloropropane
Concen: 4.585 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25



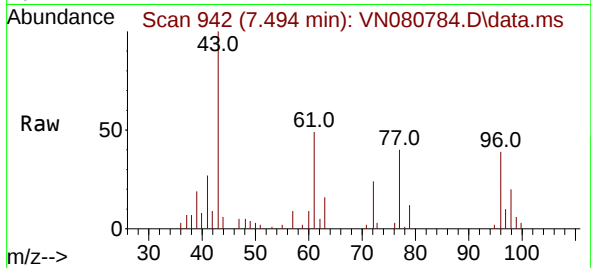
Tgt Ion: 77 Resp: 16648
Ion Ratio Lower Upper
77 100
97 24.2 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 5.455 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080784.D
 Acq: 29 Jan 2024 11:25

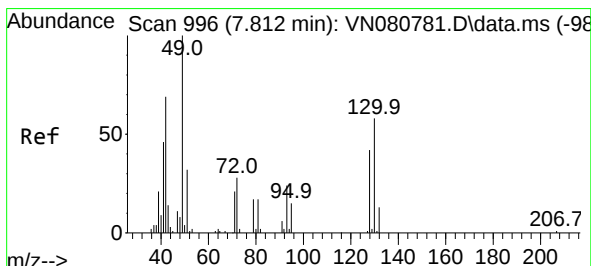
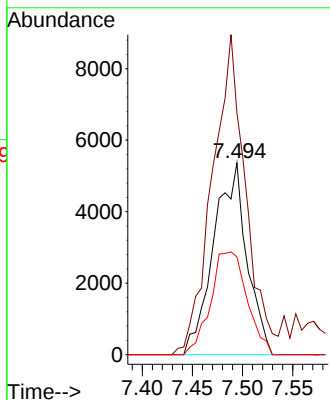
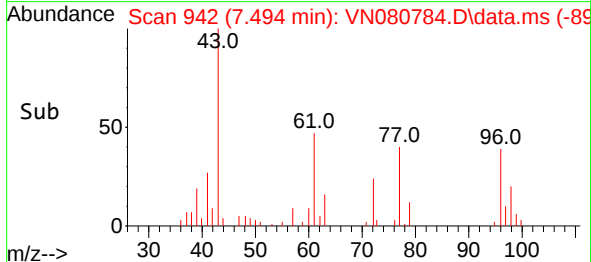
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 12374
 Ion Ratio Lower Upper
 96 100
 61 167.1 0.0 325.4
 98 58.8 0.0 130.4

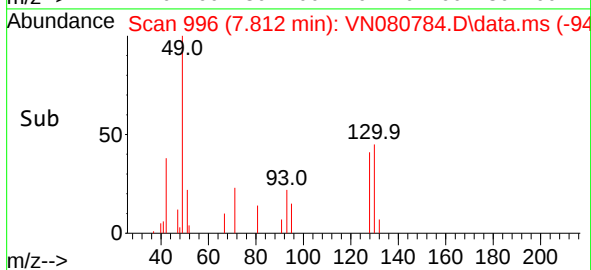
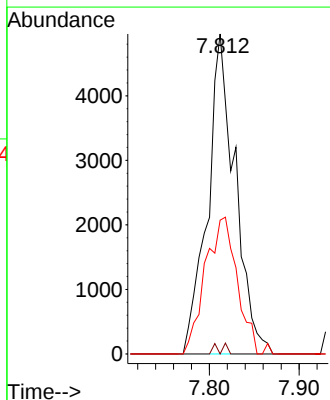
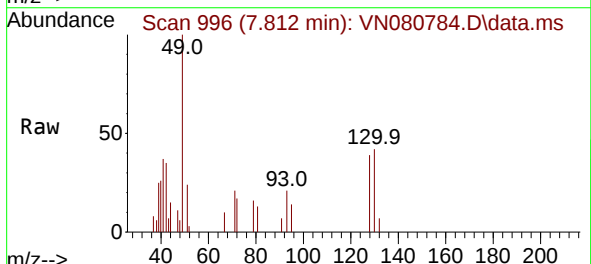
Manual Integrations
 APPROVED

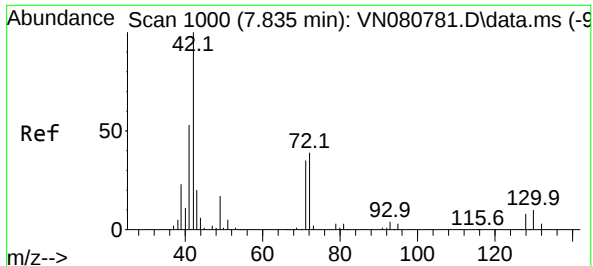
Reviewed By :John Carlone 01/29/2024
 Supervised By :Mahesh Dadoda 01/30/2024



#28
 Bromochloromethane
 Concen: 5.449 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080784.D
 Acq: 29 Jan 2024 11:25

Tgt Ion: 49 Resp: 10576
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 1.6
 130 49.0 42.3 63.5





#29

Tetrahydrofuran

Concen: 29.629 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080784.D

Acq: 29 Jan 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

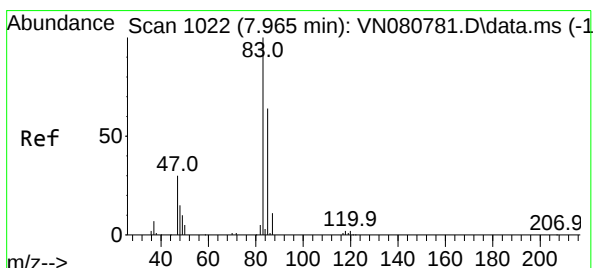
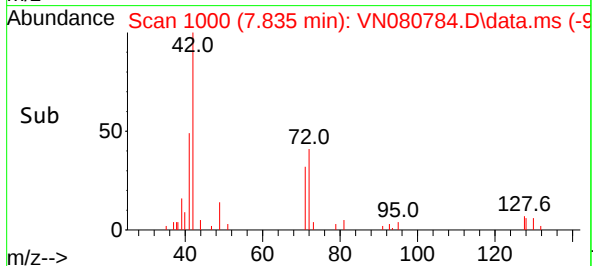
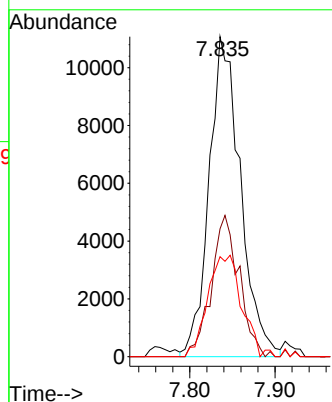
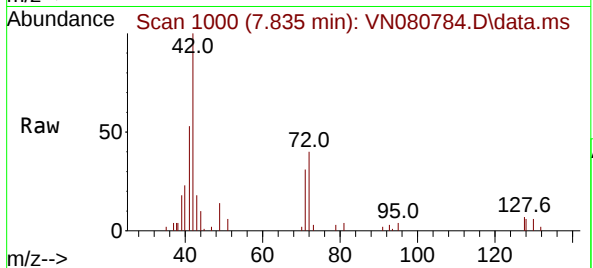
Tgt Ion:	42	Resp:	2828
Ion Ratio	Lower	Upper	
42	100		
72	39.4	31.1	46.7
71	34.5	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#30

Chloroform

Concen: 4.742 ug/l

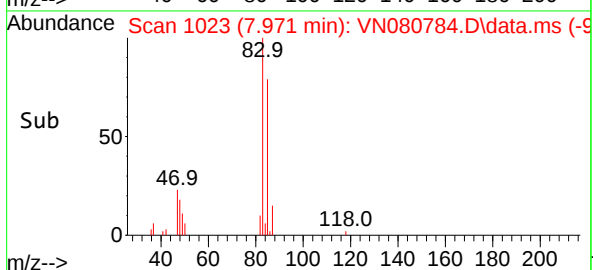
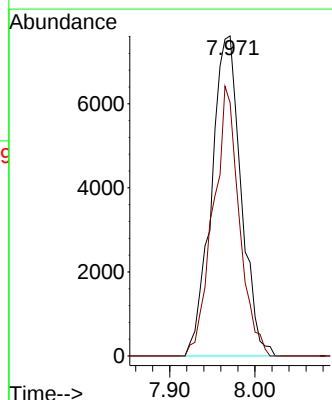
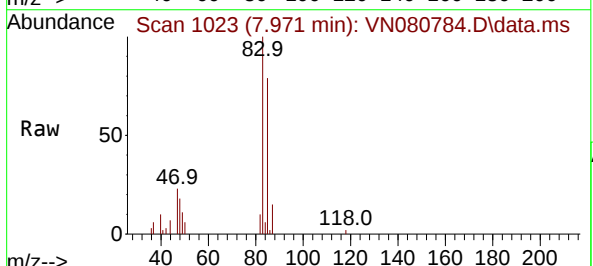
RT: 7.971 min Scan# 1023

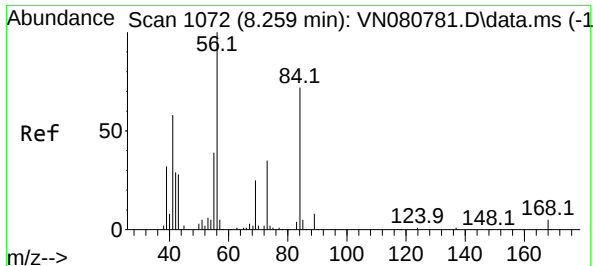
Delta R.T. 0.006 min

Lab File: VN080784.D

Acq: 29 Jan 2024 11:25

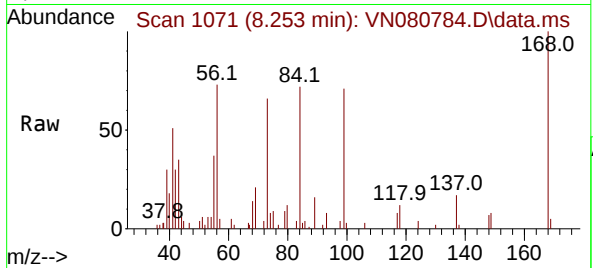
Tgt Ion:	83	Resp:	18457
Ion Ratio	Lower	Upper	
83	100		
85	79.1	51.0	76.6





#31
Cyclohexane
Concen: 6.476 ug/l
RT: 8.253 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

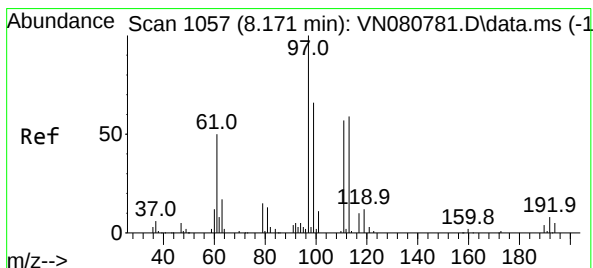
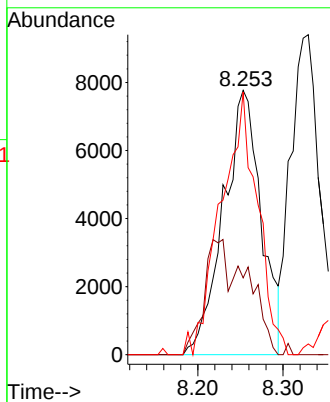
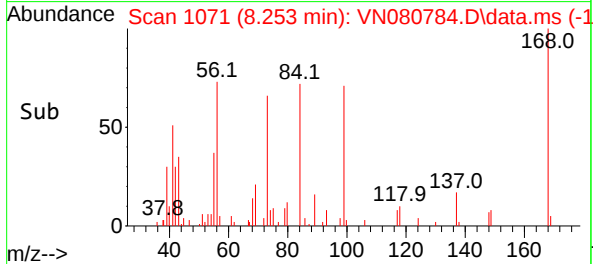
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



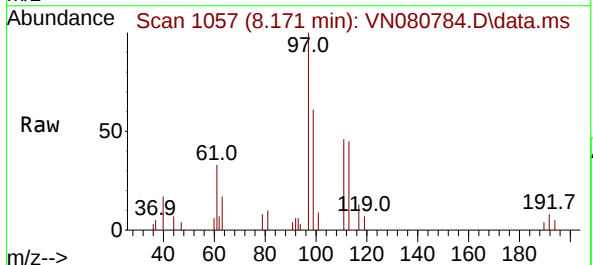
Tgt Ion: 56 Resp: 23872
Ion Ratio Lower Upper
56 100
69 29.0 20.1 30.1
84 99.4 56.9 85.3

Manual Integrations
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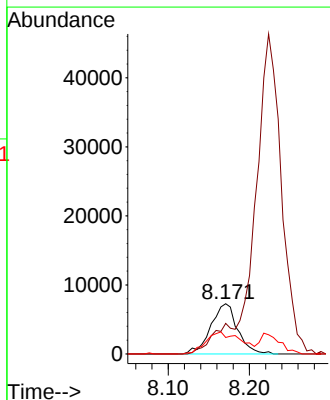
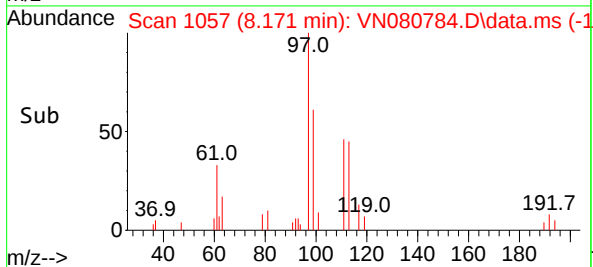
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

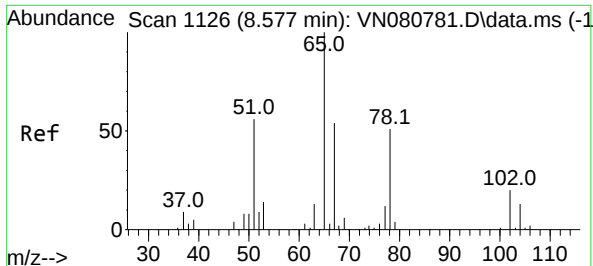


#32
1,1,1-Trichloroethane
Concen: 4.812 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25



Tgt Ion: 97 Resp: 16672
Ion Ratio Lower Upper
97 100
99 0.0 53.4 80.0#
61 57.3 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 5.156 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080784.D

Acq: 29 Jan 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 1230

Ion Ratio Lower Upper

65 100

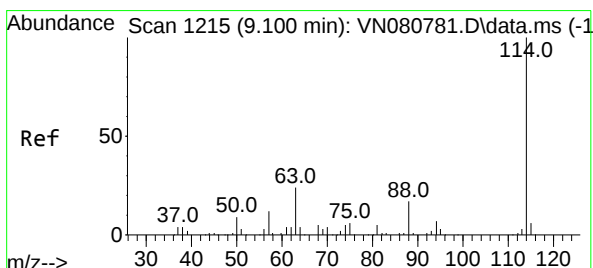
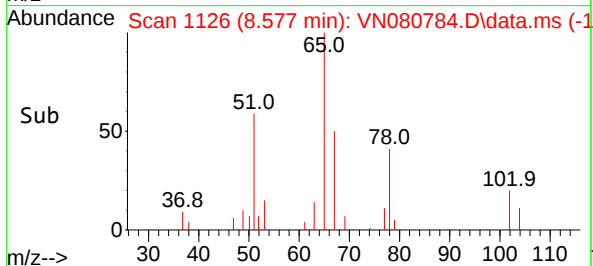
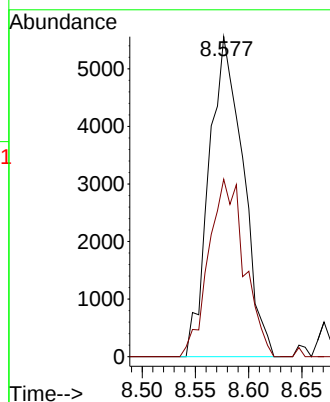
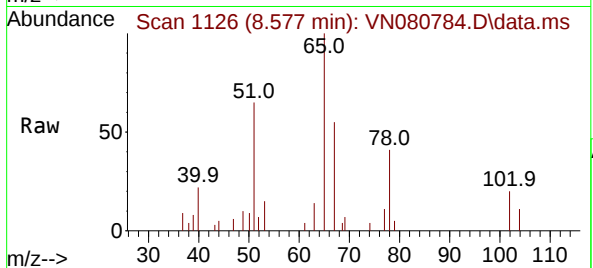
67 58.4 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080784.D

Acq: 29 Jan 2024 11:25

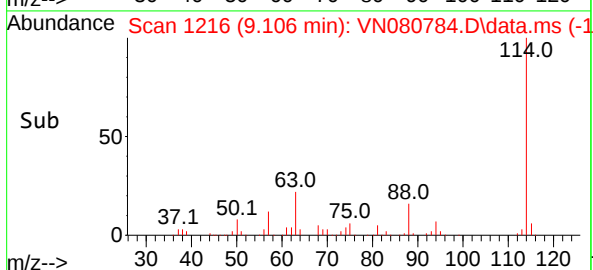
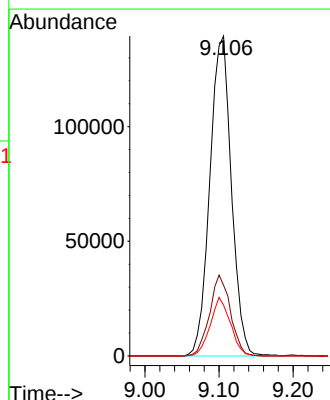
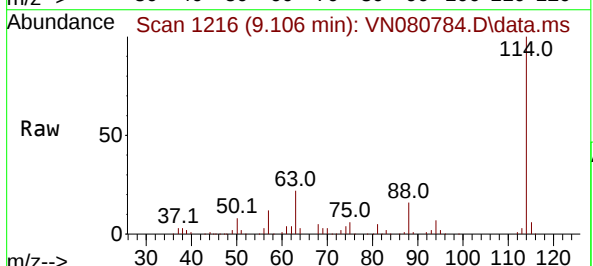
Tgt Ion:114 Resp: 281695

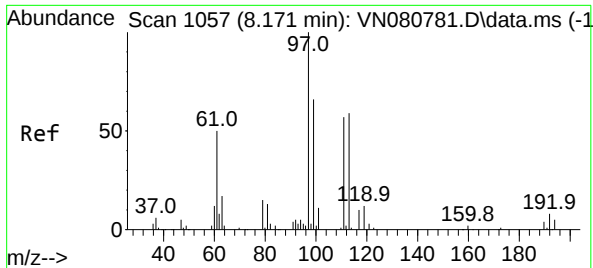
Ion Ratio Lower Upper

114 100

63 22.1 0.0 48.0

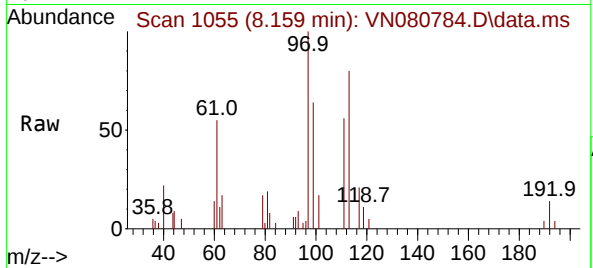
88 15.9 0.0 34.8





#35
Dibromofluoromethane
Concen: 5.313 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

