

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080434.D
 Acq On : 12 Dec 2023 11:44
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2023
 Supervised By : Mahesh Dadoda 12/13/2023

Quant Time: Dec 13 01:29:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:22:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	333816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	523288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	462025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	217960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	23216	5.445	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.900%#		
35) Dibromofluoromethane	8.165	113	18711	5.639	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.280%#		
50) Toluene-d8	10.565	98	69009	5.577	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	11.160%#		
62) 4-Bromofluorobenzene	12.847	95	25668	5.463	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.920%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	22579	5.293	ug/l	100
3) Chloromethane	2.365	50	25501	5.368	ug/l	96
4) Vinyl Chloride	2.518	62	19467	5.343	ug/l	100
5) Bromomethane	2.947	94	9581	5.833	ug/l #	80
6) Chloroethane	3.124	64	11943m	5.098	ug/l	
7) Trichlorofluoromethane	3.500	101	38579	5.221	ug/l	100
8) Diethyl Ether	3.959	74	12252	5.264	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	18268	5.216	ug/l	90
10) Methyl Iodide	4.589	142	14946	4.852	ug/l #	82
11) Tert butyl alcohol	5.506	59	13096	26.081	ug/l #	88
12) 1,1-Dichloroethene	4.336	96	18498	5.155	ug/l	86
13) Acrolein	4.177	56	16505	30.014	ug/l	100
14) Allyl chloride	5.018	41	22699	5.112	ug/l	95
15) Acrylonitrile	5.718	53	38409	27.071	ug/l	99
16) Acetone	4.430	43	15269	20.198	ug/l #	86
17) Carbon Disulfide	4.706	76	52758	5.188	ug/l	96
18) Methyl Acetate	5.012	43	25431	5.228	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	62693	5.236	ug/l	95
20) Methylene Chloride	5.277	84	21860	5.403	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	20023	5.146	ug/l	86
22) Diisopropyl ether	6.671	45	50941	5.316	ug/l	96
23) Vinyl Acetate	6.600	43	147787	26.852	ug/l	93
24) 1,1-Dichloroethane	6.565	63	35354	5.288	ug/l	97
25) 2-Butanone	7.482	43	35411	24.315	ug/l	92
26) 2,2-Dichloropropane	7.488	77	35385	5.176	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	22767	5.169	ug/l	92
28) Bromochloromethane	7.812	49	14216	5.538	ug/l	96
29) Tetrahydrofuran	7.847	42	29133	27.936	ug/l	88
30) Chloroform	7.965	83	38314	5.163	ug/l	86
31) Cyclohexane	8.259	56	34123	5.885	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	37461	5.155	ug/l #	51
36) 1,1-Dichloropropene	8.371	75	29241	5.390	ug/l	95
37) Ethyl Acetate	7.559	43	19021	5.599	ug/l	97
38) Carbon Tetrachloride	8.365	117	33651	5.191	ug/l	93
39) Methylcyclohexane	9.600	83	29564	5.246	ug/l	89
40) Benzene	8.606	78	82132	5.243	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080434.D
 Acq On : 12 Dec 2023 11:44
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2023
 Supervised By : Mahesh Dadoda 12/13/2023

Quant Time: Dec 13 01:29:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:22:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	10273	5.245	ug/l	92
42) 1,2-Dichloroethane	8.671	62	31222	5.382	ug/l	99
43) Isopropyl Acetate	8.688	43	33978	5.563	ug/l	97
44) Trichloroethene	9.347	130	21475	5.085	ug/l	97
45) 1,2-Dichloropropane	9.618	63	19363	5.263	ug/l	95
46) Dibromomethane	9.706	93	14989	5.673	ug/l	93
47) Bromodichloromethane	9.882	83	29188	5.154	ug/l #	99
48) Methyl methacrylate	9.682	41	18393	5.046	ug/l	92
49) 1,4-Dioxane	9.700	88	5567	100.763	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	90824	26.999	ug/l	100
52) Toluene	10.629	92	52252	5.280	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	31260	5.102	ug/l	91
54) cis-1,3-Dichloropropene	10.312	75	34803	5.314	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	19378	5.442	ug/l	93
56) Ethyl methacrylate	10.870	69	20632	5.233	ug/l	91
57) 1,3-Dichloropropane	11.165	76	34011	5.449	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	58030	23.316	ug/l	97
59) 2-Hexanone	11.194	43	66933	26.952	ug/l	97
60) Dibromochloromethane	11.359	129	21436	5.080	ug/l	98
61) 1,2-Dibromoethane	11.470	107	19299	5.237	ug/l	99
64) Tetrachloroethene	11.100	164	19028	5.334	ug/l	88
65) Chlorobenzene	11.888	112	53448	5.200	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	21072	5.225	ug/l	98
67) Ethyl Benzene	11.965	91	99799	5.281	ug/l	94
68) m/p-Xylenes	12.070	106	73840	10.574	ug/l	92
69) o-Xylene	12.400	106	36388	5.327	ug/l	95
70) Styrene	12.412	104	50165	5.099	ug/l	91
71) Bromoform	12.582	173	14558	4.950	ug/l #	95
73) Isopropylbenzene	12.700	105	92609	5.289	ug/l	100
74) N-amyl acetate	12.494	43	25477	4.983	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	25876	5.515	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	22216m	4.677	ug/l	
77) Bromobenzene	12.982	156	22428	5.207	ug/l	98
78) n-propylbenzene	13.035	91	101364	5.251	ug/l	99
79) 2-Chlorotoluene	13.123	91	67606	5.364	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	78598	5.212	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	8847	5.342	ug/l #	52
82) 4-Chlorotoluene	13.223	91	68286	5.271	ug/l	94
83) tert-Butylbenzene	13.441	119	66656	5.397	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	77831	5.188	ug/l	98
85) sec-Butylbenzene	13.617	105	81521	5.160	ug/l	99
86) p-Isopropyltoluene	13.729	119	72850	5.107	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	40333	5.315	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	40150	5.241	ug/l	92
89) n-Butylbenzene	14.059	91	59936	5.031	ug/l	97
90) Hexachloroethane	14.335	117	11778	5.199	ug/l	71
91) 1,2-Dichlorobenzene	14.111	146	39692	5.508	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	5437	5.509	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	21516	5.378	ug/l	100
94) Hexachlorobutadiene	15.500	225	12673	5.564	ug/l	93
95) Naphthalene	15.641	128	62878	5.175	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	20591	5.333	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
Data File : VN080434.D
Acq On : 12 Dec 2023 11:44
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

Quant Time: Dec 13 01:29:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:22:48 2023
Response via : Initial Calibration

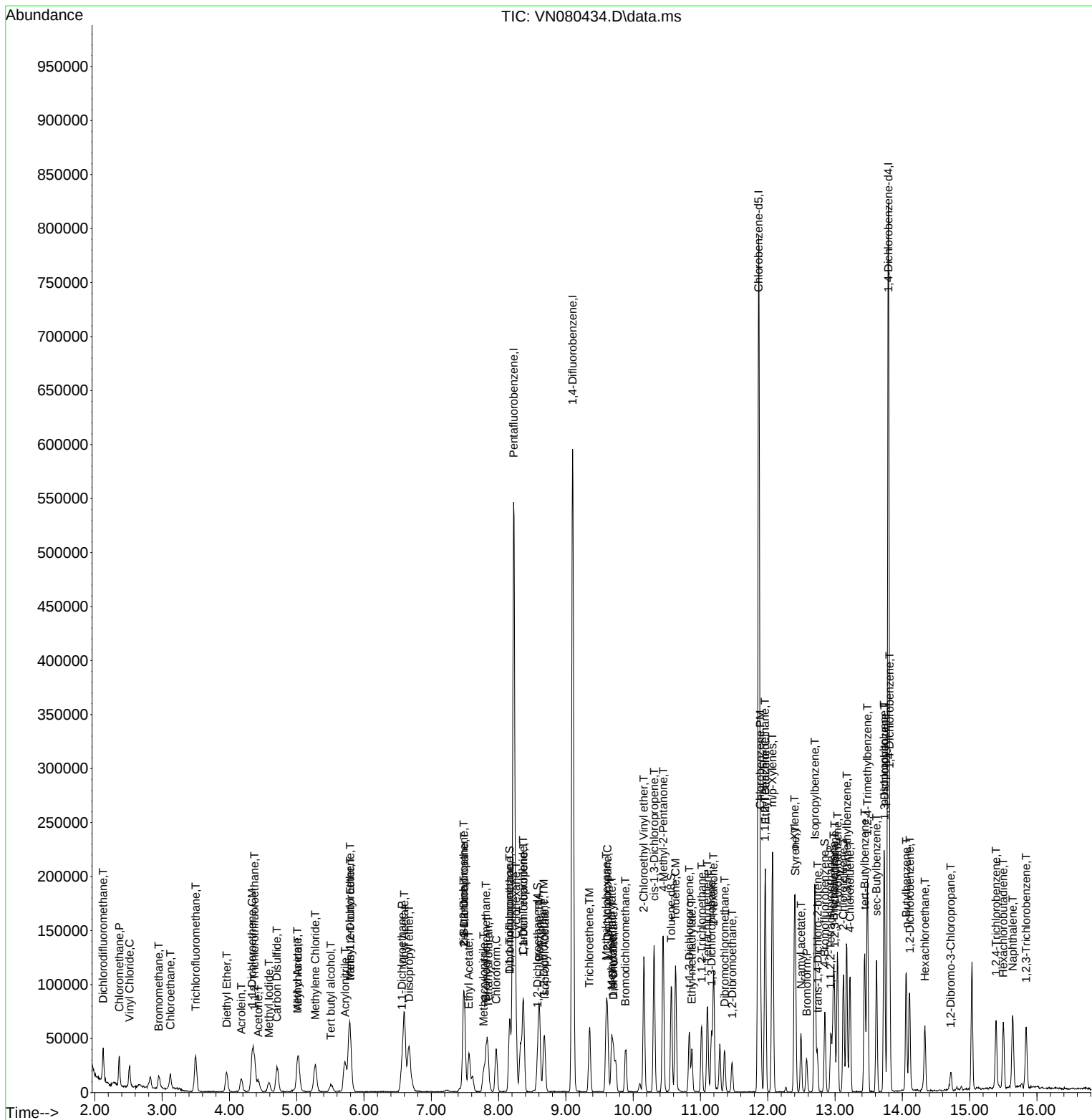
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

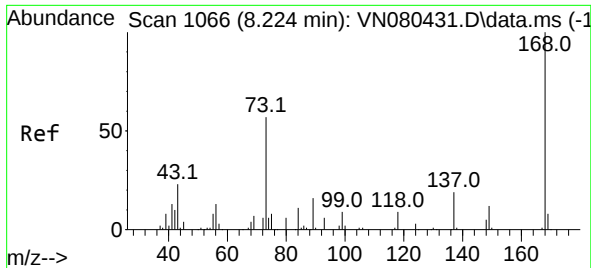
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

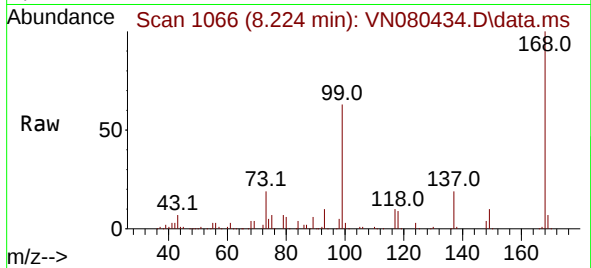
Quant Time: Dec 13 01:29:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:22:48 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

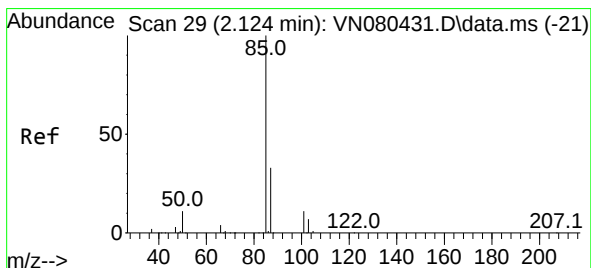
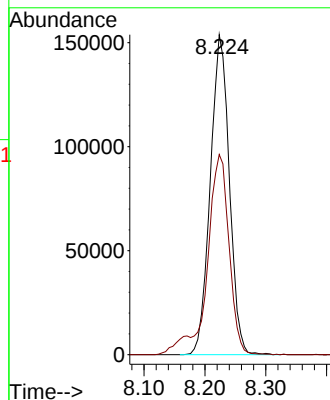
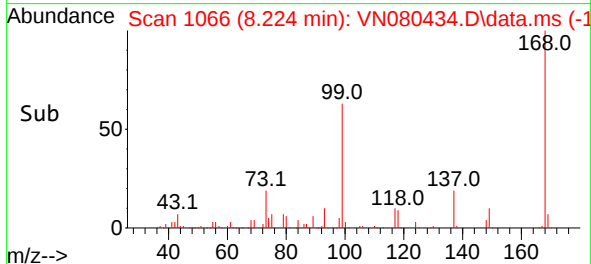
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



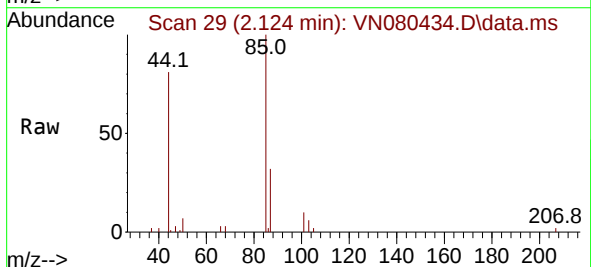
Tgt Ion:168 Resp: 333810
Ion Ratio Lower Upper
168 100
99 62.5 53.0 79.6

Manual Integrations
APPROVED

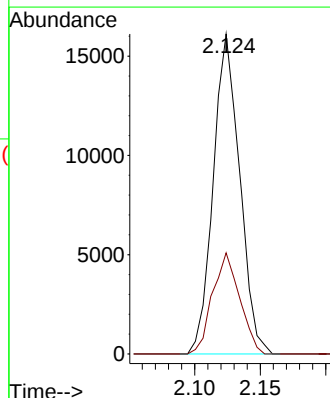
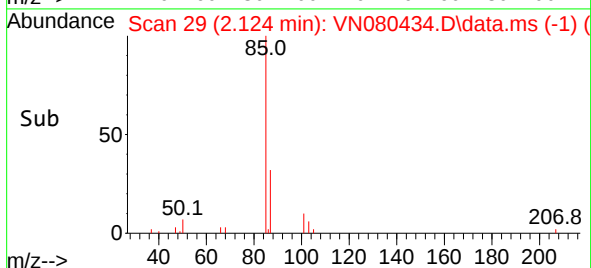
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

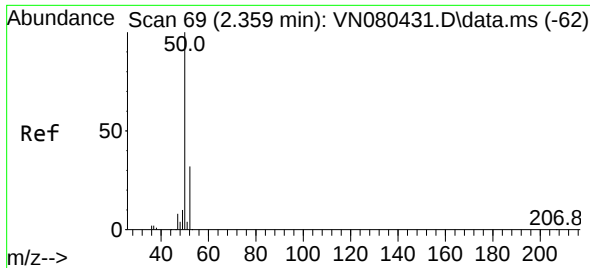


#2
Dichlorodifluoromethane
Concen: 5.293 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44



Tgt Ion: 85 Resp: 22579
Ion Ratio Lower Upper
85 100
87 31.6 15.8 47.4





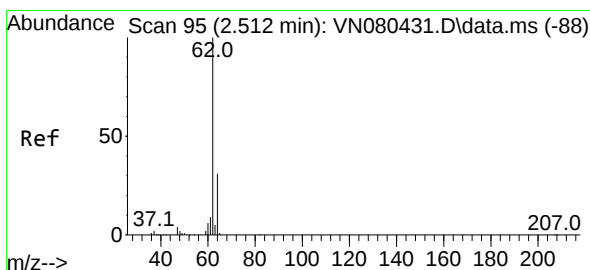
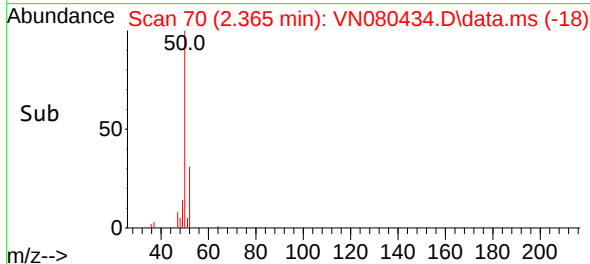
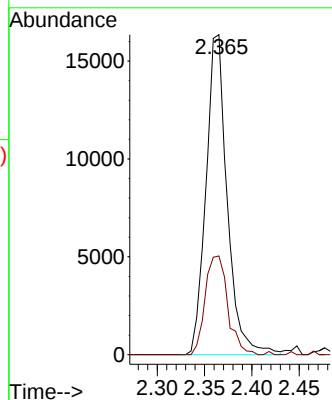
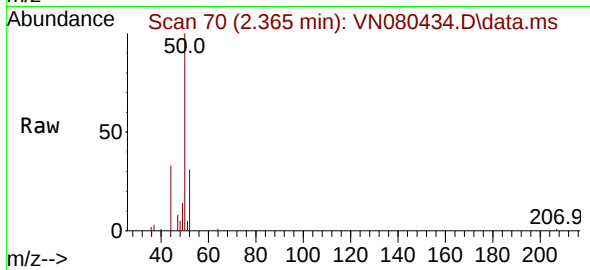
#3
Chloromethane
Concen: 5.368 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 2550
Ion Ratio Lower Upper
50 100
52 30.9 26.5 39.7

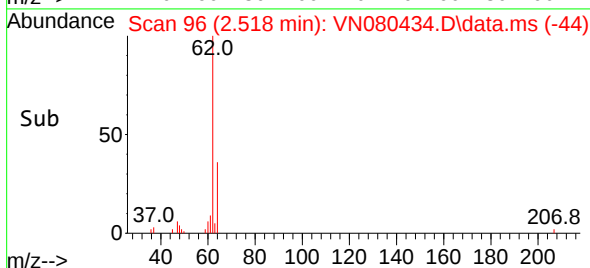
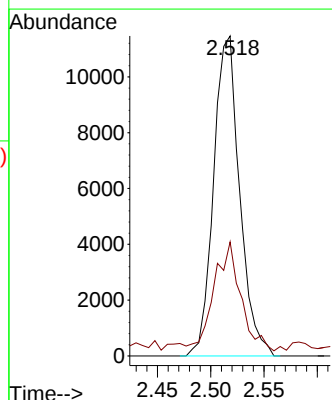
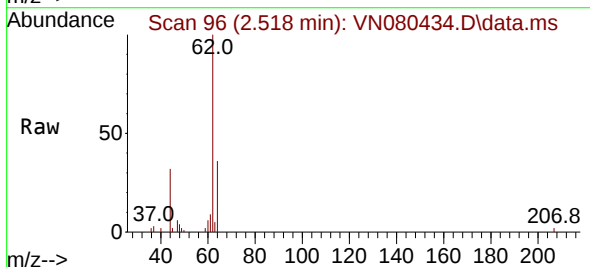
Manual Integrations
APPROVED

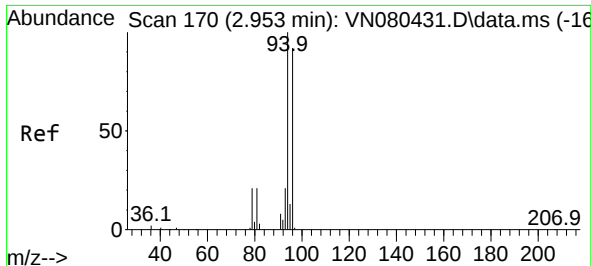
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#4
Vinyl Chloride
Concen: 5.343 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

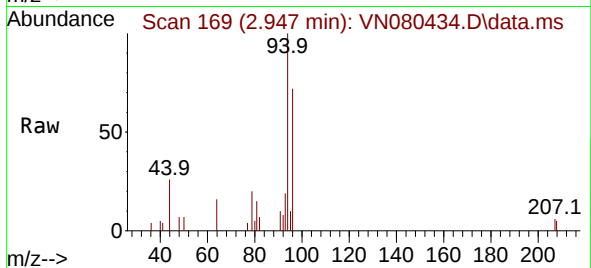
Tgt Ion: 62 Resp: 19467
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2





#5
Bromomethane
Concen: 5.833 ug/l
RT: 2.947 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

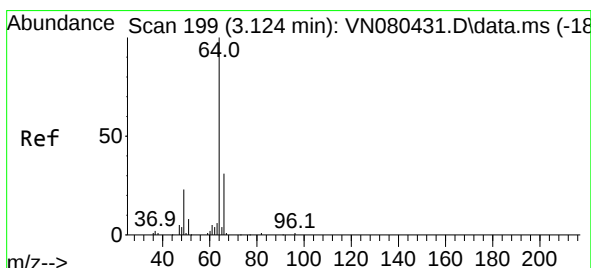
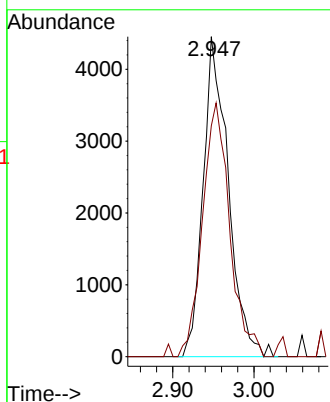
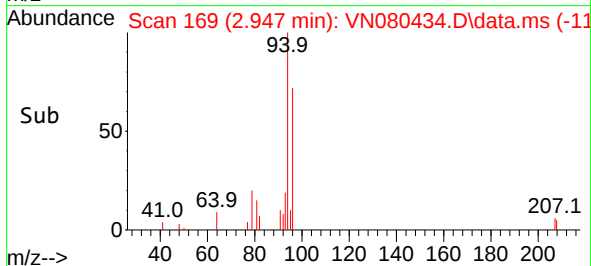
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



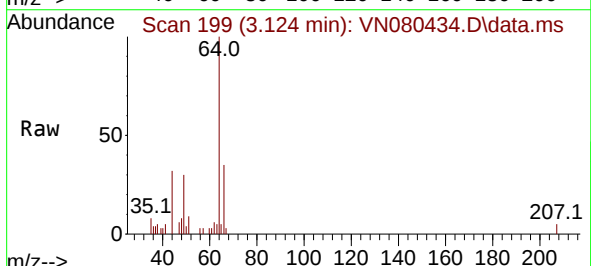
Tgt Ion: 94 Resp: 958
Ion Ratio Lower Upper
94 100
96 72.2 73.1 109.7

Manual Integrations
APPROVED

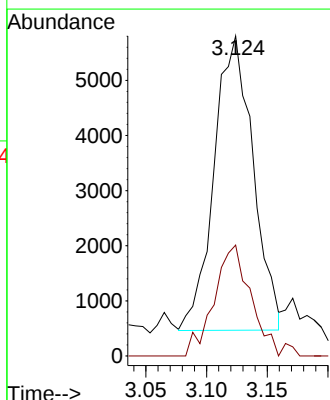
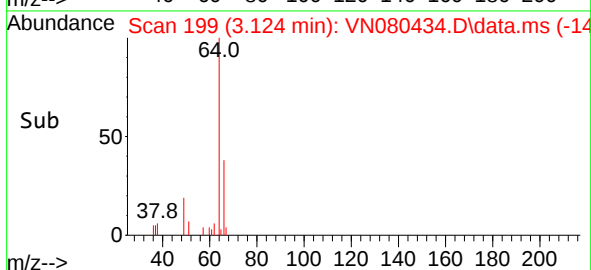
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

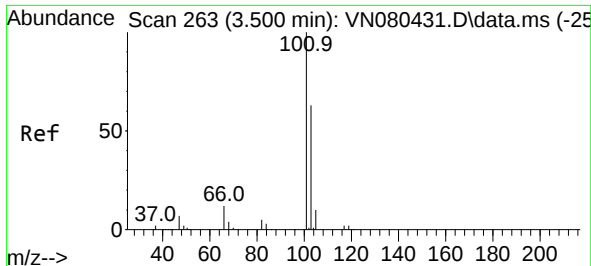


#6
Chloroethane
Concen: 5.098 ug/l m
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44



Tgt Ion: 64 Resp: 11943
Ion Ratio Lower Upper
64 100
66 34.7 25.4 38.2





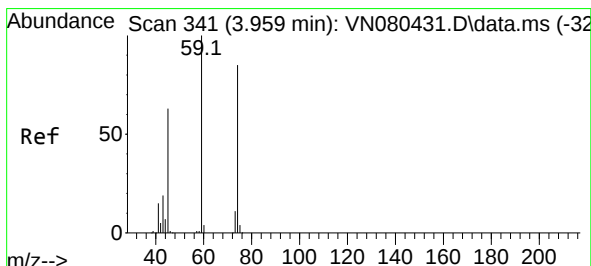
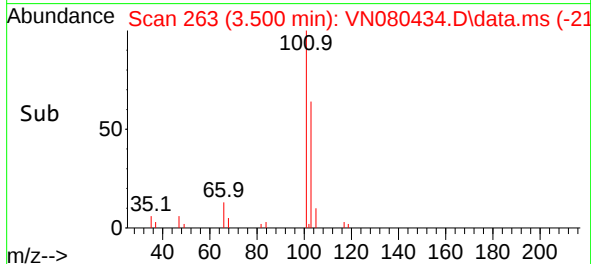
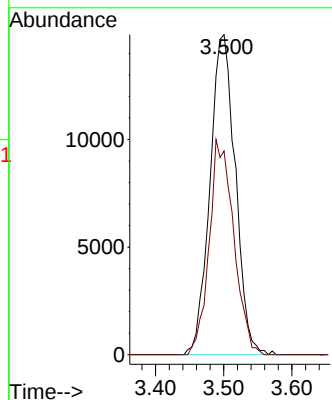
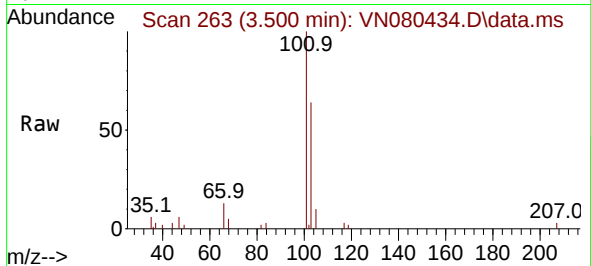
#7
Trichlorofluoromethane
Concen: 5.221 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 38579
Ion Ratio Lower Upper
101 100
103 63.7 50.7 76.1

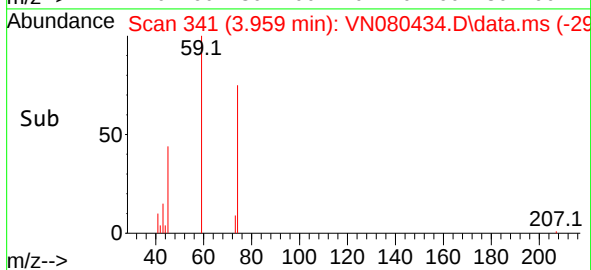
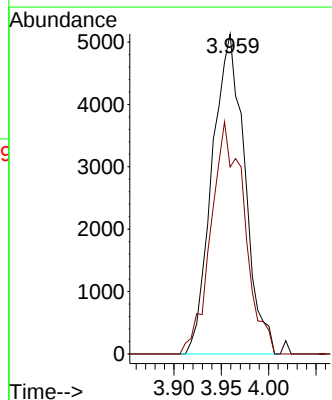
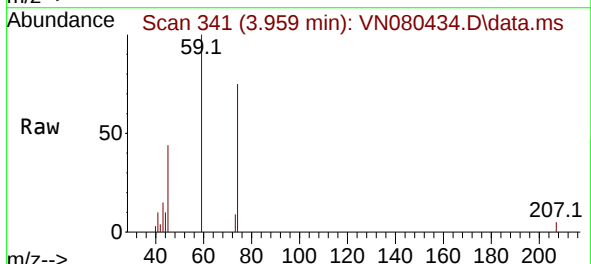
Manual Integrations
APPROVED

