

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051424\
 Data File : VN082116.D
 Acq On : 14 May 2024 15:24
 Operator : JC\MD
 Sample : VN0514WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0514WBS02

Quant Time: May 15 02:47:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 14 11:29:16 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/15/2024
 Supervised By : Mahesh Dadoda 05/15/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	59611	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	326981	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	296360	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	162171	32.493	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.300%			
60) 4-Bromofluorobenzene	12.853	95	139103	28.204	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.000%			
63) Toluene-d8	10.565	98	426892	30.331	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	45115	13.333	ug/l	93
3) Chloromethane	2.360	50	53220	13.562	ug/l	98
4) Vinyl Chloride	2.518	62	60186	16.235	ug/l	91
5) Bromomethane	2.965	94	36547	18.893	ug/l	98
6) Chloroethane	3.124	64	46196	22.006	ug/l	89
7) Trichlorofluoromethane	3.501	101	78814	14.529	ug/l	92
8) Diethyl Ether	3.965	74	31282	11.913	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.371	101	48985m	13.158	ug/l	
10) 1,1-Dichloroethene	4.348	96	42227	11.592	ug/l	86
11) Methyl Iodide	4.595	142	43438	13.055	ug/l	93
12) Methyl Acetate	5.024	43	79676	17.110	ug/l #	78
13) Acrolein	4.177	56	81898	84.450	ug/l	100
14) Acrylonitrile	5.718	53	144340	69.423	ug/l	98
15) Acetone	4.424	58	35375	75.443	ug/l #	69
16) Carbon Disulfide	4.718	76	100325	9.953	ug/l	97
17) Allyl chloride	5.024	41	86592	13.281	ug/l	84
18) Methylene Chloride	5.277	84	55926	13.510	ug/l #	73
19) trans-1,2-Dichloroethene	5.789	96	45668	12.045	ug/l	97
20) Diisopropyl ether	6.677	45	212027	15.003	ug/l #	92
21) 1,1-Dichloroethane	6.565	63	107603	14.379	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	61727	13.330	ug/l	88
23) tert-Butyl Alcohol	5.512	59	55369	64.639	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	181614	13.845	ug/l #	88
25) Chloroform	7.965	83	108031	15.006	ug/l	94
26) Cyclohexane	8.259	56	80788	12.559	ug/l #	85
29) 1,1-Dichloropropene	8.377	75	70035	14.387	ug/l	96
30) 2-Butanone	7.483	43	203633	81.152	ug/l #	86
31) 2,2-Dichloropropane	7.489	77	95272	19.098	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	91043	16.262	ug/l	94
33) Carbon Tetrachloride	8.365	117	73190	16.108	ug/l	90
34) Benzene	8.606	78	226252	14.569	ug/l #	94
35) Methacrylonitrile	7.783	41	49023	15.442	ug/l	91
36) 1,2-Dichloroethane	8.671	62	85950	16.487	ug/l #	94
37) Trichloroethene	9.353	130	49108	12.910	ug/l	91
38) Methylcyclohexane	9.600	83	77635	13.202	ug/l	92
39) 1,2-Dichloropropane	9.624	63	58780	14.751	ug/l	100
40) Dibromomethane	9.712	93	38483	15.033	ug/l	95
41) Bromodichloromethane	9.888	83	84356	15.417	ug/l	94
42) Vinyl Acetate	6.606	43	810167	75.855	ug/l #	92

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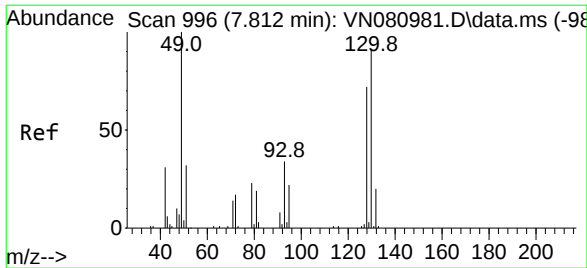
Manual Integrations
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Reviewed By : John Carlone 05/15/2024
 Supervised By : Mahesh Dadoda 05/15/2024

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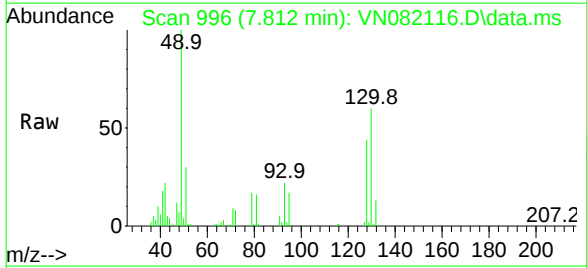
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	78176	14.240	ug/l	96
44) Isopropyl Acetate	8.688	43	159197	16.392	ug/l #	84
45) 1,4-Dioxane	9.694	88	20277	260.313	ug/l #	79
46) Methyl methacrylate	9.683	41	69371	15.633	ug/l	73
47) n-amyl Acetate	12.494	43	128633m	14.687	ug/l	
48) t-1,3-Dichloropropene	10.835	75	87049	14.671	ug/l	95
49) cis-1,3-Dichloropropene	10.312	75	92241	14.704	ug/l #	77
50) 1,1,2-Trichloroethane	11.018	97	52528	15.125	ug/l	97
51) Ethyl methacrylate	10.877	69	88530	13.506	ug/l #	67
52) 1,3-Dichloropropane	11.165	76	98703	15.469	ug/l	99
53) Dibromochloromethane	11.359	129	58495	15.480	ug/l	98
54) 1,2-Dibromoethane	11.471	107	51882	14.979	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	331456	101.123	ug/l	95
56) Bromoform	12.576	173	35302	15.350	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	453146	78.751	ug/l #	82
59) 2-Hexanone	11.194	43	341798m	80.111	ug/l	
61) Tetrachloroethene	11.106	164	48474	14.741	ug/l	92
62) Toluene	10.630	91	241914	14.508	ug/l	99
64) Chlorobenzene	11.894	112	145778	14.293	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	51100	15.308	ug/l	97
66) Ethyl Benzene	11.965	91	260153	14.233	ug/l	100
67) m/p-Xylenes	12.071	106	183505	27.079	ug/l	95
68) o-Xylene	12.394	106	93187	13.899	ug/l	100
69) Styrene	12.412	104	156358	13.892	ug/l	99
70) Isopropylbenzene	12.694	105	246224	14.460	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	75436	15.394	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	68612m	17.111	ug/l	
73) Bromobenzene	12.982	156	56283	15.441	ug/l	95
74) n-propylbenzene	13.035	91	299114	14.878	ug/l	98
75) 2-Chlorotoluene	13.129	91	174248	14.020	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	196082	14.226	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	27383	13.422	ug/l	86
78) 4-Chlorotoluene	13.224	91	171421	14.079	ug/l	99
79) tert-butylbenzene	13.441	119	172612	14.545	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	202791	14.647	ug/l	98
81) sec-Butylbenzene	13.618	105	244672	14.708	ug/l	99
82) p-Isopropyltoluene	13.729	119	200142	15.215	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	104800	15.967	ug/l	96
84) 1,4-Dichlorobenzene	13.812	146	100373	15.215	ug/l	97
85) n-Butylbenzene	14.059	91	178352	14.843	ug/l	98
86) Hexachloroethane	14.335	117	36837	14.045	ug/l	90
87) 1,2-Dichlorobenzene	14.106	146	102512	15.681	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	13762	12.515	ug/l	92
89) 1,2,4-Trichlorobenzene	15.847	180	55697	15.473	ug/l	99
90) Hexachlorobutadiene	15.500	225	23755	17.819	ug/l	97
91) Naphthalene	15.641	128	172666	12.619	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	55697	15.473	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