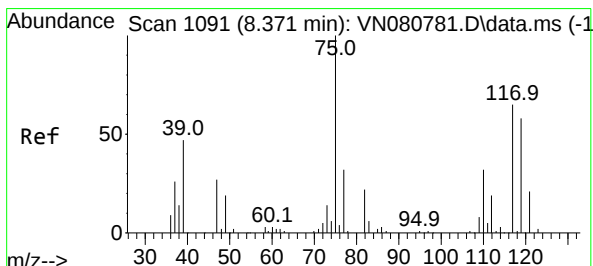
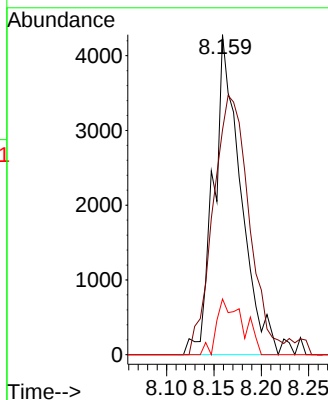
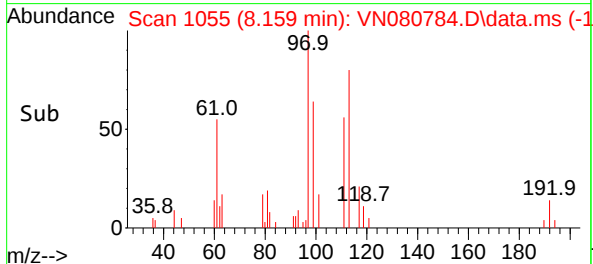
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



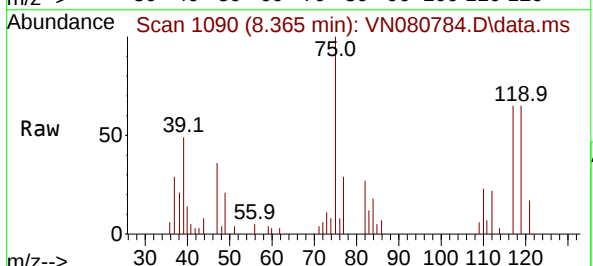
Tgt Ion: 113 Resp: 850
Ion Ratio Lower Upper
113 100
111 107.9 82.2 123.4
192 16.9 12.5 18.7

Manual Integrations
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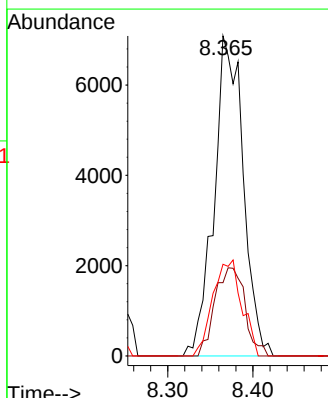
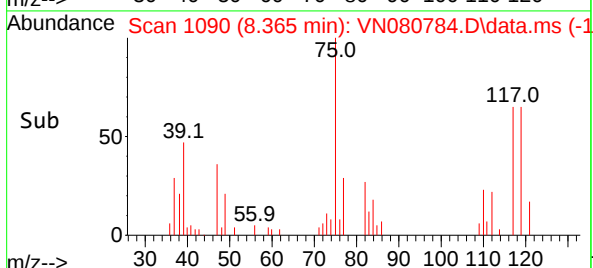
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

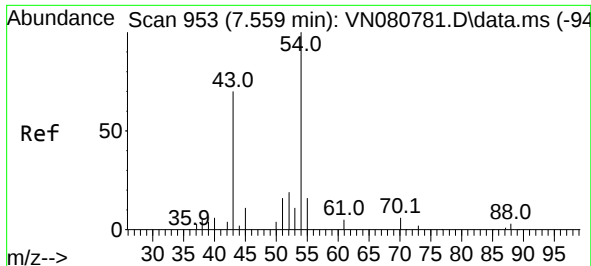


#36
1,1-Dichloropropene
Concen: 5.131 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25



Tgt Ion: 75 Resp: 16823
Ion Ratio Lower Upper
75 100
110 28.4 16.0 48.0
77 29.8 25.8 38.6





#37

Ethyl Acetate

Concen: 5.796 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080784.D

Acq: 29 Jan 2024 11:25

Instrument :

MSVOA_N

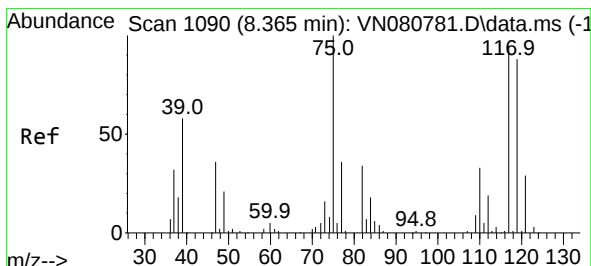
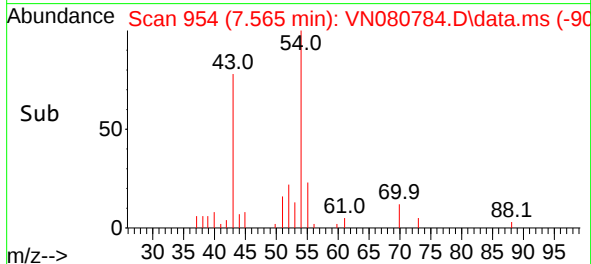
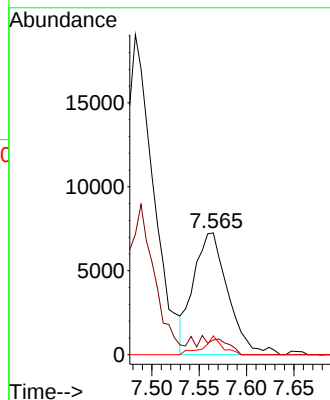
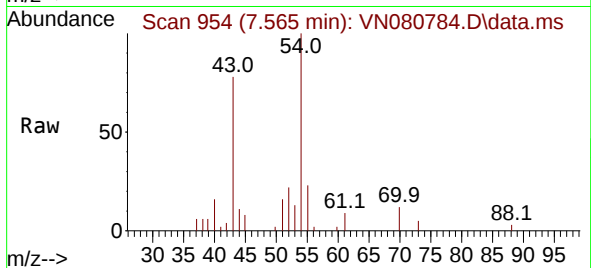
ClientSampleId :

VSTDIC005

Tgt Ion: 43	Resp: 18428
Ion Ratio	Lower Upper
43 100	
61 0.0	10.6 15.8
70 8.3	8.0 12.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#38

Carbon Tetrachloride

Concen: 4.397 ug/l

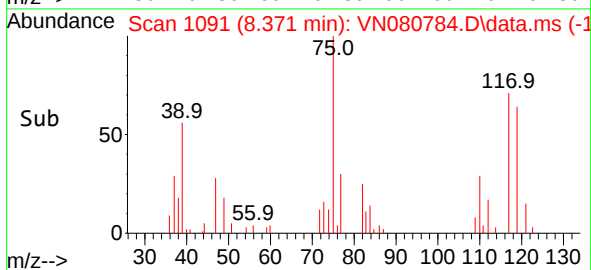
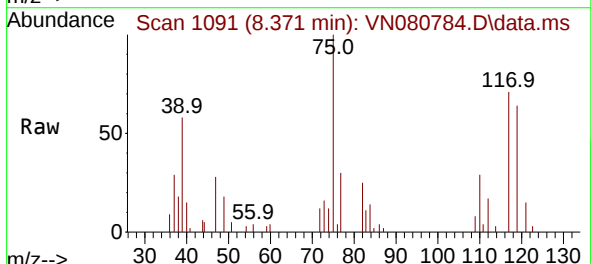
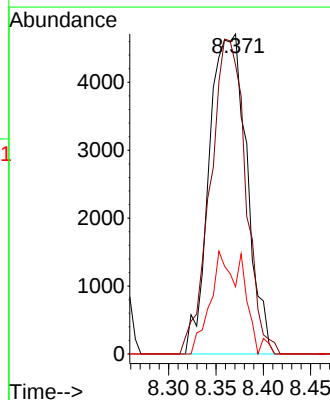
RT: 8.371 min Scan# 1091

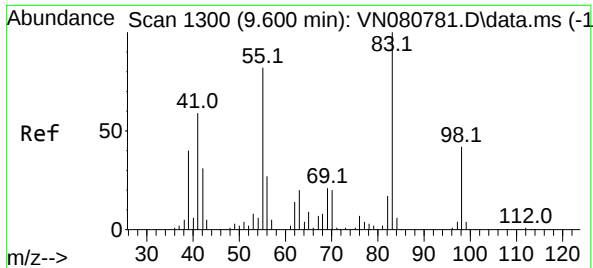
Delta R.T. 0.006 min

Lab File: VN080784.D

Acq: 29 Jan 2024 11:25

Tgt Ion:117	Resp: 12944
Ion Ratio	Lower Upper
117 100	
119 90.4	73.4 110.2
121 21.0	24.4 36.6





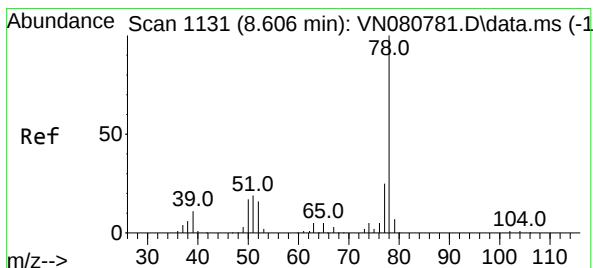
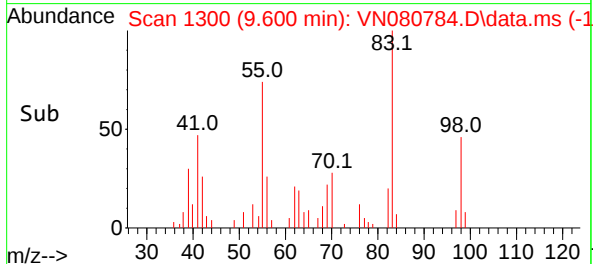
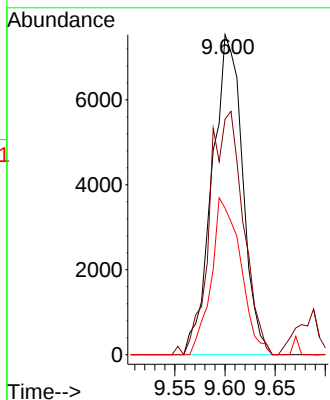
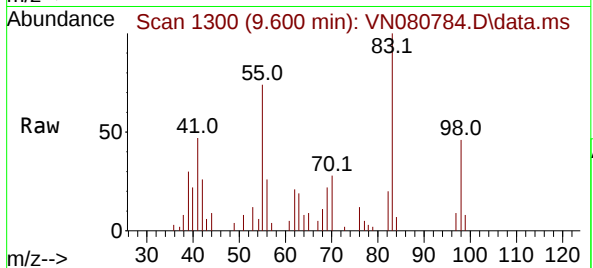
#39
Methylcyclohexane
Concen: 5.055 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 15860
Ion Ratio Lower Upper
83 100
55 73.6 65.7 98.5
98 45.8 33.8 50.6

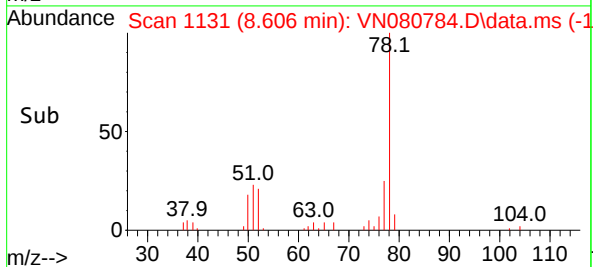
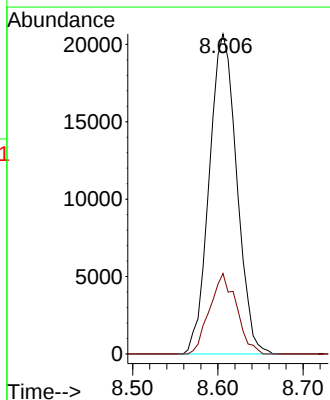
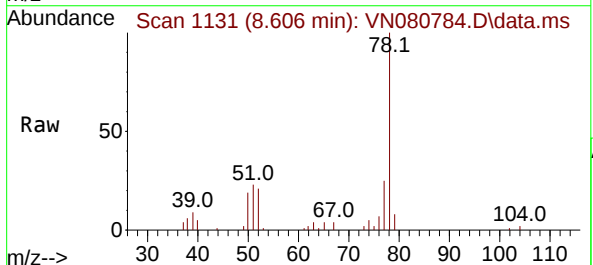
Manual Integrations
APPROVED

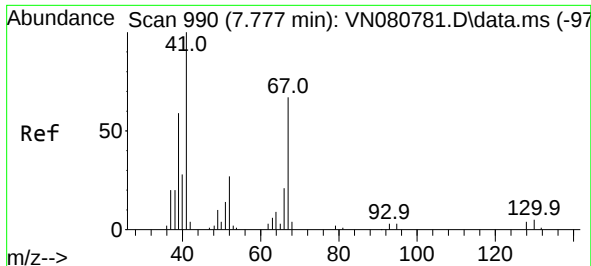
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#40
Benzene
Concen: 5.027 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Tgt Ion: 78 Resp: 46330
Ion Ratio Lower Upper
78 100
77 25.1 20.4 30.6





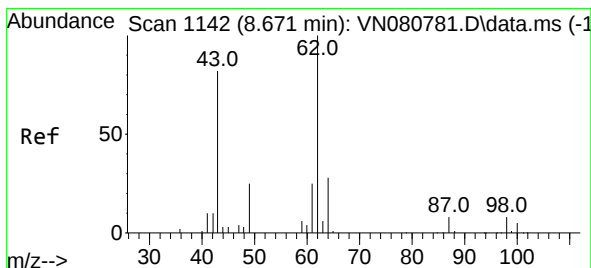
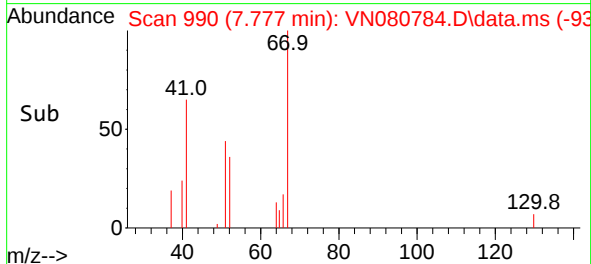
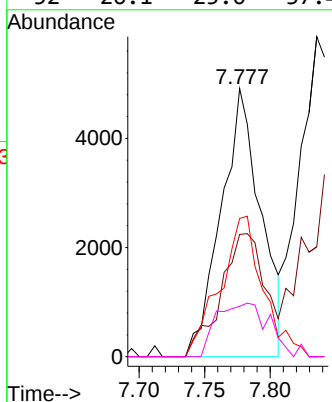
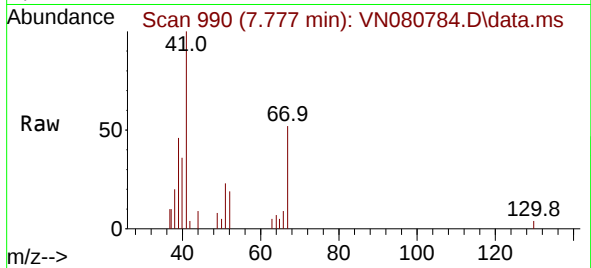
#41
Methacrylonitrile
Concen: 5.605 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 41	Resp: 1033
Ion Ratio	Lower Upper
41	100
39	51.6 48.4 72.6
67	56.6 56.8 85.2
52	26.1 25.0 37.4

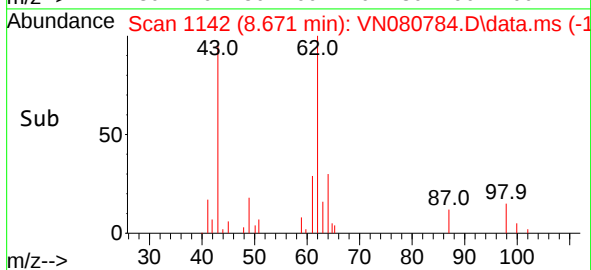
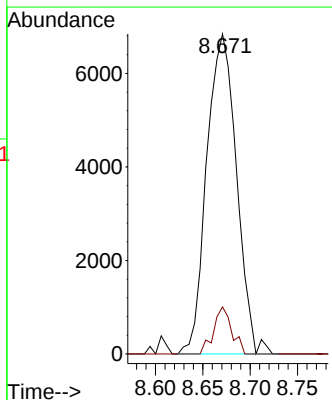
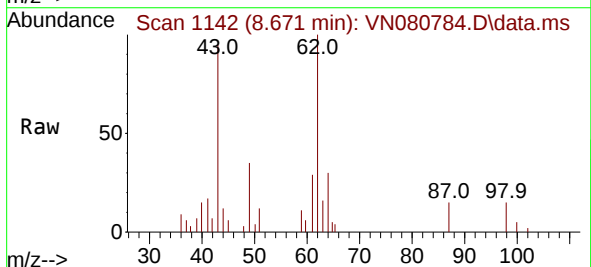
Manual Integrations
APPROVED

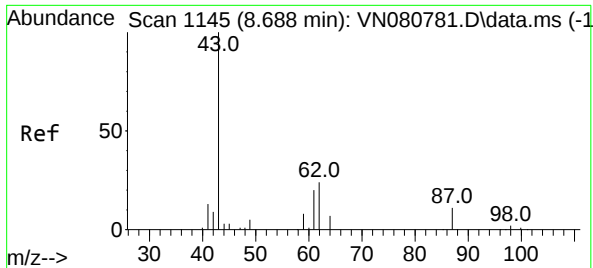
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#42
1,2-Dichloroethane
Concen: 4.245 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Tgt Ion: 62	Resp: 14977
Ion Ratio	Lower Upper
62	100
98	8.9 0.0 18.0





#43

Isopropyl Acetate

Concen: 5.118 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080784.D

Acq: 29 Jan 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

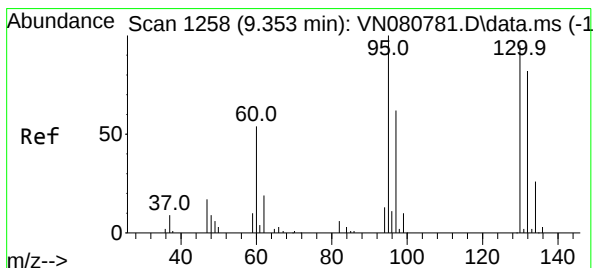
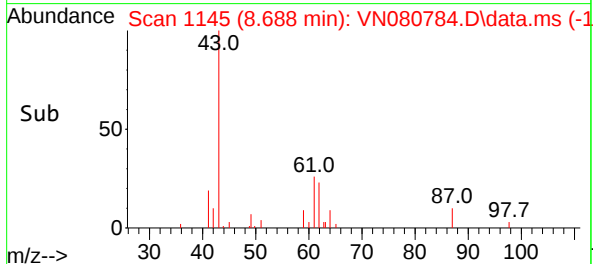
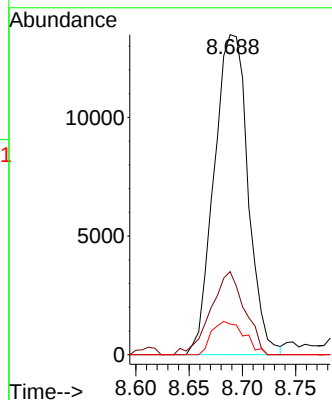
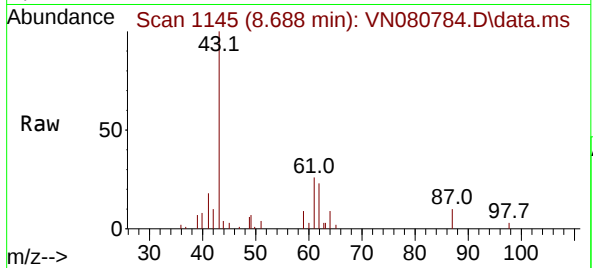
Tgt Ion: 43	Resp: 2990
Ion Ratio	Lower Upper
43 100	
61 25.9	19.9 29.9
87 10.0	9.0 13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#44