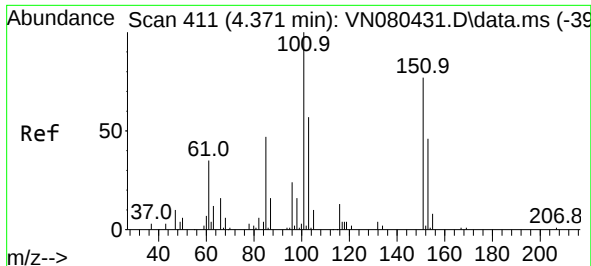
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#8
Diethyl Ether
Concen: 5.264 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Tgt Ion: 74 Resp: 12252
Ion Ratio Lower Upper
74 100
45 74.4 34.4 103.3





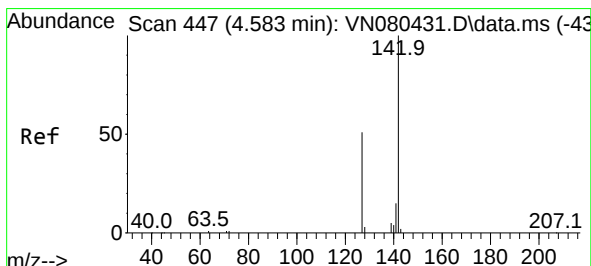
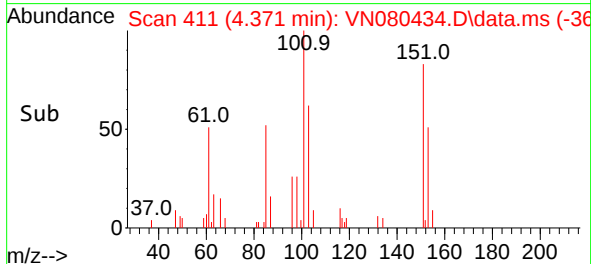
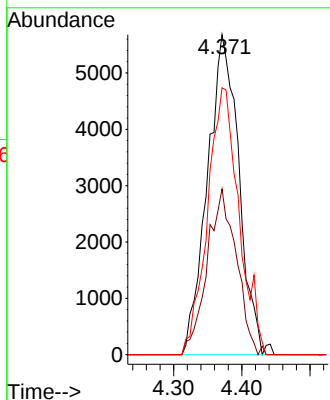
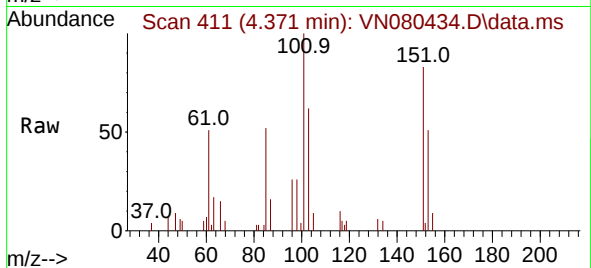
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.216 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1826
Ion Ratio Lower Upper
101 100
85 48.3 36.6 55.0
151 83.3 57.6 86.4

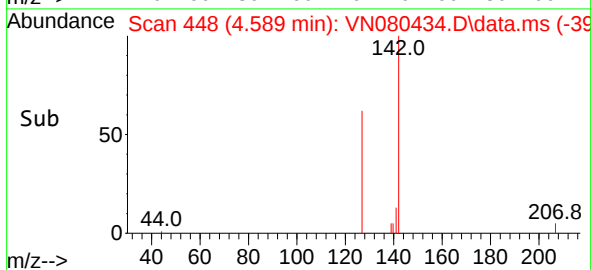
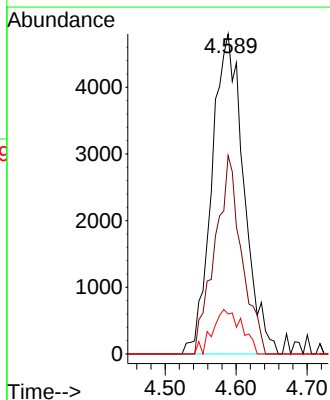
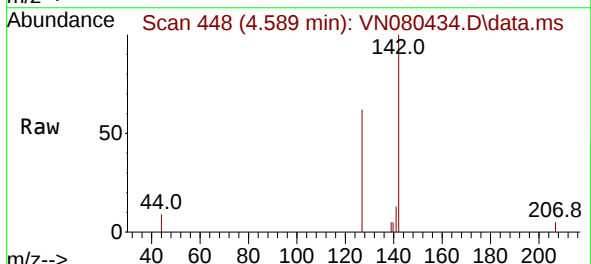
Manual Integrations
APPROVED

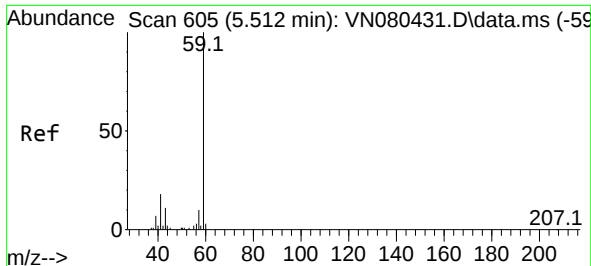
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#10
Methyl Iodide
Concen: 4.852 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Tgt Ion:142 Resp: 14946
Ion Ratio Lower Upper
142 100
127 62.0 37.6 56.4#
141 12.5 11.4 17.0





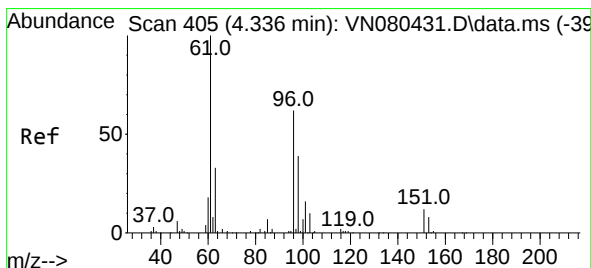
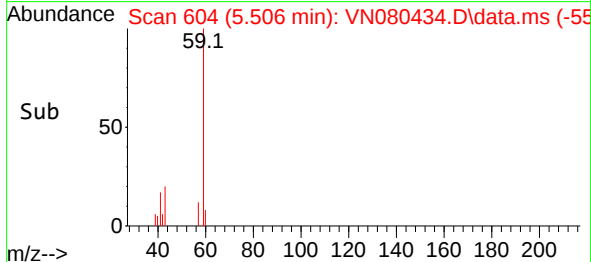
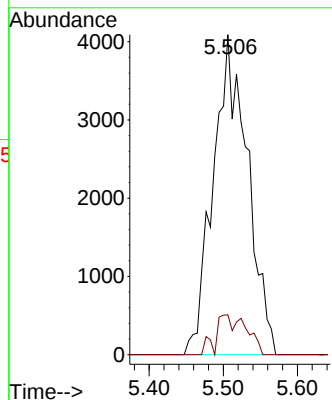
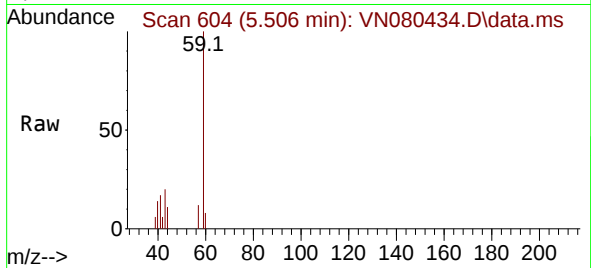
#11
Tert butyl alcohol
Concen: 26.081 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 13090
Ion Ratio Lower Upper
59 100
57 6.0 8.2 12.4

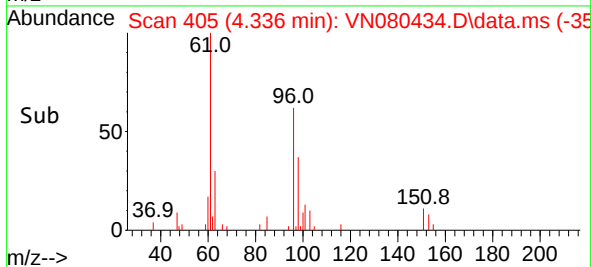
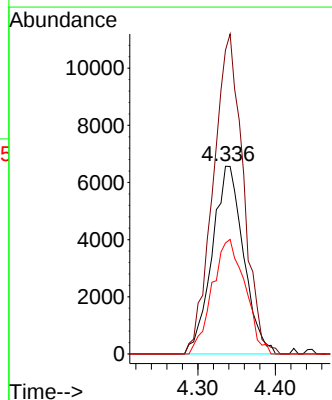
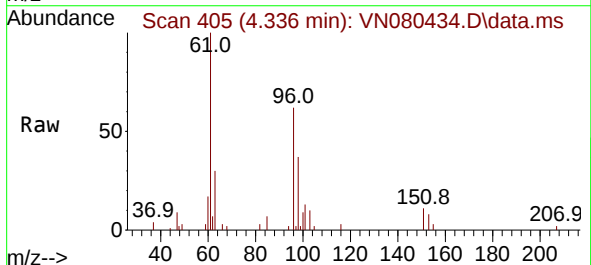
Manual Integrations
APPROVED

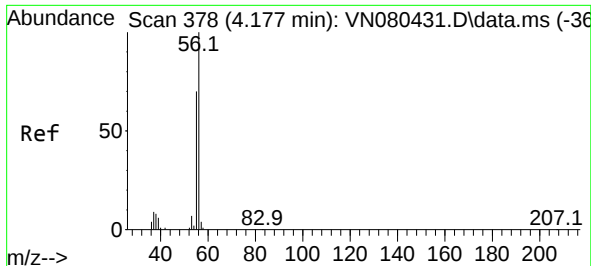
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#12
1,1-Dichloroethene
Concen: 5.155 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Tgt Ion: 96 Resp: 18498
Ion Ratio Lower Upper
96 100
61 161.9 112.7 169.1
98 59.1 51.2 76.8





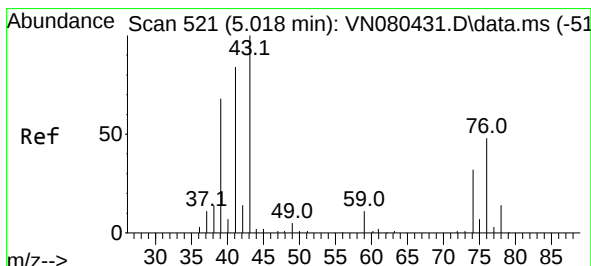
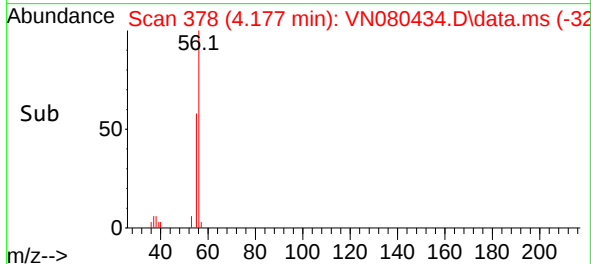
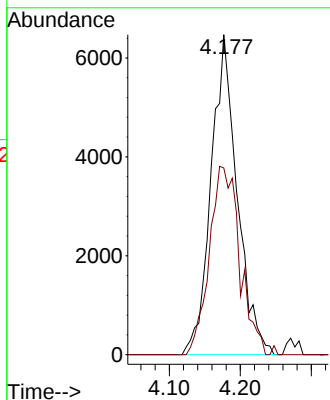
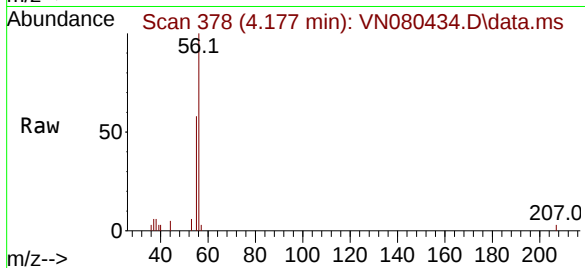
#13
Acrolein
Concen: 30.014 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 1650
Ion Ratio Lower Upper
56 100
55 68.3 54.5 81.7

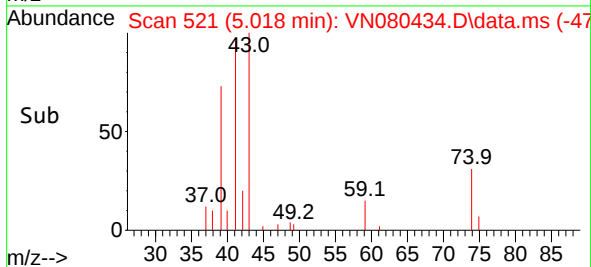
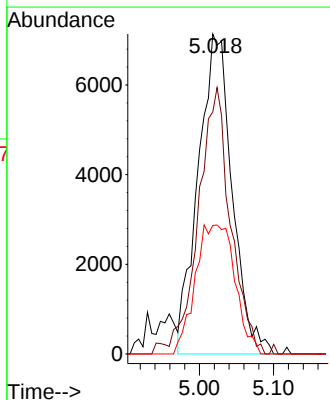
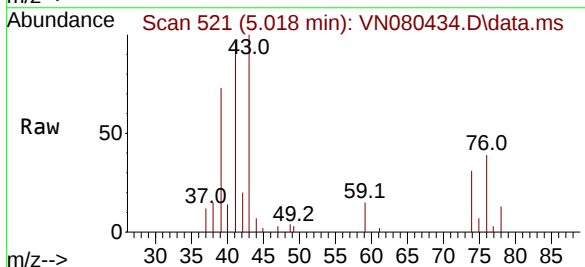
Manual Integrations
APPROVED

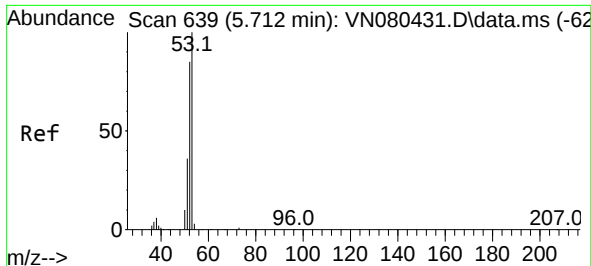
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#14
Allyl chloride
Concen: 5.112 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

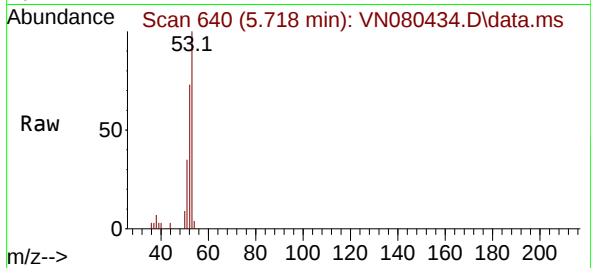
Tgt Ion: 41 Resp: 22699
Ion Ratio Lower Upper
41 100
39 79.5 58.8 88.2
76 47.1 39.1 58.7





#15
Acrylonitrile
Concen: 27.071 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

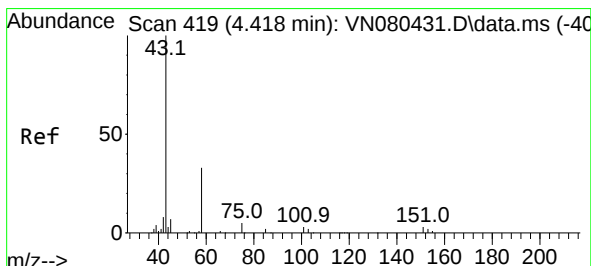
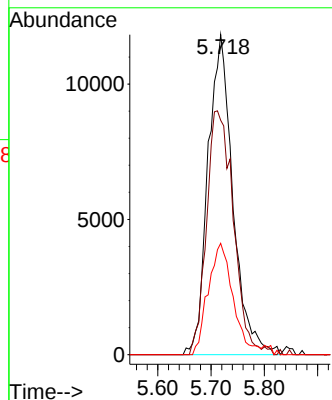
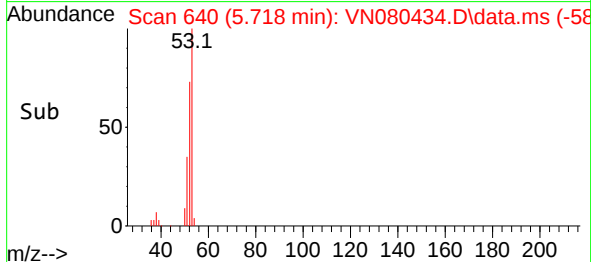
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



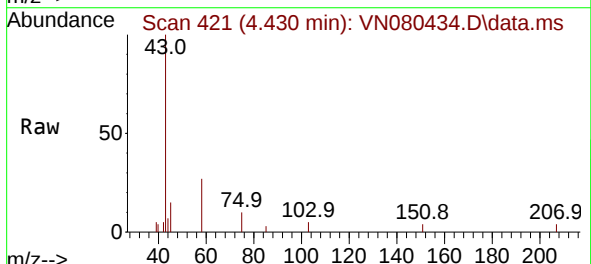
Tgt Ion: 53 Resp: 38409
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 34.8 28.9 43.3

Manual Integrations
APPROVED

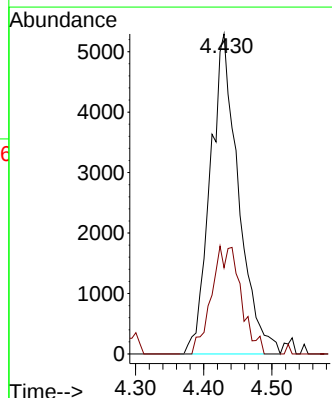
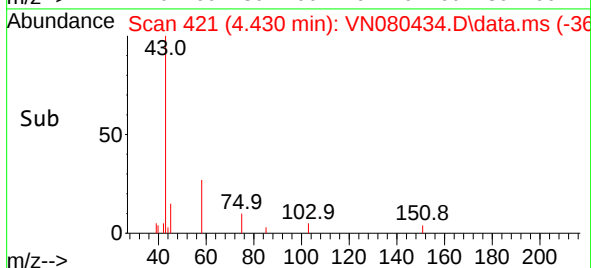
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

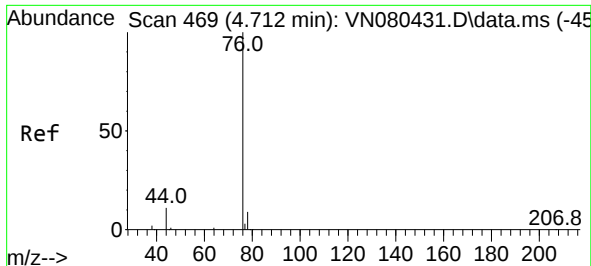


#16
Acetone
Concen: 20.198 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44



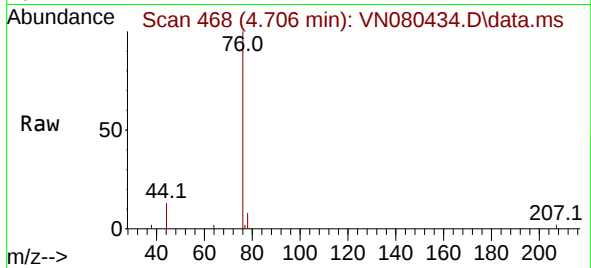
Tgt Ion: 43 Resp: 15269
Ion Ratio Lower Upper
43 100
58 26.9 28.0 42.0#





#17
Carbon Disulfide
Concen: 5.188 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

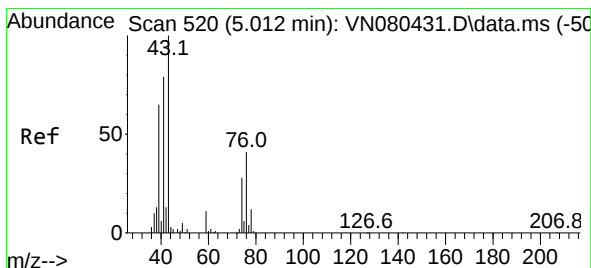
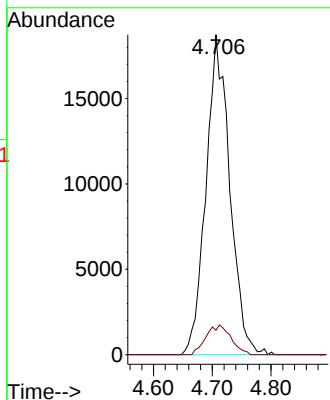
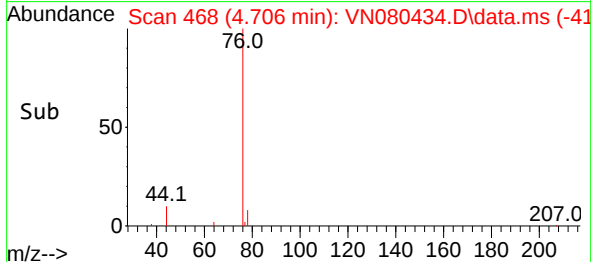
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 52758
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0

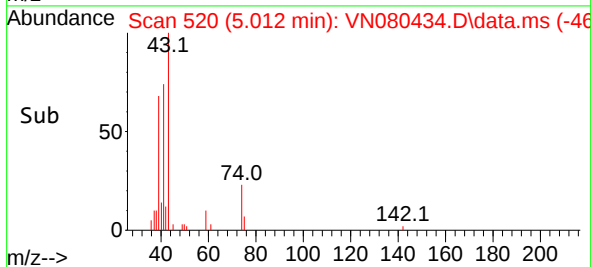
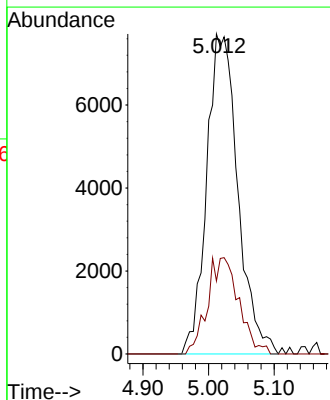
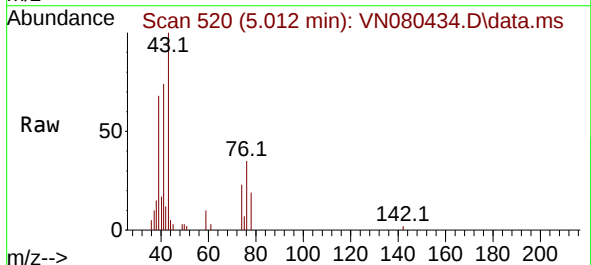
Manual Integrations
APPROVED

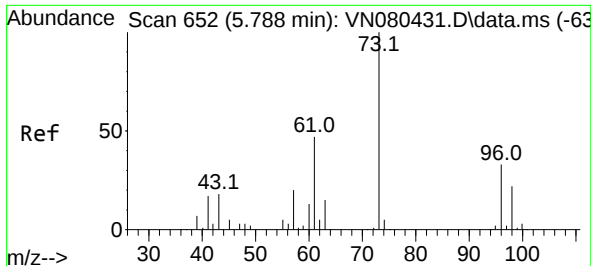
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#18
Methyl Acetate
Concen: 5.228 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Tgt Ion: 43 Resp: 25431
Ion Ratio Lower Upper
43 100
74 30.4 26.2 39.4





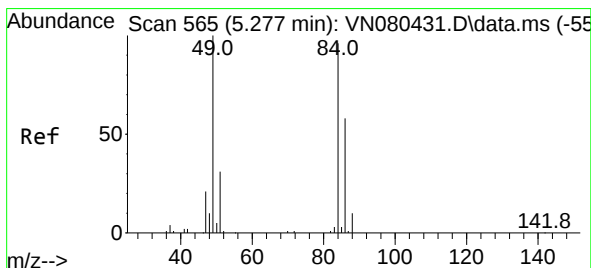
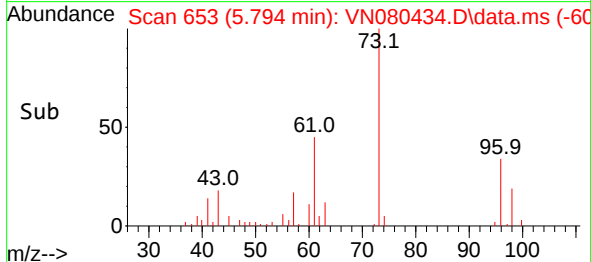
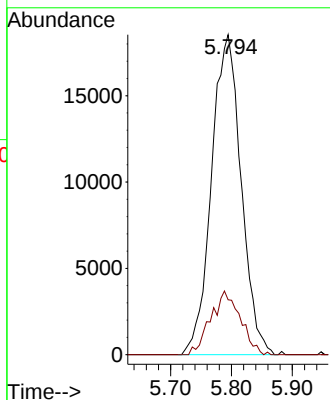
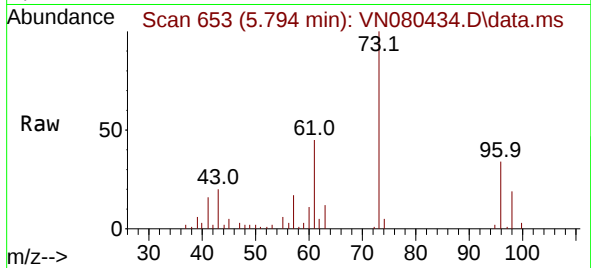
#19
Methyl tert-butyl Ether
Concen: 5.236 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 6269
Ion Ratio Lower Upper
73 100
57 17.2 15.6 23.4

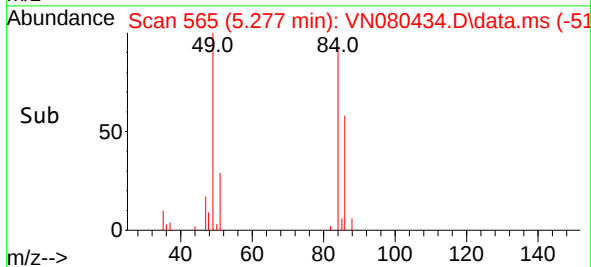
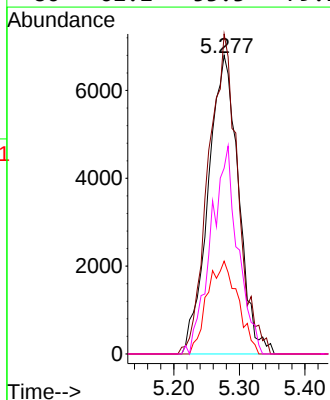
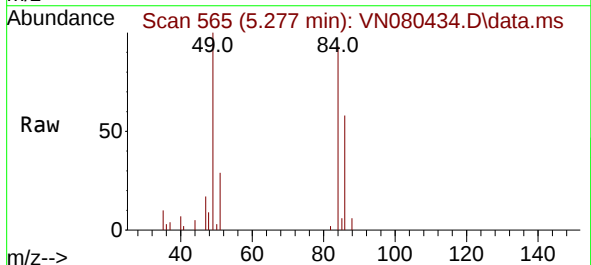
Manual Integrations
APPROVED

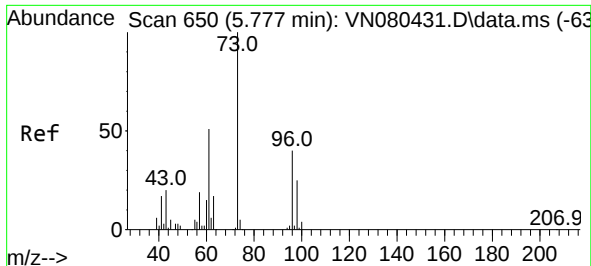
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#20
Methylene Chloride
Concen: 5.403 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

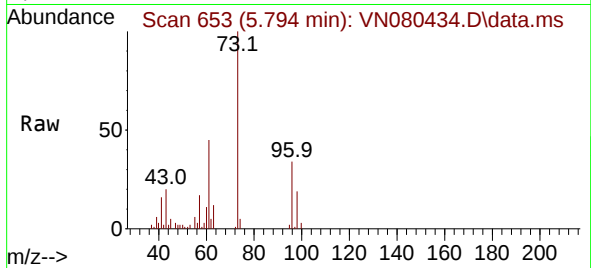
Tgt Ion: 84 Resp: 21860
Ion Ratio Lower Upper
84 100
49 107.2 79.7 119.5
51 31.1 25.2 37.8
86 62.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 5.146 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