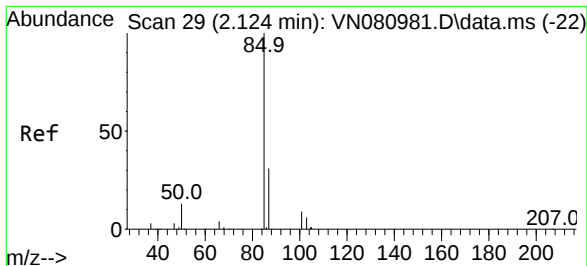
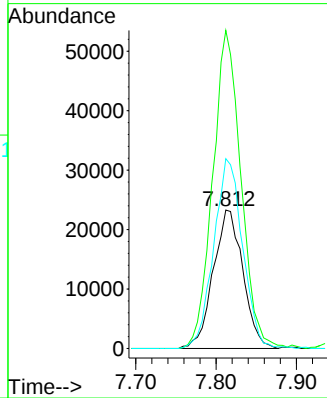
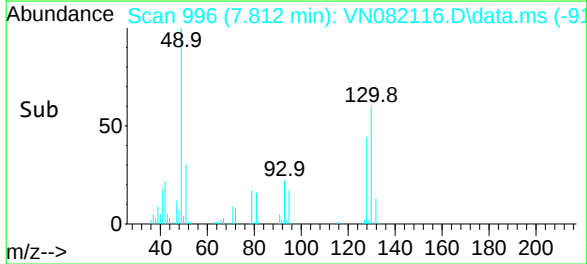
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02



Tgt Ion: 128 Resp: 59611
Ion Ratio Lower Upper
128 100
49 218.6 0.0 403.7
130 133.5 0.0 323.3

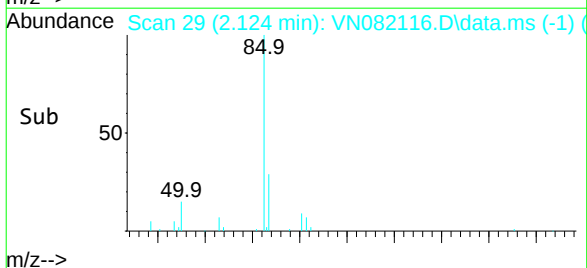
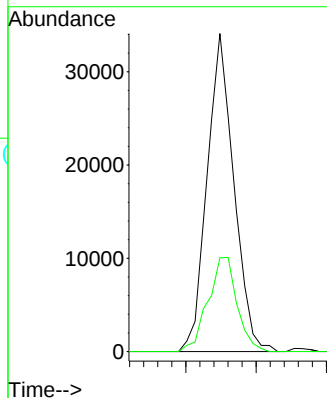
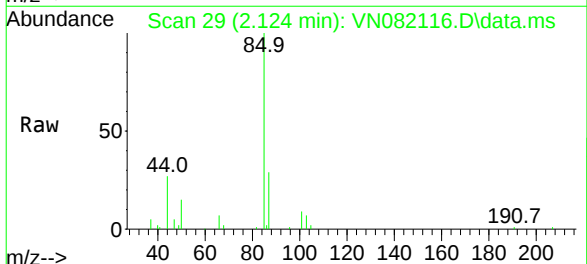
Manual Integrations
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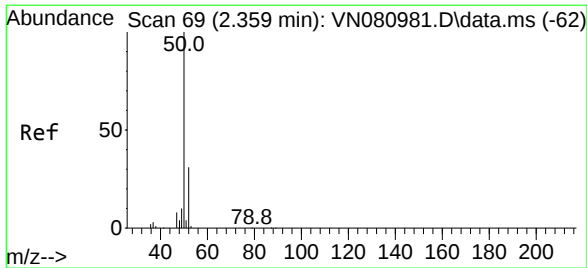
Reviewed By : John Carlone 05/15/2024
Supervised By : Mahesh Dadoda 05/15/2024



#2
Dichlorodifluoromethane
Concen: 13.333 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Tgt Ion: 85 Resp: 45115
Ion Ratio Lower Upper
85 100
87 29.5 16.8 50.3





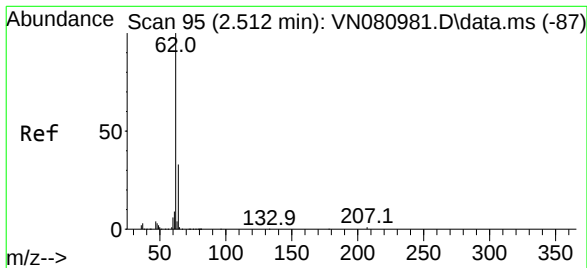
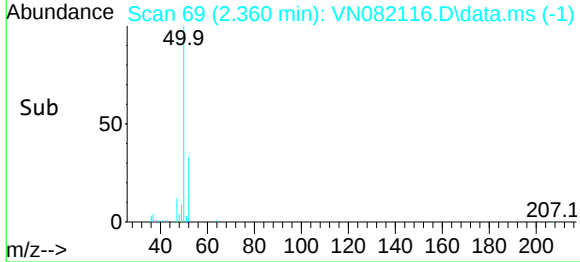
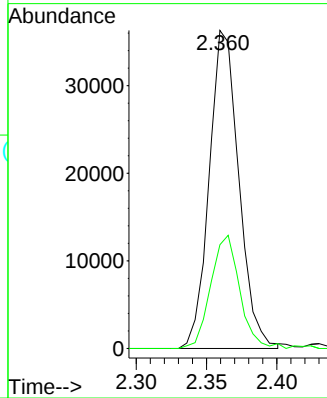
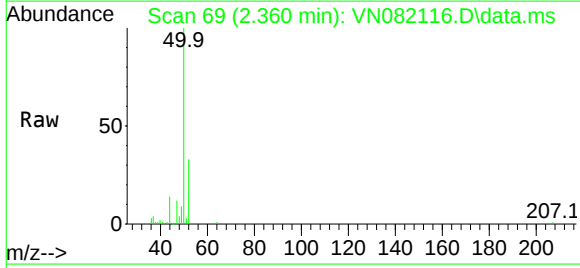
#3
Chloromethane
Concen: 13.562 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02