Trichloroethene

Concen: 5.139 ug/l

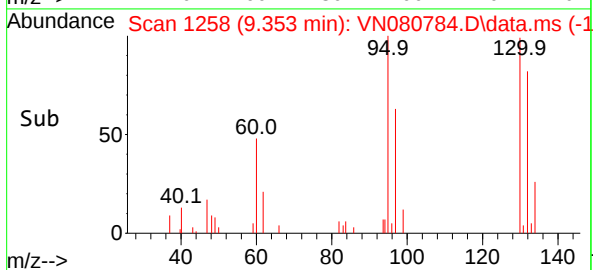
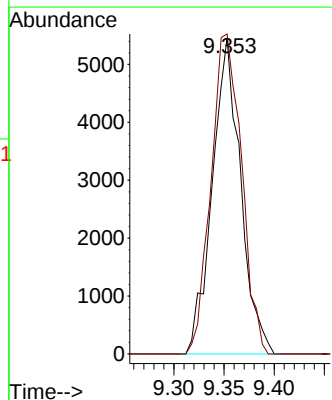
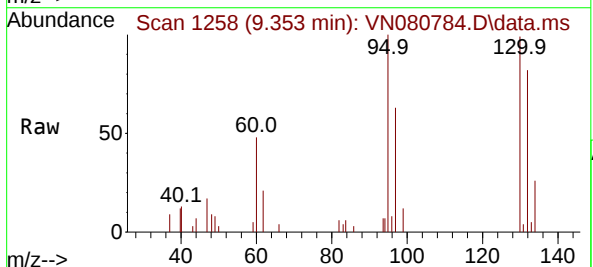
RT: 9.353 min Scan# 1258

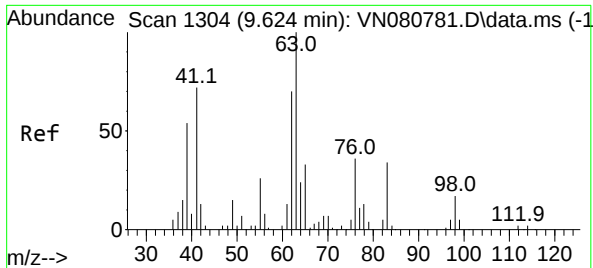
Delta R.T. 0.000 min

Lab File: VN080784.D

Acq: 29 Jan 2024 11:25

Tgt Ion:130	Resp: 10723
Ion Ratio	Lower Upper
130 100	
95 101.2	0.0 210.4





#45

1,2-Dichloropropane

Concen: 5.157 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080784.D

Acq: 29 Jan 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1260

Ion Ratio Lower Upper

63 100

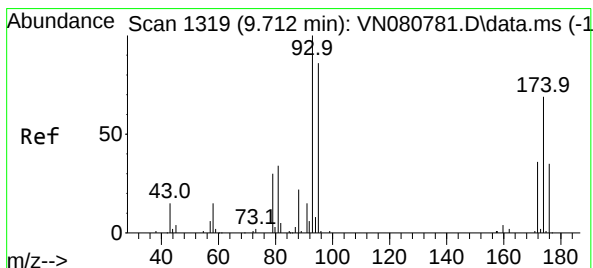
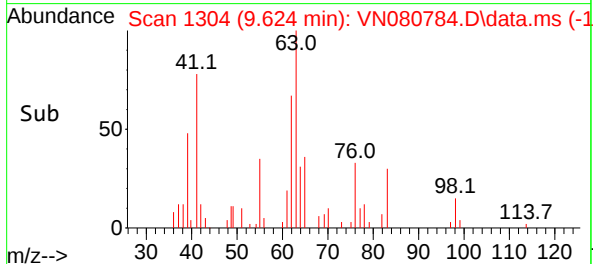
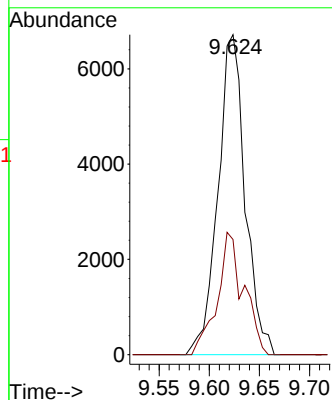
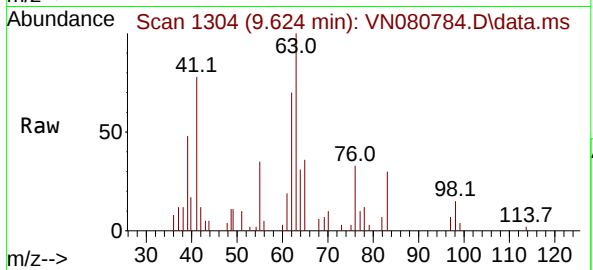
65 36.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#46

Dibromomethane

Concen: 4.608 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080784.D

Acq: 29 Jan 2024 11:25

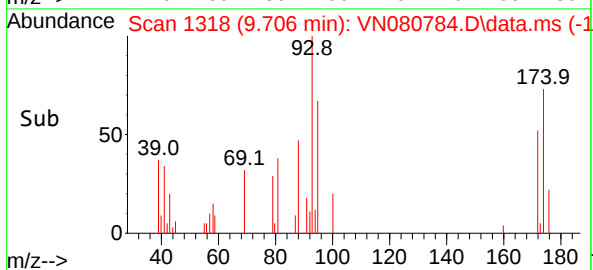
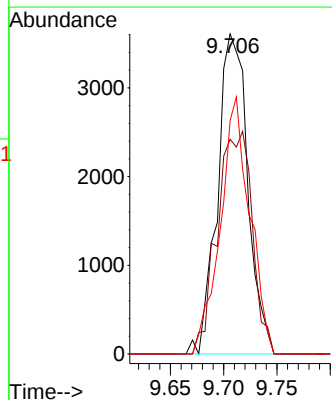
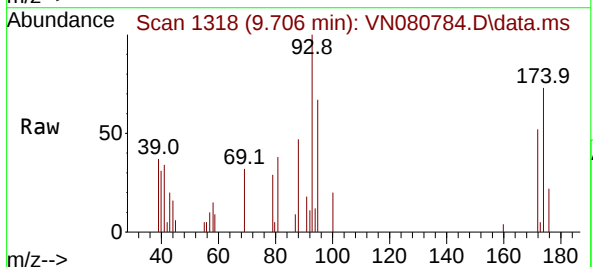
Tgt Ion: 93 Resp: 7124

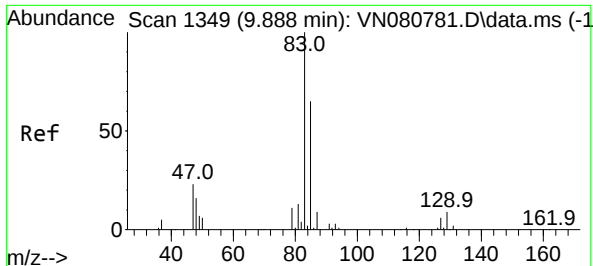
Ion Ratio Lower Upper

93 100

95 80.3 68.1 102.1

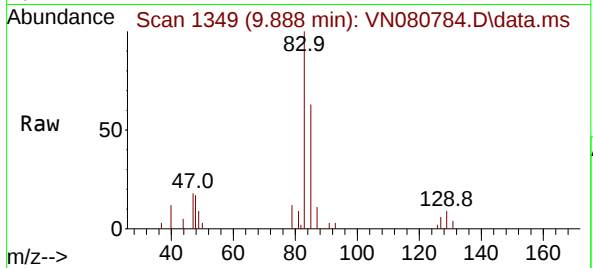
174 78.3 57.2 85.8





#47
Bromodichloromethane
Concen: 4.738 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

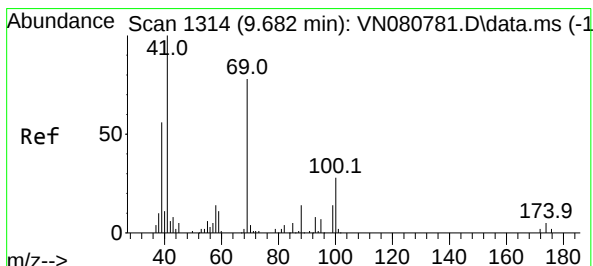
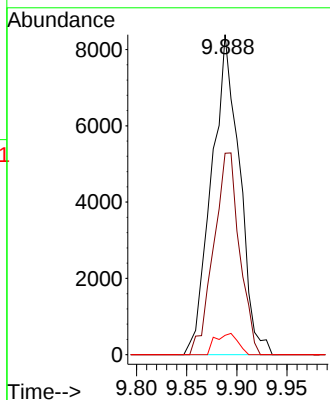
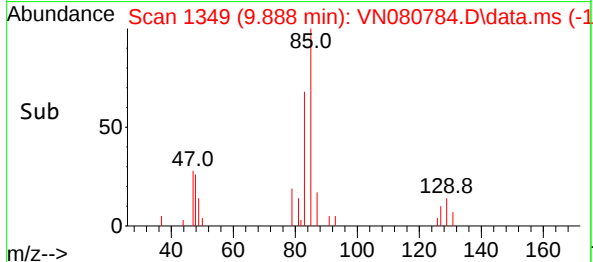
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 16250
Ion Ratio Lower Upper
83 100
85 62.9 52.3 78.5
127 6.1 4.6 7.0

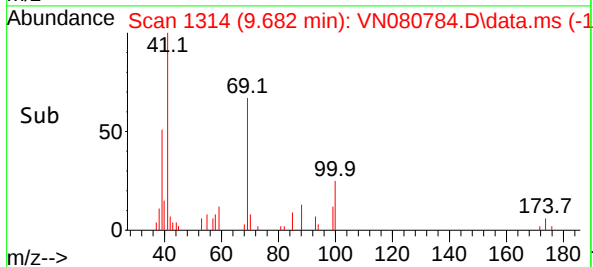
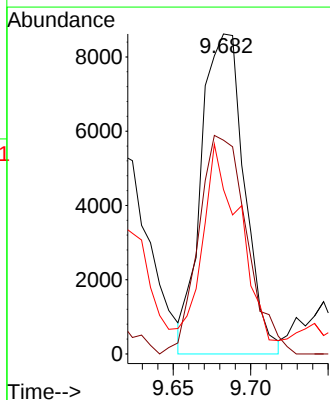
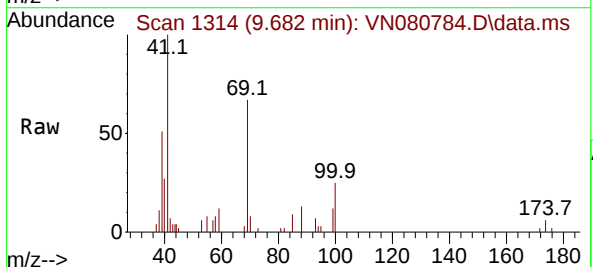
Manual Integrations
APPROVED

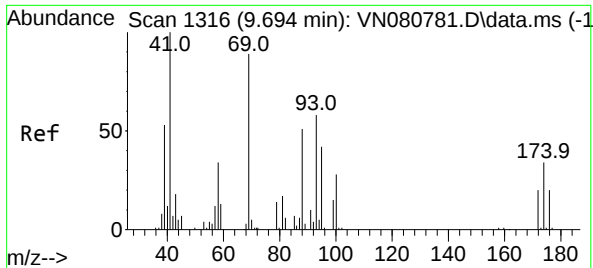
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#48
Methyl methacrylate
Concen: 6.023 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

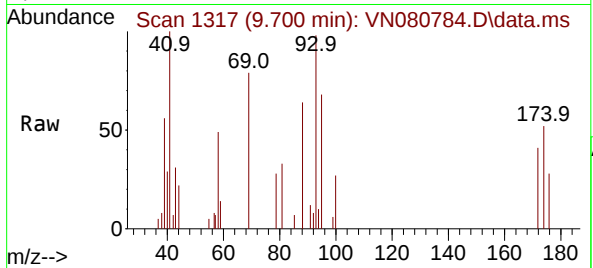
Tgt Ion: 41 Resp: 16664
Ion Ratio Lower Upper
41 100
69 76.3 62.2 93.2
39 60.8 47.6 71.4





#49
1,4-Dioxane
Concen: 107.385 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

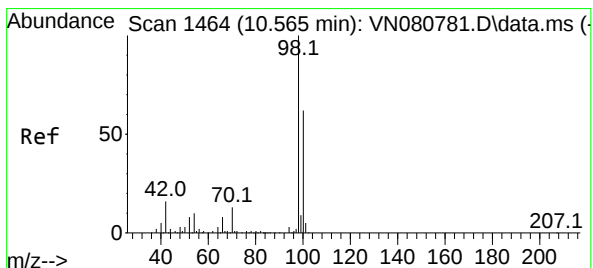
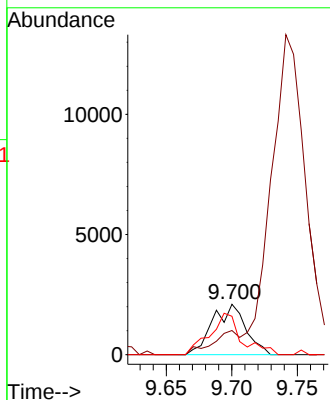
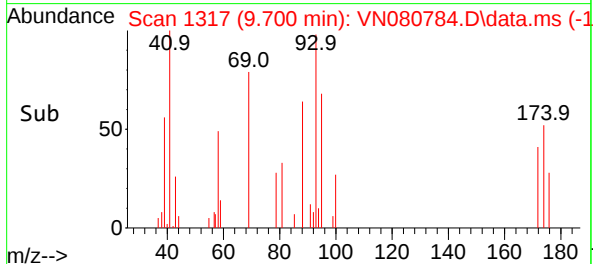
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 3702
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1
58 77.4 63.9 95.9

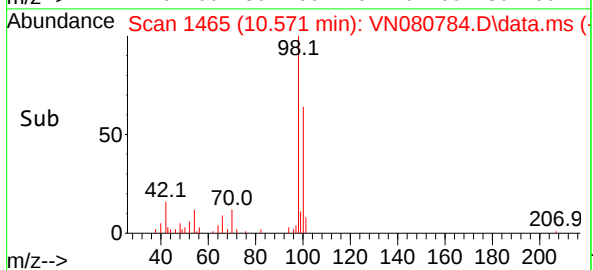
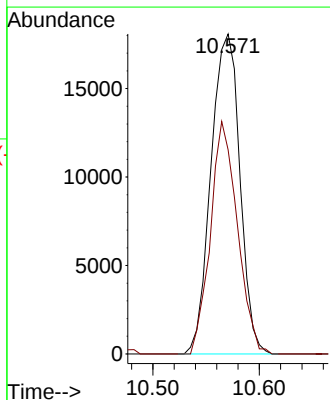
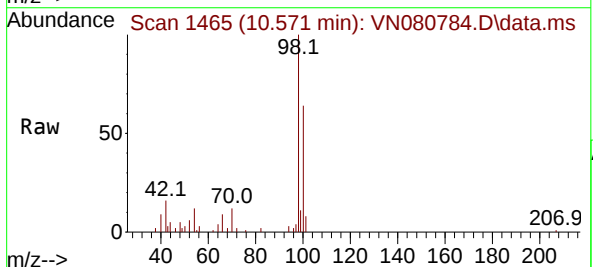
Manual Integrations
APPROVED

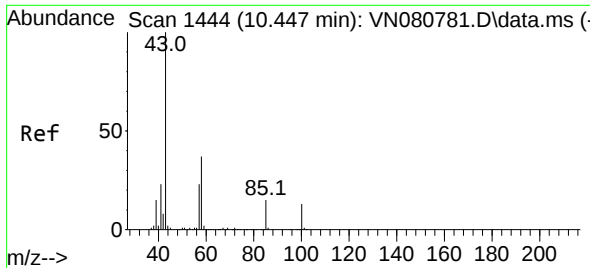
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#50
Toluene-d8
Concen: 5.580 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

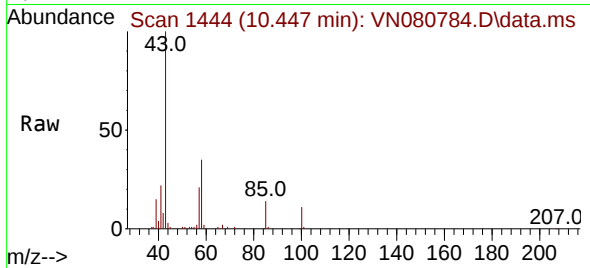
Tgt Ion: 98 Resp: 34056
Ion Ratio Lower Upper
98 100
100 67.8 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 27.117 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

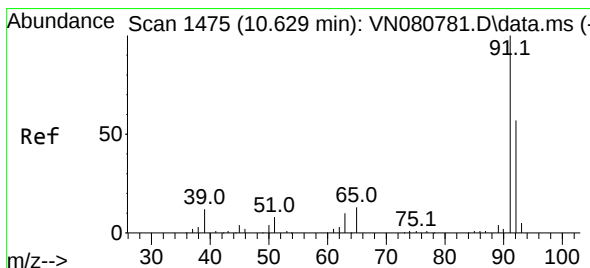
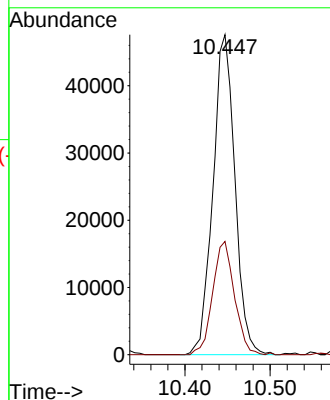
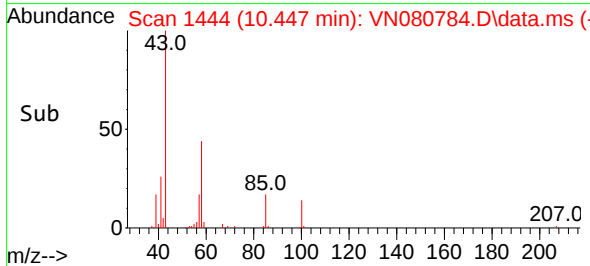
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 8549
Ion Ratio Lower Upper
43 100
58 35.0 29.4 44.0

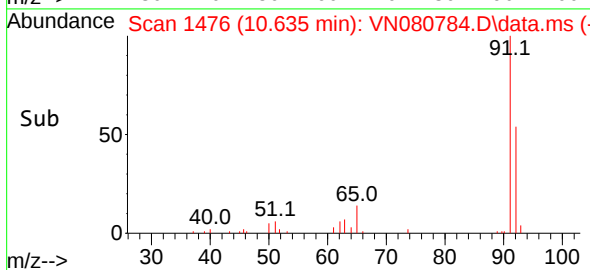
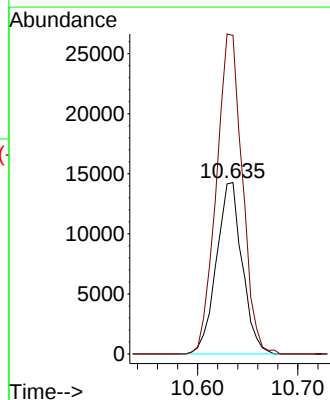
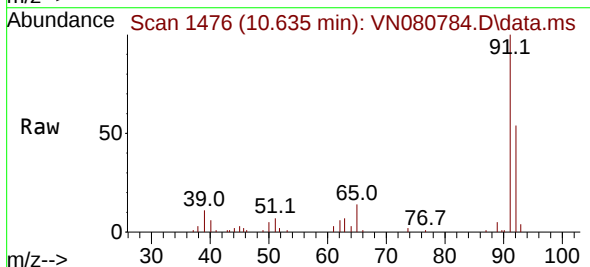
Manual Integrations
APPROVED