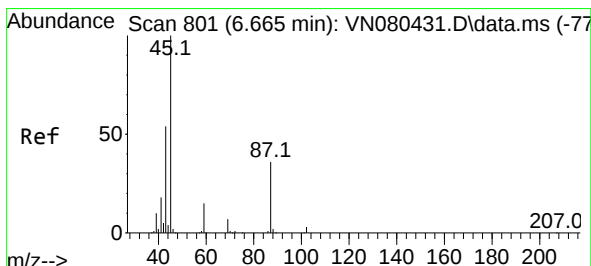
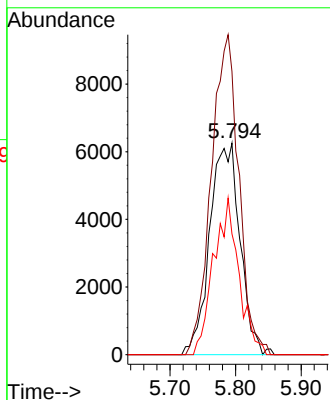
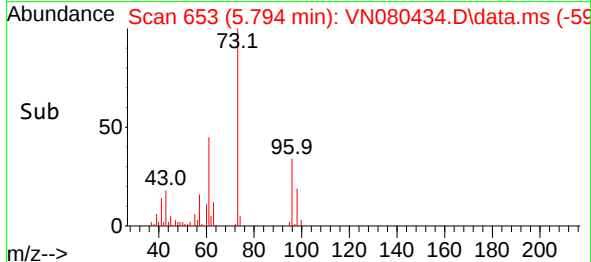
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 2002
Ion Ratio Lower Upper
96 100
61 133.8 90.1 135.1
98 57.1 46.4 69.6

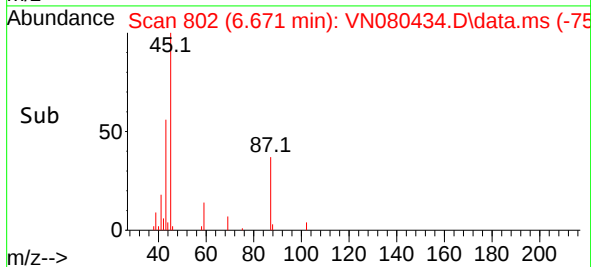
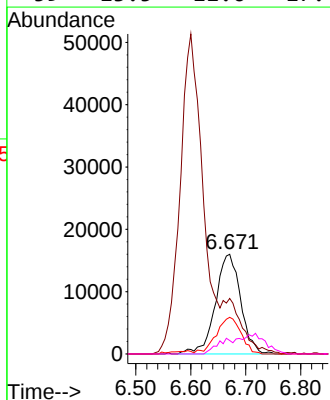
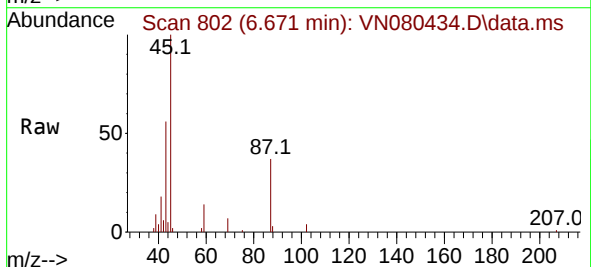
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#22
Diisopropyl ether
Concen: 5.316 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Tgt Ion: 45 Resp: 50941
Ion Ratio Lower Upper
45 100
43 54.1 45.5 68.3
87 36.8 31.8 47.8
59 13.5 11.6 17.4





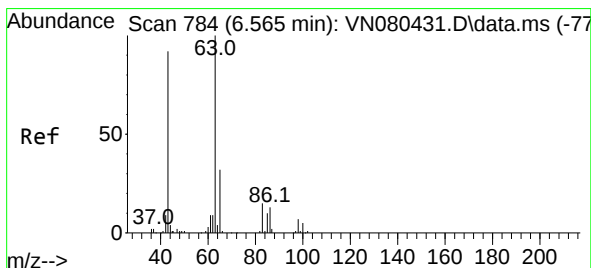
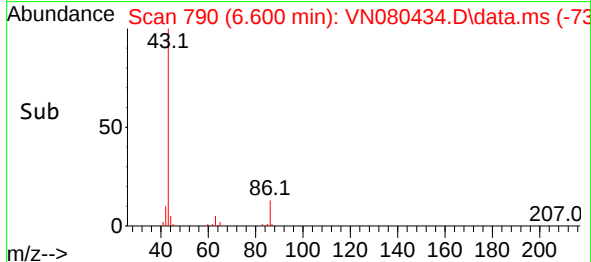
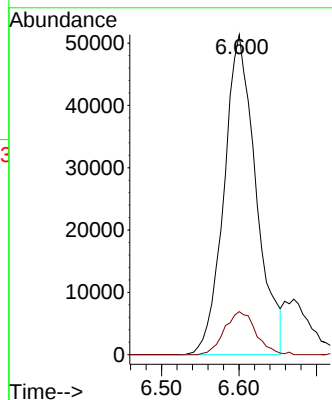
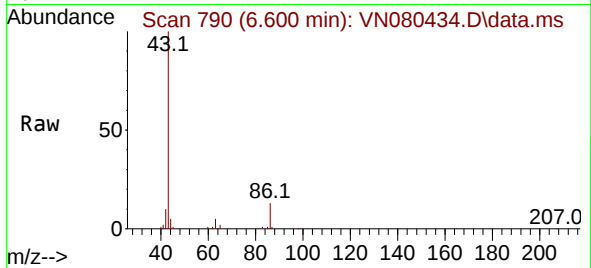
#23
 Vinyl Acetate
 Concen: 26.852 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080434.D
 Acq: 12 Dec 2023 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 14778
 Ion Ratio Lower Upper
 43 100
 86 13.4 13.0 19.6

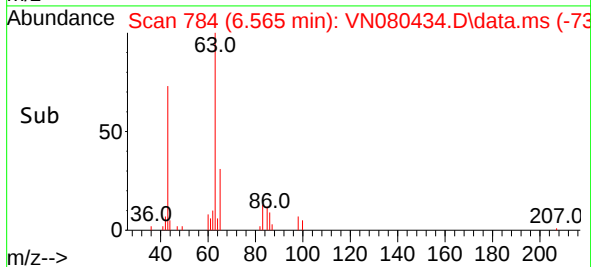
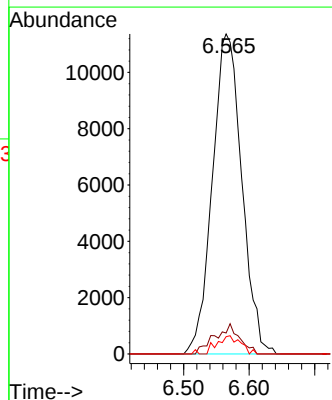
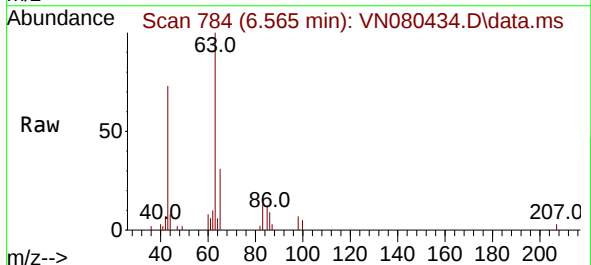
Manual Integrations
 APPROVED

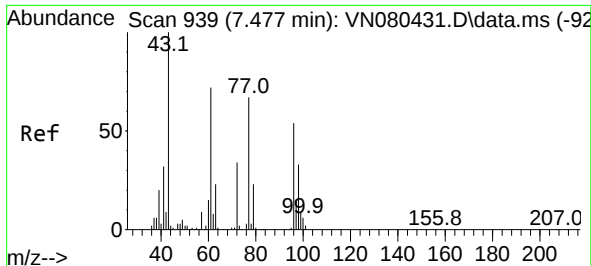
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#24
 1,1-Dichloroethane
 Concen: 5.288 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080434.D
 Acq: 12 Dec 2023 11:44

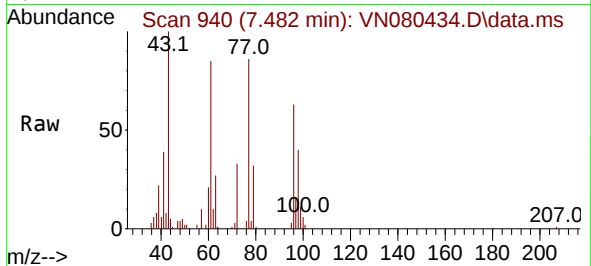
Tgt Ion: 63 Resp: 35354
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 5.4 2.5 7.4





#25
2-Butanone
Concen: 24.315 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

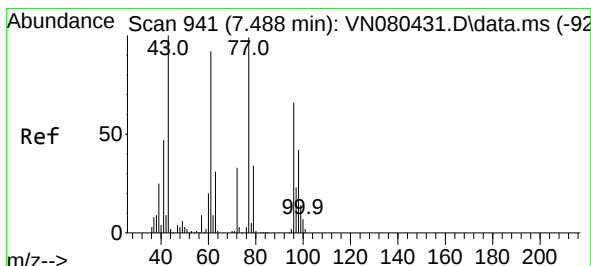
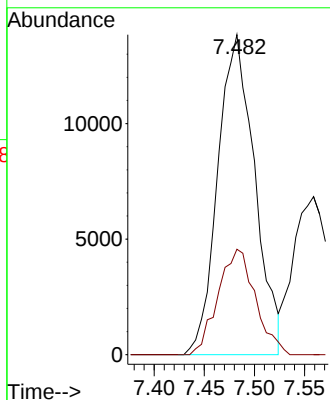
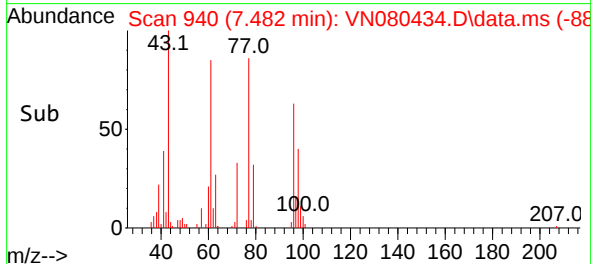
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



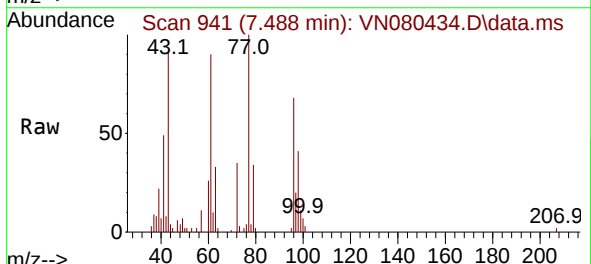
Tgt Ion: 43 Resp: 3541
Ion Ratio Lower Upper
43 100
72 32.9 30.2 45.2

Manual Integrations
APPROVED

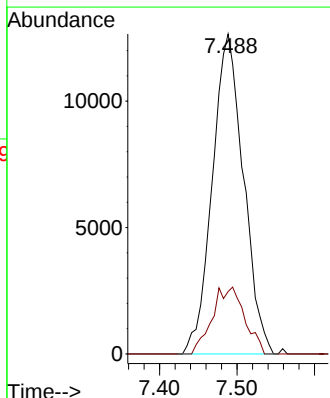
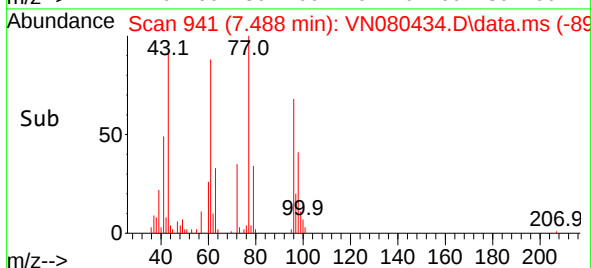
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

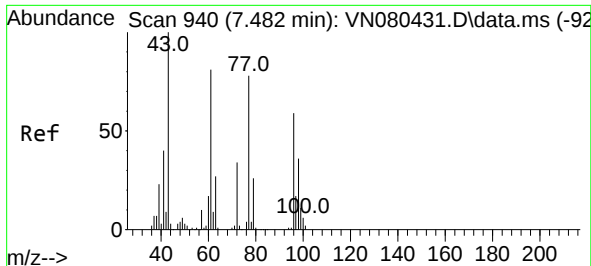


#26
2,2-Dichloropropane
Concen: 5.176 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44



Tgt Ion: 77 Resp: 35385
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.6





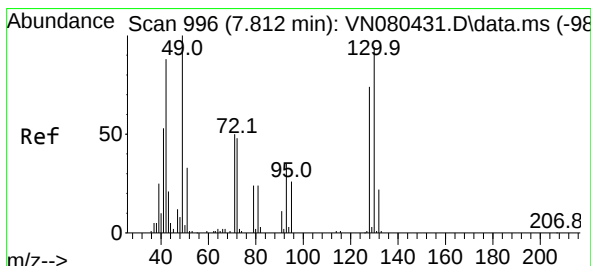
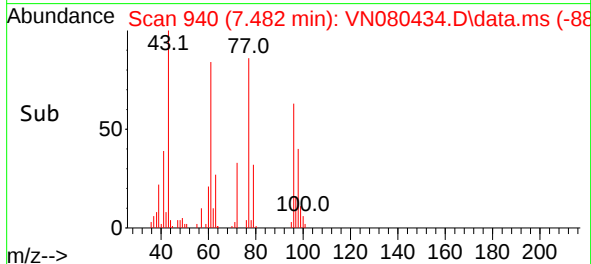
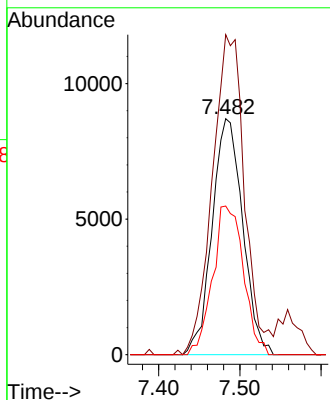
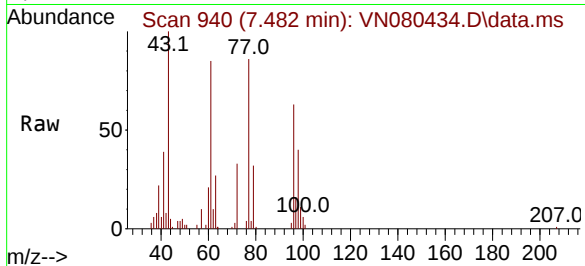
#27
 cis-1,2-Dichloroethene
 Concen: 5.169 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080434.D
 Acq: 12 Dec 2023 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 2276
 Ion Ratio Lower Upper
 96 100
 61 140.7 0.0 255.2
 98 63.5 0.0 128.8

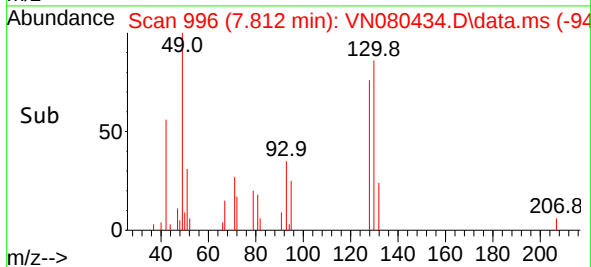
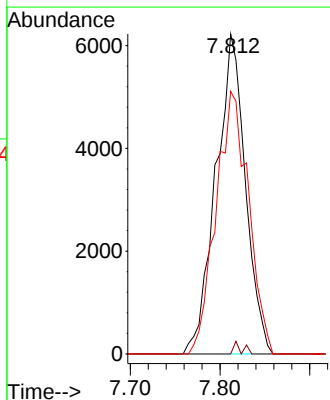
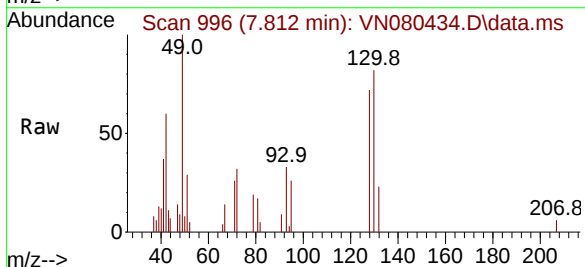
Manual Integrations
 APPROVED

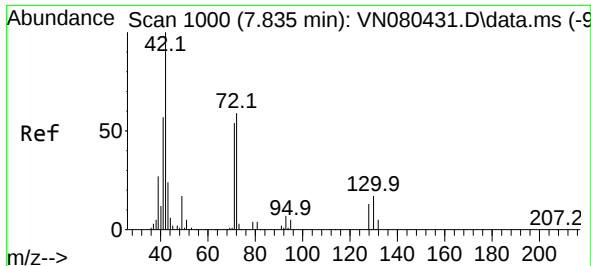
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#28
 Bromochloromethane
 Concen: 5.538 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080434.D
 Acq: 12 Dec 2023 11:44

Tgt Ion: 49 Resp: 14216
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.8
 130 90.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 27.936 ug/l

RT: 7.847 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

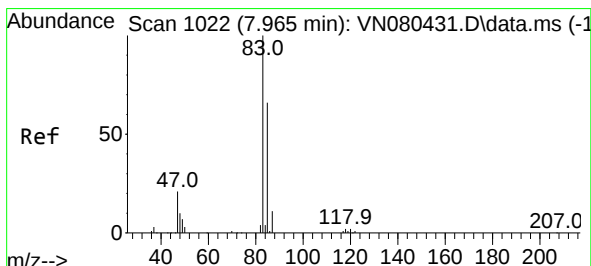
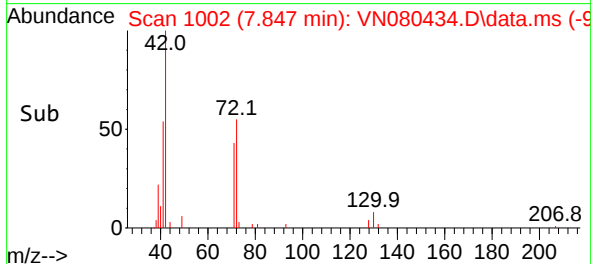
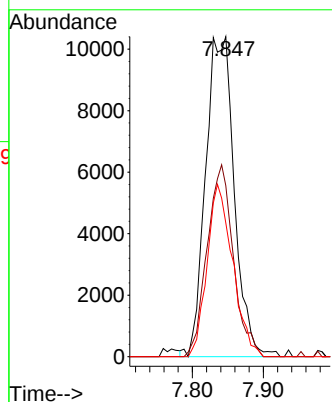
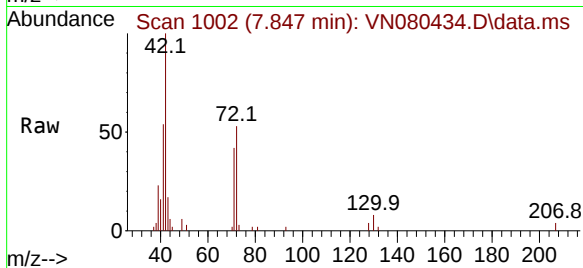
Tgt Ion:	42	Resp:	2913
Ion Ratio	Lower	Upper	
42	100		
72	54.9	49.8	74.6
71	48.0	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#30

Chloroform

Concen: 5.163 ug/l

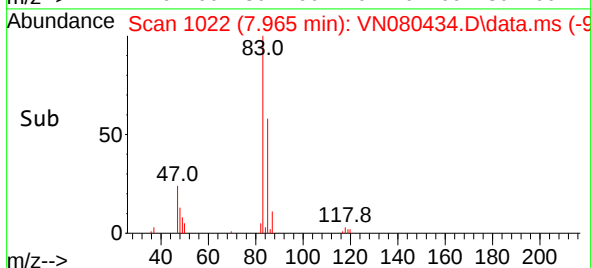
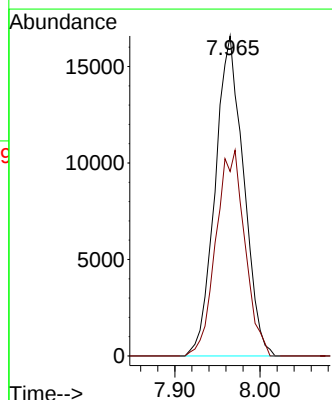
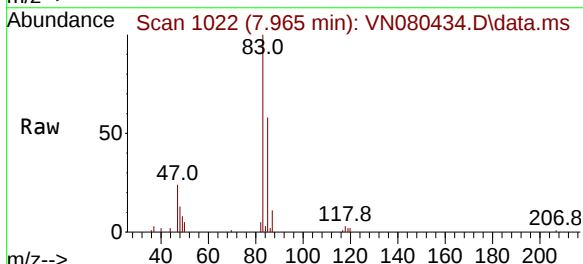
RT: 7.965 min Scan# 1022

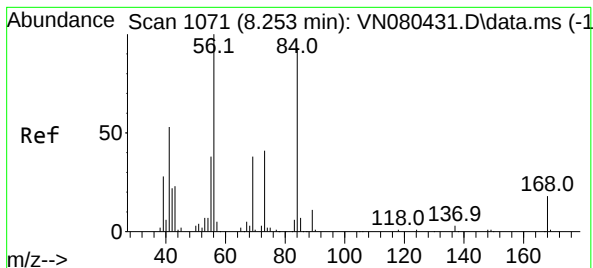
Delta R.T. 0.000 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

Tgt Ion:	83	Resp:	38314
Ion Ratio	Lower	Upper	
83	100		
85	57.6	55.4	83.0





#31

Cyclohexane

Concen: 5.885 ug/l

RT: 8.259 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 3412

Ion Ratio Lower Upper

56 100

69 34.6 26.8 40.2

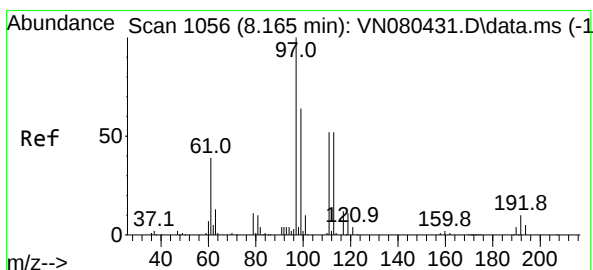
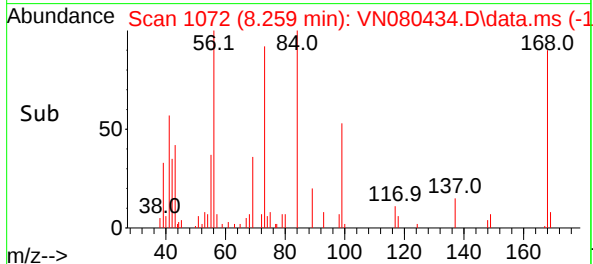
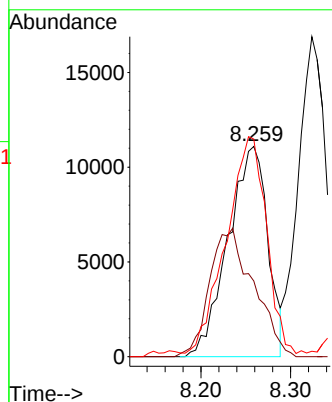
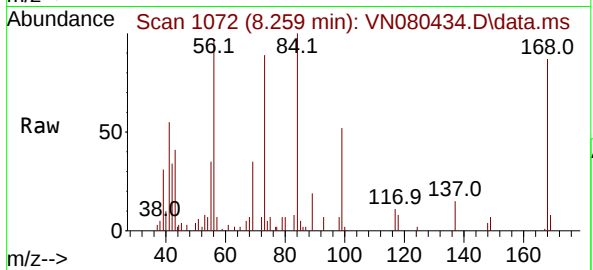
84 101.6 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#32

1,1,1-Trichloroethane

Concen: 5.155 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

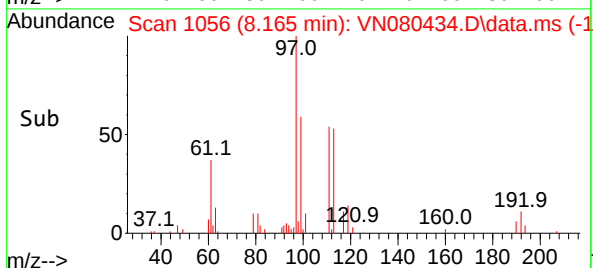
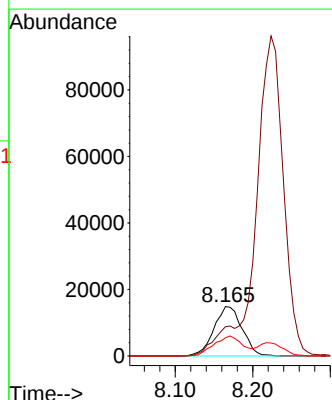
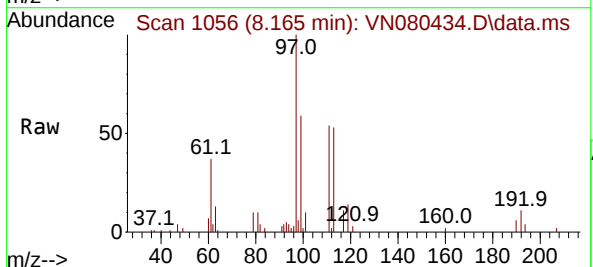
Tgt Ion: 97 Resp: 37461

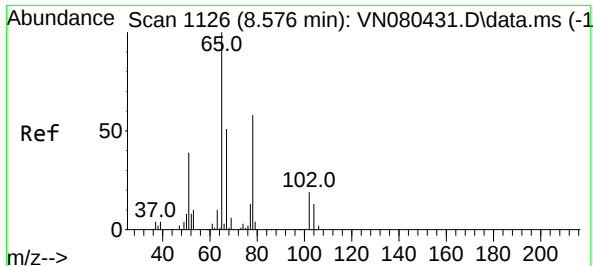
Ion Ratio Lower Upper

97 100

99 0.0 50.3 75.5

61 41.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 5.445 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 23210

Ion Ratio Lower Upper

65 100

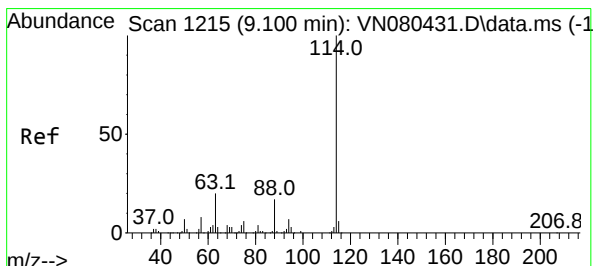
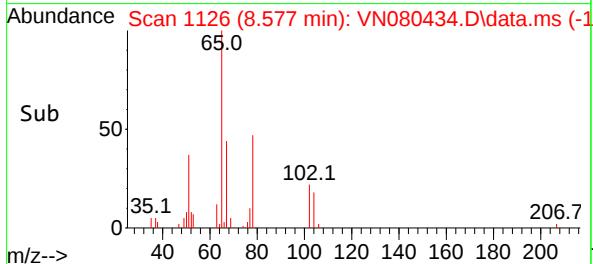
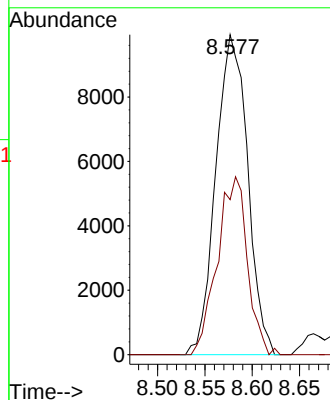
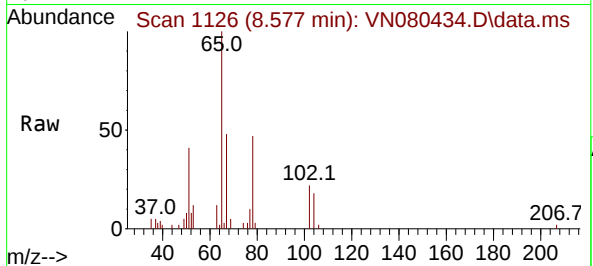
67 52.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