Tgt Ion: 50 Resp: 53220
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.0

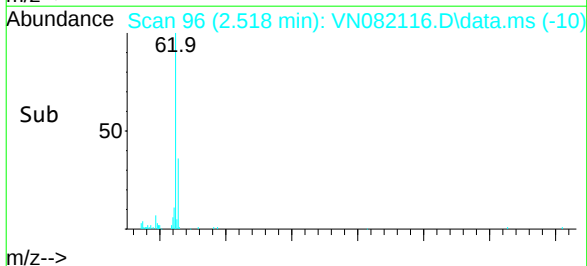
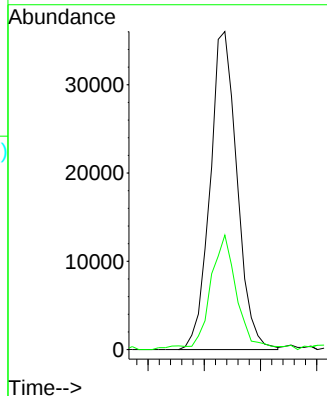
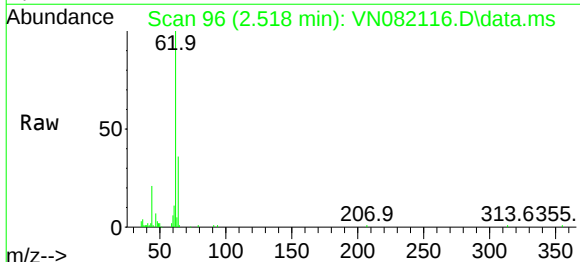
Manual Integrations
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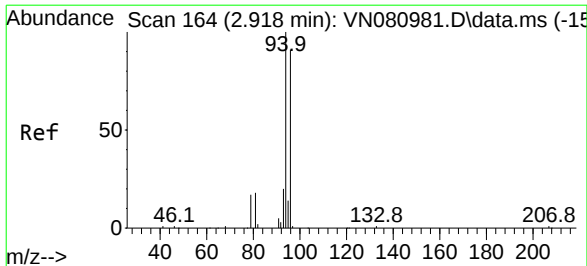
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#4
Vinyl Chloride
Concen: 16.235 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

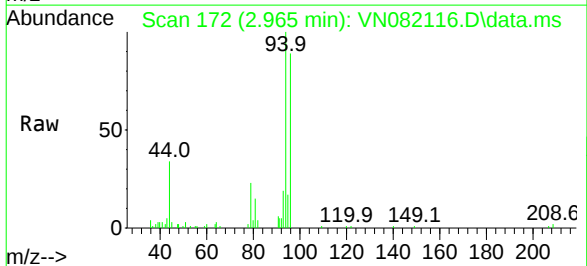
Tgt Ion: 62 Resp: 60186
Ion Ratio Lower Upper
62 100
64 35.0 24.1 36.1





#5
Bromomethane
Concen: 18.893 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.047 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

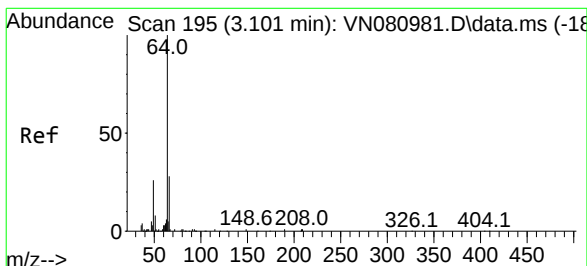
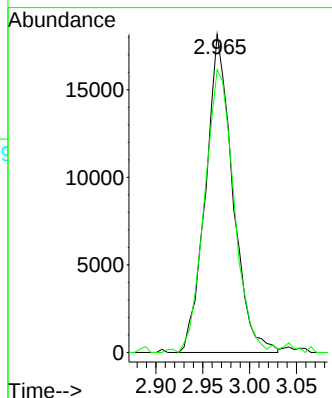
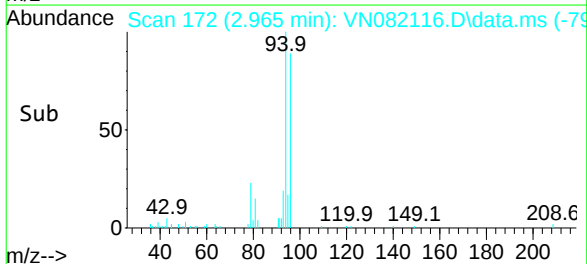
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02



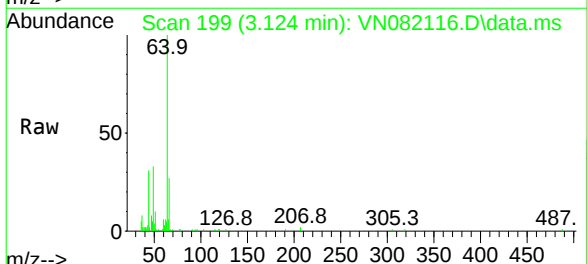
Tgt Ion: 94 Resp: 36547
Ion Ratio Lower Upper
94 100
96 88.9 72.8 109.2