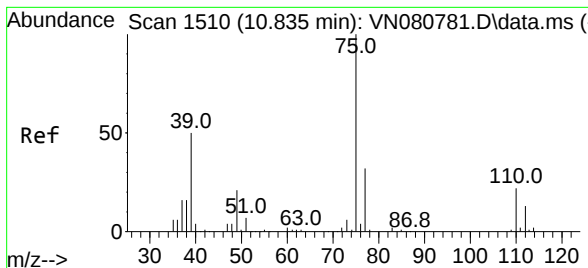
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#52
Toluene
Concen: 4.829 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

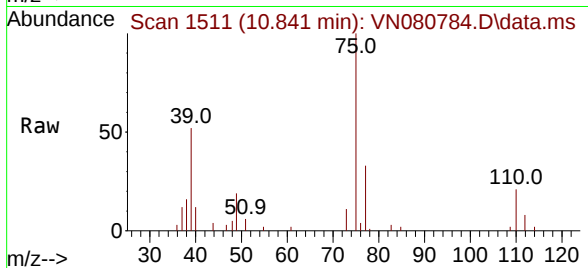
Tgt Ion: 92 Resp: 25503
Ion Ratio Lower Upper
92 100
91 188.4 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 4.596 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

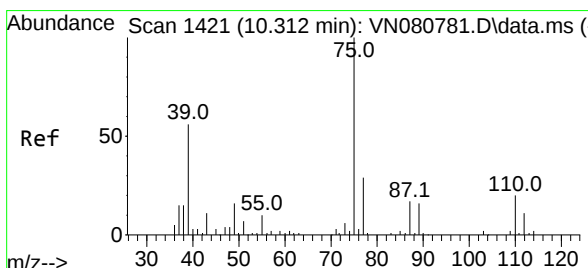
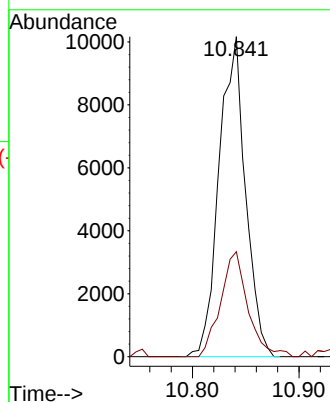
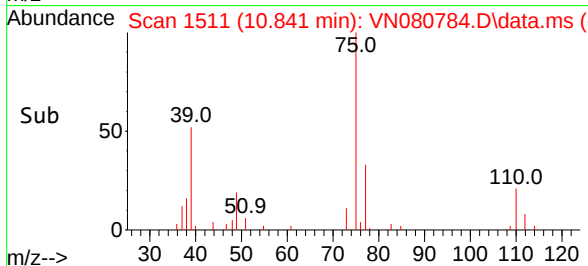
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 1750
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3

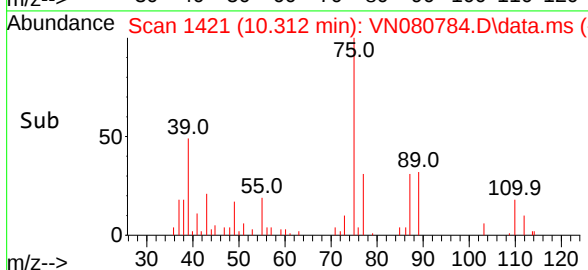
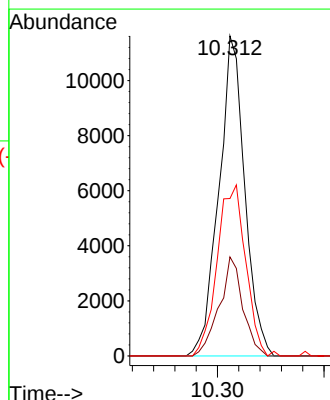
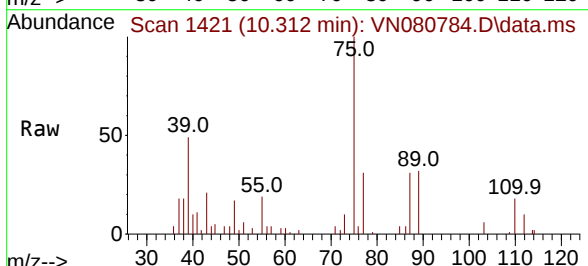
Manual Integrations
APPROVED

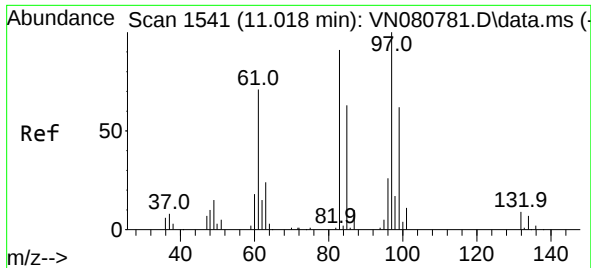
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#54
cis-1,3-Dichloropropene
Concen: 4.859 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

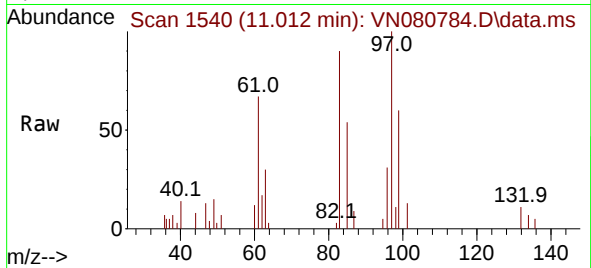
Tgt Ion: 75 Resp: 19624
Ion Ratio Lower Upper
75 100
77 31.0 23.3 34.9
39 49.2 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 5.077 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

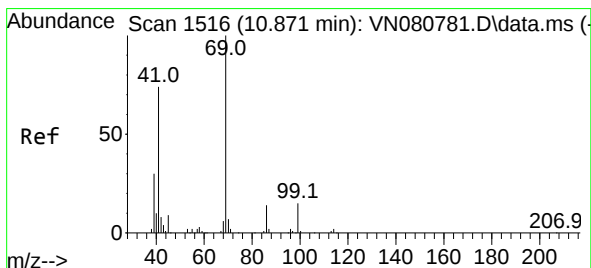
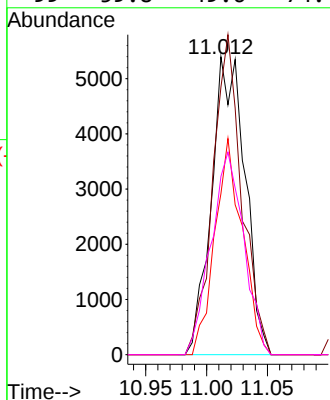
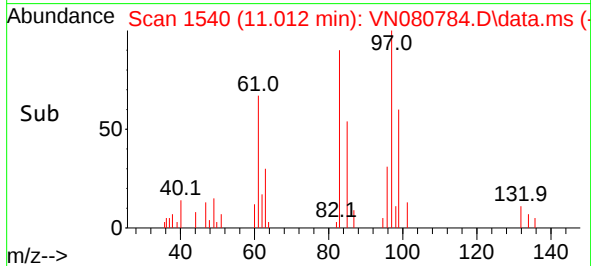
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



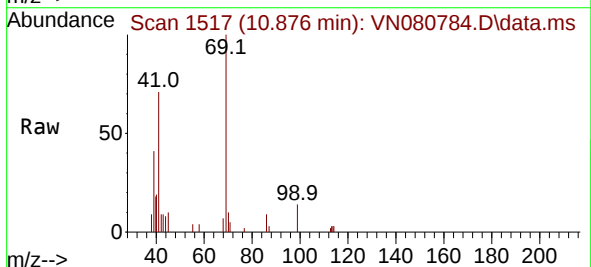
Tgt Ion:	97	Resp:	10319
Ion Ratio	Lower	Upper	
97	100		
83	89.8	72.9	109.3
85	54.0	50.2	75.2
99	59.8	49.6	74.4

Manual Integrations
APPROVED

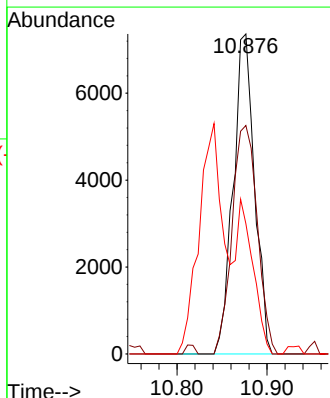
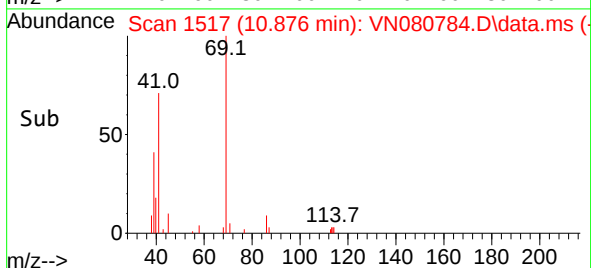
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

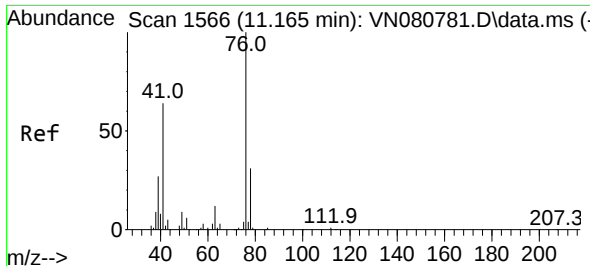


#56
Ethyl methacrylate
Concen: 3.342 ug/l m
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25



Tgt Ion:	69	Resp:	12168
Ion Ratio	Lower	Upper	
69	100		
41	84.3	61.0	91.6
39	39.3	31.8	47.6





#57

1,3-Dichloropropane

Concen: 5.354 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080784.D

Acq: 29 Jan 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 1986

Ion Ratio Lower Upper

76 100

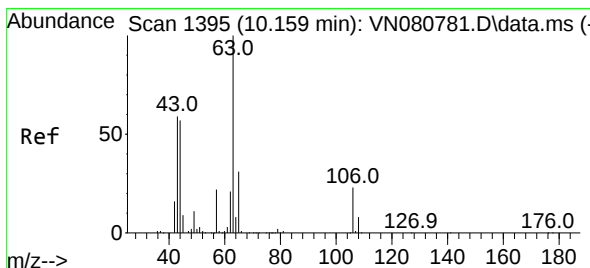
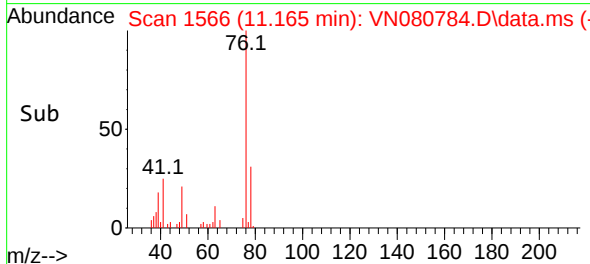
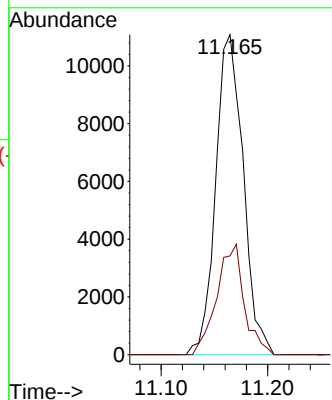
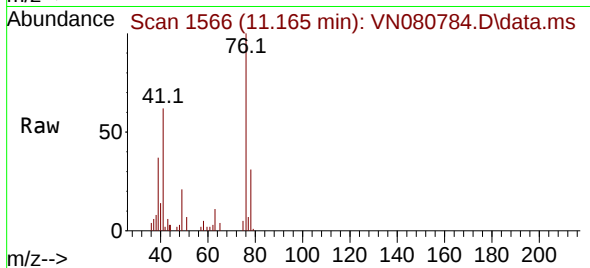
78 34.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#58

2-Chloroethyl Vinyl ether

Concen: 26.598 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080784.D

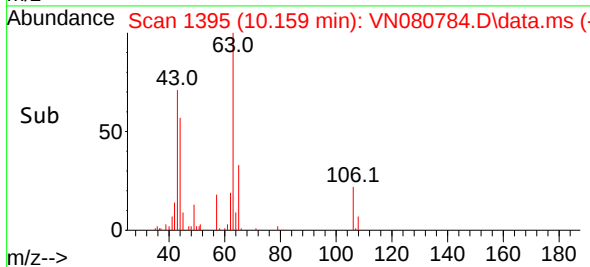
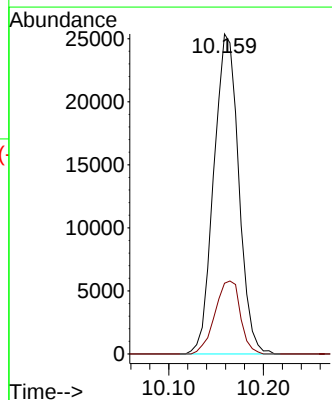
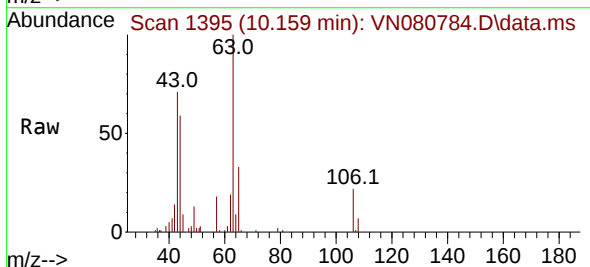
Acq: 29 Jan 2024 11:25

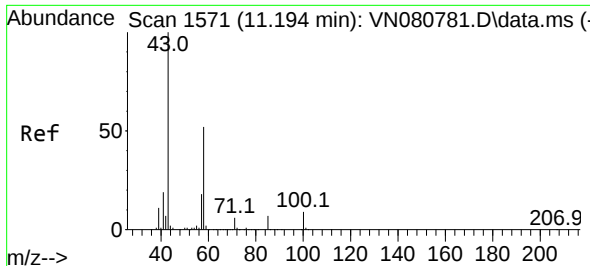
Tgt Ion: 63 Resp: 46380

Ion Ratio Lower Upper

63 100

106 23.3 18.6 28.0





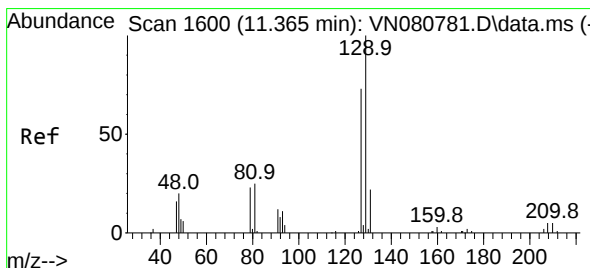
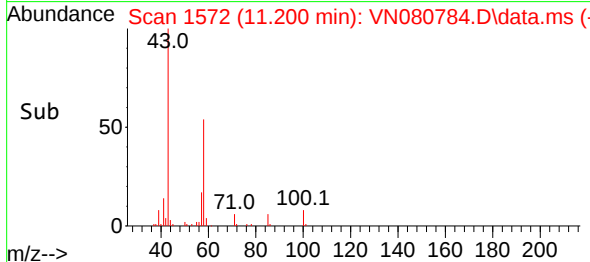
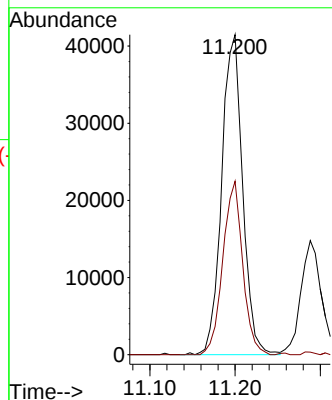
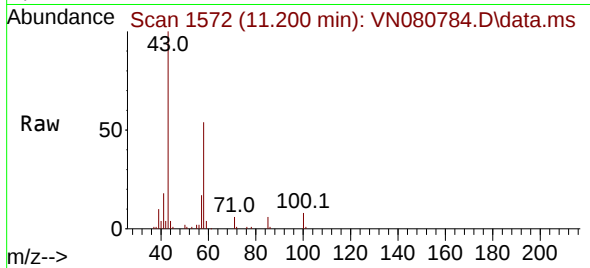
#59
2-Hexanone
Concen: 30.448 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 7086
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.8

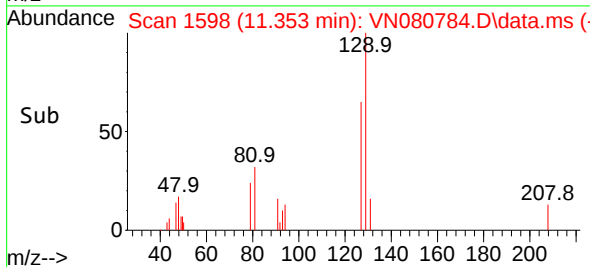
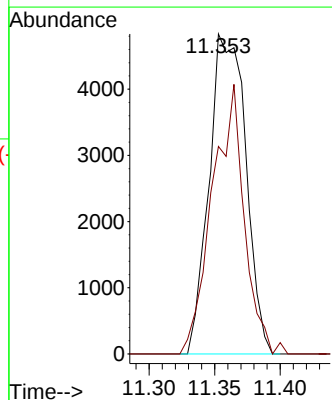
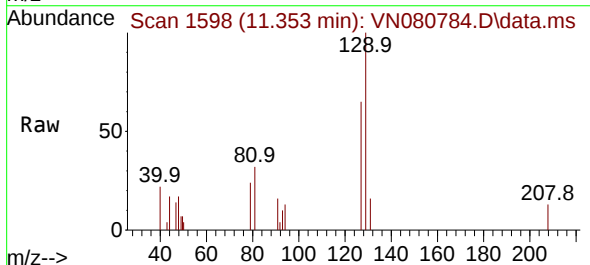
Manual Integrations
APPROVED

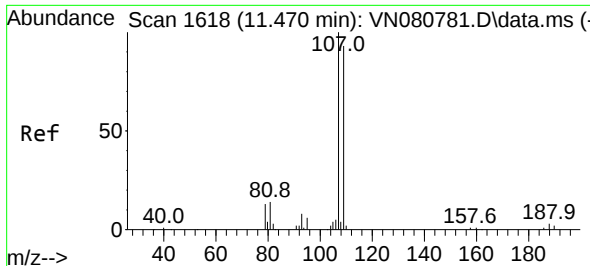
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#60
Dibromochloromethane
Concen: 4.487 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.012 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Tgt Ion:129 Resp: 9373
Ion Ratio Lower Upper
129 100
127 73.8 39.4 118.2





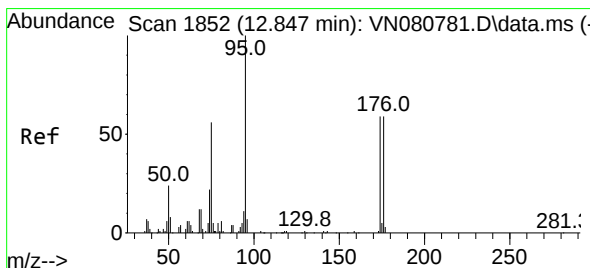
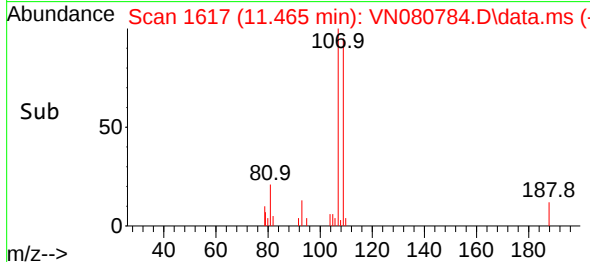
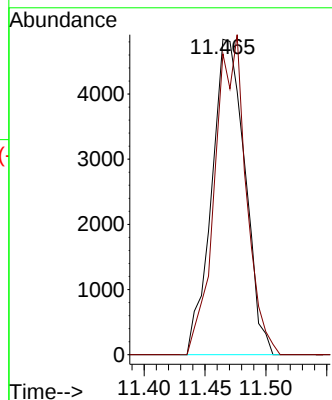
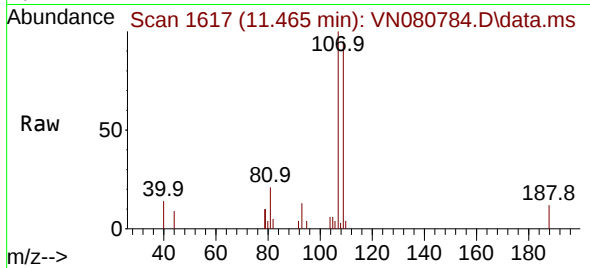
#61
1,2-Dibromoethane
Concen: 4.613 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 9210
Ion Ratio Lower Upper
107 100
109 94.6 73.4 110.2