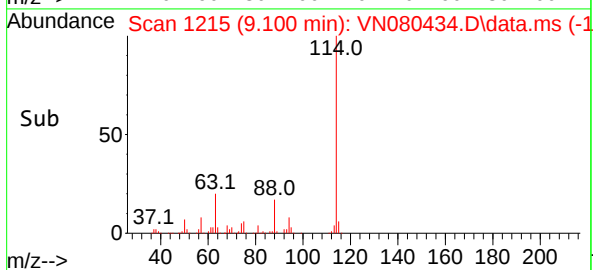
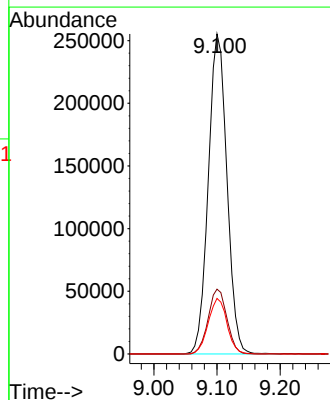
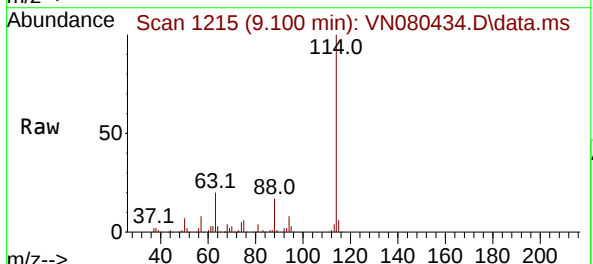
Tgt Ion:114 Resp: 523288

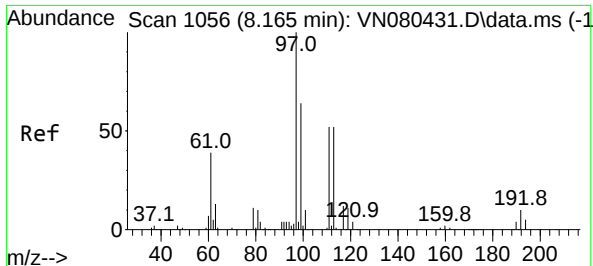
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 17.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 5.639 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

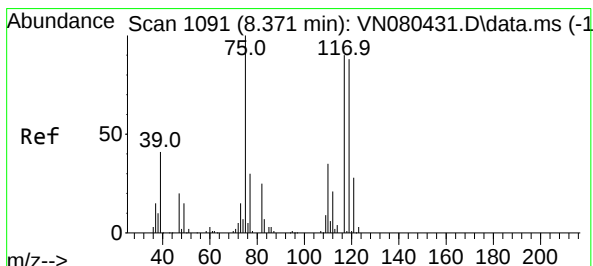
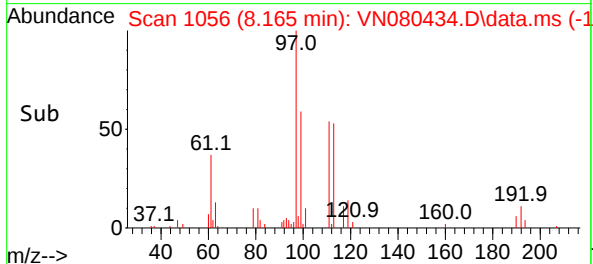
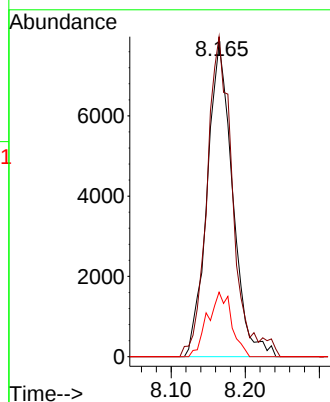
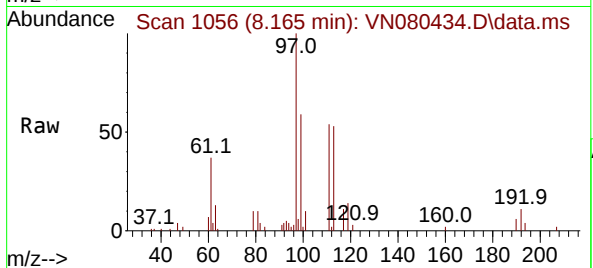
Tgt Ion:	113	Resp:	1871
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.6	123.8
192	19.4	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#36

1,1-Dichloropropene

Concen: 5.390 ug/l

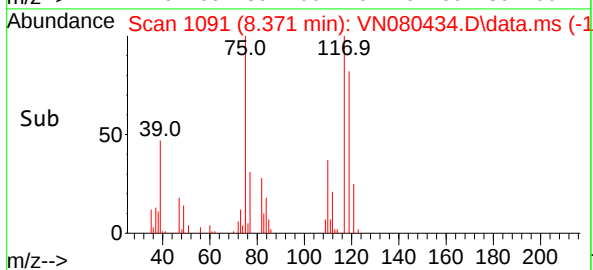
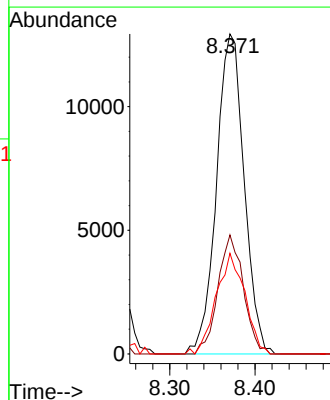
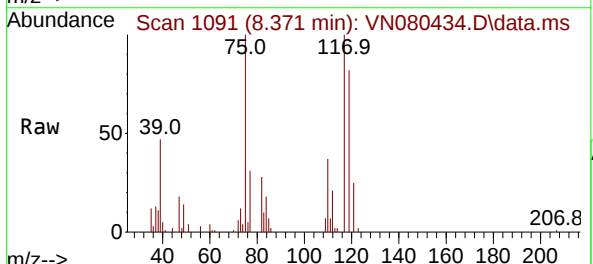
RT: 8.371 min Scan# 1091

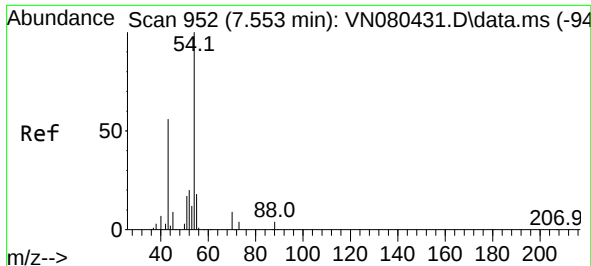
Delta R.T. 0.000 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

Tgt Ion:	75	Resp:	29241
Ion Ratio	Lower	Upper	
75	100		
110	34.3	19.1	57.3
77	32.5	25.0	37.4





#37

Ethyl Acetate

Concen: 5.599 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

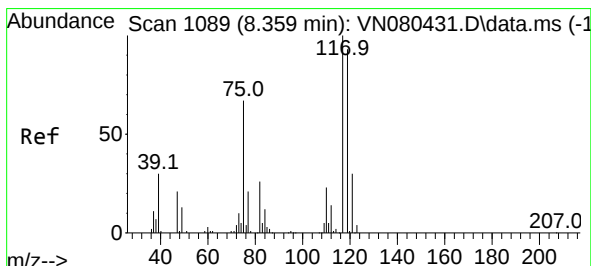
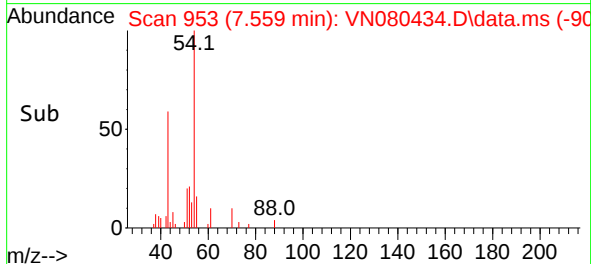
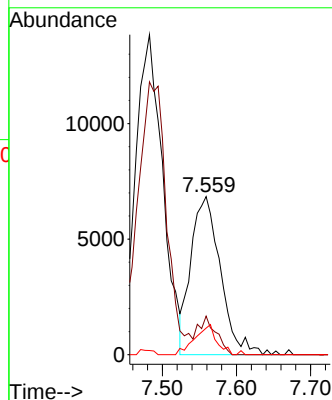
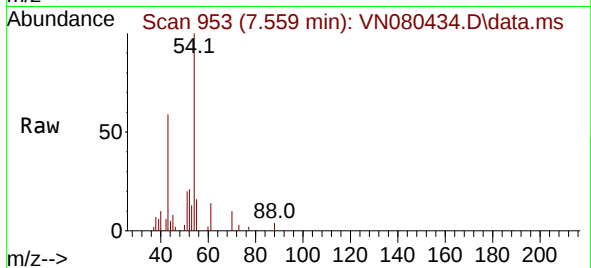
Tgt Ion:	43	Resp:	1902
Ion	Ratio	Lower	Upper
43	100		
61	14.4	13.2	19.8
70	13.8	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#38

Carbon Tetrachloride

Concen: 5.191 ug/l

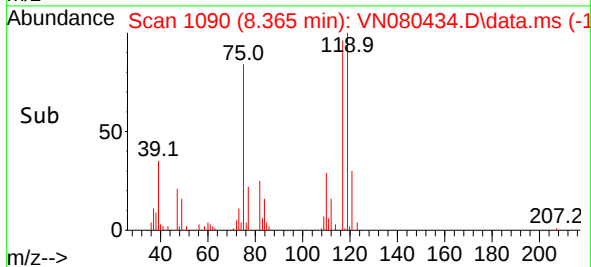
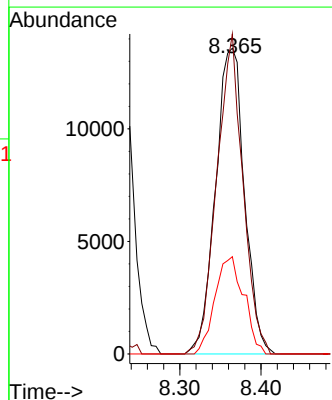
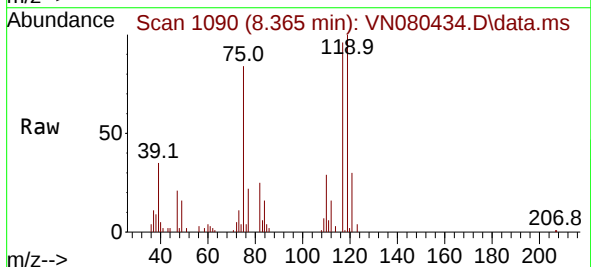
RT: 8.365 min Scan# 1090

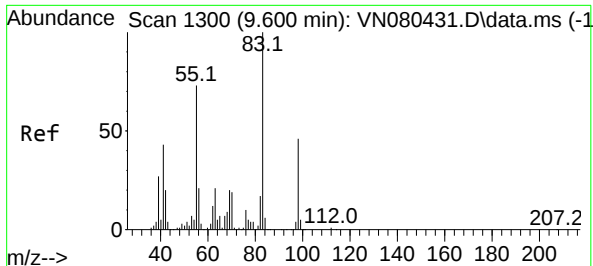
Delta R.T. 0.006 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

Tgt Ion:	117	Resp:	33651
Ion	Ratio	Lower	Upper
117	100		
119	104.7	77.3	115.9
121	31.8	23.3	34.9





#39

Methylcyclohexane

Concen: 5.246 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

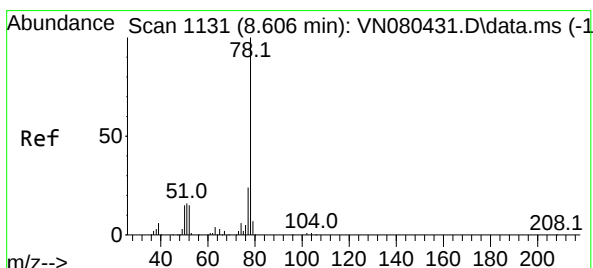
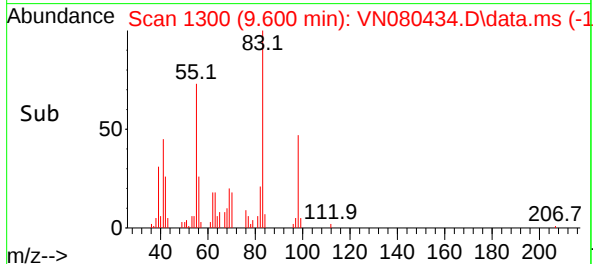
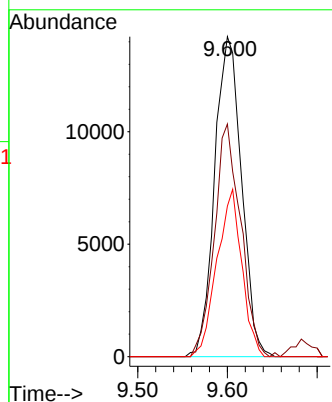
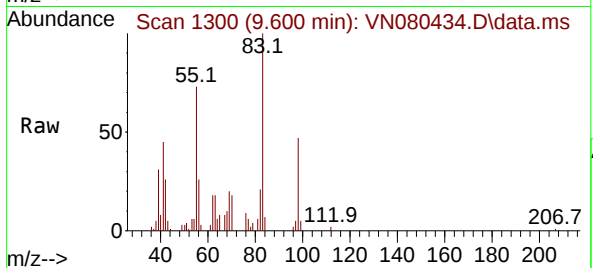
Tgt Ion: 83	Resp: 29564
Ion Ratio	Lower Upper
83 100	
55 72.7	49.1 73.7
98 47.1	40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#40

Benzene

Concen: 5.243 ug/l

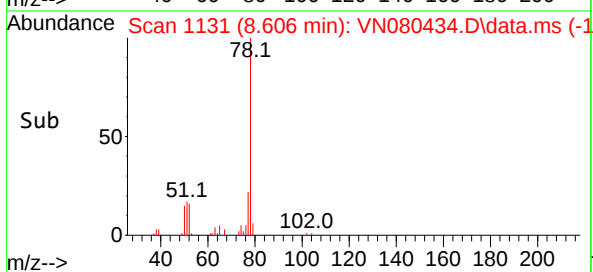
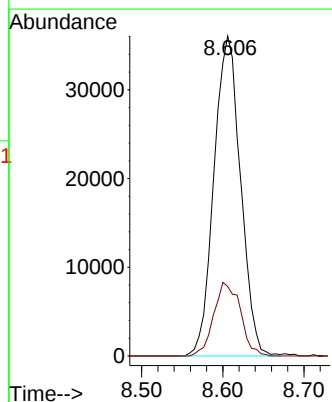
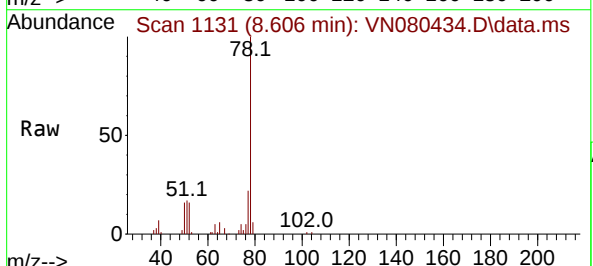
RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

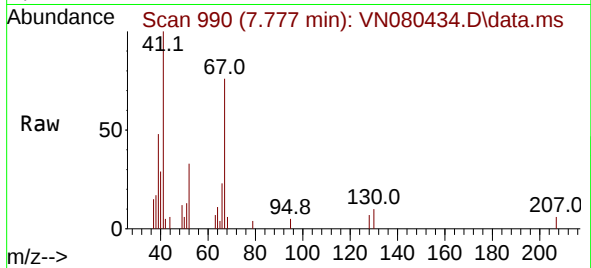
Tgt Ion: 78	Resp: 82132
Ion Ratio	Lower Upper
78 100	
77 21.7	19.0 28.6





#41
Methacrylonitrile
Concen: 5.245 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

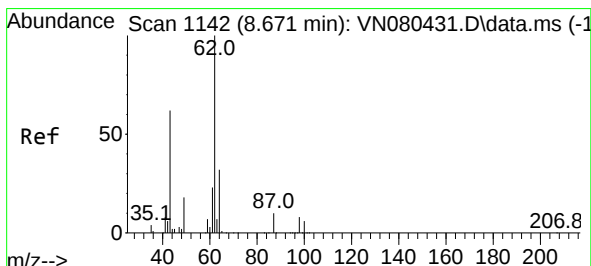
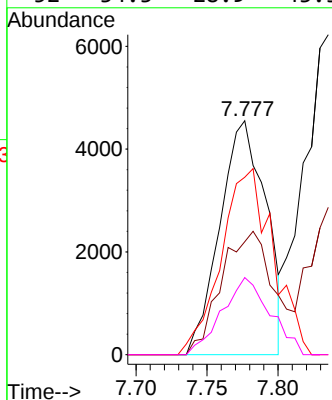
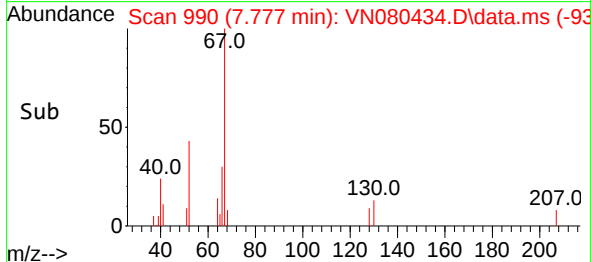
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005



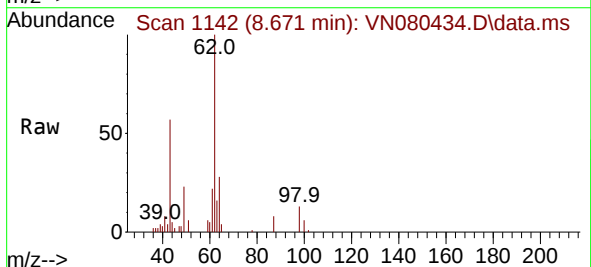
Tgt Ion: 41 Resp: 1027
Ion Ratio Lower Upper
41 100
39 61.4 42.6 64.0
67 89.5 77.5 116.3
52 34.3 28.9 43.3

Manual Integrations
APPROVED

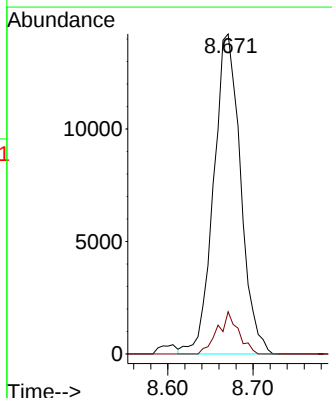
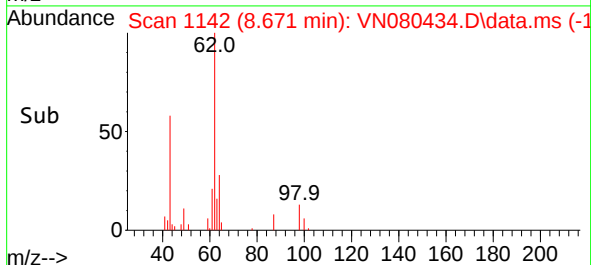
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

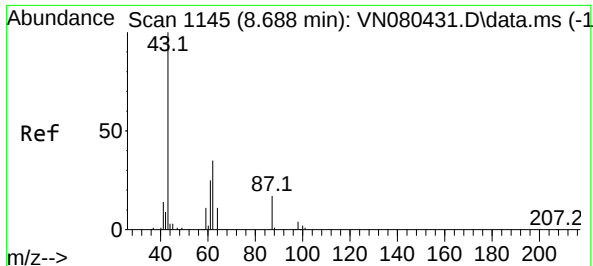


#42
1,2-Dichloroethane
Concen: 5.382 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44



Tgt Ion: 62 Resp: 31222
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.8





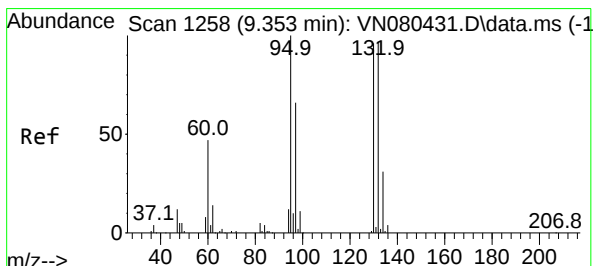
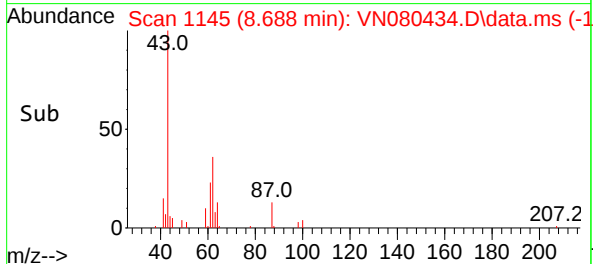
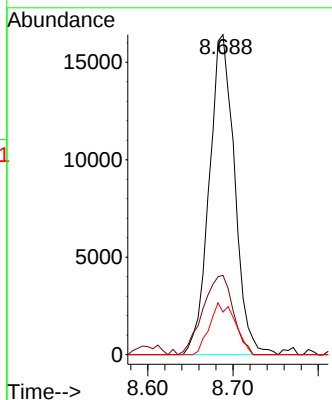
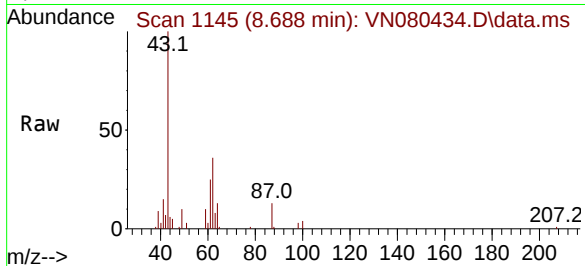
#43
Isopropyl Acetate
Concen: 5.563 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 33978
Ion Ratio Lower Upper
43 100
61 29.8 24.7 37.1
87 16.5 14.6 21.8

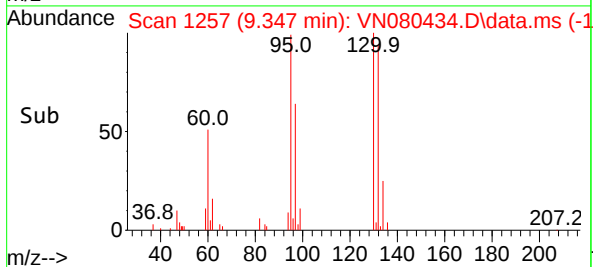
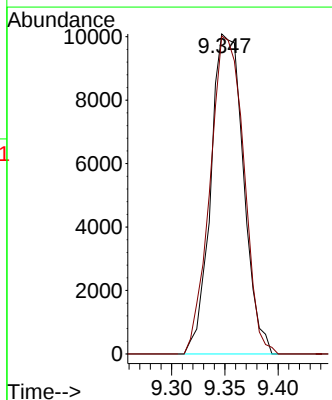
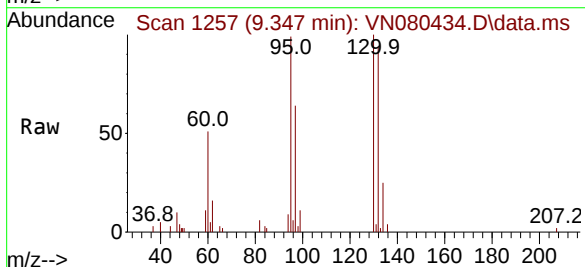
Manual Integrations
APPROVED

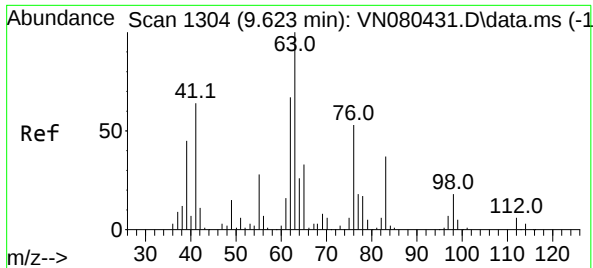
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#44
Trichloroethene
Concen: 5.085 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Tgt Ion:130 Resp: 21475
Ion Ratio Lower Upper
130 100
95 99.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 5.263 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1936

Ion Ratio Lower Upper

63 100

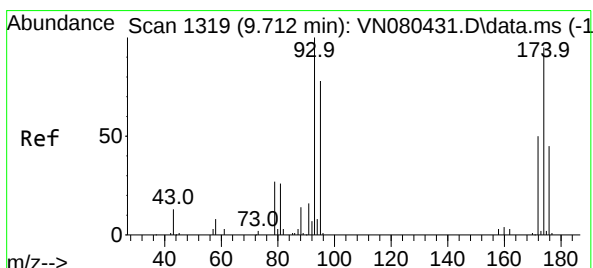
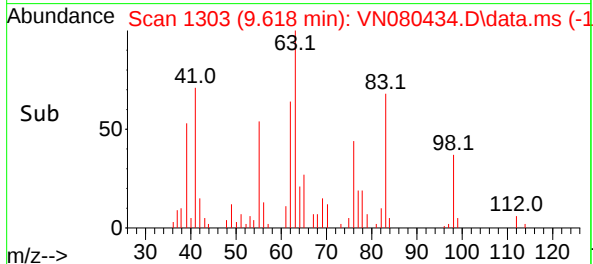
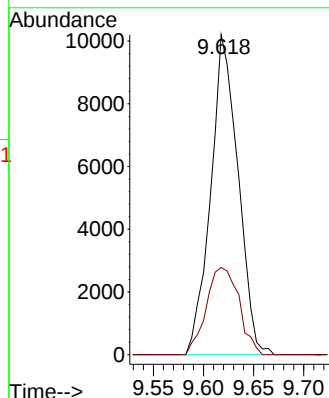
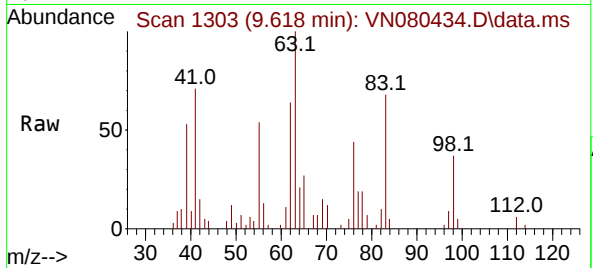
65 27.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#46

Dibromomethane

Concen: 5.673 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

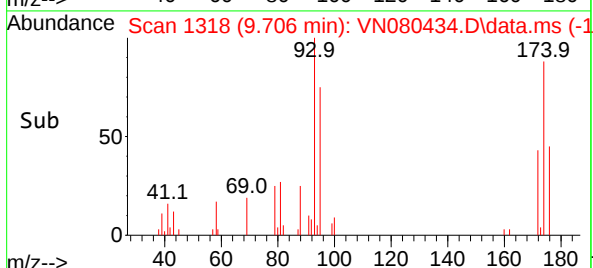
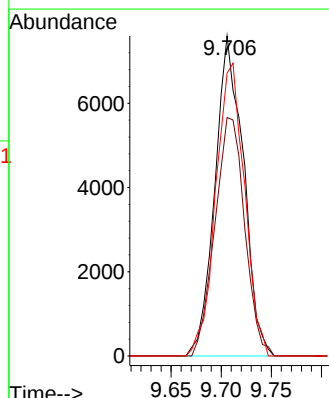
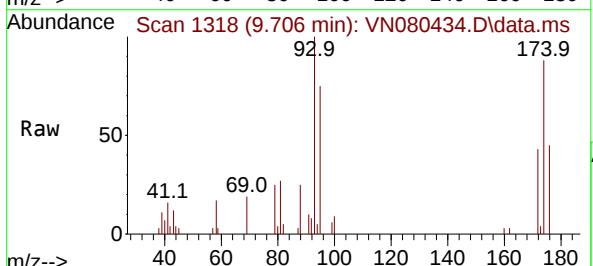
Tgt Ion: 93 Resp: 14989