Manual Integrations
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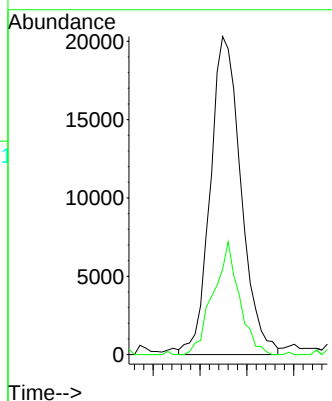
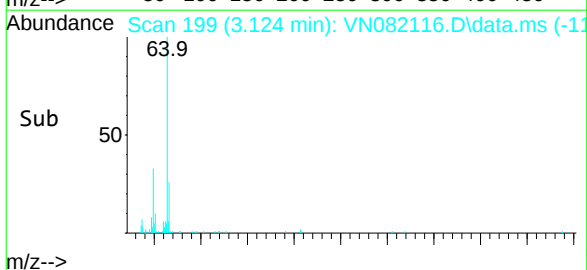
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

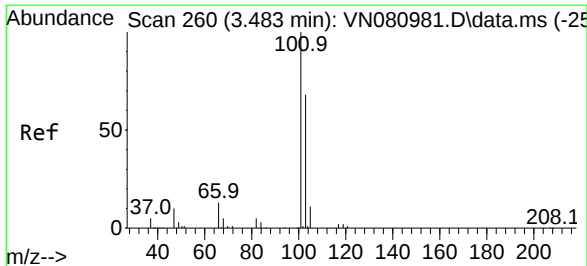


#6
Chloroethane
Concen: 22.006 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.024 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24



Tgt Ion: 64 Resp: 46196
Ion Ratio Lower Upper
64 100
66 27.3 26.7 40.1





#7

Trichlorofluoromethane

Concen: 14.529 ug/l

RT: 3.501 min Scan# 260

Delta R.T. 0.018 min

Lab File: VN082116.D

Acq: 14 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0514WBS02

Tgt Ion:101 Resp: 78814

Ion Ratio Lower Upper

101 100

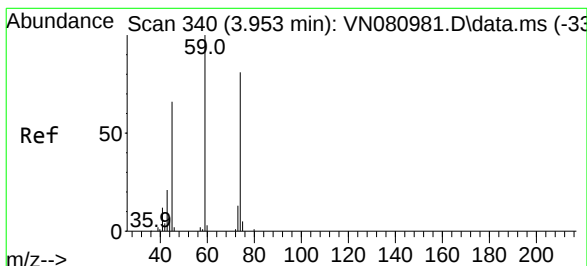
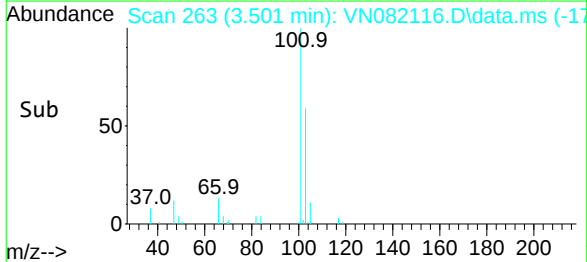
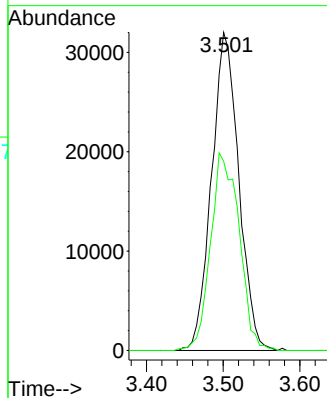
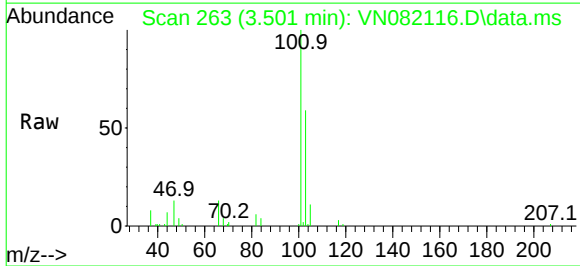
103 59.5 53.0 79.4

Manual Integrations

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Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#8

Diethyl Ether

Concen: 11.913 ug/l

RT: 3.965 min Scan# 342

Delta R.T. 0.012 min

Lab File: VN082116.D

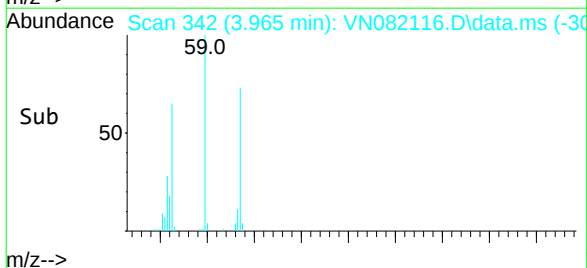
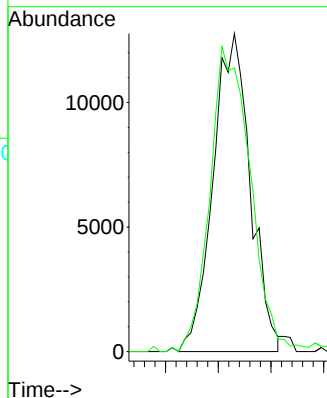
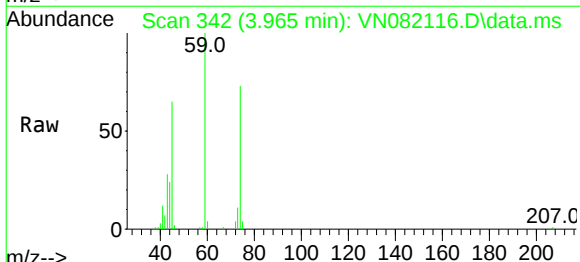
Acq: 14 May 2024 15:24