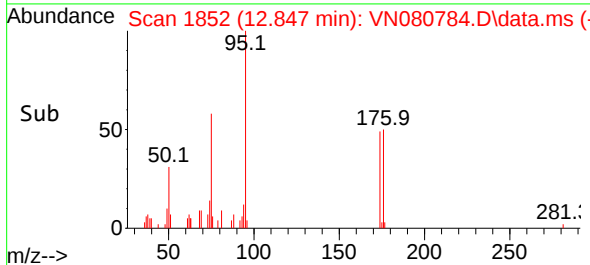
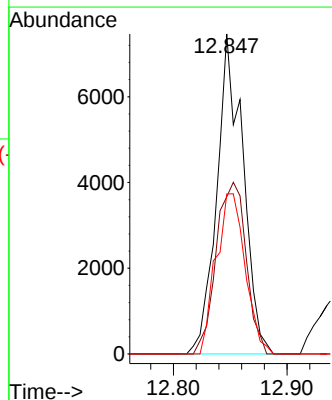
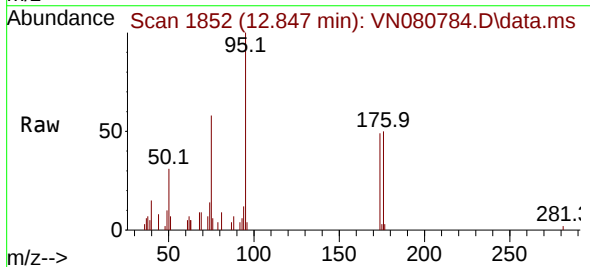
Manual Integrations
APPROVED

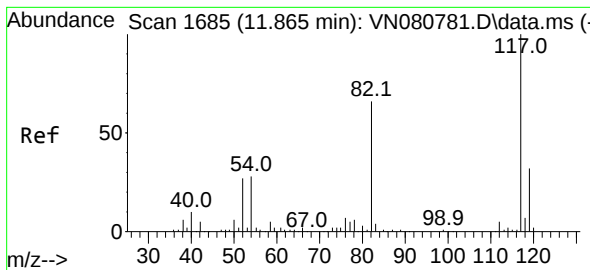
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#62
4-Bromofluorobenzene
Concen: 5.101 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

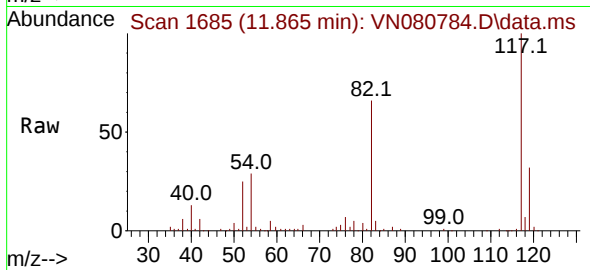
Tgt Ion: 95 Resp: 11939
Ion Ratio Lower Upper
95 100
174 61.4 0.0 120.4
176 55.6 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

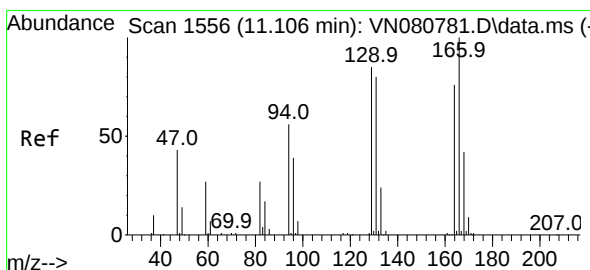
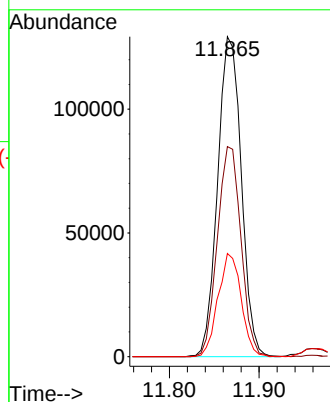
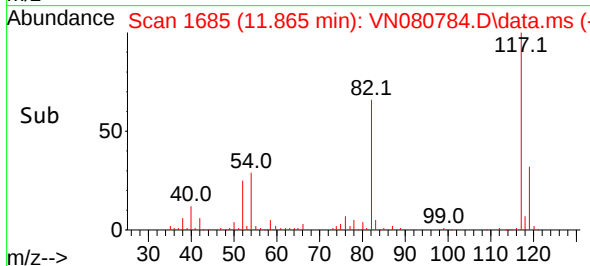
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 23686
Ion Ratio Lower Upper
117 100
82 65.7 52.7 79.1
119 32.3 25.3 37.9

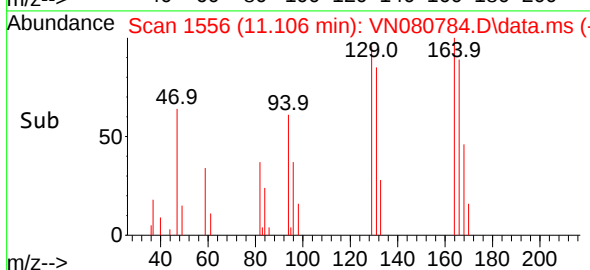
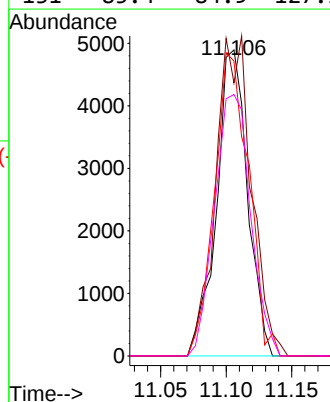
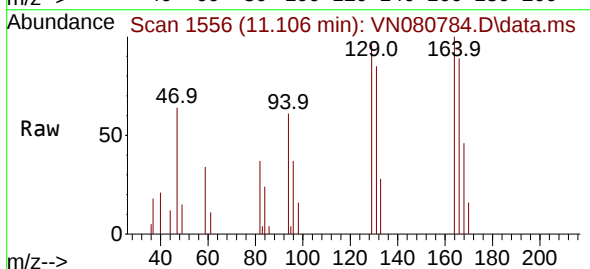
Manual Integrations
APPROVED

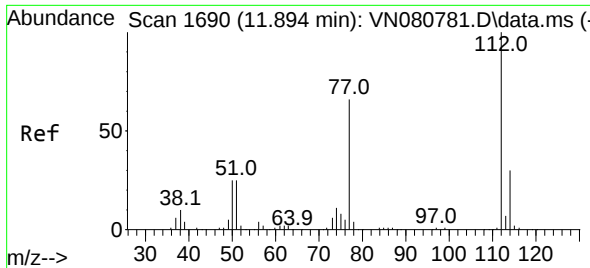
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#64
Tetrachloroethene
Concen: 4.957 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

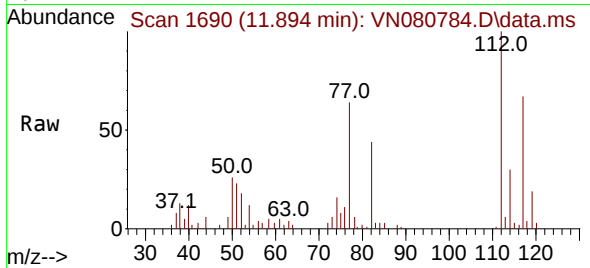
Tgt Ion:164 Resp: 8063
Ion Ratio Lower Upper
164 100
166 89.2 105.8 158.6#
129 96.3 89.6 134.4
131 85.4 84.9 127.3





#65
Chlorobenzene
Concen: 5.203 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

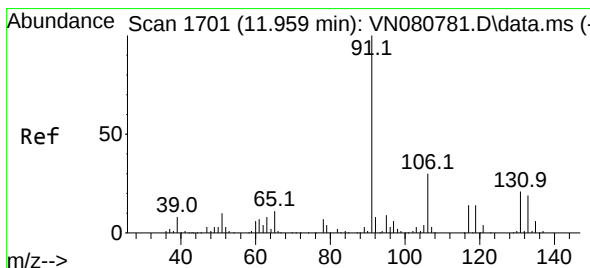
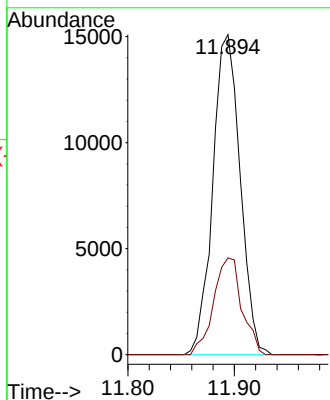
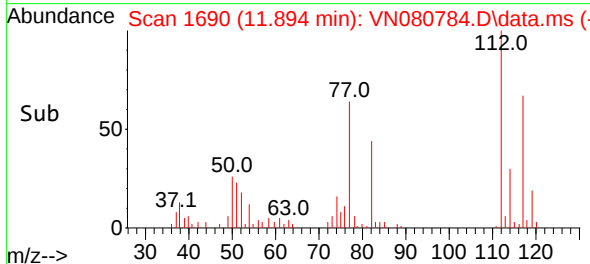
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:112 Resp: 2692
Ion Ratio Lower Upper
112 100
114 30.2 23.7 35.5

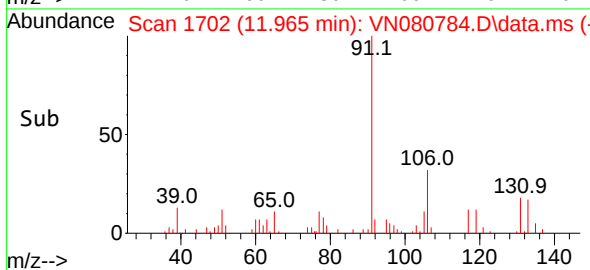
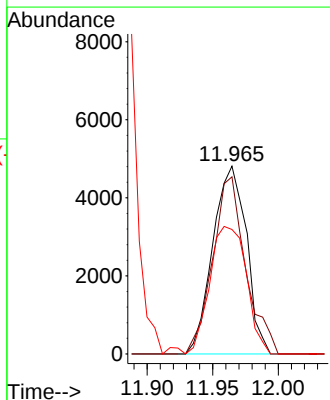
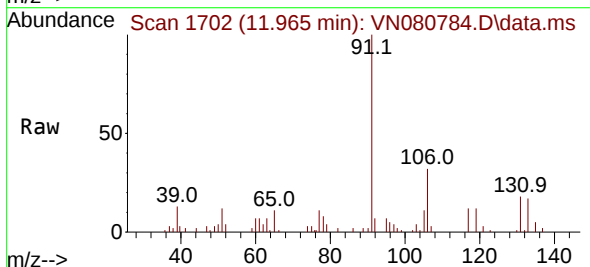
Manual Integrations
APPROVED

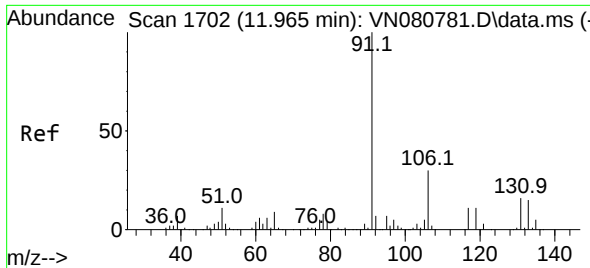
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.665 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Tgt Ion:131 Resp: 8572
Ion Ratio Lower Upper
131 100
133 92.6 46.8 140.3
119 74.0 34.6 103.9





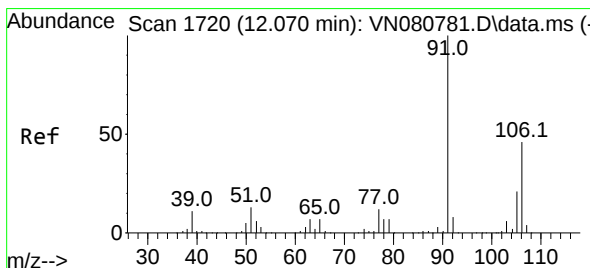
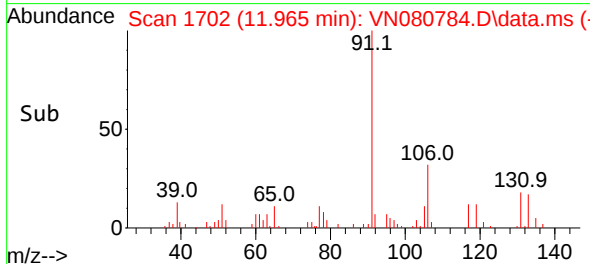
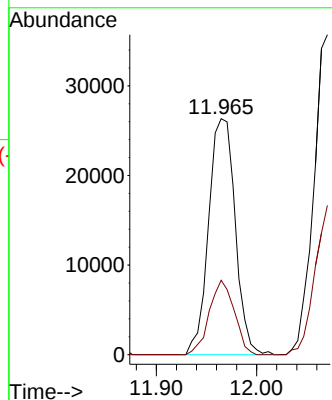
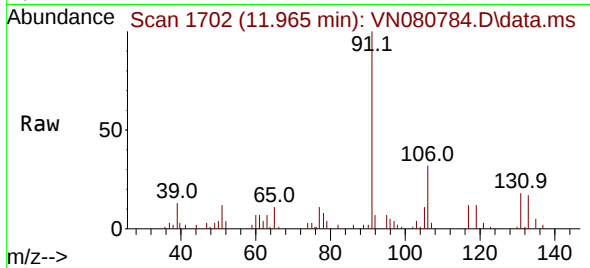
#67
Ethyl Benzene
Concen: 4.908 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 4850
Ion Ratio Lower Upper
91 100
106 31.5 23.8 35.6

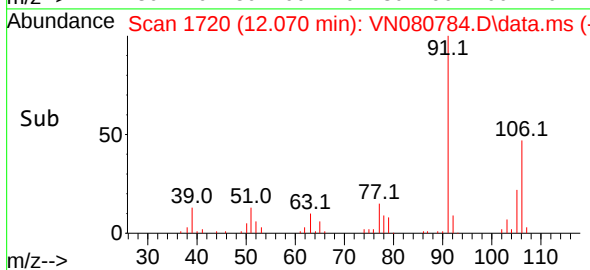
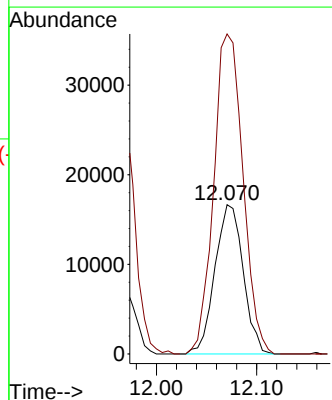
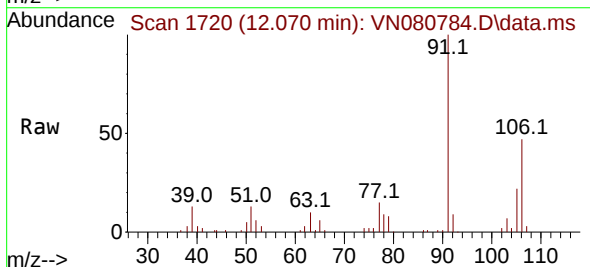
Manual Integrations
APPROVED

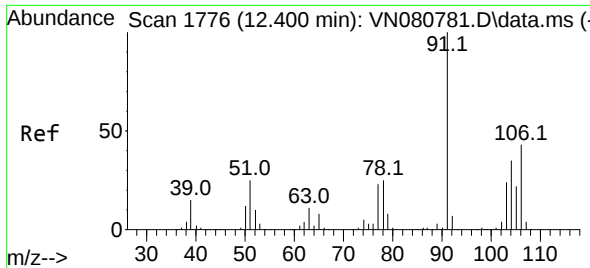
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#68
m/p-Xylenes
Concen: 9.370 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Tgt Ion:106 Resp: 32554
Ion Ratio Lower Upper
106 100
91 222.4 169.0 253.6





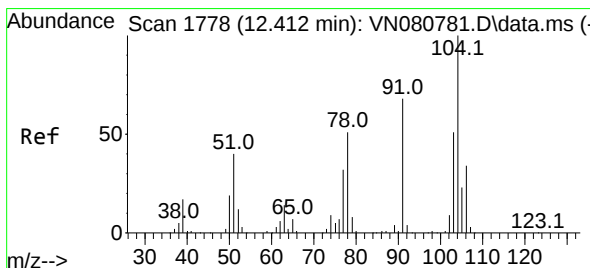
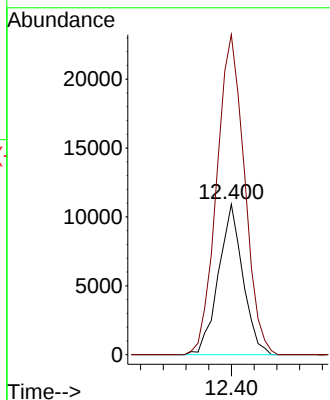
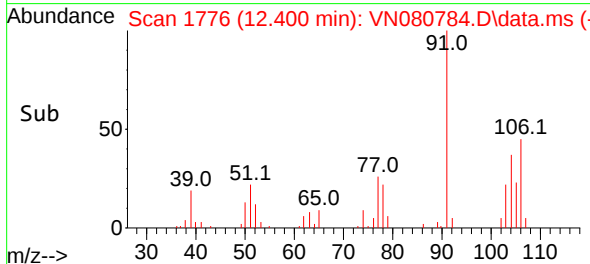
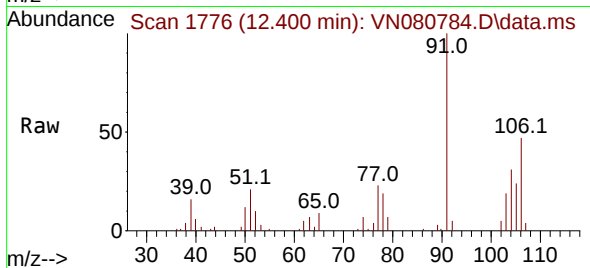
#69
o-Xylene
Concen: 4.802 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 1631
Ion Ratio Lower Upper
106 100
91 241.9 112.1 336.3