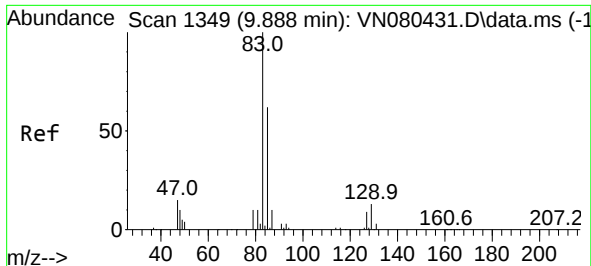
Ion Ratio Lower Upper

93 100

95 78.0 63.8 95.8

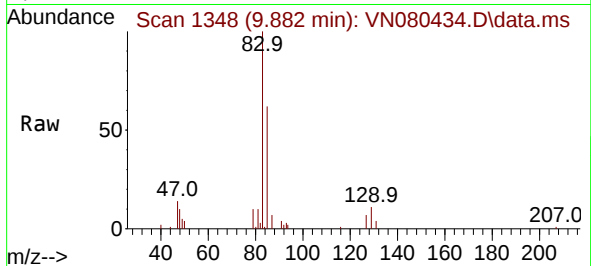
174 92.5 65.6 98.4





#47
Bromodichloromethane
Concen: 5.154 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

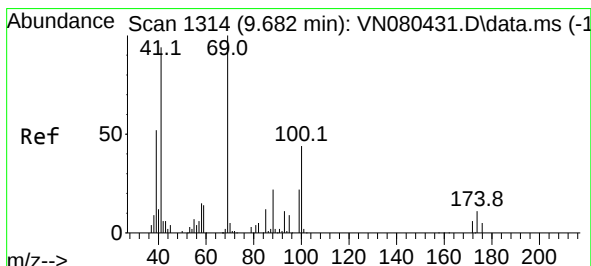
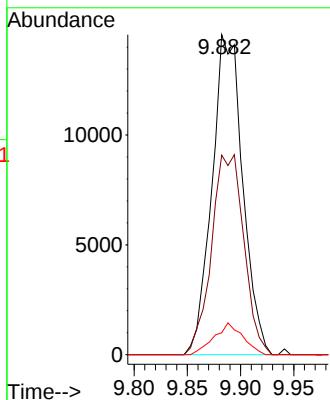
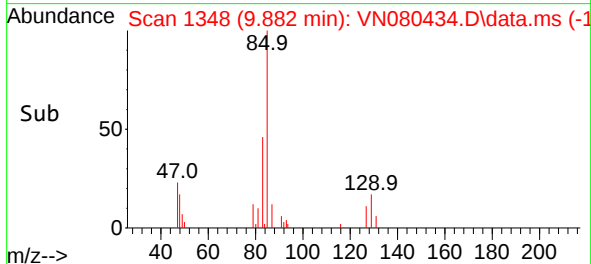
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 2918
Ion Ratio Lower Upper
83 100
85 62.3 49.6 74.4
127 6.8 7.0 10.6

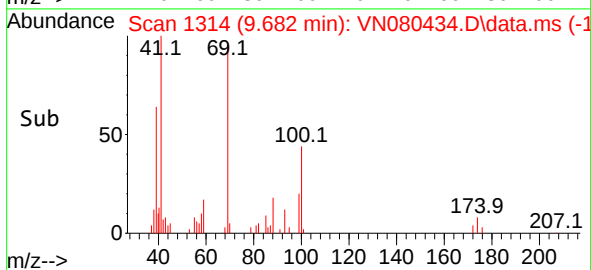
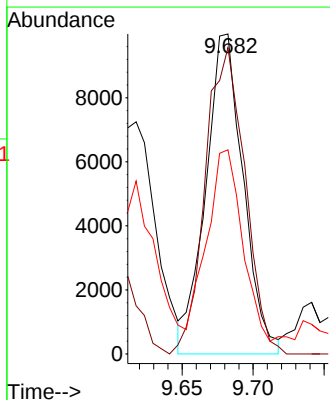
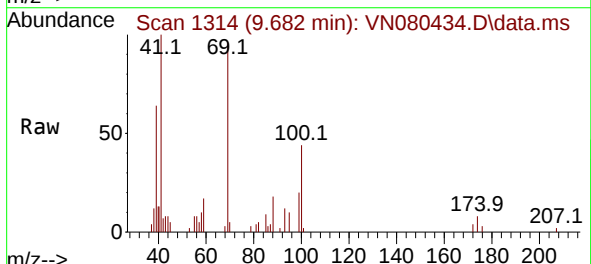
Manual Integrations
APPROVED

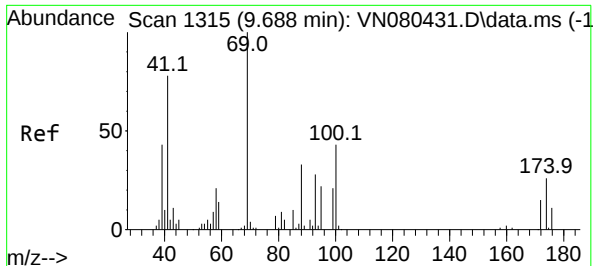
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#48
Methyl methacrylate
Concen: 5.046 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Tgt Ion: 41 Resp: 18393
Ion Ratio Lower Upper
41 100
69 101.0 90.4 135.6
39 65.4 54.6 81.8





#49

1,4-Dioxane

Concen: 100.763 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 88 Resp: 556

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6

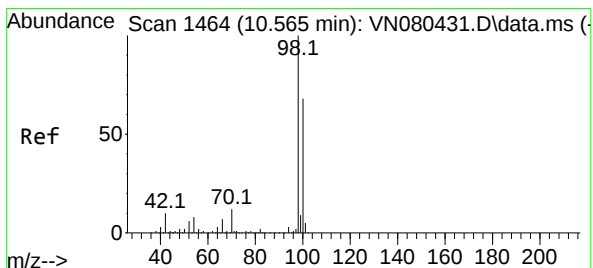
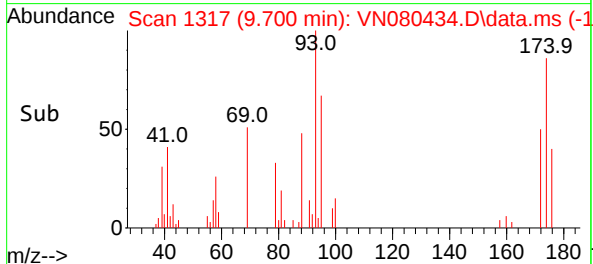
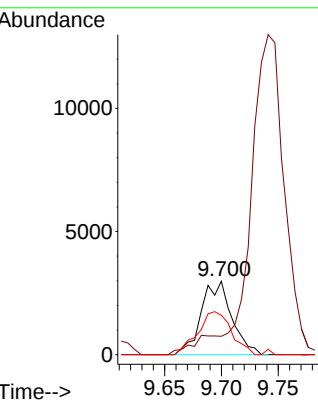
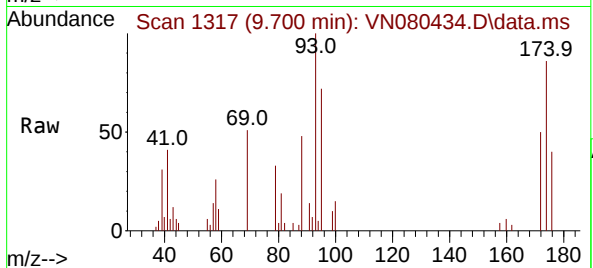
58 64.5 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#50

Toluene-d8

Concen: 5.577 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080434.D

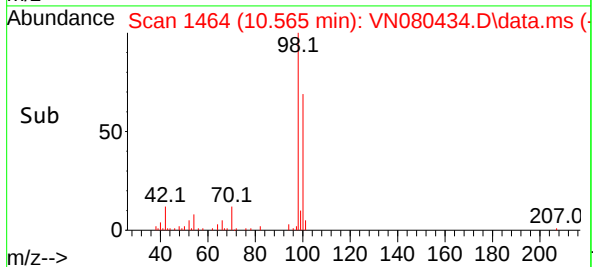
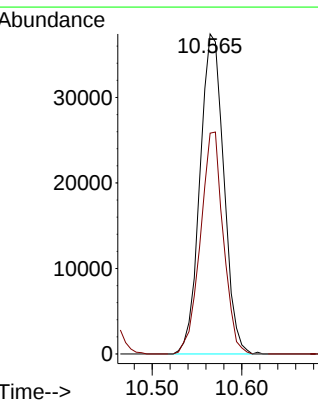
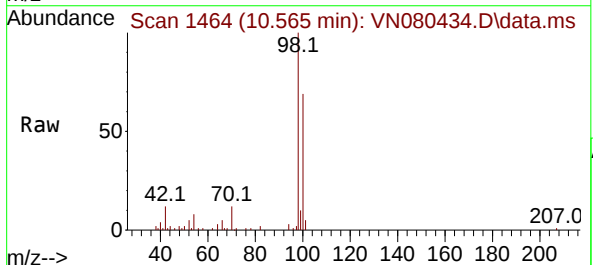
Acq: 12 Dec 2023 11:44

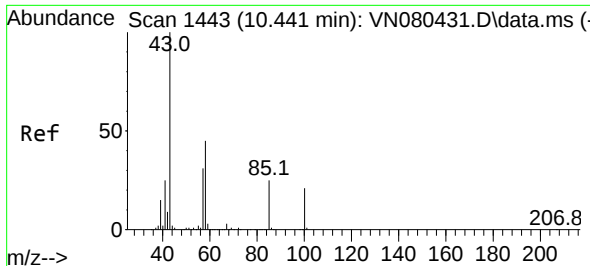
Tgt Ion: 98 Resp: 69009

Ion Ratio Lower Upper

98 100

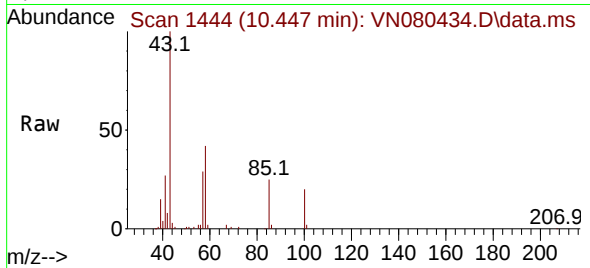
100 66.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 26.999 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

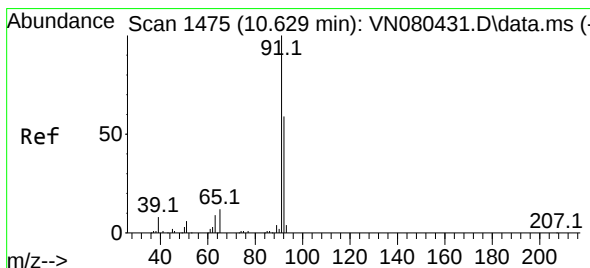
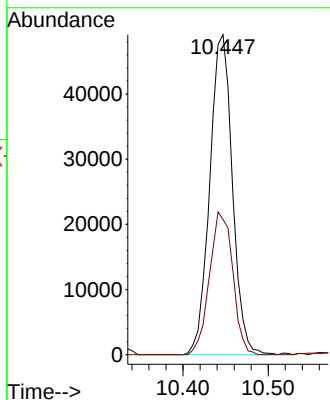
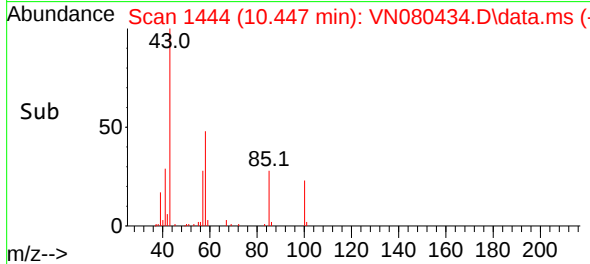
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 90824
Ion Ratio Lower Upper
43 100
58 45.7 36.6 54.8

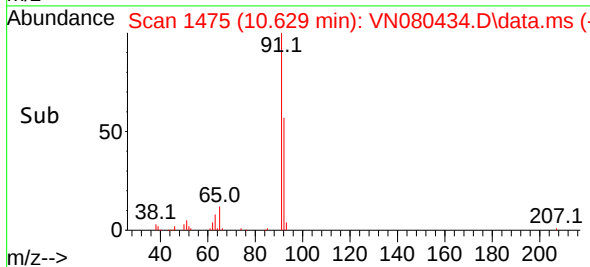
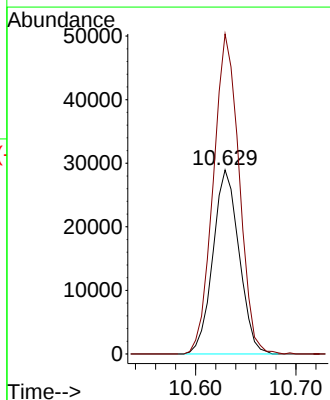
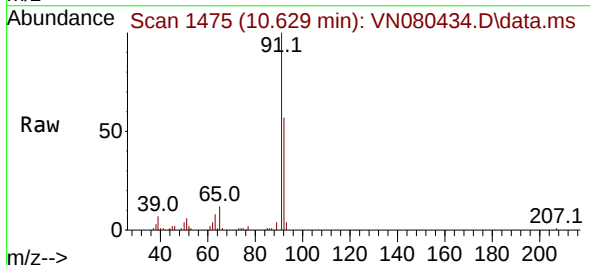
Manual Integrations
APPROVED

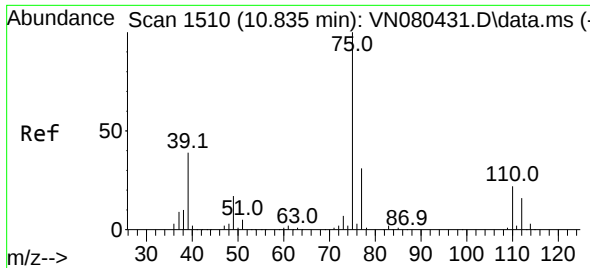
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#52
Toluene
Concen: 5.280 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

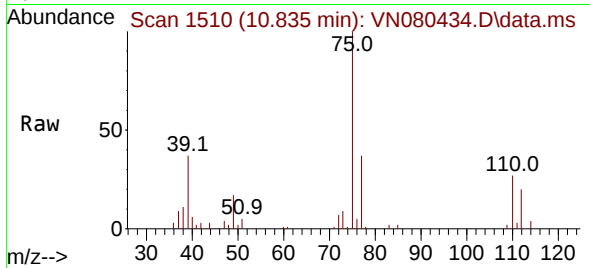
Tgt Ion: 92 Resp: 52252
Ion Ratio Lower Upper
92 100
91 172.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 5.102 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

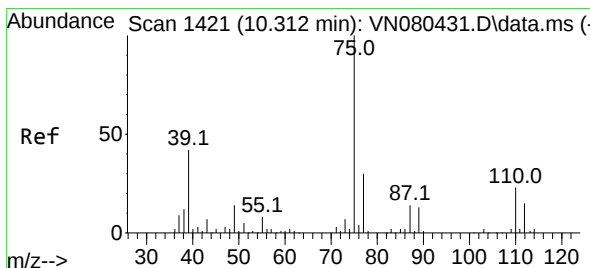
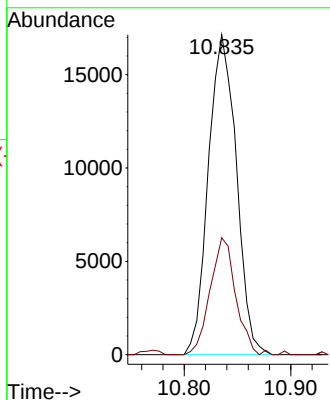
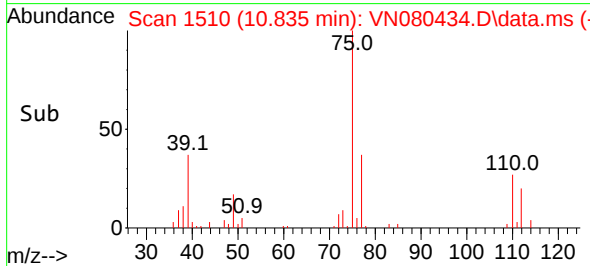
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 31260
Ion Ratio Lower Upper
75 100
77 36.5 25.4 38.0

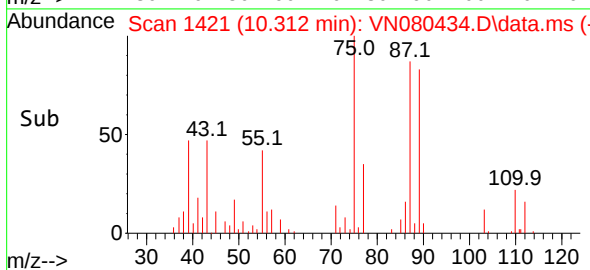
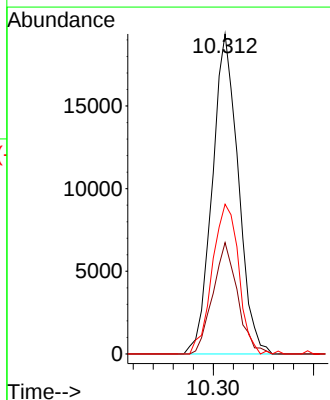
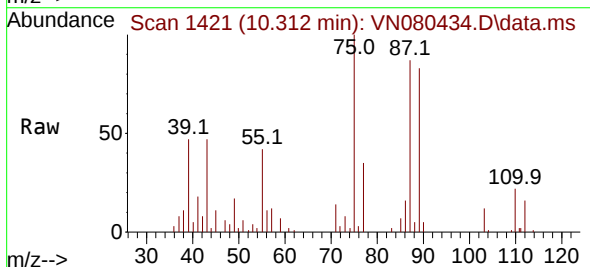
Manual Integrations
APPROVED

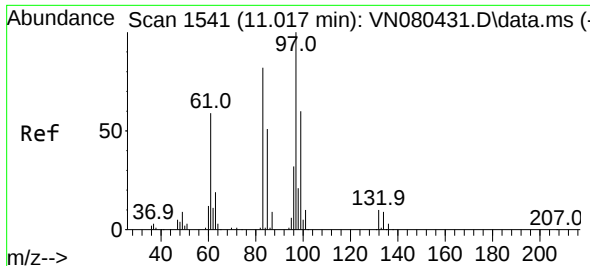
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#54
cis-1,3-Dichloropropene
Concen: 5.314 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

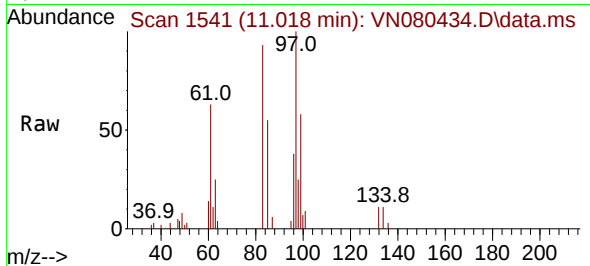
Tgt Ion: 75 Resp: 34803
Ion Ratio Lower Upper
75 100
77 34.8 26.1 39.1
39 46.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 5.442 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

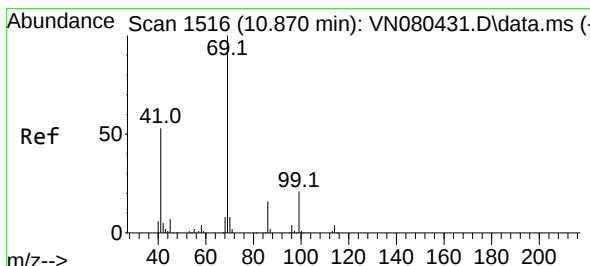
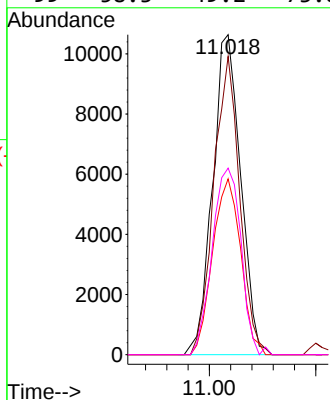
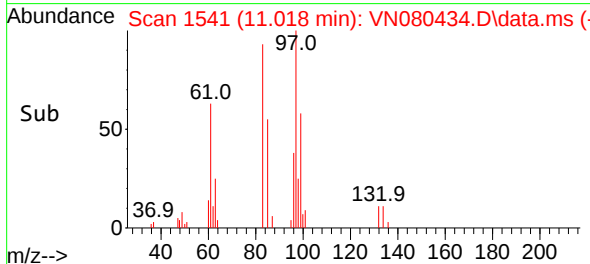
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:	97	Resp:	19378
Ion Ratio	100	Lower	Upper
97	100		
83	93.2	65.1	97.7
85	55.0	43.4	65.2
99	58.3	49.2	73.8

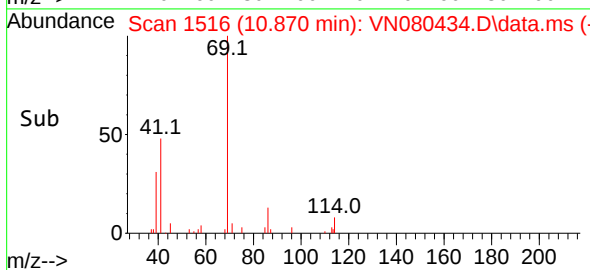
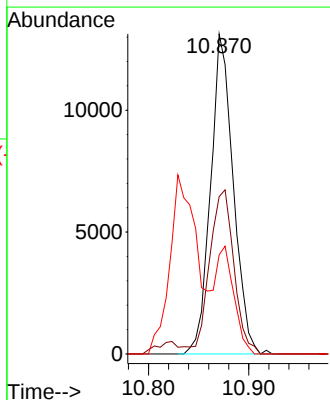
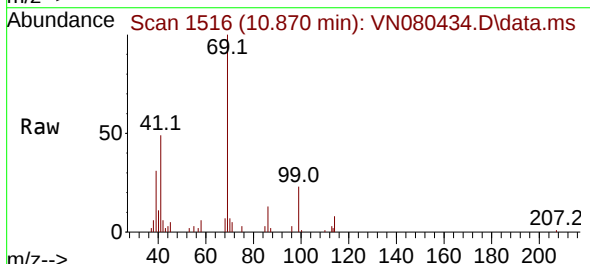
Manual Integrations
APPROVED

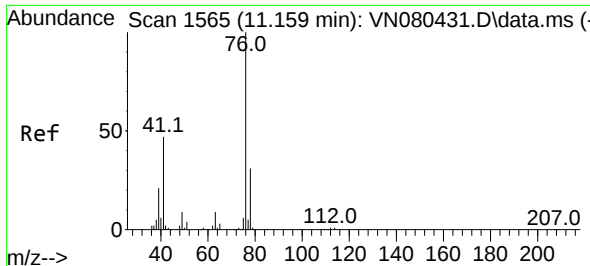
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#56
Ethyl methacrylate
Concen: 5.233 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Tgt Ion:	69	Resp:	20632
Ion Ratio	100	Lower	Upper
69	100		
41	54.8	39.6	59.4
39	28.9	28.6	43.0





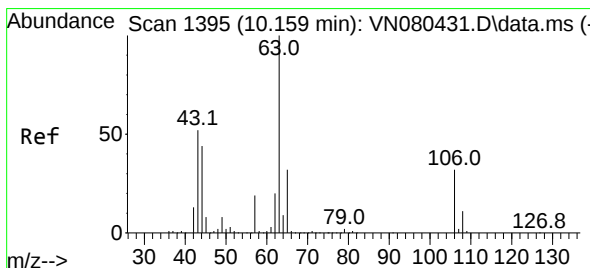
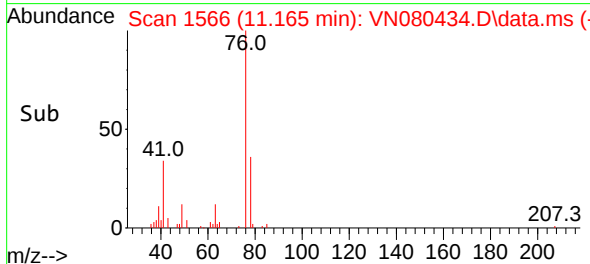
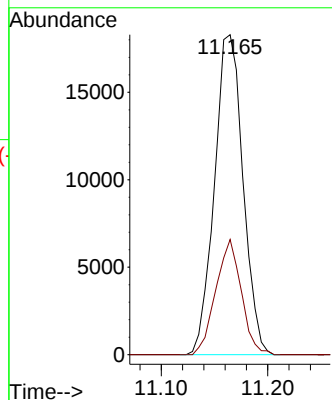
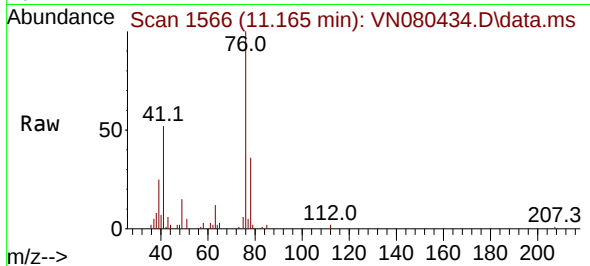
#57
1,3-Dichloropropane
Concen: 5.449 ug/l
RT: 11.165 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 3401
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

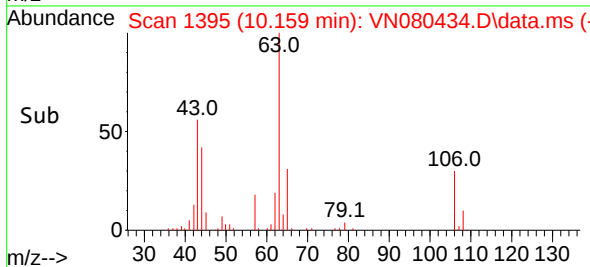
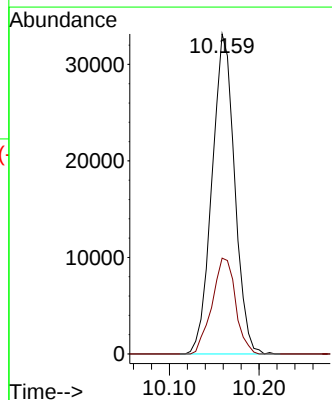
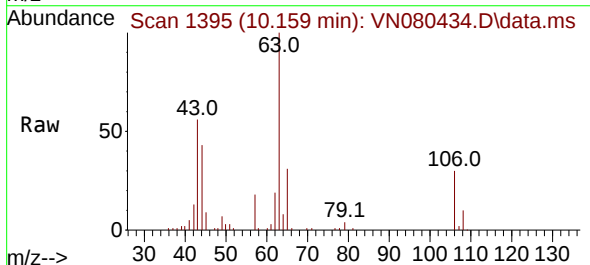
Manual Integrations
APPROVED

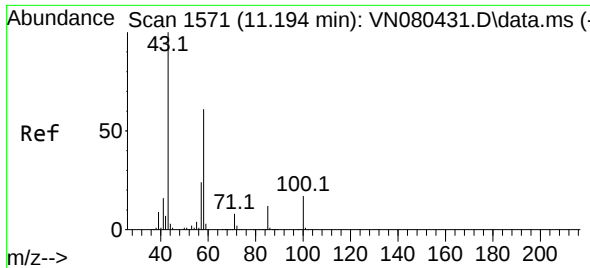
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#58
2-Chloroethyl Vinyl ether
Concen: 23.316 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