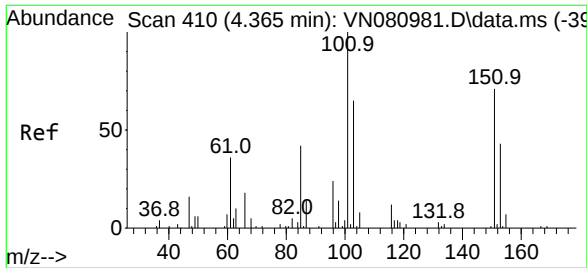
Tgt Ion: 74 Resp: 31282

Ion Ratio Lower Upper

74 100

45 103.1 16.4 147.4





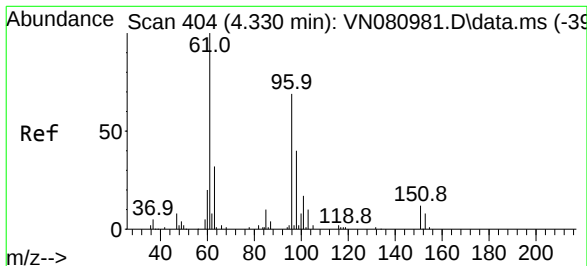
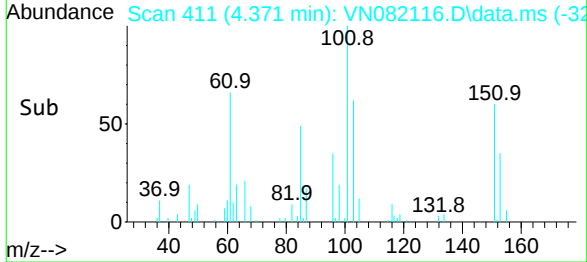
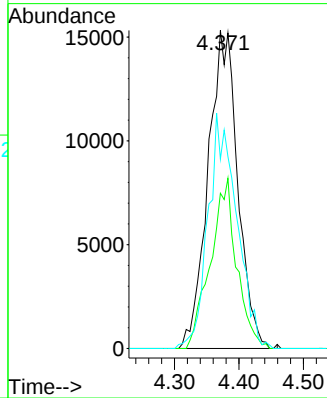
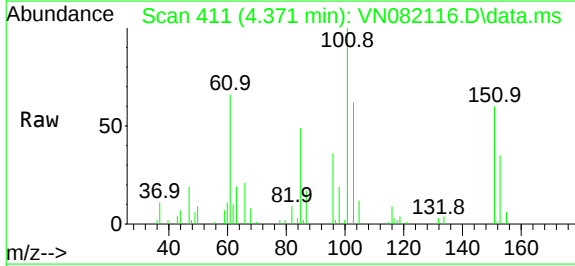
#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.158 ug/l m
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02

Tgt Ion: 101 Resp: 48985
Ion Ratio Lower Upper
101 100
85 47.4 0.0 90.6
151 33.6 0.0 157.6

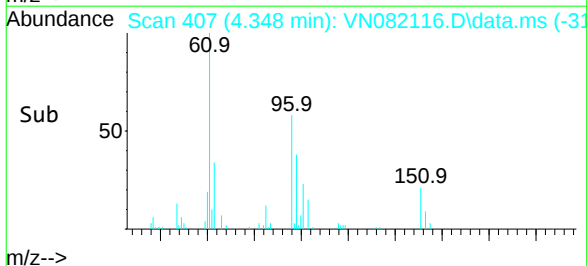
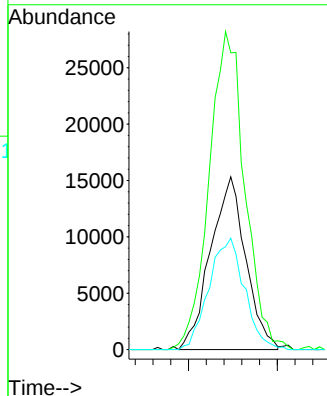
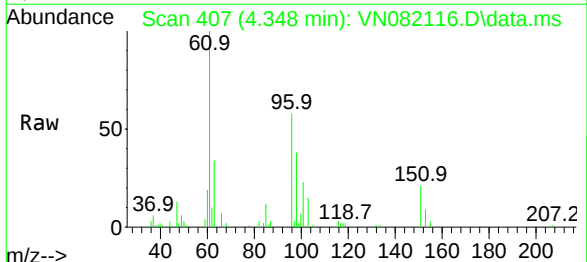
Manual Integrations
APPROVED

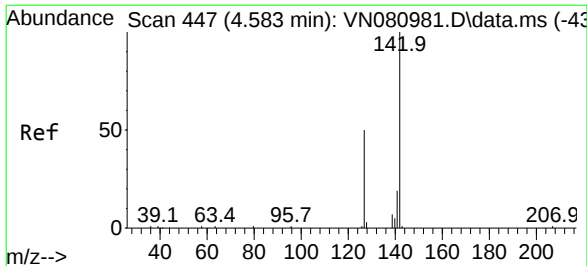
Reviewed By : John Carlone 05/15/2024
Supervised By : Mahesh Dadoda 05/15/2024



#10
1,1-Dichloroethene
Concen: 11.592 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.018 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

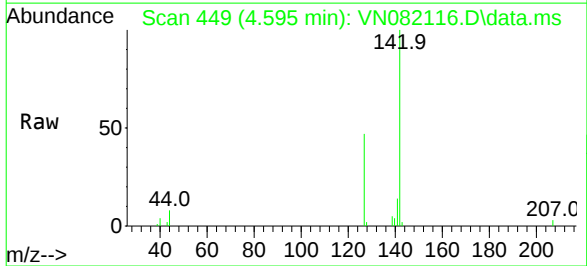
Tgt Ion: 96 Resp: 42227
Ion Ratio Lower Upper
96 100
61 168.4 117.6 176.4
98 64.5 48.4 72.6





#11
Methyl Iodide
Concen: 13.055 ug/l
RT: 4.595 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

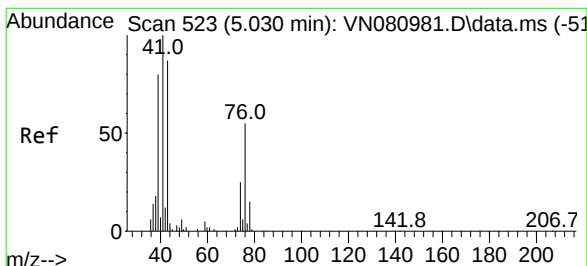
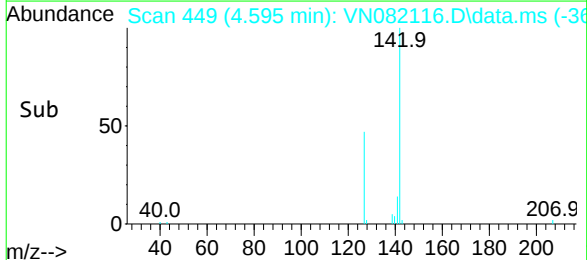
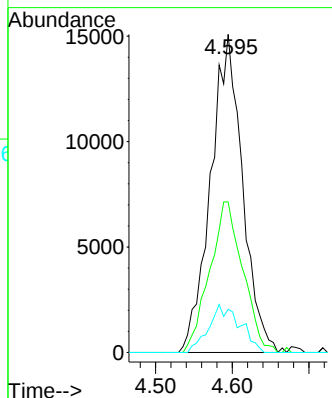
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02



Tgt Ion: 142 Resp: 43438
Ion Ratio Lower Upper
142 100
127 47.3 26.3 78.9
141 13.6 8.3 24.9