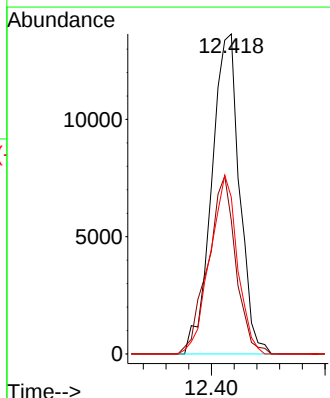
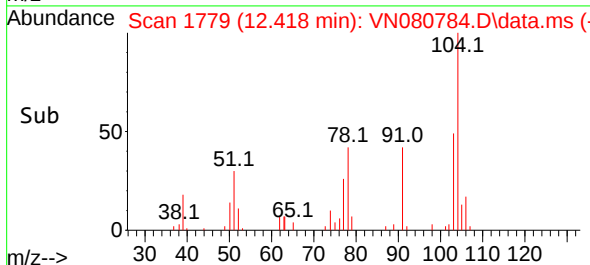
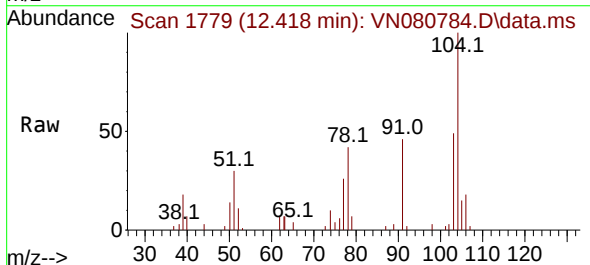
Manual Integrations
APPROVED

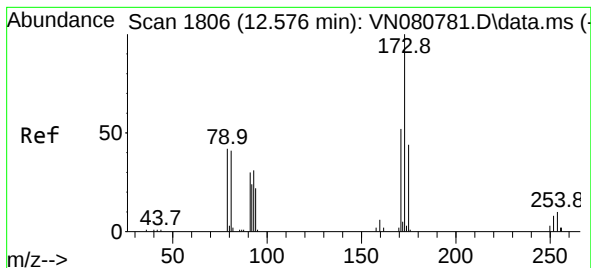
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#70
Styrene
Concen: 4.027 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Tgt Ion:104 Resp: 23226
Ion Ratio Lower Upper
104 100
78 55.6 43.8 65.8
103 55.0 44.2 66.2





#71

Bromoform

Concen: 4.334 ug/l

RT: 12.582 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VN080784.D

Acq: 29 Jan 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

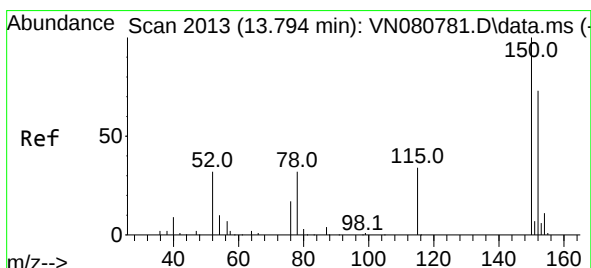
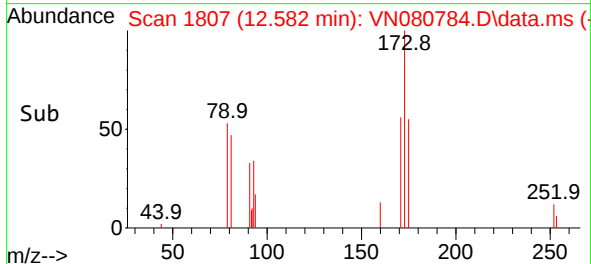
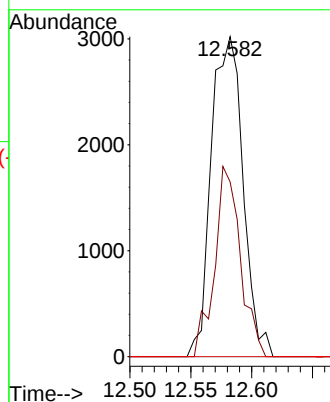
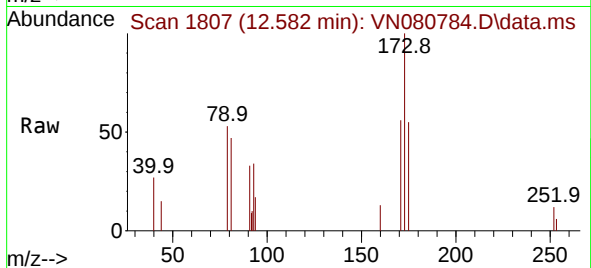
Tgt Ion:	173	Resp:	5478
Ion Ratio	Lower	Upper	
173	100		
175	48.2	23.1	69.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

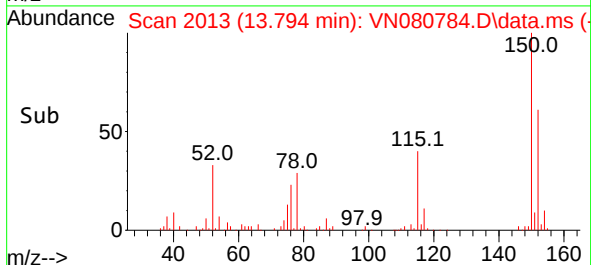
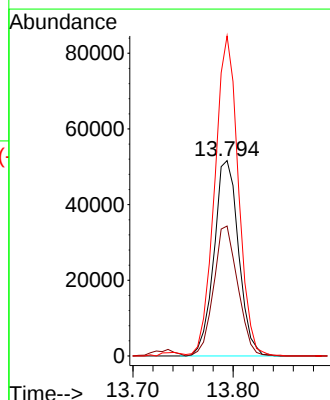
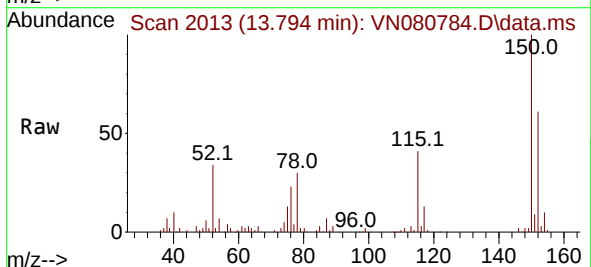
RT: 13.794 min Scan# 2013

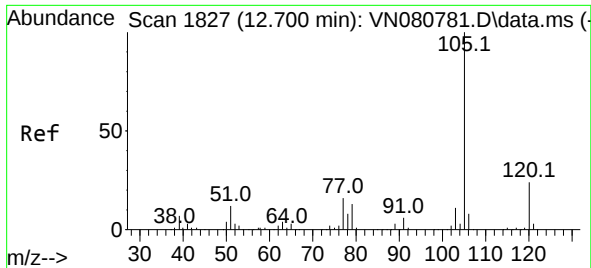
Delta R.T. 0.000 min

Lab File: VN080784.D

Acq: 29 Jan 2024 11:25

Tgt Ion:	152	Resp:	87603
Ion Ratio	Lower	Upper	
152	100		
115	65.4	32.3	96.8
150	157.6	0.0	339.8





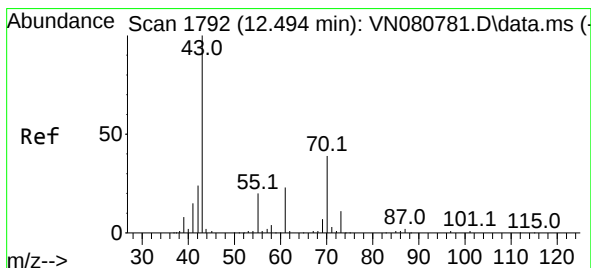
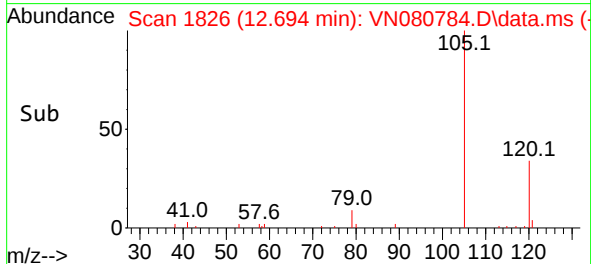
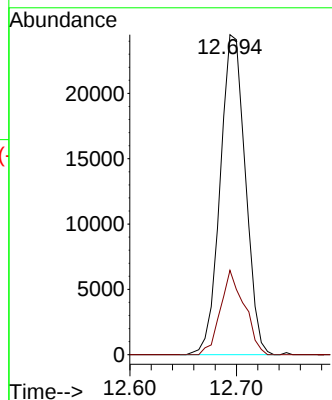
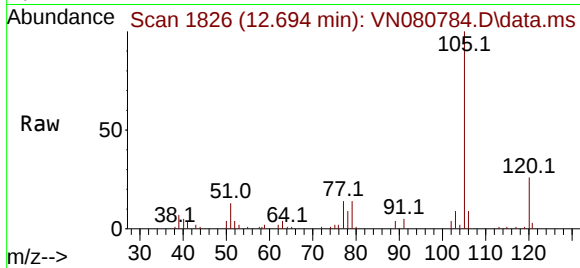
#73
Isopropylbenzene
Concen: 4.822 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 4017
Ion Ratio Lower Upper
105 100
120 25.2 12.6 37.6

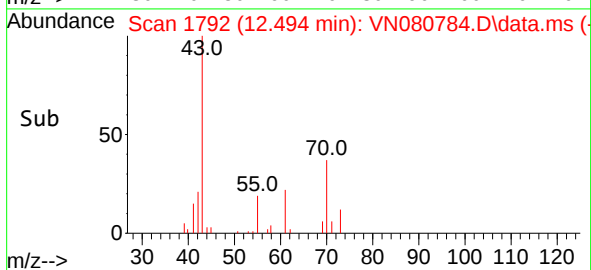
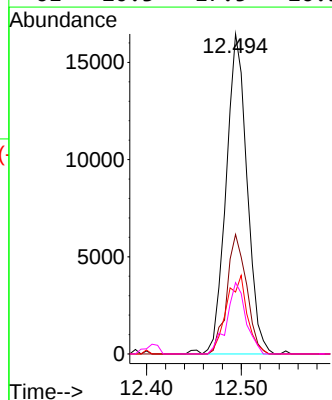
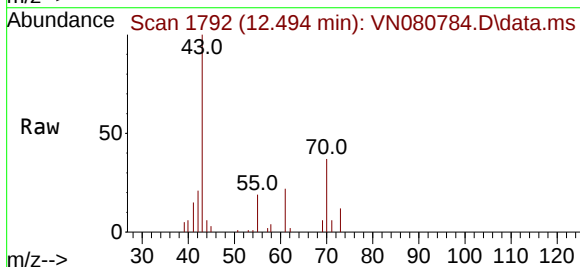
Manual Integrations
APPROVED

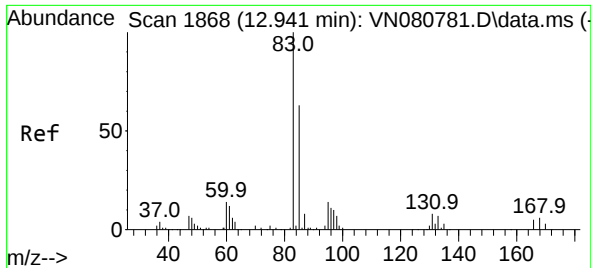
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#74
N-ethyl acetate
Concen: 5.069 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

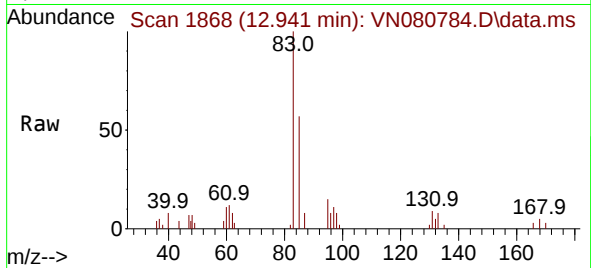
Tgt Ion: 43 Resp: 25341
Ion Ratio Lower Upper
43 100
70 35.0 30.1 45.1
55 24.3 17.0 25.4
61 20.3 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 5.458 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

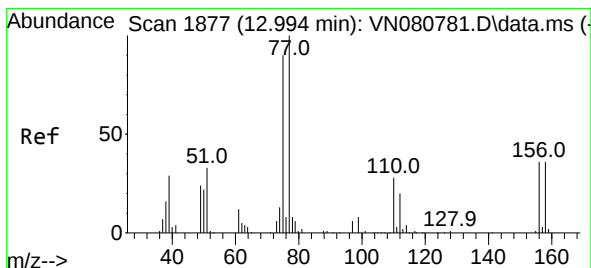
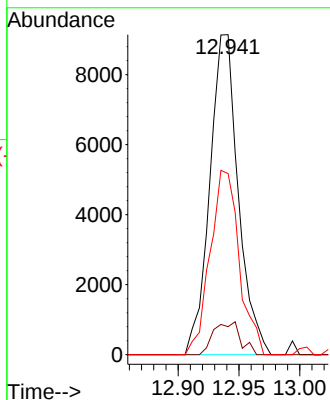
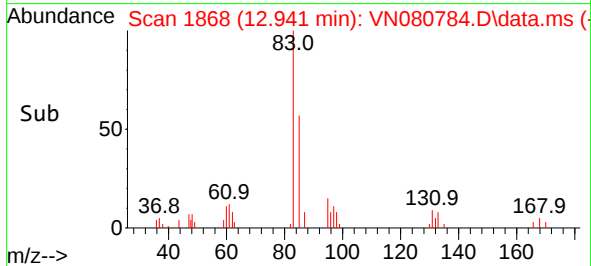
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



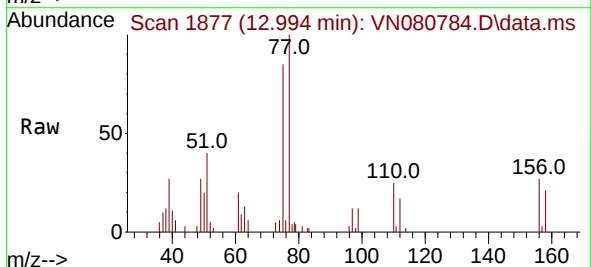
Tgt Ion: 83 Resp: 14914
Ion Ratio Lower Upper
83 100
131 9.6 4.1 12.3
85 58.8 32.1 96.3

Manual Integrations
APPROVED

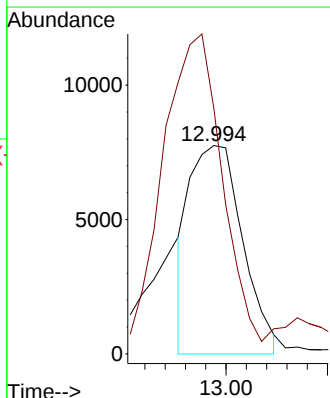
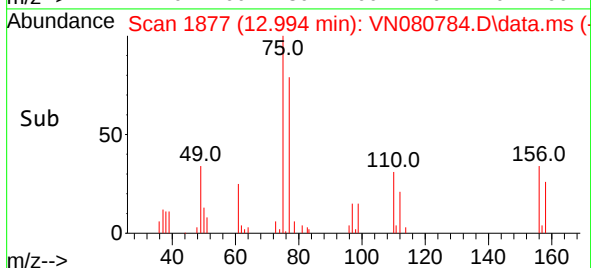
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

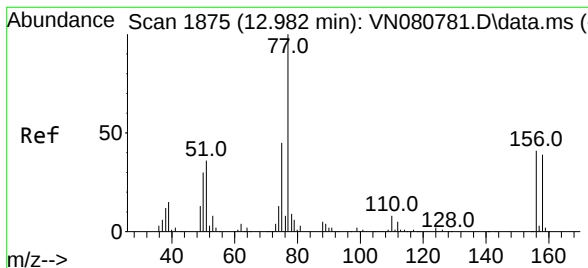


#76
1,2,3-Trichloropropane
Concen: 5.206 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25



Tgt Ion: 75 Resp: 14063
Ion Ratio Lower Upper
75 100
77 175.3 91.0 272.8





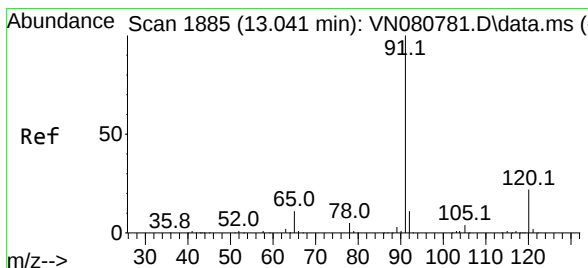
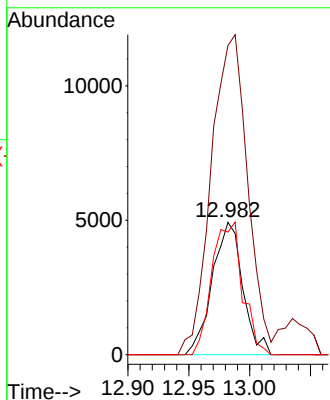
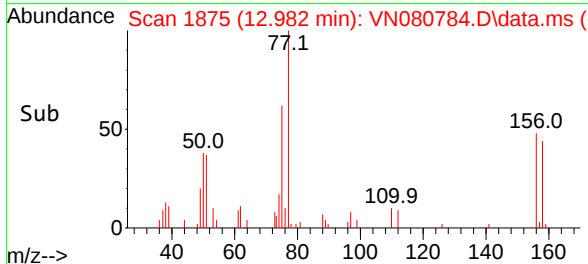
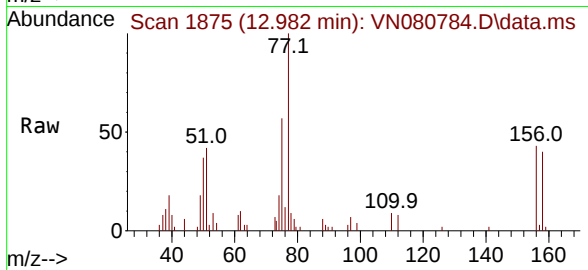
#77
Bromobenzene
Concen: 4.827 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 854
Ion Ratio Lower Upper
156 100
77 288.6 138.1 414.3
158 100.7 46.5 139.5

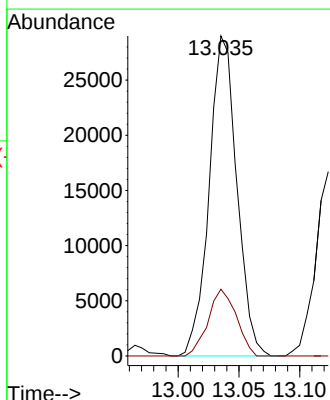
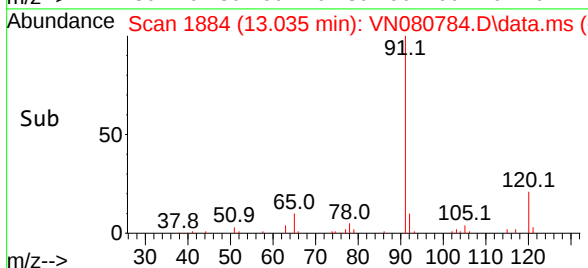
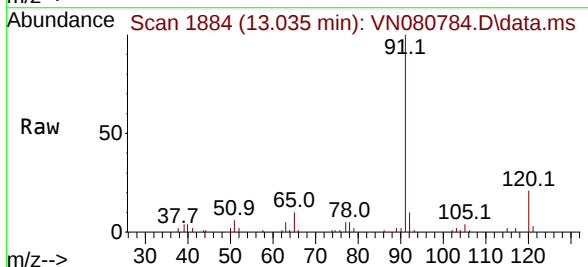
Manual Integrations
APPROVED

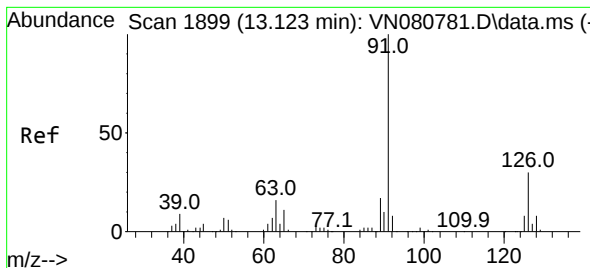
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#78
n-propylbenzene
Concen: 4.499 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Tgt Ion: 91 Resp: 45979
Ion Ratio Lower Upper
91 100
120 21.2 10.3 30.9