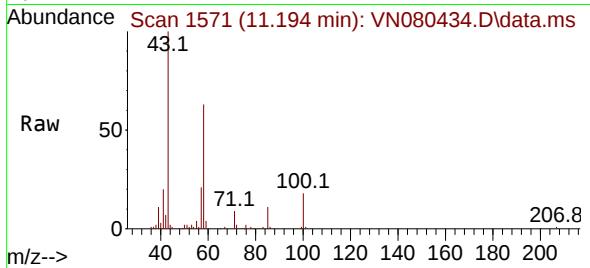
Tgt Ion: 63 Resp: 58030
Ion Ratio Lower Upper
63 100
106 31.1 26.2 39.4





#59
2-Hexanone
Concen: 26.952 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

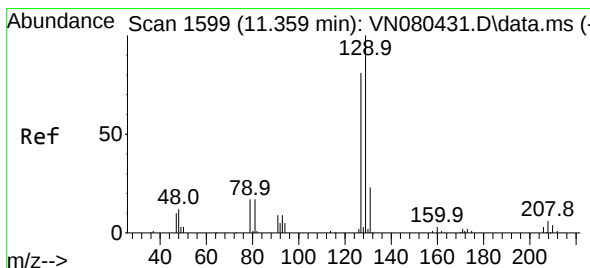
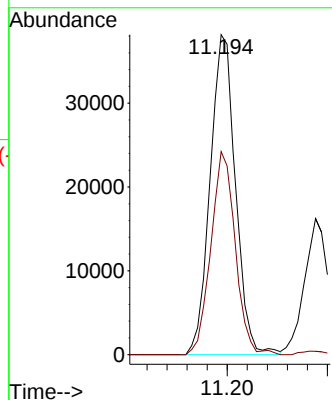
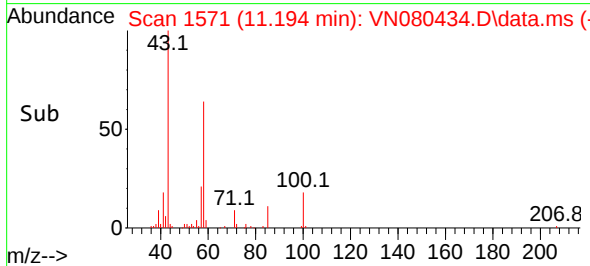
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 6693
Ion Ratio Lower Upper
43 100
58 61.0 31.7 95.1

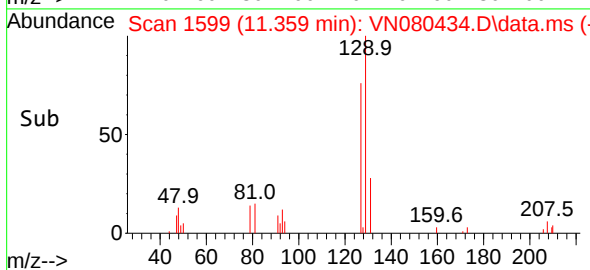
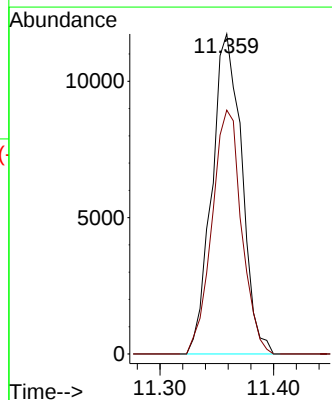
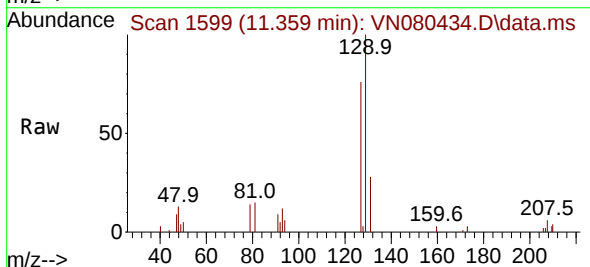
Manual Integrations
APPROVED

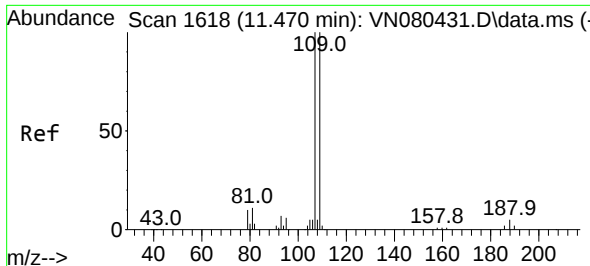
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#60
Dibromochloromethane
Concen: 5.080 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

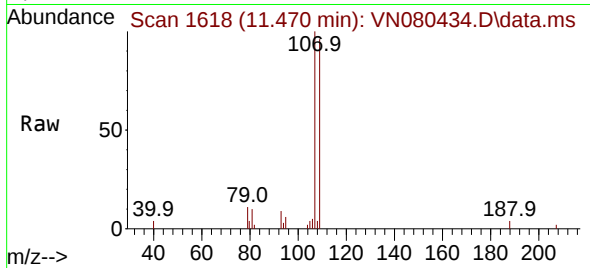
Tgt Ion:129 Resp: 21436
Ion Ratio Lower Upper
129 100
127 75.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 5.237 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

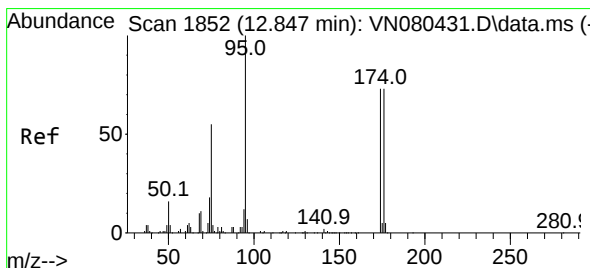
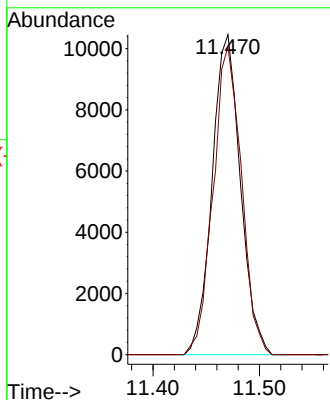
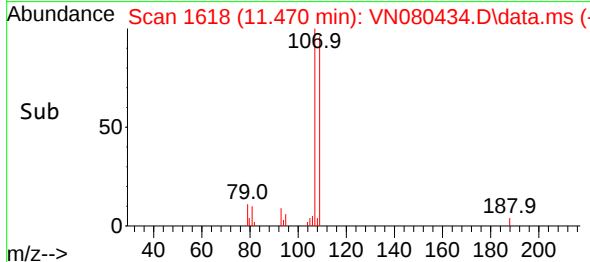
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



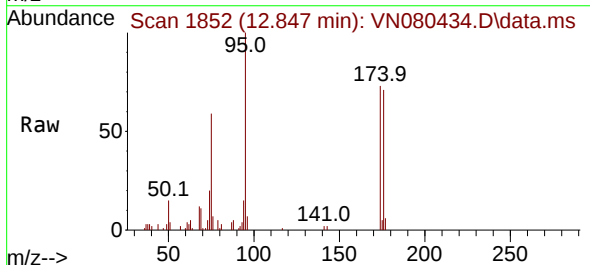
Tgt Ion:107 Resp: 1929
Ion Ratio Lower Upper
107 100
109 96.3 76.6 114.8

Manual Integrations
APPROVED

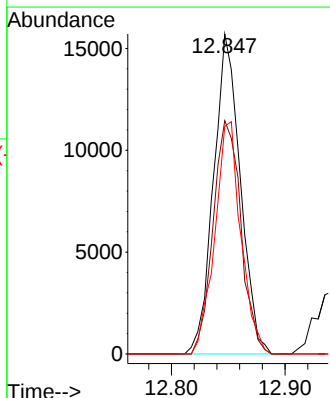
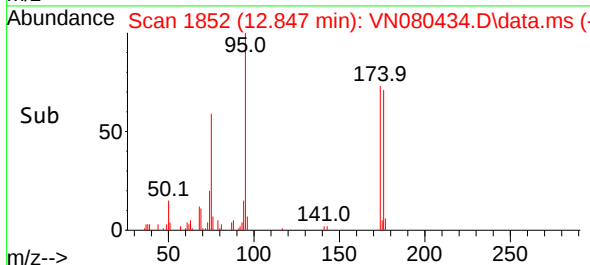
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

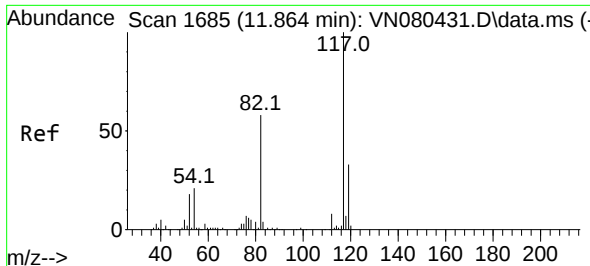


#62
4-Bromofluorobenzene
Concen: 5.463 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44



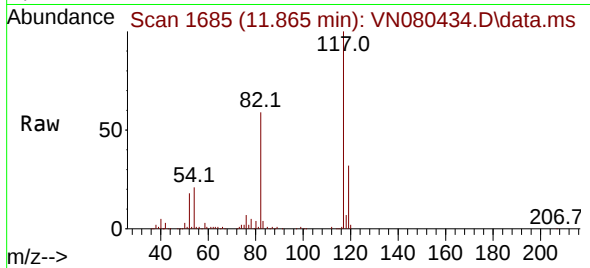
Tgt Ion: 95 Resp: 25668
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.8
176 70.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1185
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

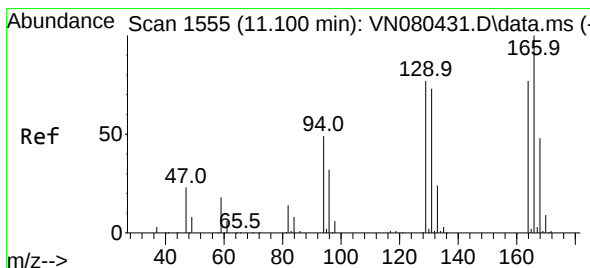
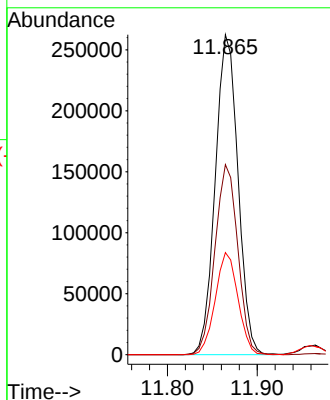
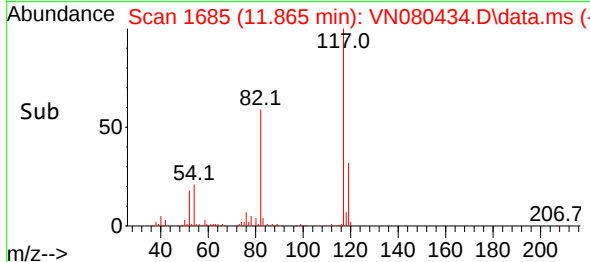
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



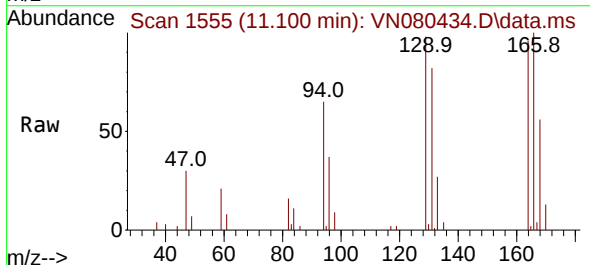
Tgt Ion:117 Resp: 462025
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 31.9 25.6 38.4

Manual Integrations
APPROVED

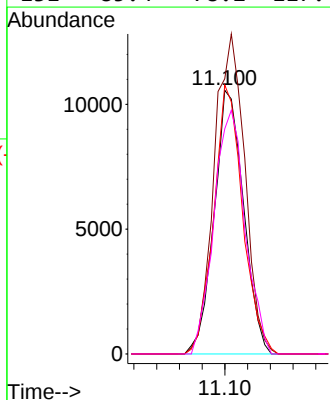
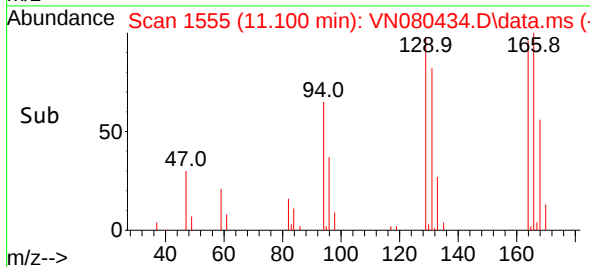
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

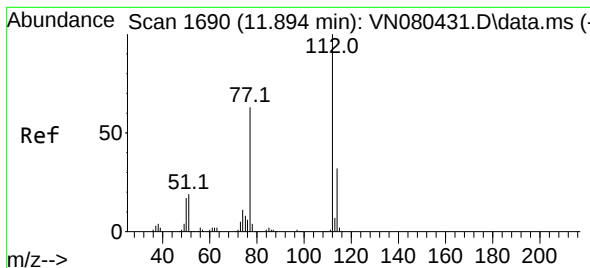


#64
Tetrachloroethene
Concen: 5.334 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44



Tgt Ion:164 Resp: 19028
Ion Ratio Lower Upper
164 100
166 104.4 101.4 152.0
129 102.0 82.4 123.6
131 85.4 78.2 117.4





#65

Chlorobenzene

Concen: 5.200 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. -0.006 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:112 Resp: 5344

Ion Ratio Lower Upper

112 100

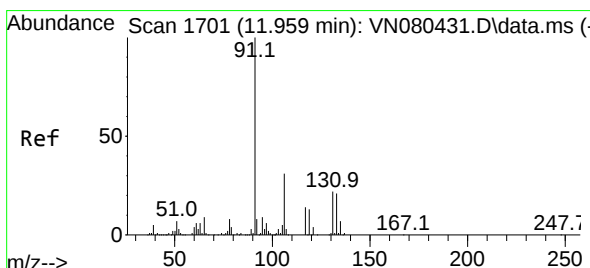
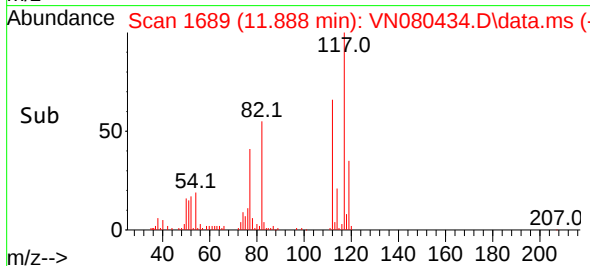
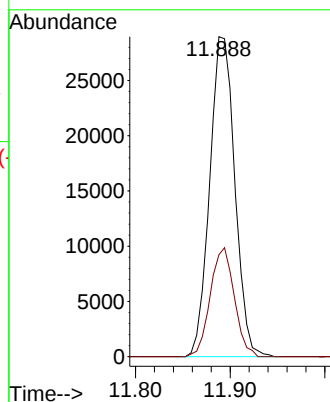
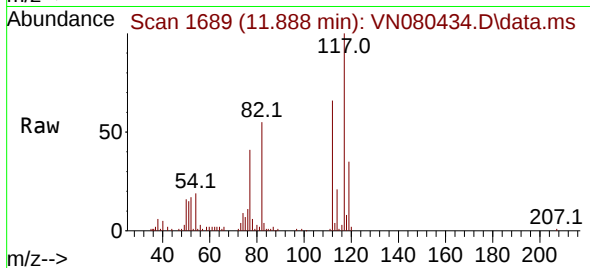
114 31.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 5.225 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

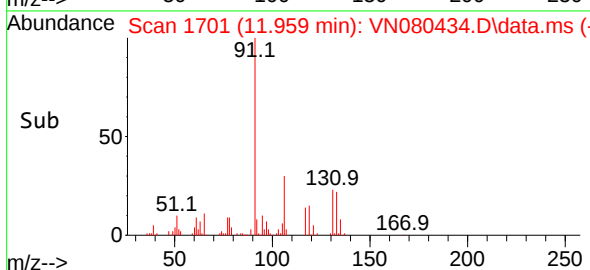
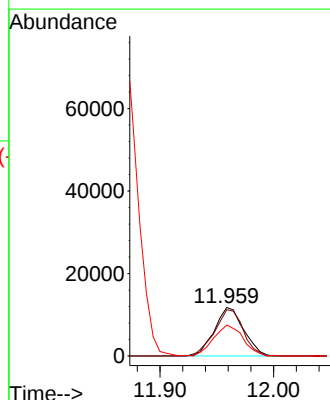
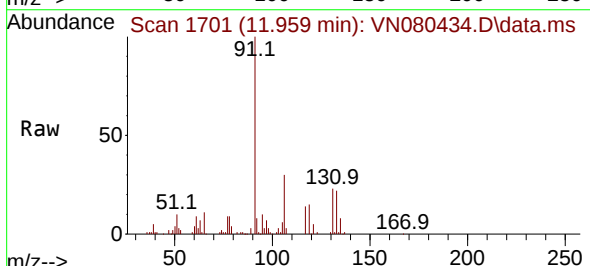
Tgt Ion:131 Resp: 21072

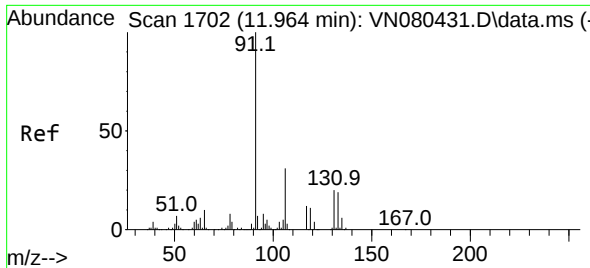
Ion Ratio Lower Upper

131 100

133 93.1 46.4 139.1

119 64.1 34.1 102.2





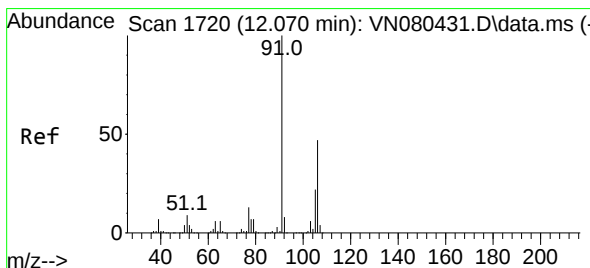
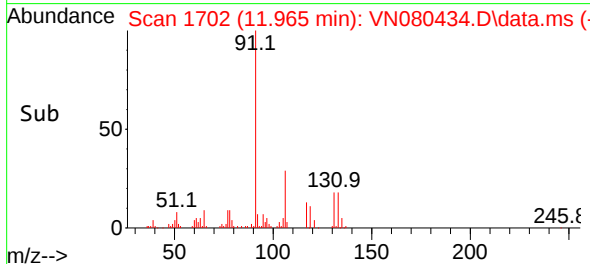
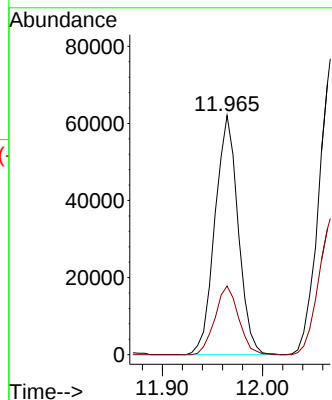
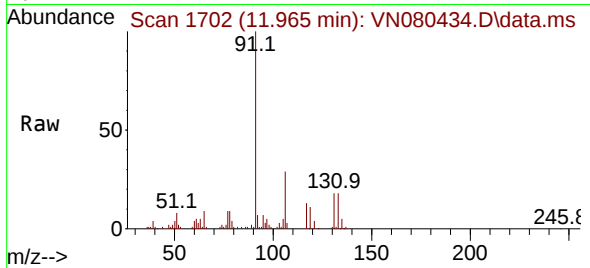
#67
Ethyl Benzene
Concen: 5.281 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 99799
Ion Ratio Lower Upper
91 100
106 28.7 25.6 38.4

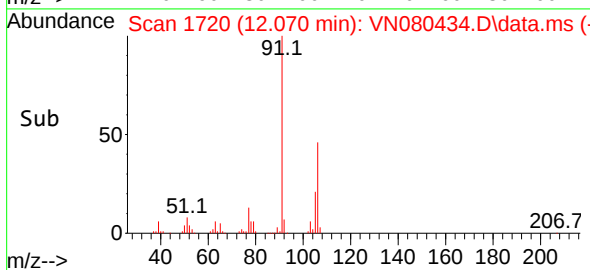
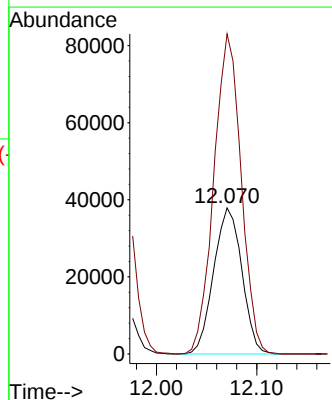
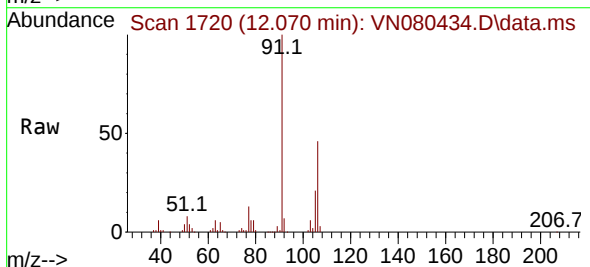
Manual Integrations
APPROVED

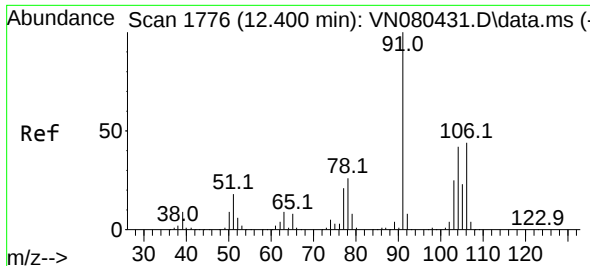
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#68
m/p-Xylenes
Concen: 10.574 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Tgt Ion:106 Resp: 73840
Ion Ratio Lower Upper
106 100
91 212.3 159.6 239.4





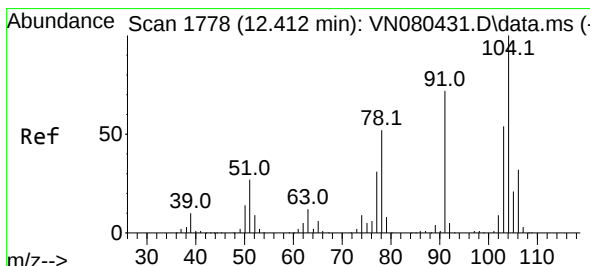
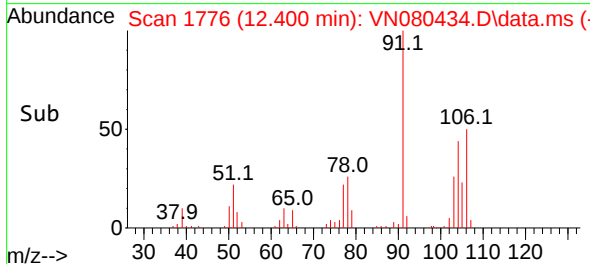
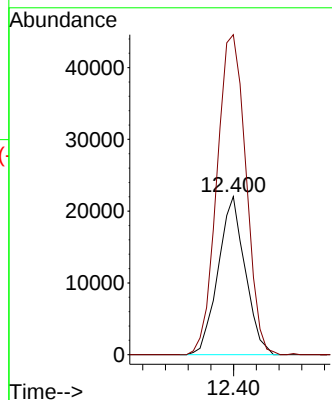
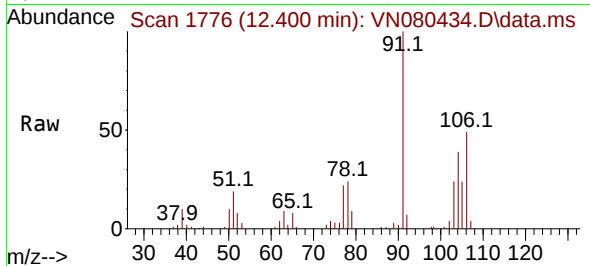
#69
o-Xylene
Concen: 5.327 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 3638
Ion Ratio Lower Upper
106 100
91 217.4 105.2 315.5

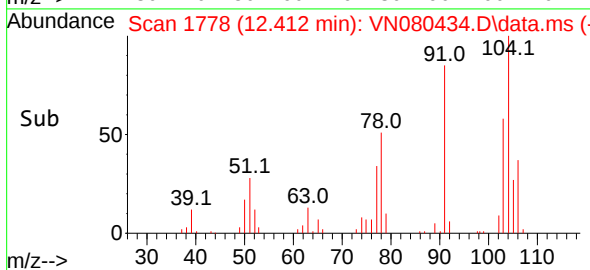
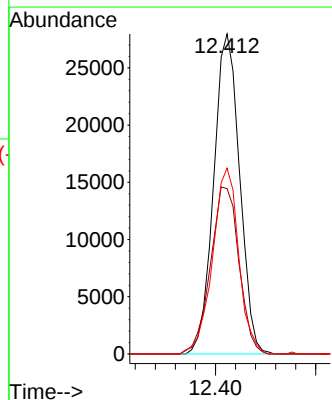
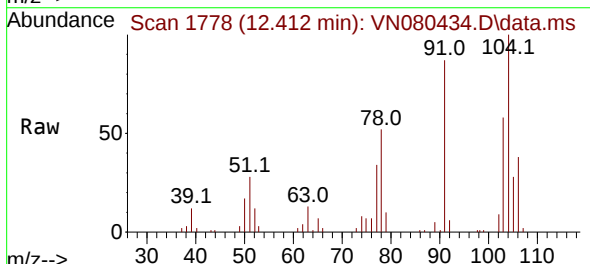
Manual Integrations
APPROVED

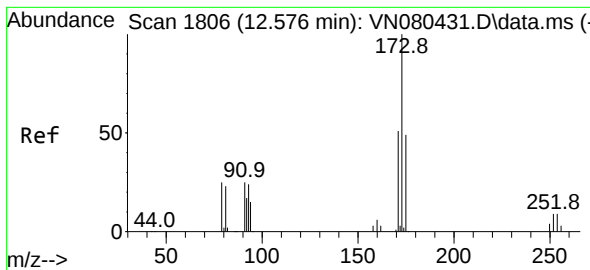
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#70
Styrene
Concen: 5.099 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Tgt Ion:104 Resp: 50165
Ion Ratio Lower Upper
104 100
78 57.2 39.5 59.3
103 58.4 43.2 64.8





#71

Bromoform

Concen: 4.950 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:173 Resp: 1455