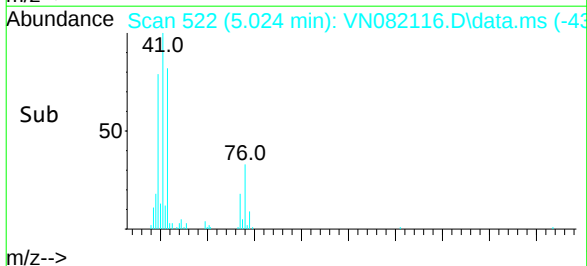
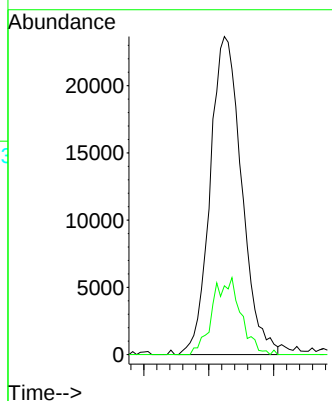
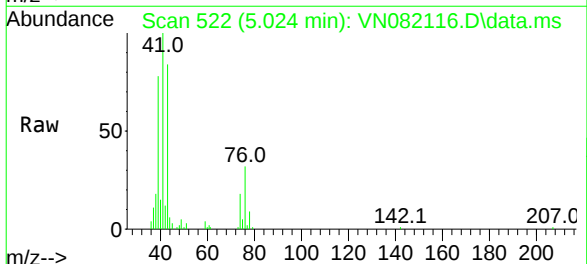
Manual Integrations
APPROVED

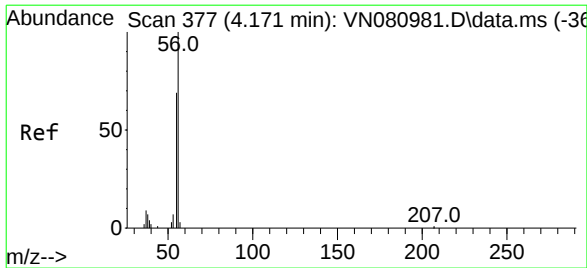
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#12
Methyl Acetate
Concen: 17.110 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

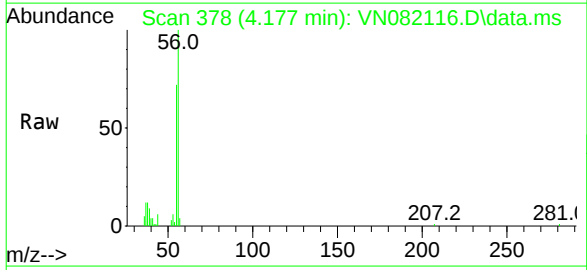
Tgt Ion: 43 Resp: 79676
Ion Ratio Lower Upper
43 100
74 21.9 27.7 41.5#





#13
Acrolein
Concen: 84.450 ug/l
RT: 4.177 min Scan# 377
Delta R.T. 0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

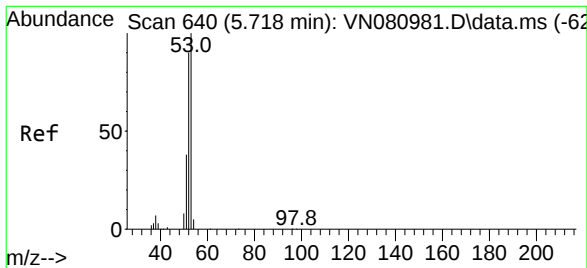
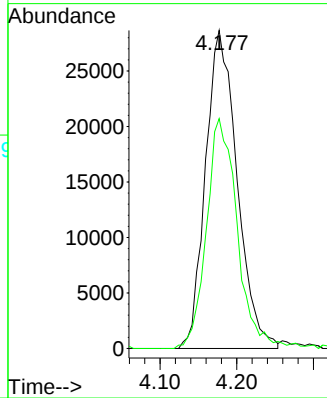
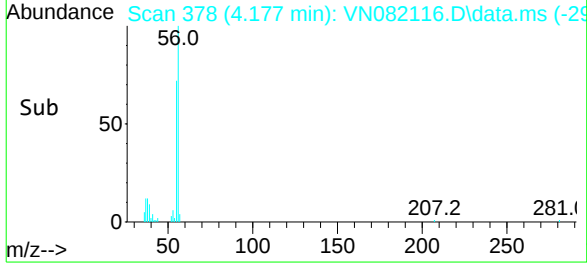
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02



Tgt Ion: 56 Resp: 81898
Ion Ratio Lower Upper
56 100
55 69.4 55.5 83.3

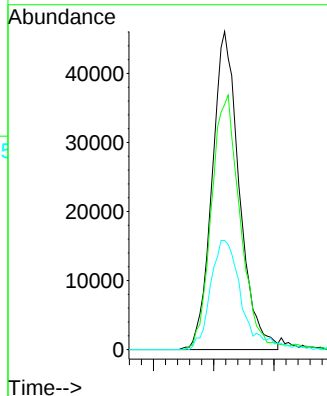
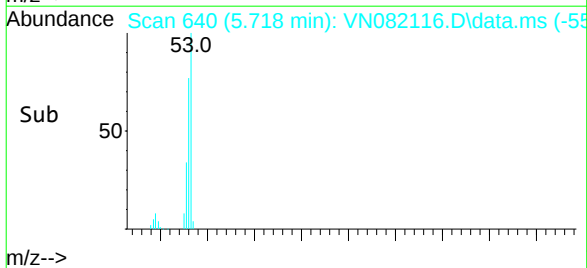
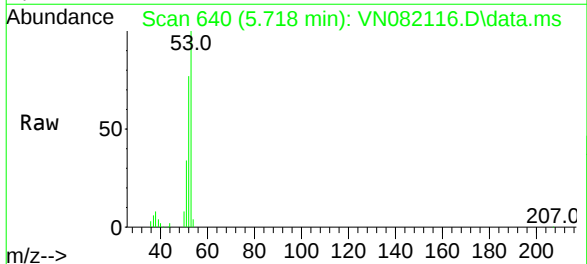
Manual Integrations
APPROVED