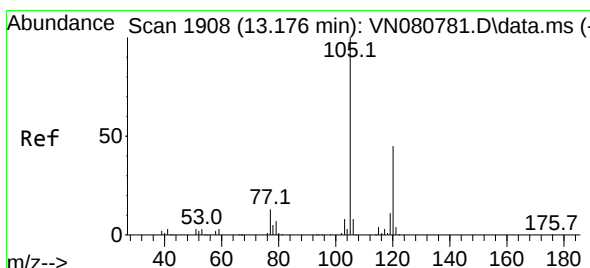
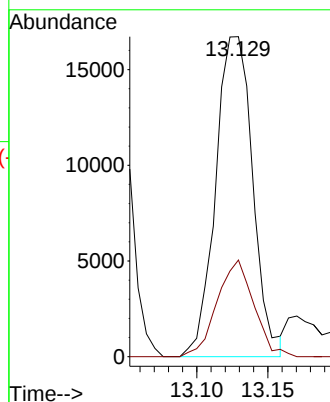
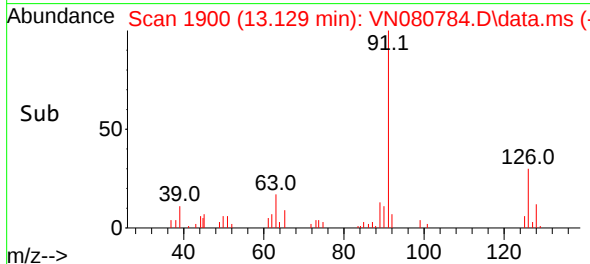
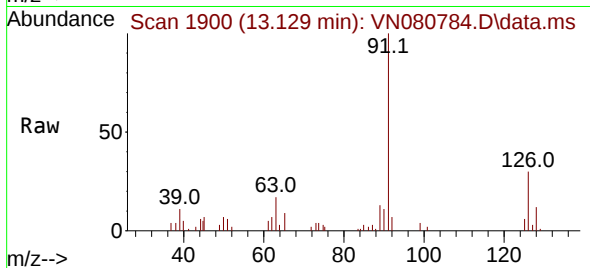
#79
2-Chlorotoluene
Concen: 4.636 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 30364
Ion Ratio Lower Upper
91 100
126 29.9 14.8 44.4

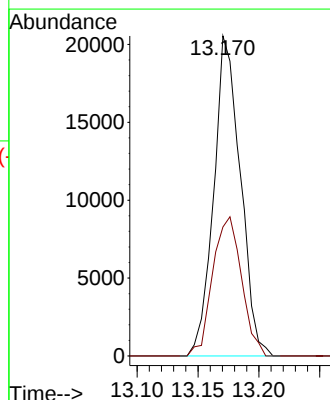
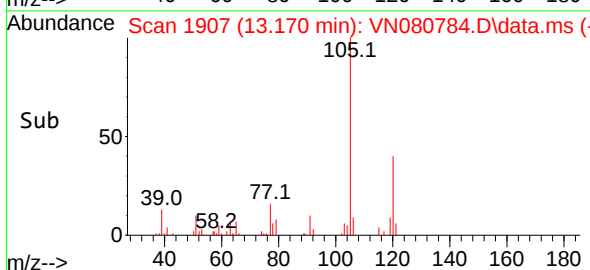
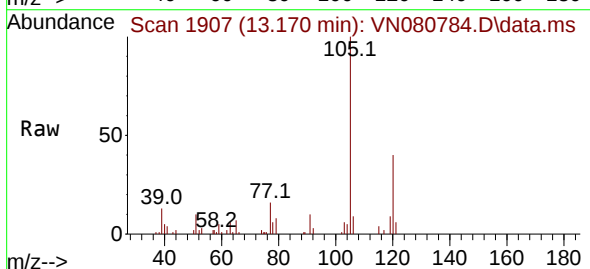
Manual Integrations
APPROVED

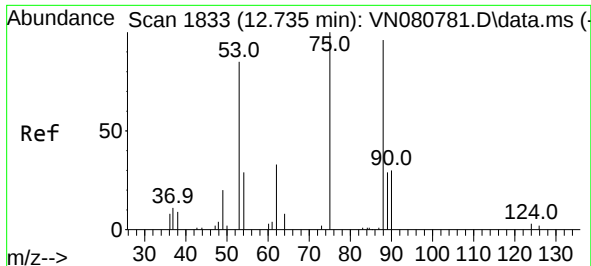
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#80
1,3,5-Trimethylbenzene
Concen: 4.500 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

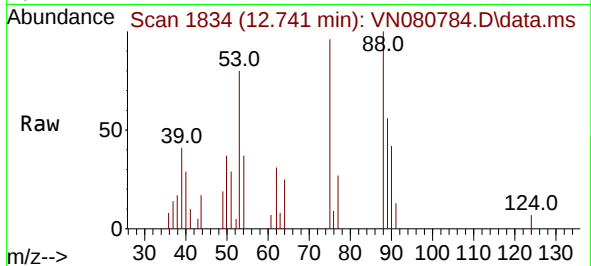
Tgt Ion:105 Resp: 31244
Ion Ratio Lower Upper
105 100
120 47.2 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 4.267 ug/l m
RT: 12.741 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

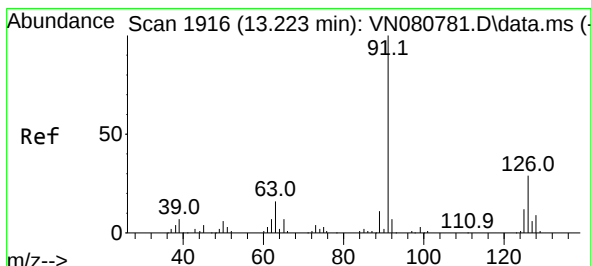
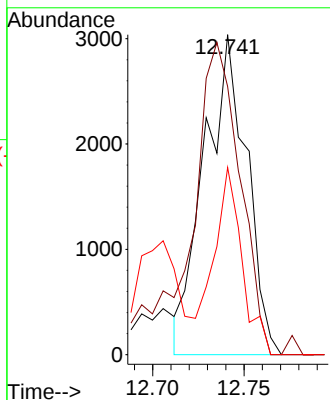
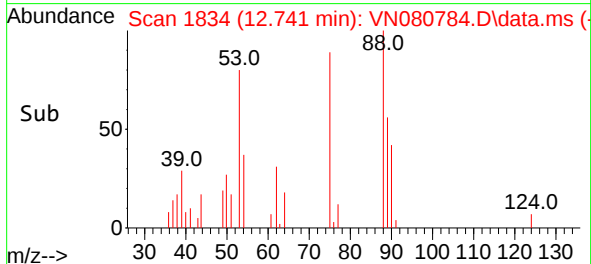
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 4890
Ion Ratio Lower Upper
75 100
53 118.2 71.4 107.2
89 38.4 33.4 50.0

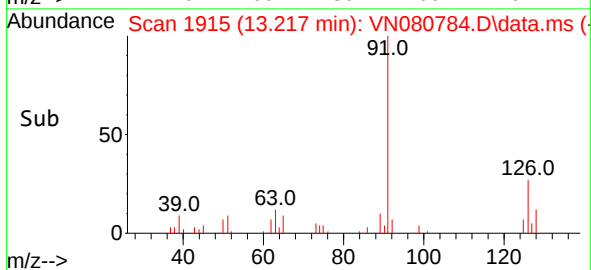
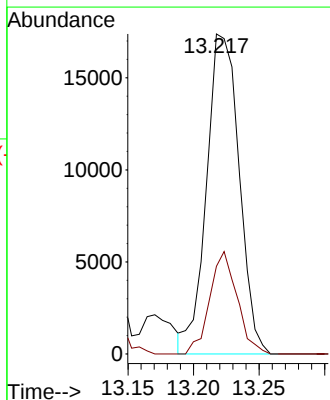
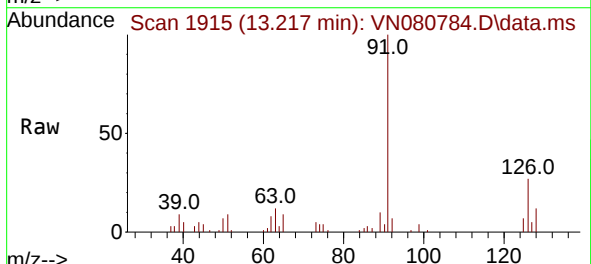
Manual Integrations
APPROVED

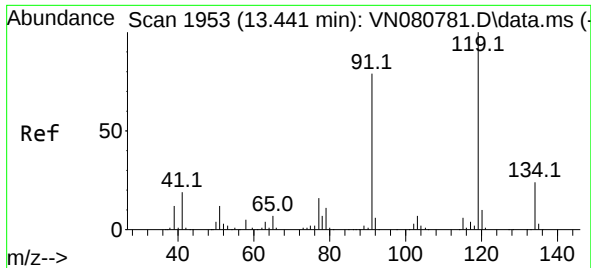
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#82
4-Chlorotoluene
Concen: 4.686 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Tgt Ion: 91 Resp: 30083
Ion Ratio Lower Upper
91 100
126 26.8 15.3 45.9





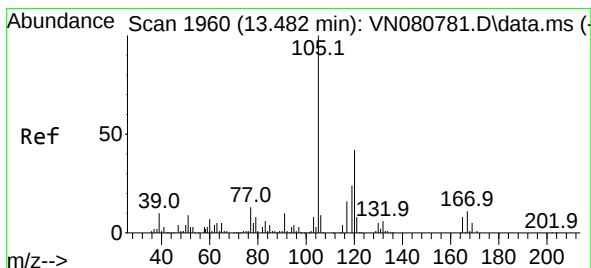
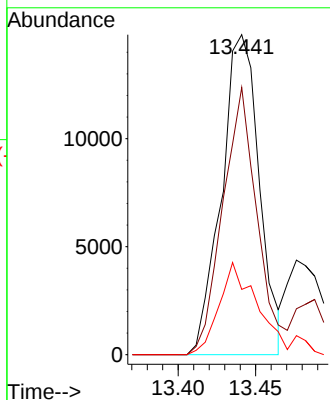
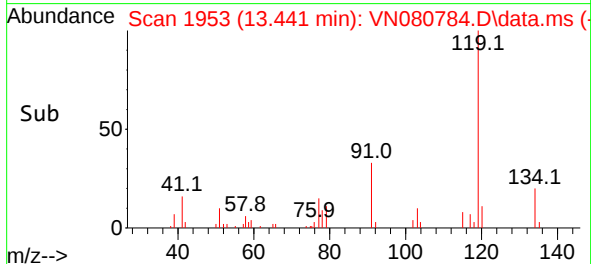
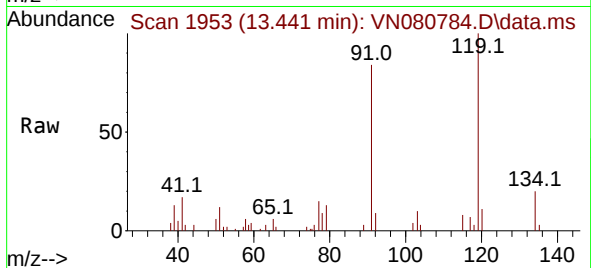
#83
tert-Butylbenzene
Concen: 4.535 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 2517
Ion Ratio Lower Upper
119 100
91 76.3 36.8 110.4
134 28.8 12.4 37.4

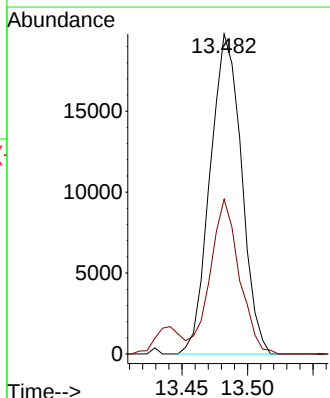
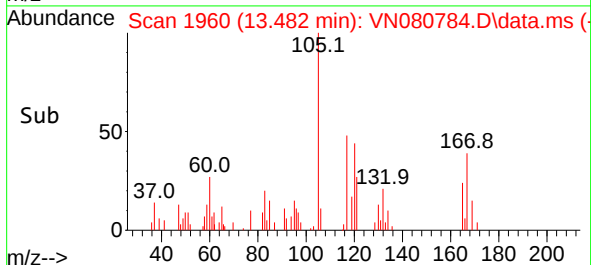
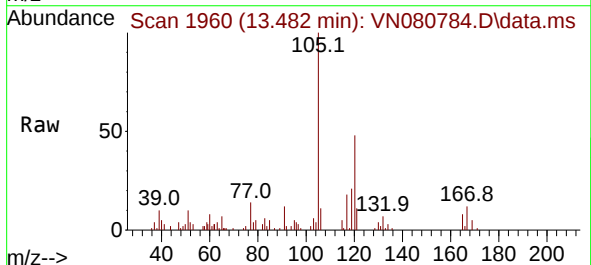
Manual Integrations
APPROVED

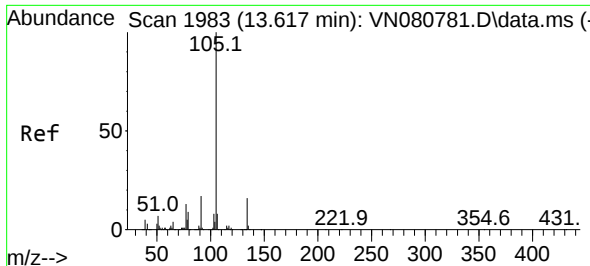
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#84
1,2,4-Trimethylbenzene
Concen: 4.816 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

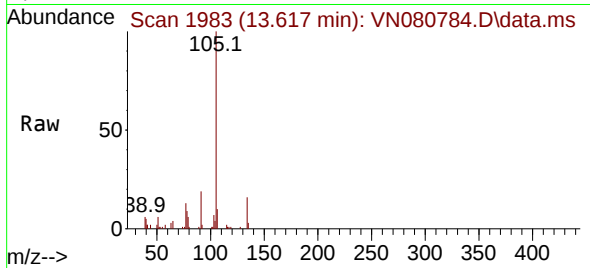
Tgt Ion:105 Resp: 32876
Ion Ratio Lower Upper
105 100
120 44.9 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 4.643 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080784.D
 Acq: 29 Jan 2024 11:25

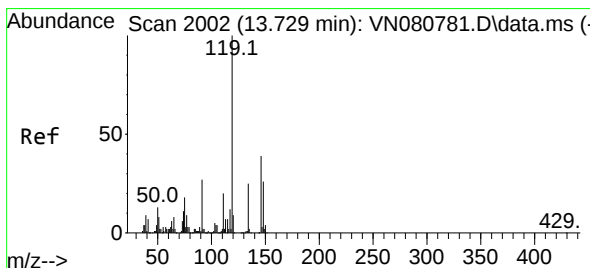
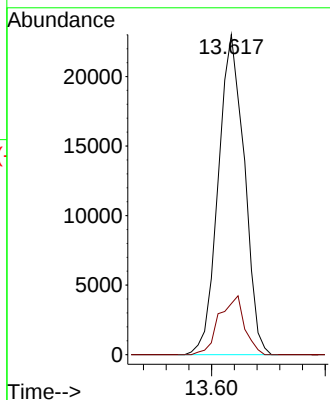
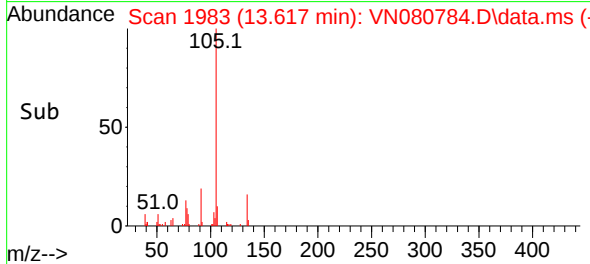
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



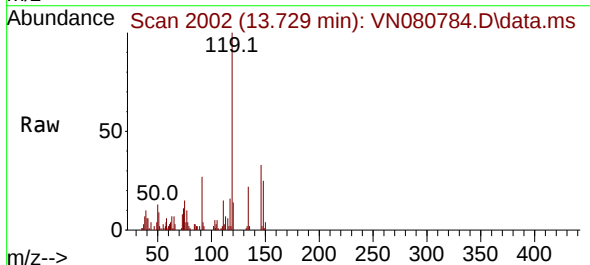
Tgt Ion:105 Resp: 36614
 Ion Ratio Lower Upper
 105 100
 134 17.8 8.6 25.8

Manual Integrations
 APPROVED

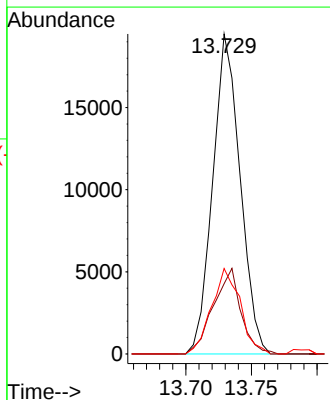
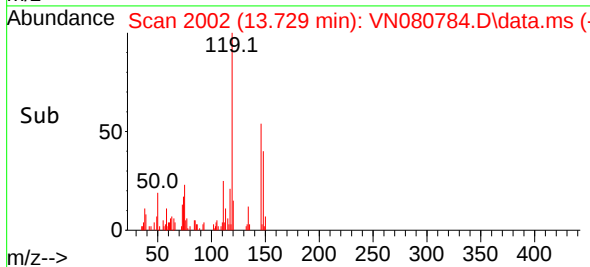
Reviewed By :John Carlone 01/29/2024
 Supervised By :Mahesh Dadoda 01/30/2024

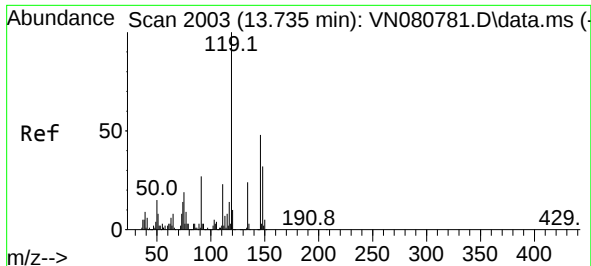


#86
 p-Isopropyltoluene
 Concen: 4.534 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080784.D
 Acq: 29 Jan 2024 11:25



Tgt Ion:119 Resp: 28238
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.4 37.2
 91 28.0 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 4.917 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080784.D

Acq: 29 Jan 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 15539

Ion Ratio Lower Upper

146 100

111 45.2 23.9 71.7

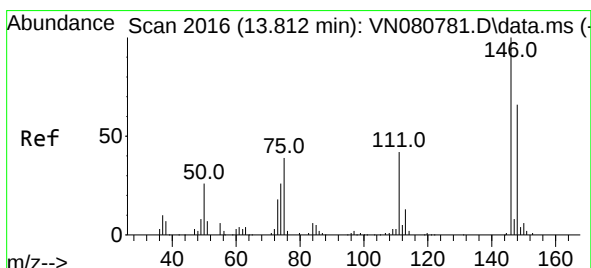
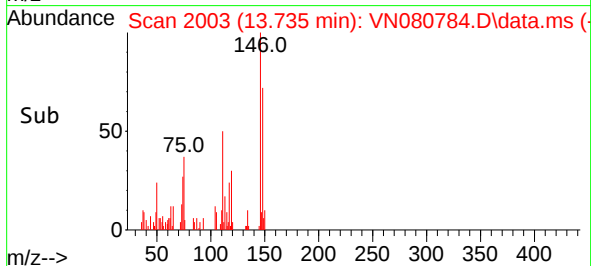
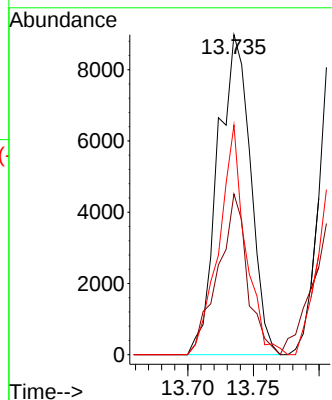
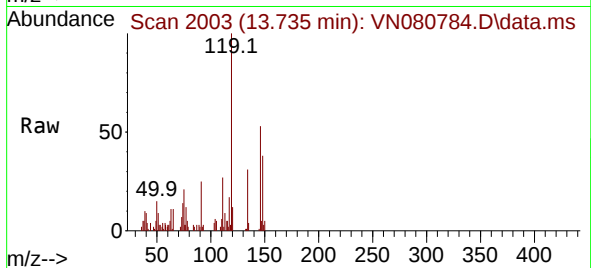
148 58.3 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#88