Ion Ratio Lower Upper

173 100

175 52.0 24.3 73.0

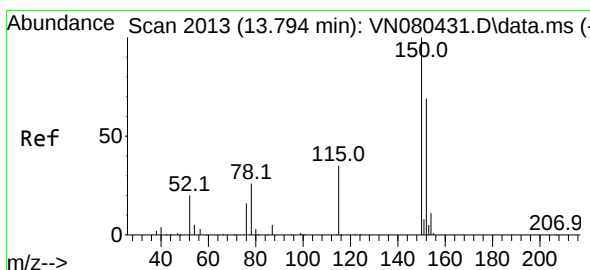
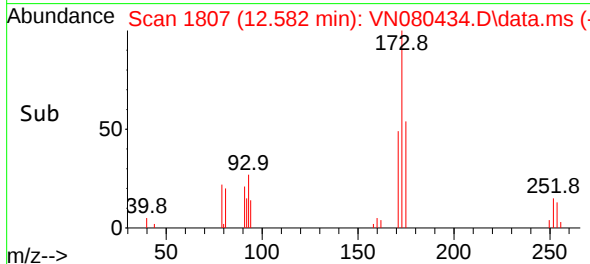
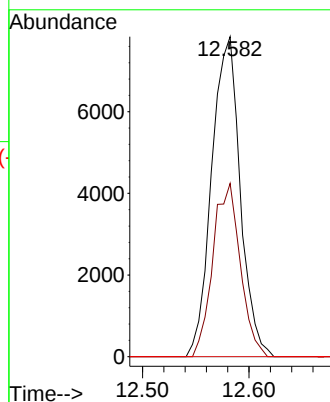
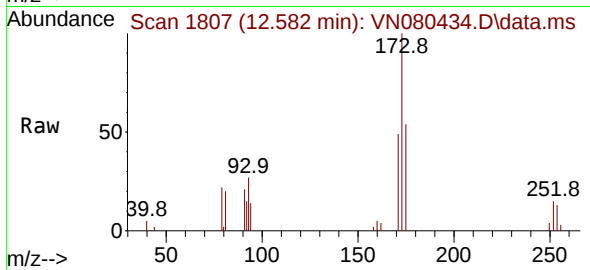
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

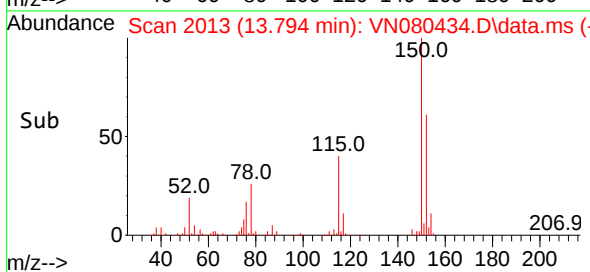
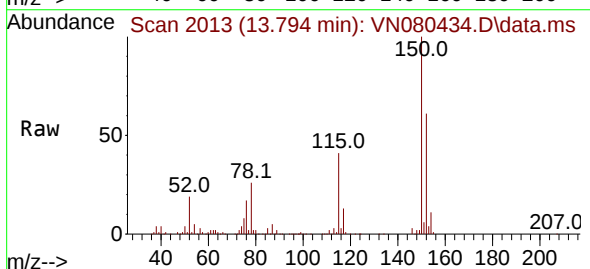
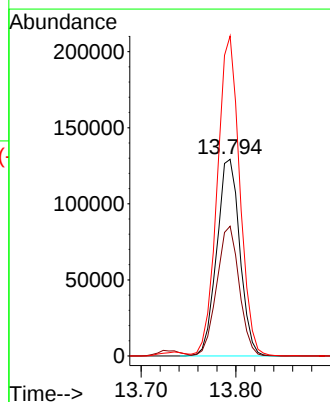
Tgt Ion:152 Resp: 217960

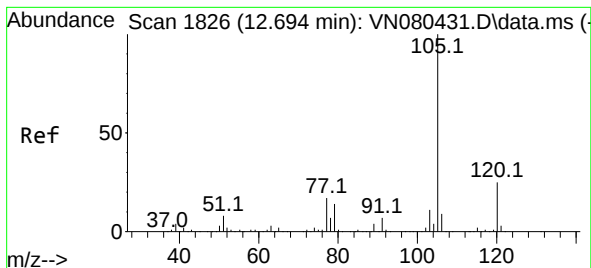
Ion Ratio Lower Upper

152 100

115 64.7 32.3 96.8

150 158.9 0.0 355.8





#73

Isopropylbenzene

Concen: 5.289 ug/l

RT: 12.700 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 92609

Ion Ratio Lower Upper

105 100

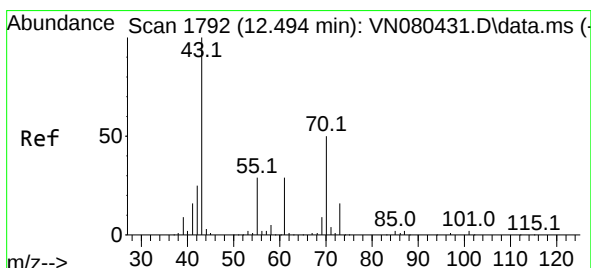
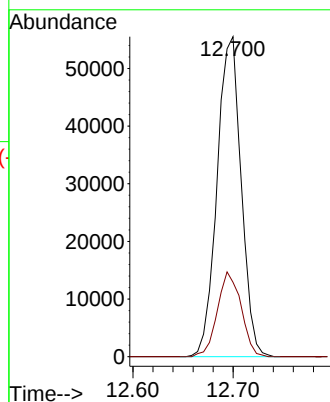
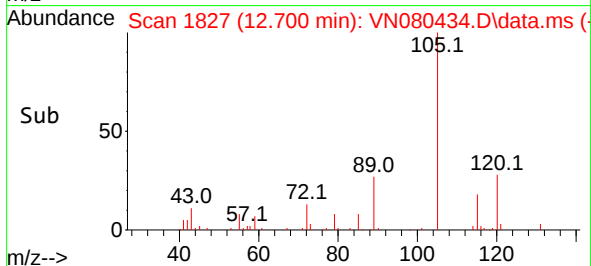
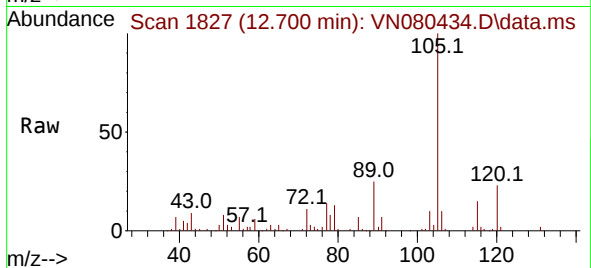
120 26.1 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#74

N-ethyl acetate

Concen: 4.983 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

Tgt Ion: 43 Resp: 25477

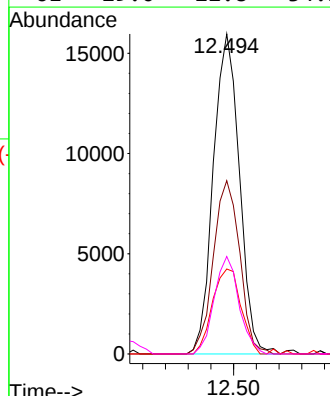
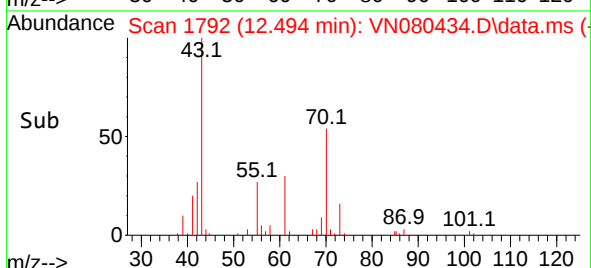
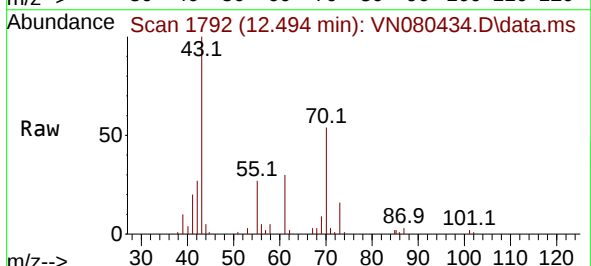
Ion Ratio Lower Upper

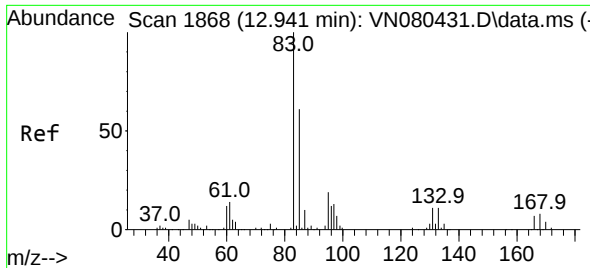
43 100

70 54.9 43.4 65.2

55 29.0 21.4 32.0

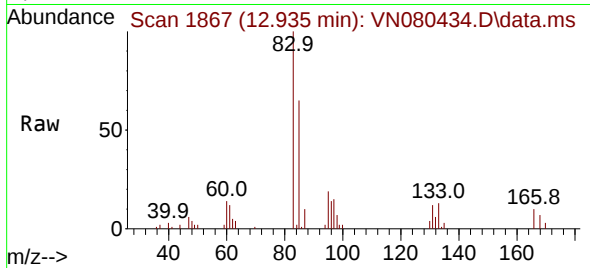
61 29.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 5.515 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

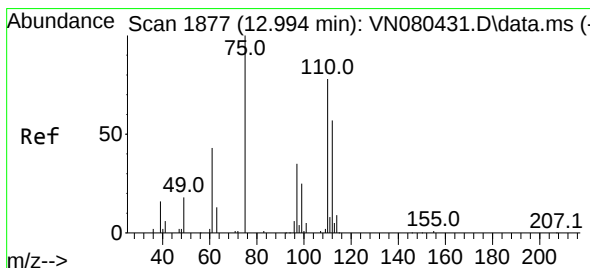
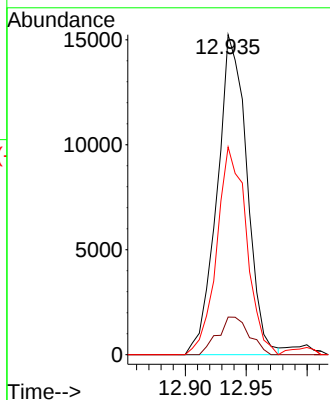
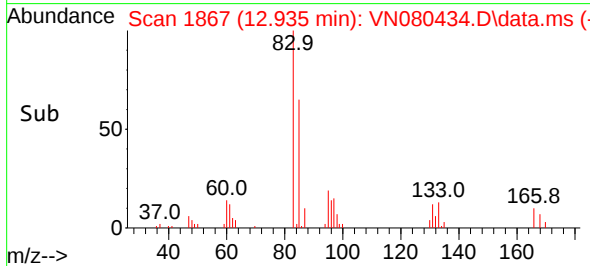
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 25870
Ion Ratio Lower Upper
83 100
131 12.4 5.0 15.0
85 64.8 31.9 95.7

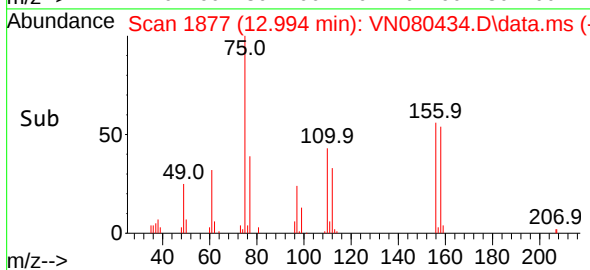
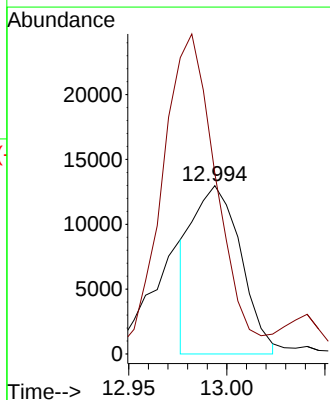
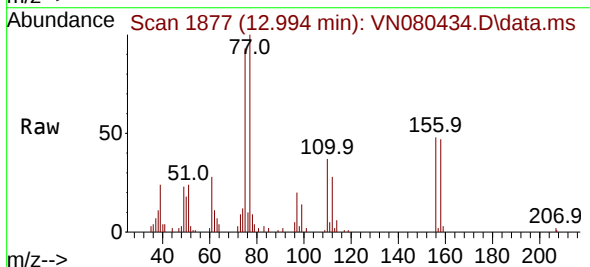
Manual Integrations
APPROVED

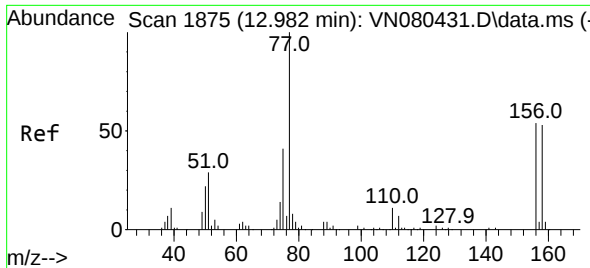
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#76
1,2,3-Trichloropropane
Concen: 4.677 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

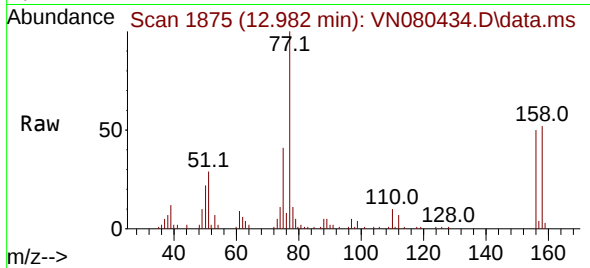
Tgt Ion: 75 Resp: 22216
Ion Ratio Lower Upper
75 100
77 214.3 84.5 253.5





#77
Bromobenzene
Concen: 5.207 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

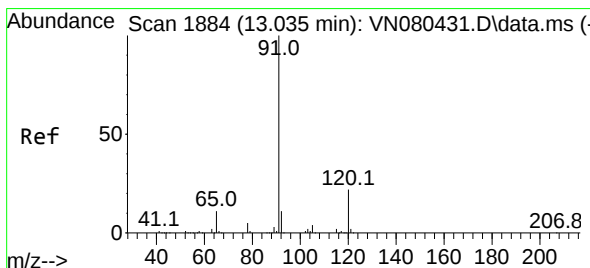
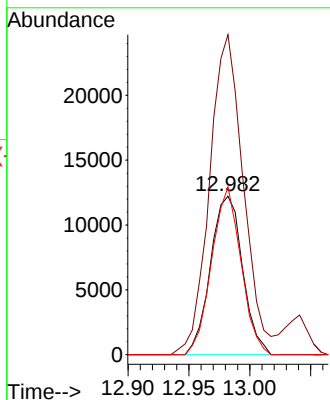
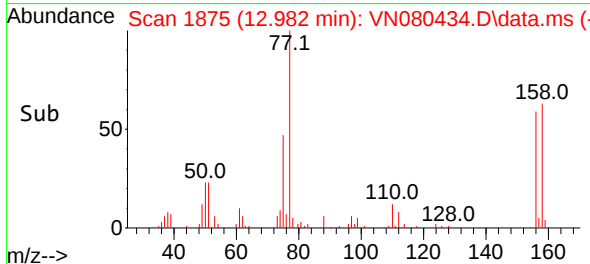
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:156 Resp: 22428
Ion Ratio Lower Upper
156 100
77 212.2 107.7 323.3
158 96.5 48.4 145.3

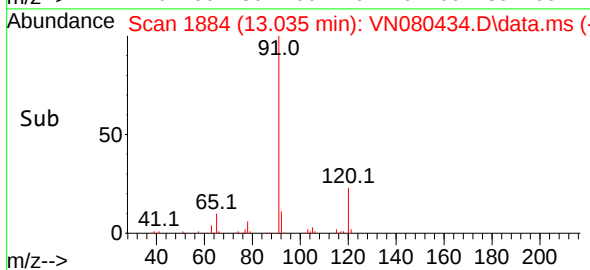
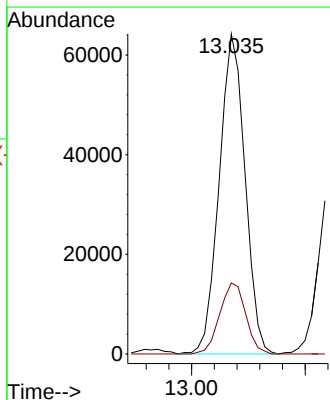
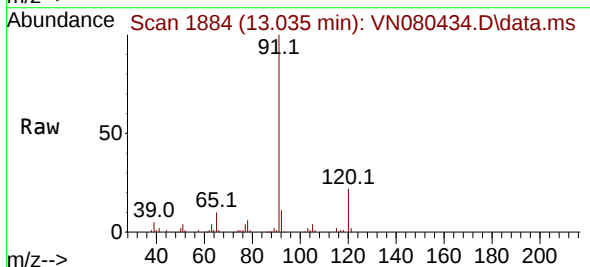
Manual Integrations
APPROVED

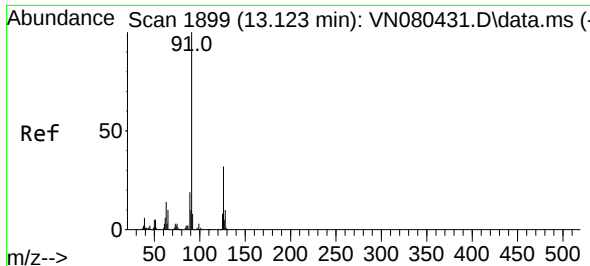
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#78
n-propylbenzene
Concen: 5.251 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

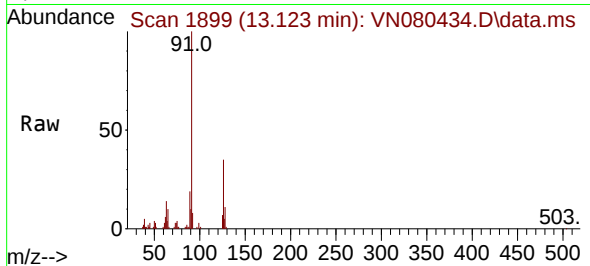
Tgt Ion: 91 Resp: 101364
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





#79
2-Chlorotoluene
Concen: 5.364 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

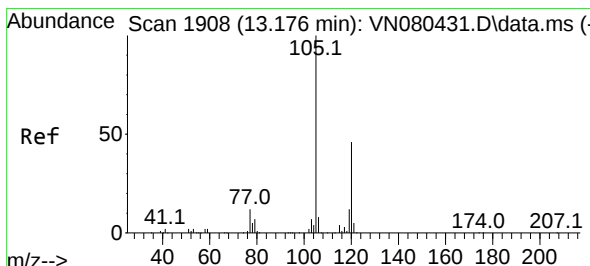
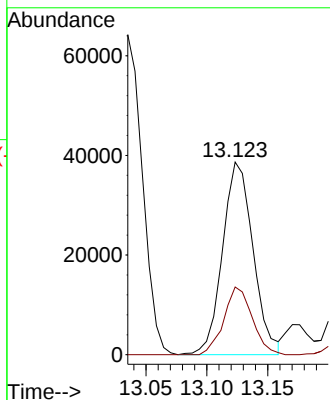
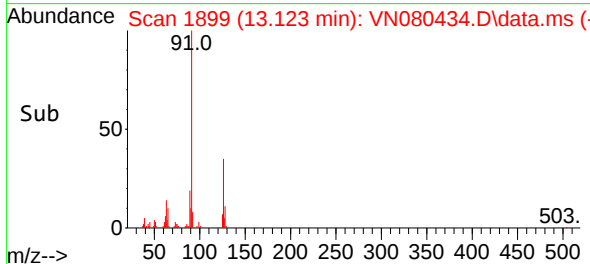
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



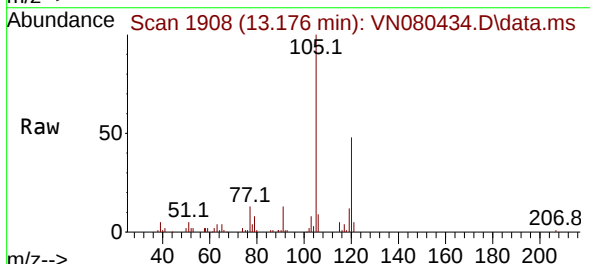
Tgt Ion: 91 Resp: 67600
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

Manual Integrations
APPROVED

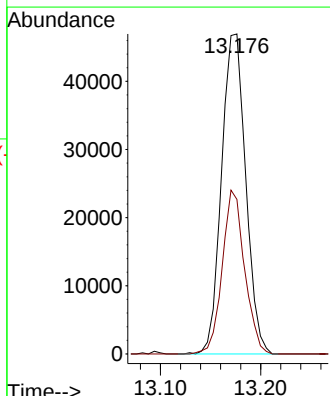
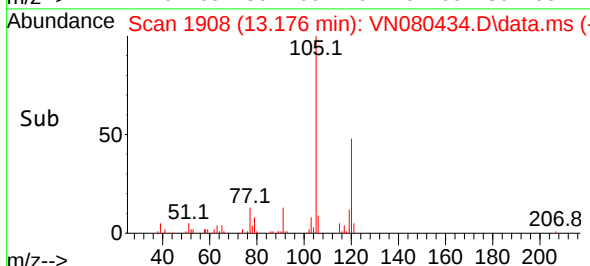
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

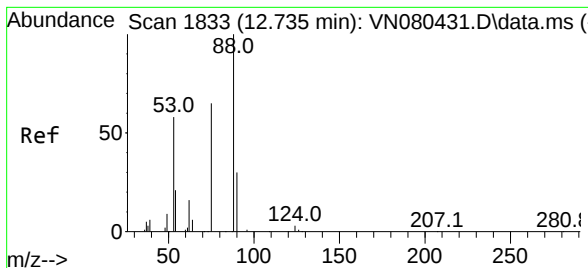


#80
1,3,5-Trimethylbenzene
Concen: 5.212 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44



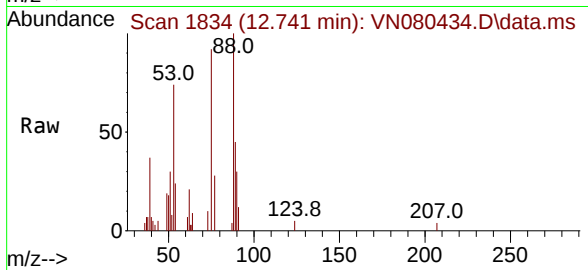
Tgt Ion:105 Resp: 78598
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 5.342 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

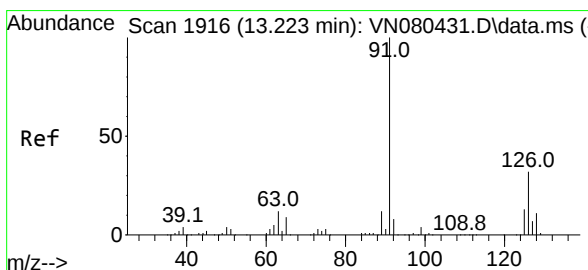
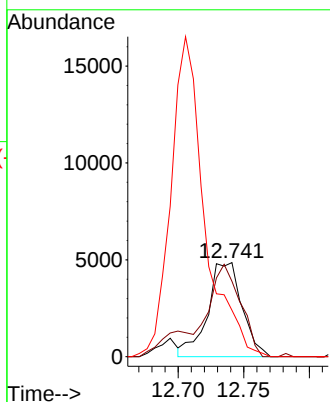
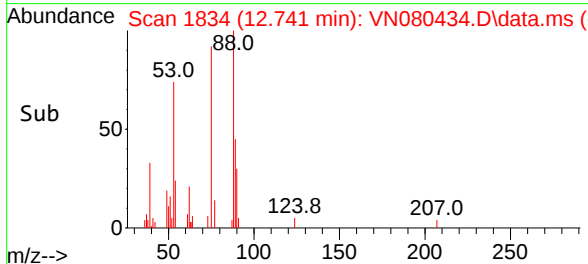
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 884
Ion Ratio Lower Upper
75 100
53 115.0 67.4 101.2
89 0.0 38.8 58.2

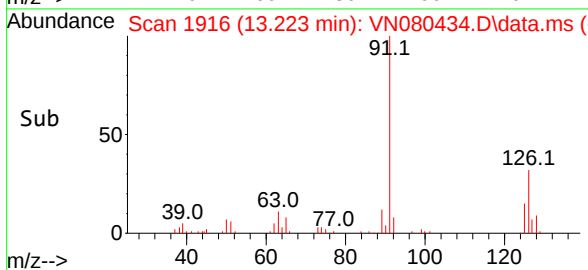
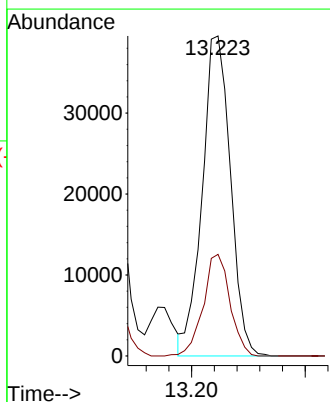
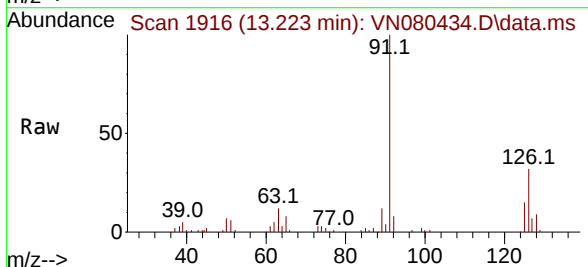
Manual Integrations
APPROVED

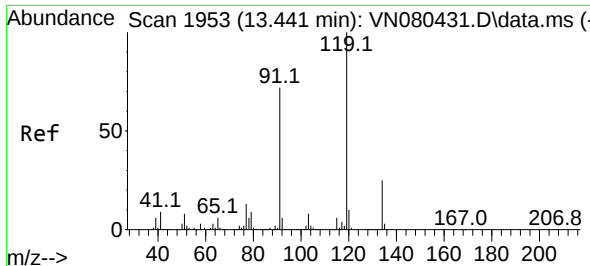
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#82
4-Chlorotoluene
Concen: 5.271 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Tgt Ion: 91 Resp: 68286
Ion Ratio Lower Upper
91 100
126 30.0 16.7 50.0





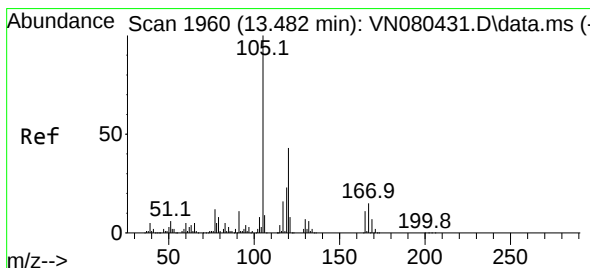
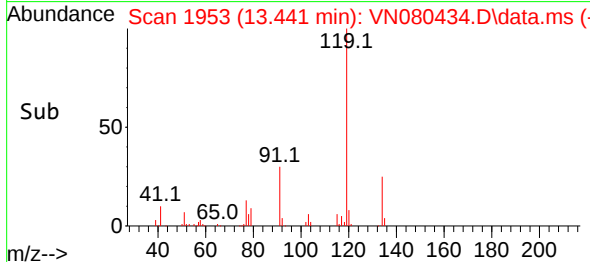
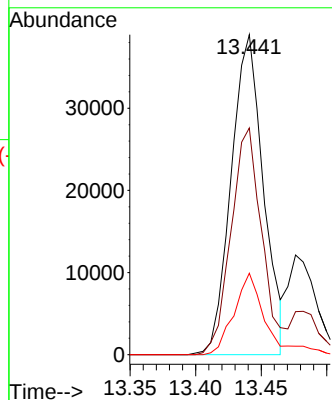
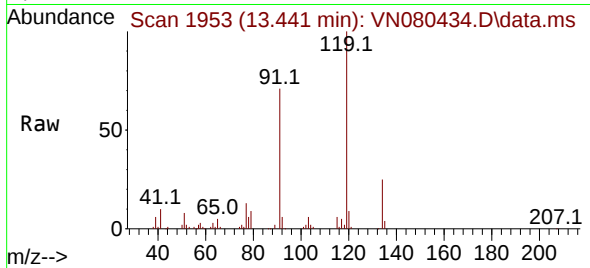
#83
tert-Butylbenzene
Concen: 5.397 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 66650
Ion Ratio Lower Upper
119 100
91 68.8 33.9 101.7
134 24.7 13.2 39.6