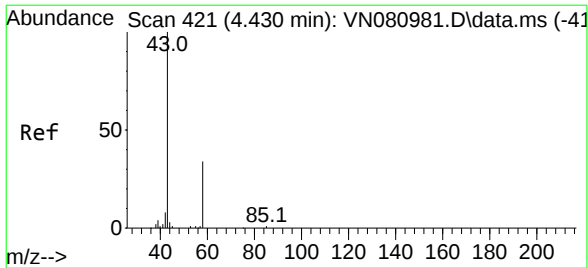
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#14
Acrylonitrile
Concen: 69.423 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

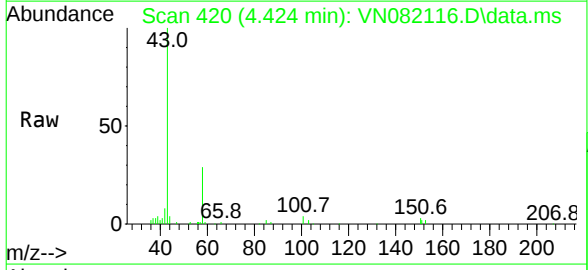
Tgt Ion: 53 Resp: 144340
Ion Ratio Lower Upper
53 100
52 83.4 41.3 123.9
51 35.8 16.8 50.3





#15
Acetone
Concen: 75.443 ug/l
RT: 4.424 min Scan# 421
Delta R.T. -0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

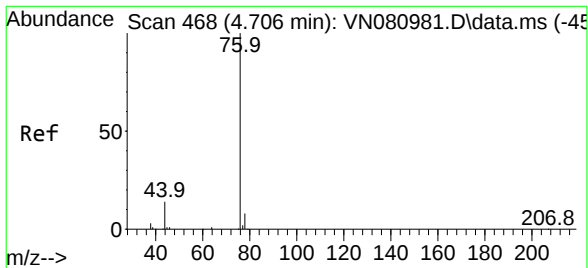
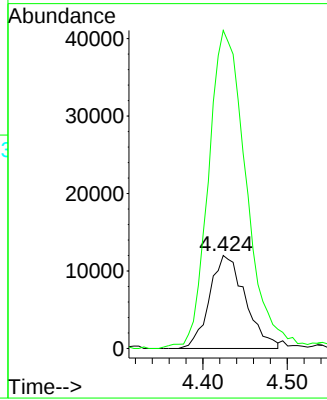
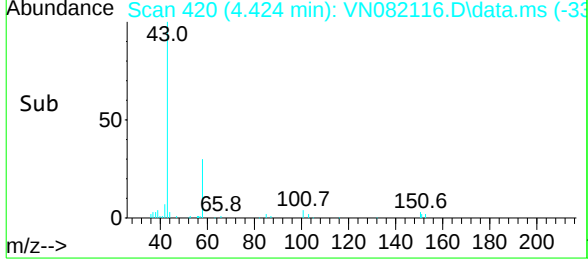
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02



Tgt Ion: 58 Resp: 35375
Ion Ratio Lower Upper
58 100
43 337.5 223.1 334.7#

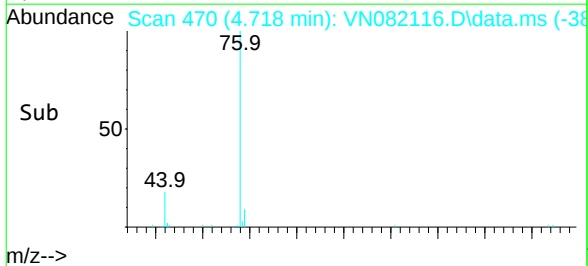
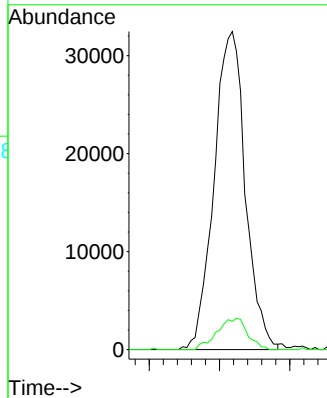
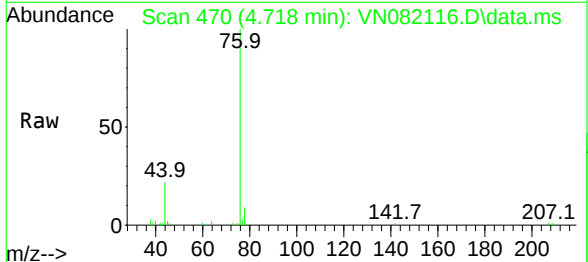
Manual Integrations
APPROVED

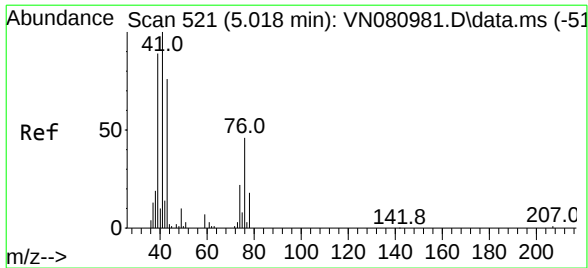
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#16
Carbon Disulfide
Concen: 9.953 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.012 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Tgt Ion: 76 Resp: 100325
Ion Ratio Lower Upper
76 100
78 8.9 6.3 9.5





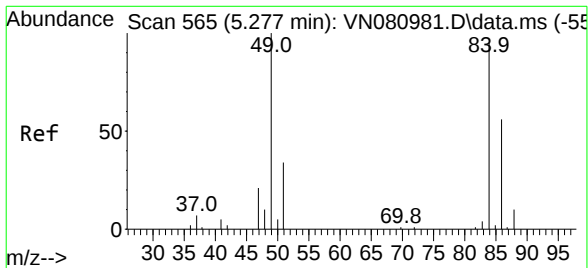
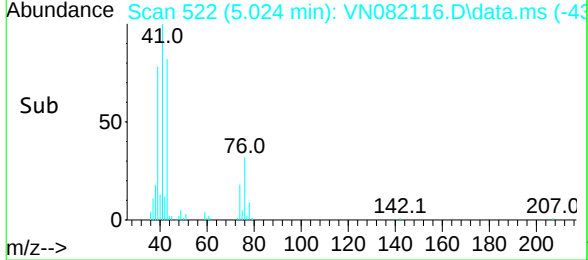
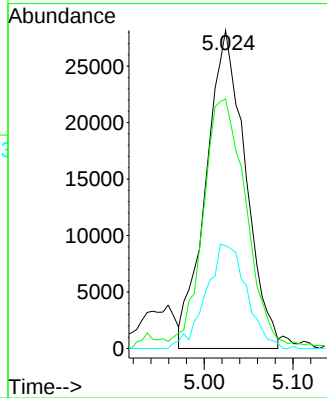
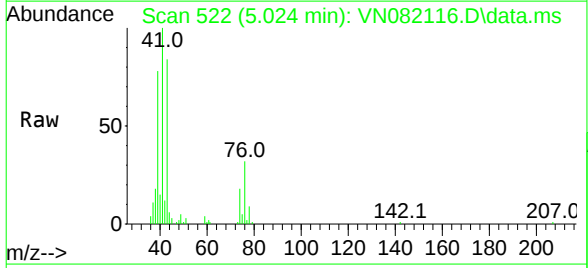
#17
Allyl chloride
Concen: 13.281 ug/l
RT: 5.024 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02