1,4-Dichlorobenzene

Concen: 4.606 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN080784.D

Acq: 29 Jan 2024 11:25

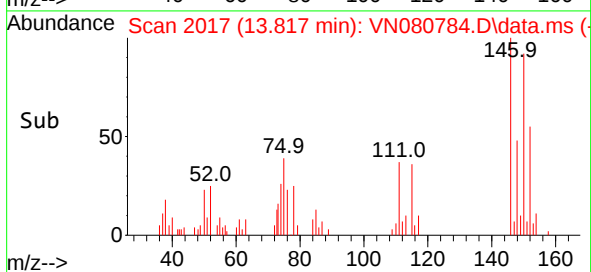
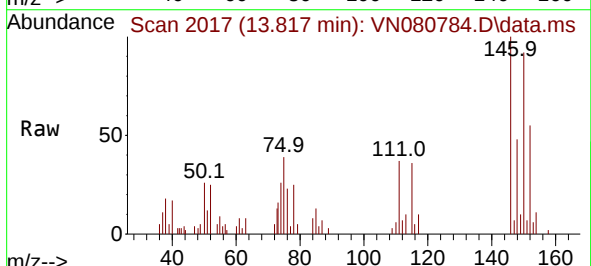
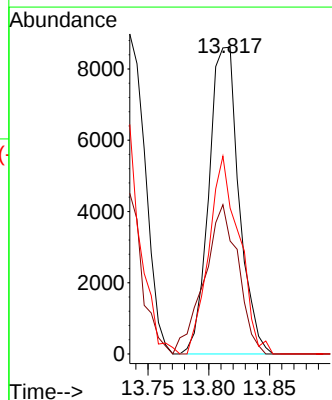
Tgt Ion:146 Resp: 14828

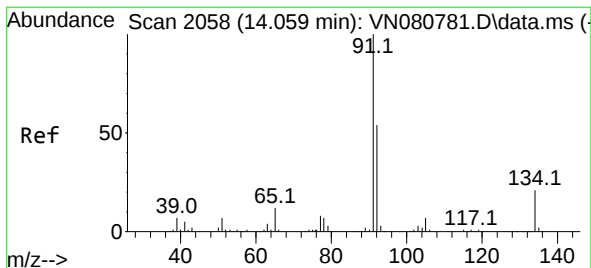
Ion Ratio Lower Upper

146 100

111 54.4 22.6 67.7

148 65.1 31.9 95.5





#89
n-Butylbenzene
Concen: 4.771 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

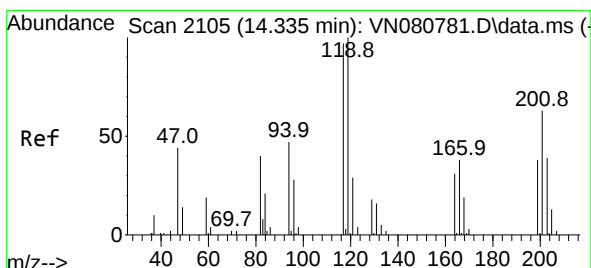
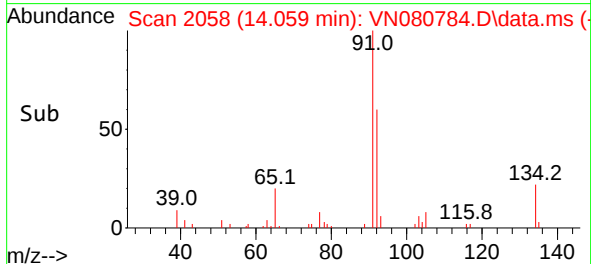
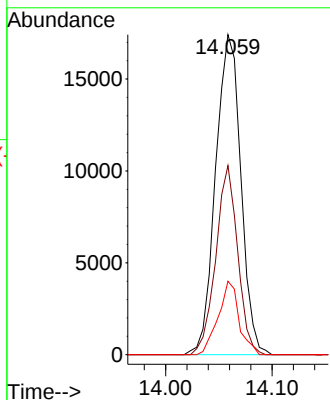
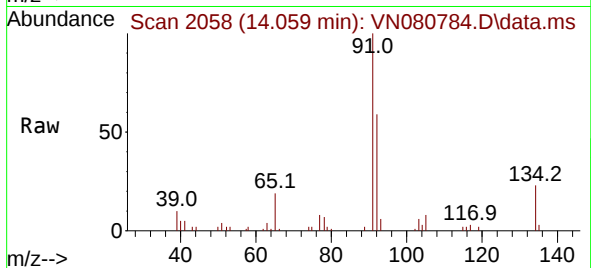
Tgt Ion: 91 Resp: 2864
Ion Ratio Lower Upper
91 100
92 51.2 26.7 80.1
134 19.0 10.8 32.4

Manual Integrations

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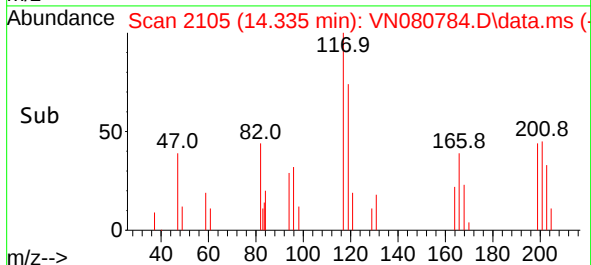
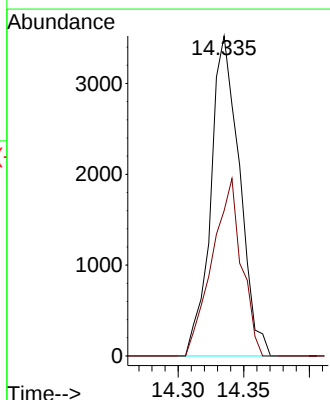
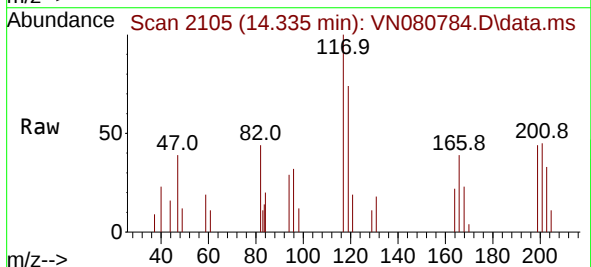
Reviewed By :John Carlone 01/29/2024

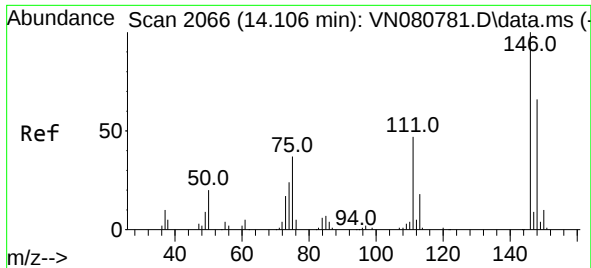
Supervised By :Mahesh Dadoda 01/30/2024



#90
Hexachloroethane
Concen: 4.653 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Tgt Ion:117 Resp: 5374
Ion Ratio Lower Upper
117 100
201 56.8 30.0 90.0





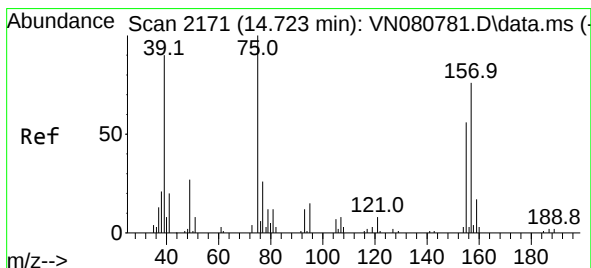
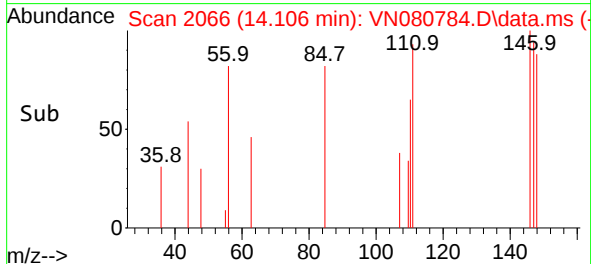
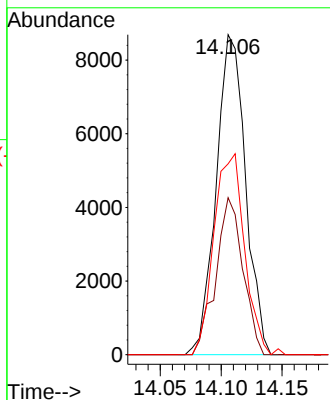
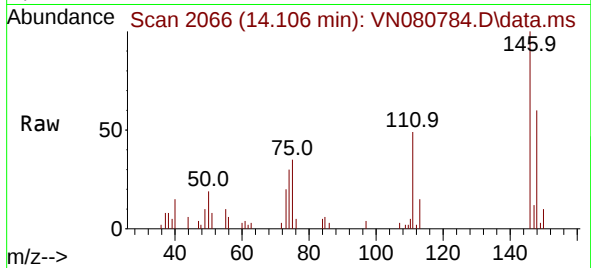
#91
 1,2-Dichlorobenzene
 Concen: 4.905 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN080784.D
 Acq: 29 Jan 2024 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:146 Resp: 14600
 Ion Ratio Lower Upper
 146 100
 111 45.5 23.9 71.8
 148 65.7 31.4 94.0

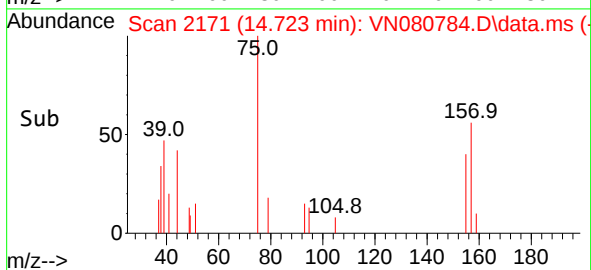
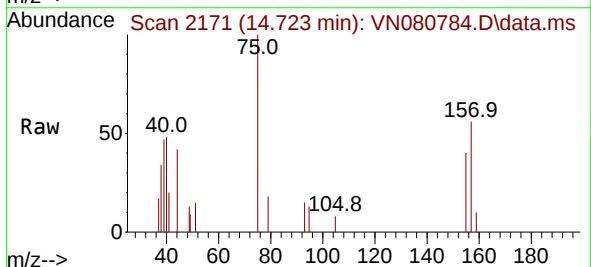
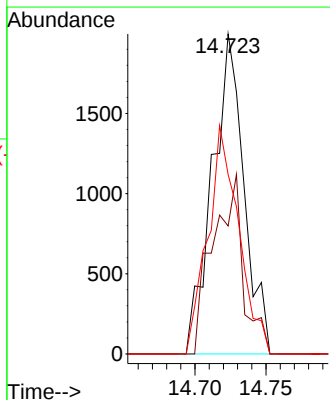
Manual Integrations
 APPROVED

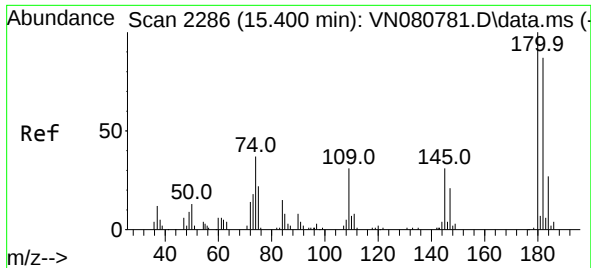
Reviewed By :John Carlone 01/29/2024
 Supervised By :Mahesh Dadoda 01/30/2024



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.547 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN080784.D
 Acq: 29 Jan 2024 11:25

Tgt Ion: 75 Resp: 3093
 Ion Ratio Lower Upper
 75 100
 155 53.8 31.8 95.4
 157 69.9 41.1 123.4





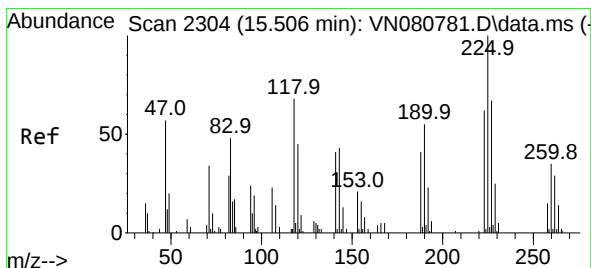
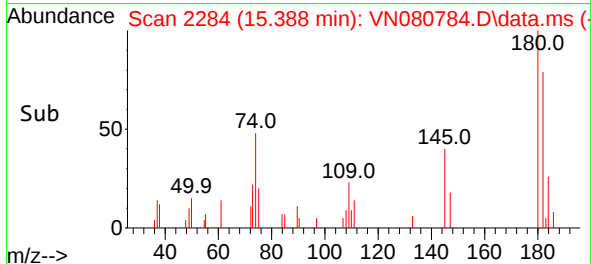
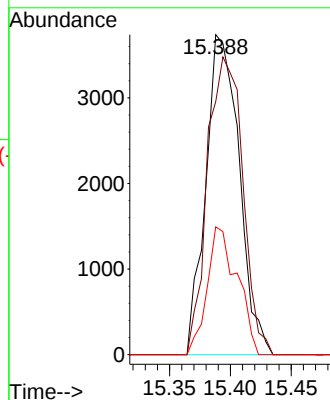
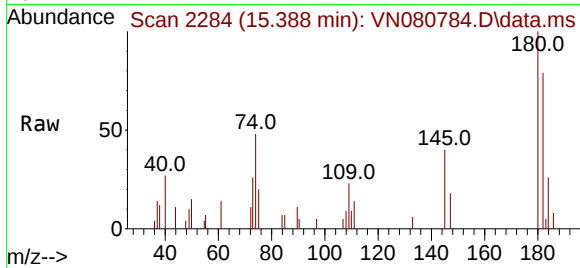
#93
1,2,4-Trichlorobenzene
Concen: 4.604 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 714
Ion Ratio Lower Upper
180 100
182 98.3 46.6 139.7
145 35.9 16.8 50.3

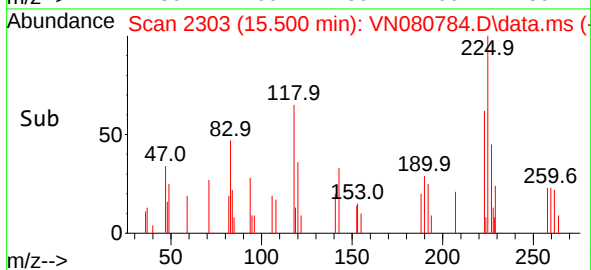
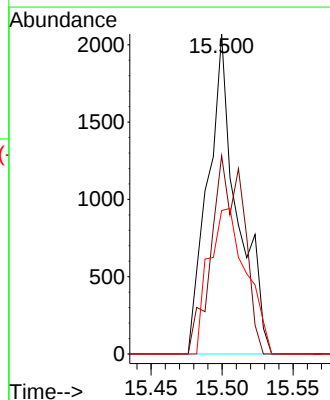
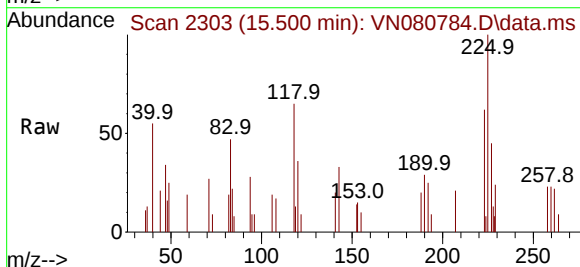
Manual Integrations
APPROVED

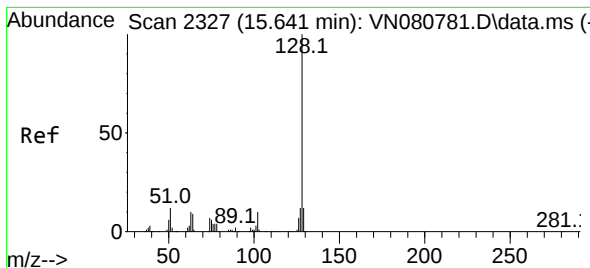
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#94
Hexachlorobutadiene
Concen: 4.018 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN080784.D
Acq: 29 Jan 2024 11:25

Tgt Ion:225 Resp: 2991
Ion Ratio Lower Upper
225 100
223 67.4 33.3 99.8
227 57.9 33.1 99.2





#95

Naphthalene

Concen: 4.276 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN080784.D

Acq: 29 Jan 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

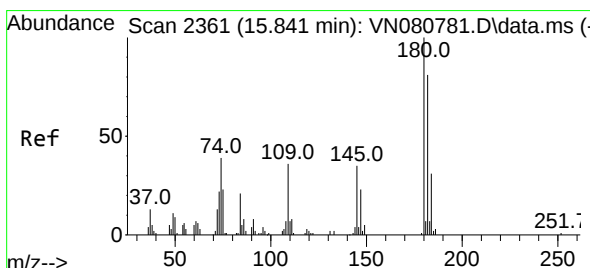
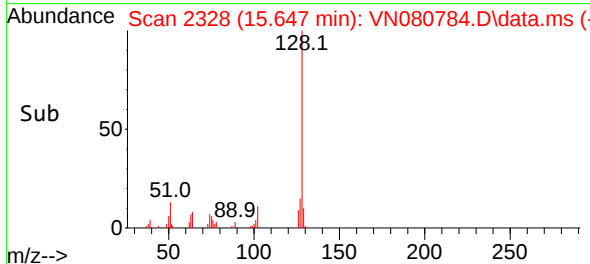
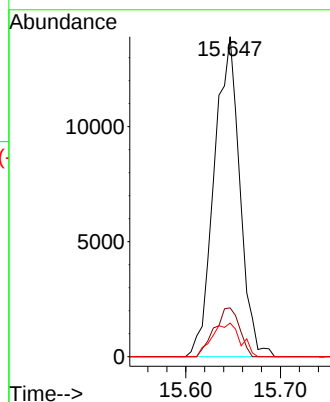
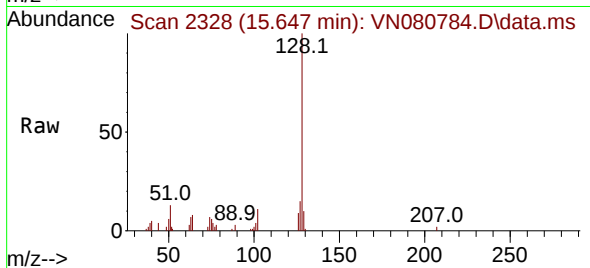
Tgt Ion:128	Resp:	2610
Ion Ratio	Lower	Upper
128	100	
127	14.9	10.0 15.0
129	11.6	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#96

1,2,3-Trichlorobenzene

Concen: 4.582 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080784.D

Acq: 29 Jan 2024 11:25

Tgt Ion:180	Resp:	6878
Ion Ratio	Lower	Upper
180	100	
182	90.5	46.5 139.3
145	36.9	17.8 53.4