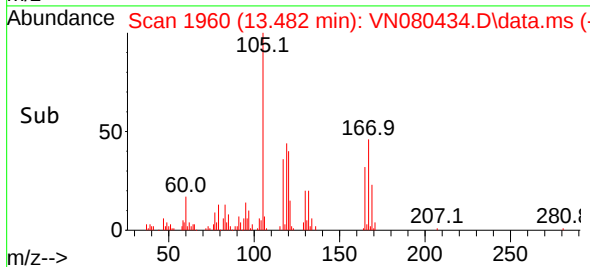
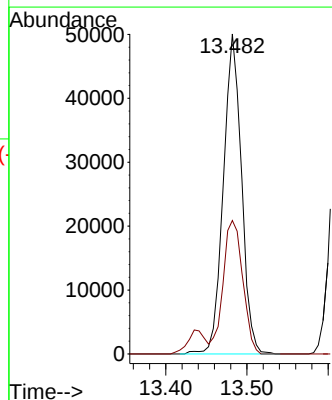
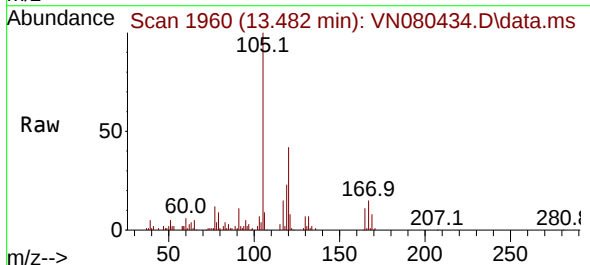
Manual Integrations
APPROVED

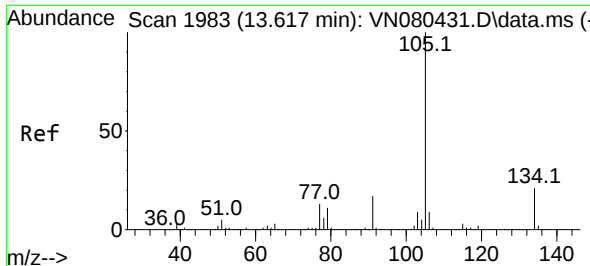
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#84
1,2,4-Trimethylbenzene
Concen: 5.188 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080434.D
Acq: 12 Dec 2023 11:44

Tgt Ion:105 Resp: 77831
Ion Ratio Lower Upper
105 100
120 45.2 22.0 66.0





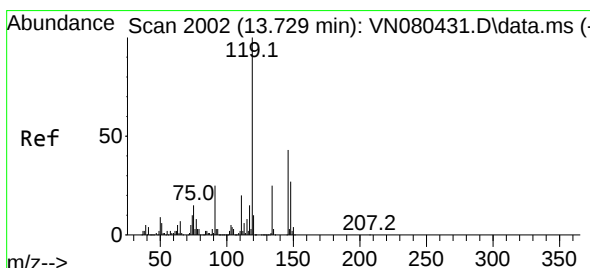
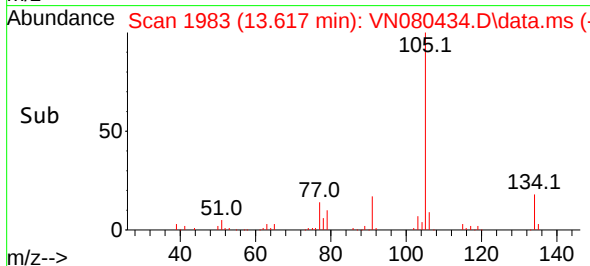
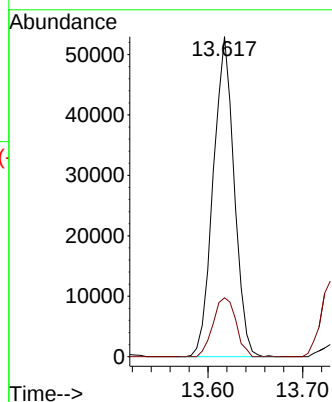
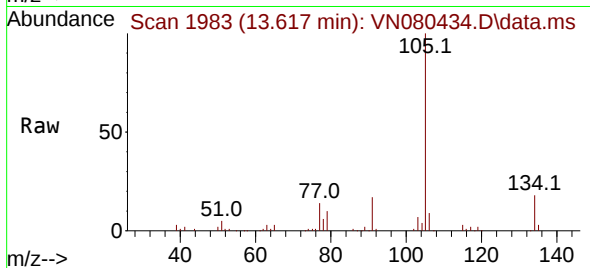
#85
 sec-Butylbenzene
 Concen: 5.160 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080434.D
 Acq: 12 Dec 2023 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 8152
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

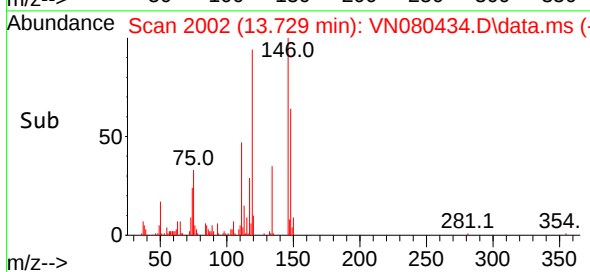
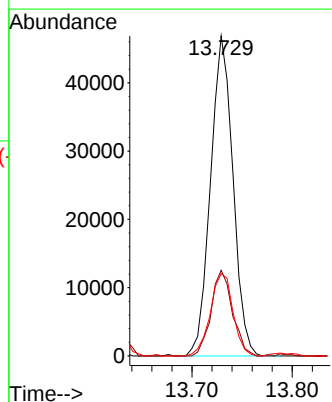
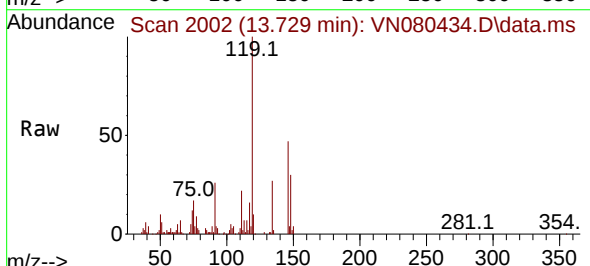
Manual Integrations
 APPROVED

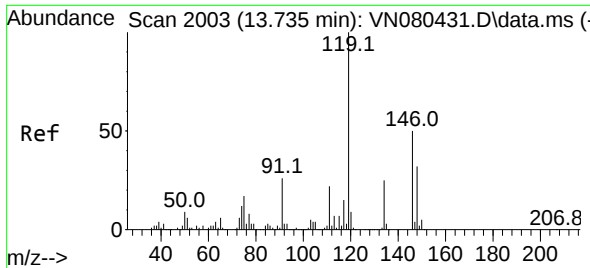
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#86
 p-Isopropyltoluene
 Concen: 5.107 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080434.D
 Acq: 12 Dec 2023 11:44

Tgt Ion:119 Resp: 72850
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 26.0 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 5.315 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080434.D
 Acq: 12 Dec 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

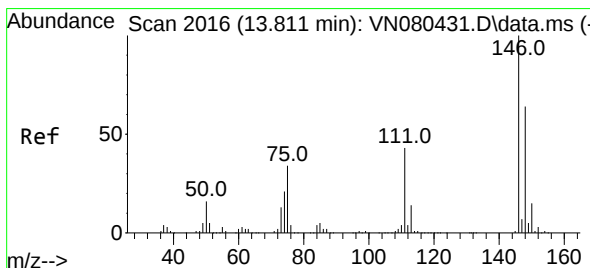
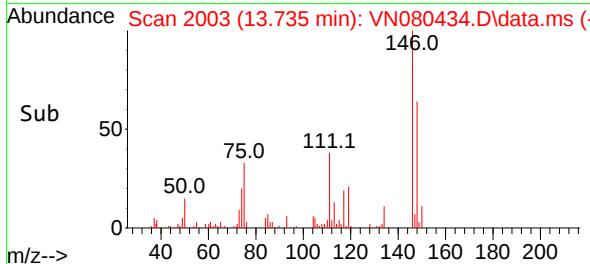
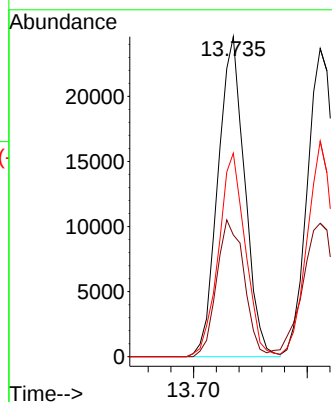
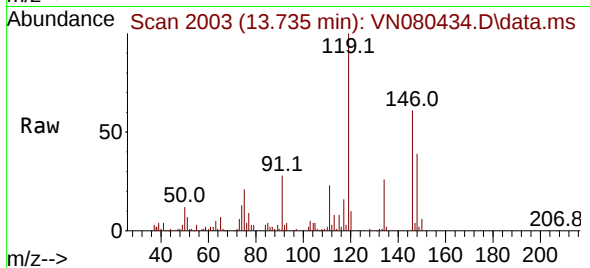
VSTDIC005

Tgt Ion:146 Resp: 4033
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.1 66.3
 148 63.3 32.0 96.0

Manual Integrations

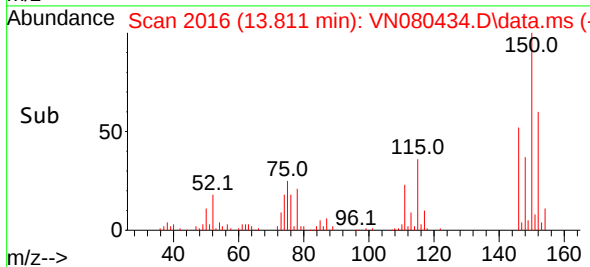
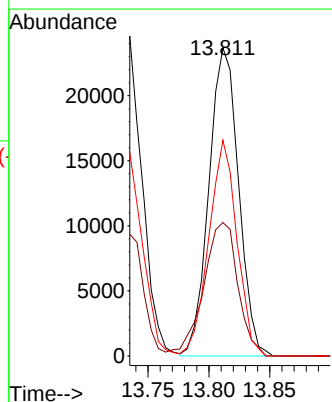
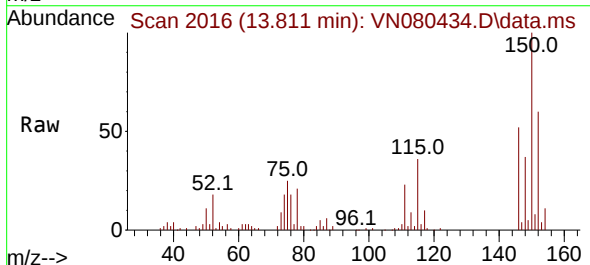
APPROVED

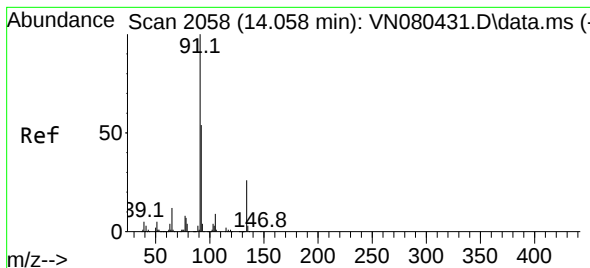
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#88
 1,4-Dichlorobenzene
 Concen: 5.241 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN080434.D
 Acq: 12 Dec 2023 11:44

Tgt Ion:146 Resp: 40150
 Ion Ratio Lower Upper
 146 100
 111 50.1 20.6 61.8
 148 66.3 31.6 94.8





#89

n-Butylbenzene

Concen: 5.031 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

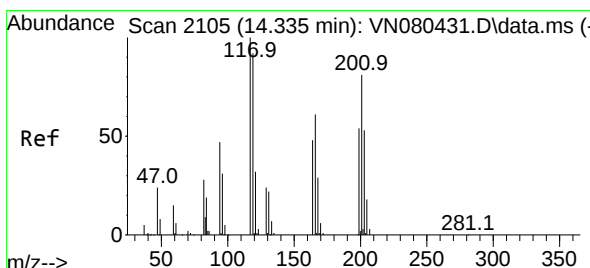
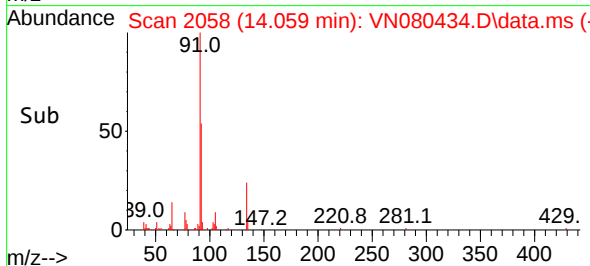
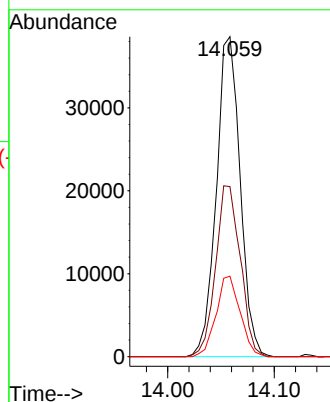
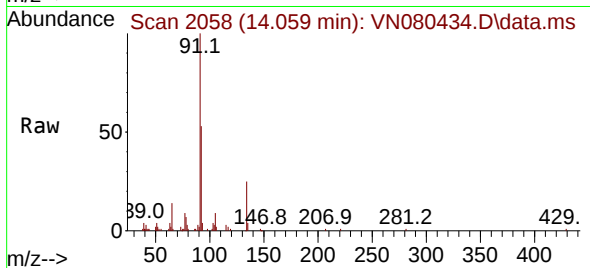
Tgt Ion: 91	Resp: 59930
Ion Ratio	Lower Upper
91	100
92	55.3 26.4 79.0
134	25.4 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#90

Hexachloroethane

Concen: 5.199 ug/l

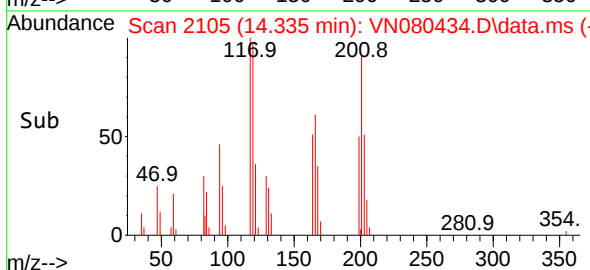
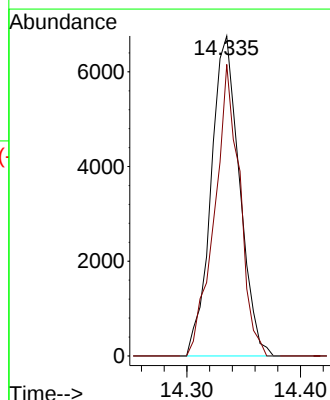
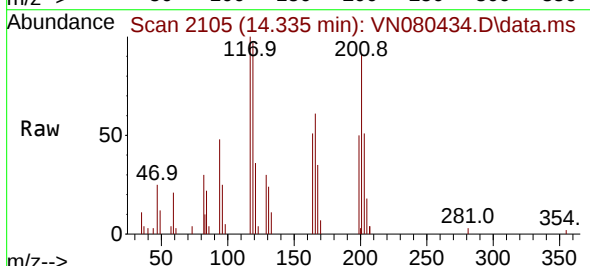
RT: 14.335 min Scan# 2105

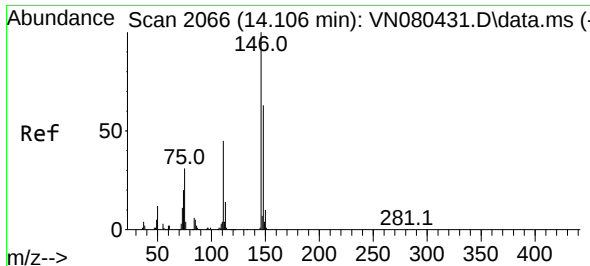
Delta R.T. 0.000 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

Tgt Ion: 117	Resp: 11778
Ion Ratio	Lower Upper
117	100
201	80.5 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 5.508 ug/l

RT: 14.111 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

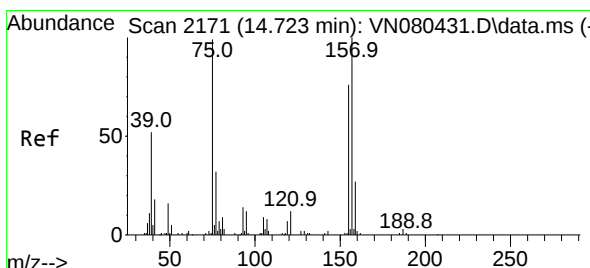
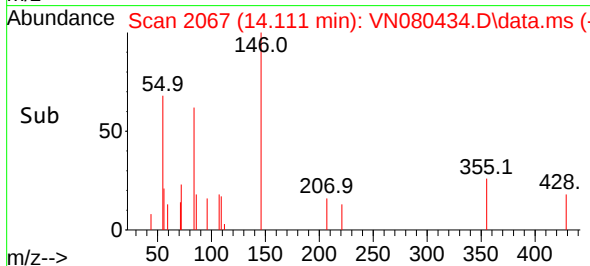
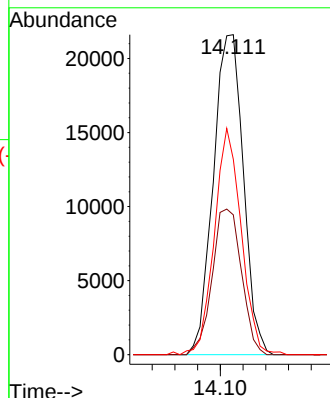
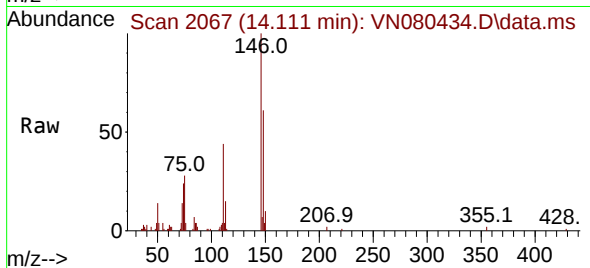
Tgt Ion:146 Resp: 39692
 Ion Ratio Lower Upper
 146 100
 111 44.4 22.0 66.0
 148 63.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.509 ug/l

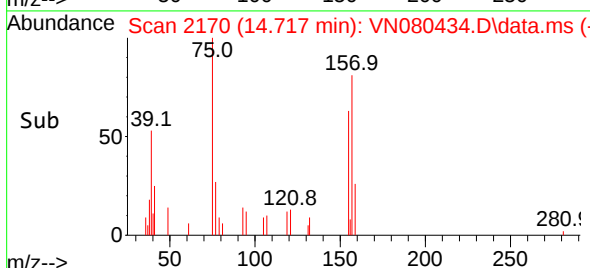
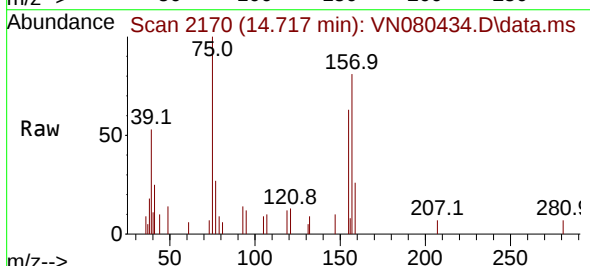
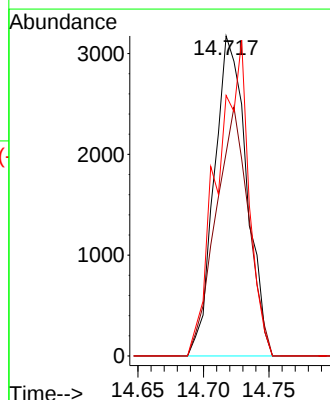
RT: 14.717 min Scan# 2170

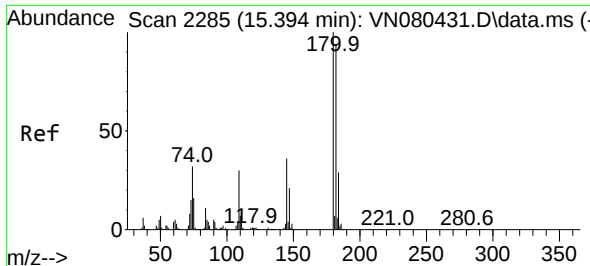
Delta R.T. -0.006 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

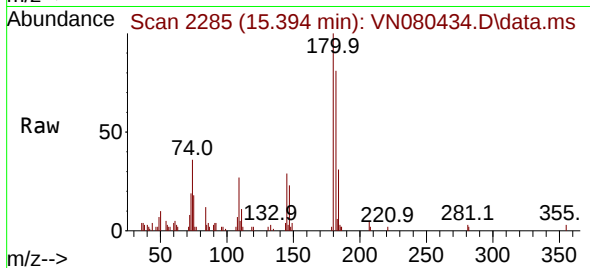
Tgt Ion: 75 Resp: 5437
 Ion Ratio Lower Upper
 75 100
 155 79.1 39.1 117.2
 157 96.7 50.3 150.9





#93
 1,2,4-Trichlorobenzene
 Concen: 5.378 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.000 min
 Lab File: VN080434.D
 Acq: 12 Dec 2023 11:44

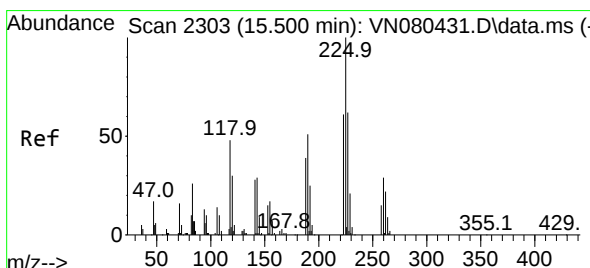
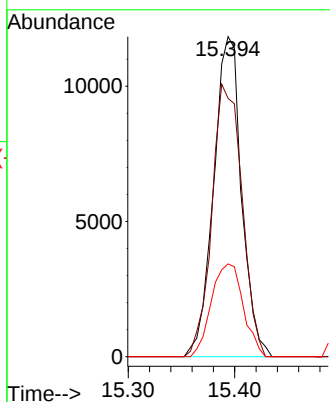
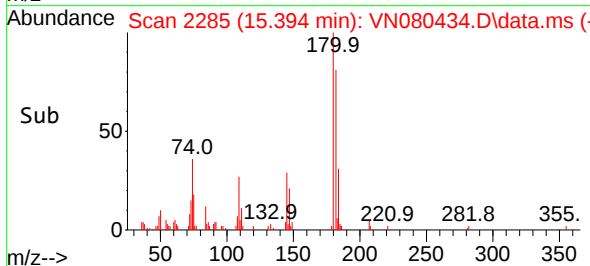
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



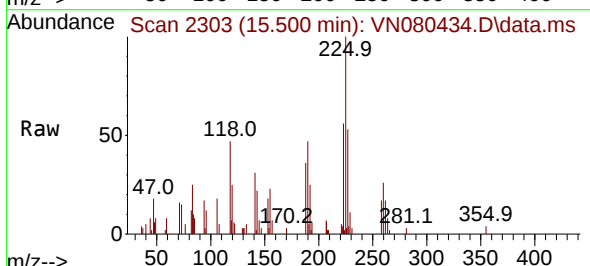
Tgt Ion:180 Resp: 21510
 Ion Ratio Lower Upper
 180 100
 182 91.7 46.1 138.2
 145 33.0 16.6 49.8

Manual Integrations
 APPROVED

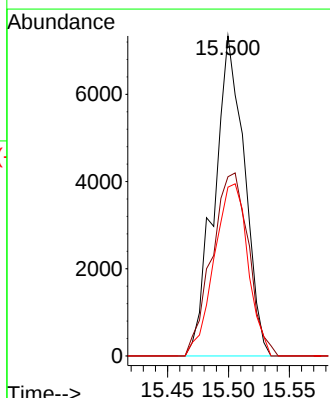
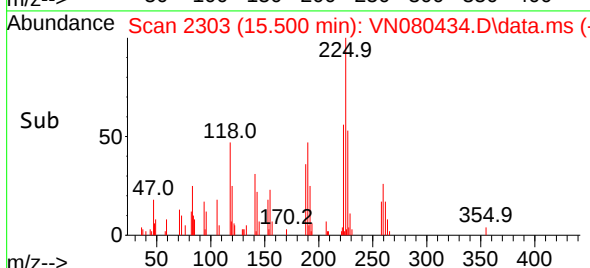
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023

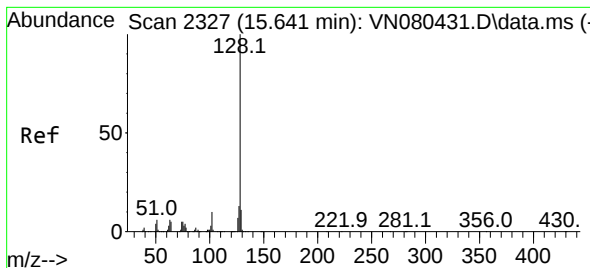


#94
 Hexachlorobutadiene
 Concen: 5.564 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN080434.D
 Acq: 12 Dec 2023 11:44



Tgt Ion:225 Resp: 12673
 Ion Ratio Lower Upper
 225 100
 223 69.5 31.3 93.8
 227 60.2 31.9 95.9





#95

Naphthalene

Concen: 5.175 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

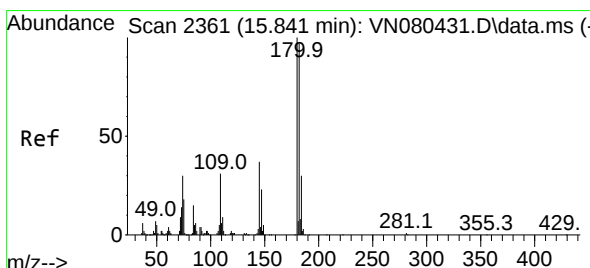
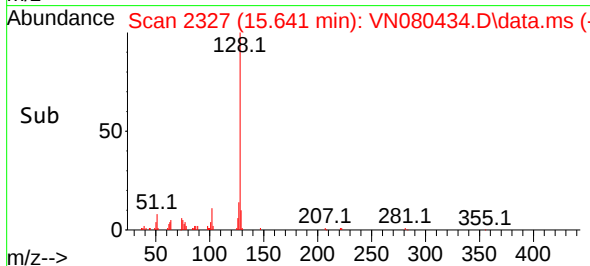
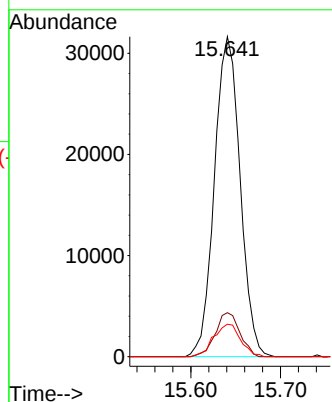
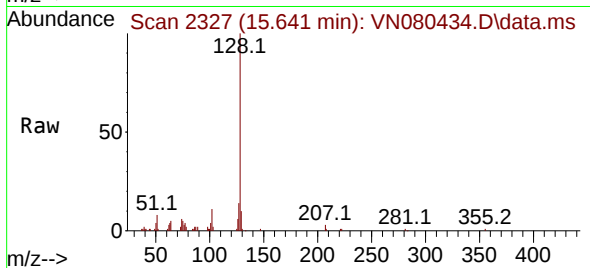
Tgt Ion:	128	Resp:	62878
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.0	15.0
129	10.7	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 5.333 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080434.D

Acq: 12 Dec 2023 11:44

Tgt Ion:	180	Resp:	20591
Ion Ratio	Lower	Upper	
180	100		
182	89.3	46.2	138.6
145	34.5	17.5	52.6