Tgt Ion	Ratio	Lower	Upper
41	100		
39	78.5	37.6	112.9
76	31.9	27.8	83.4

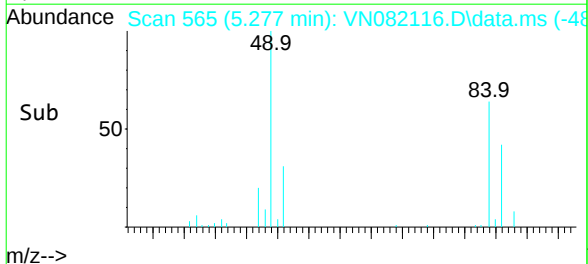
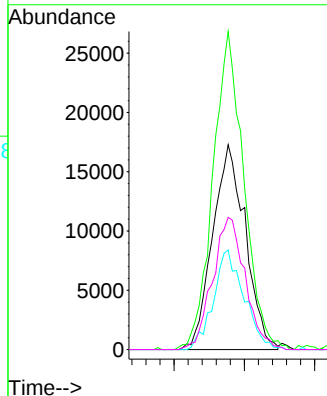
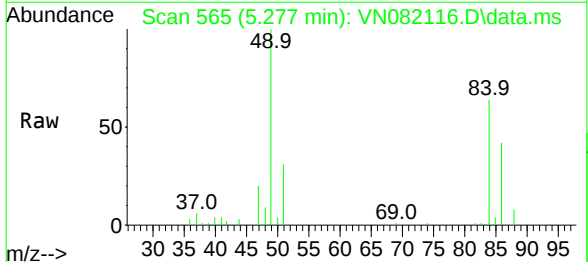
Manual Integrations
APPROVED

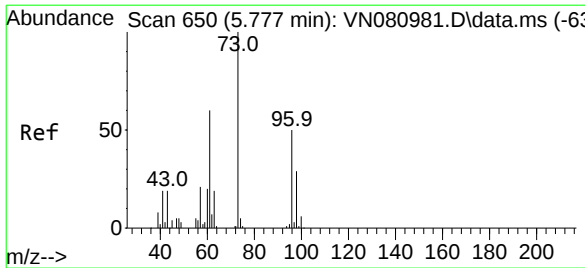
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#18
Methylene Chloride
Concen: 13.510 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

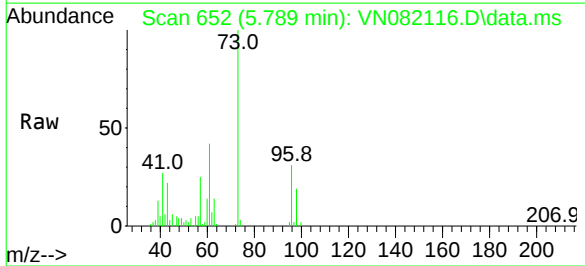
Tgt Ion	Ratio	Lower	Upper
84	100		
49	154.1	86.0	129.0#
51	48.6	30.0	45.0#
86	64.5	53.0	79.4





#19
trans-1,2-Dichloroethene
Concen: 12.045 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.012 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

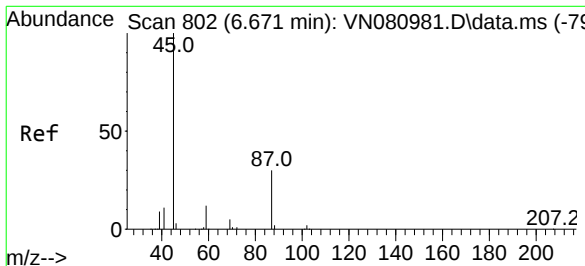
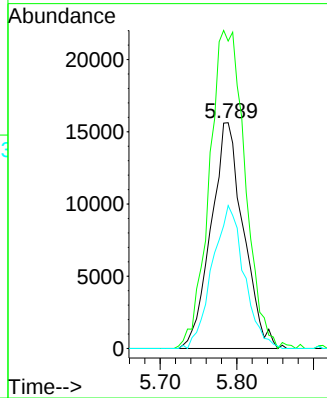
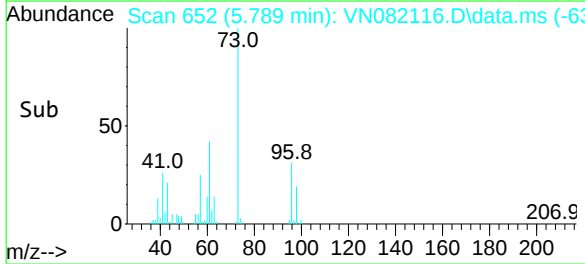
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02



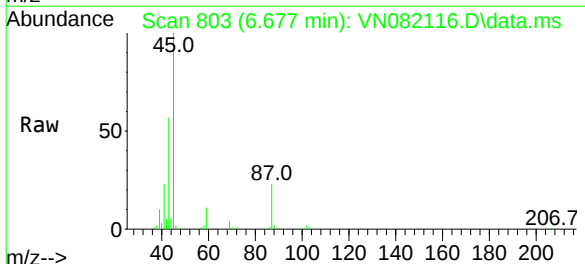
Tgt Ion: 96 Resp: 45668
Ion Ratio Lower Upper
96 100
61 136.2 111.8 167.6
98 63.3 49.2 73.8

Manual Integrations
APPROVED

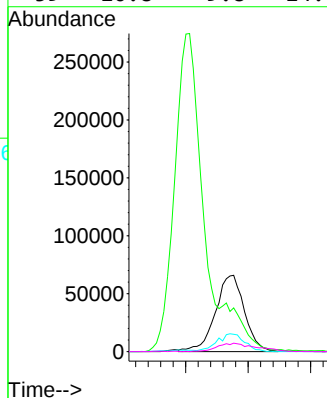
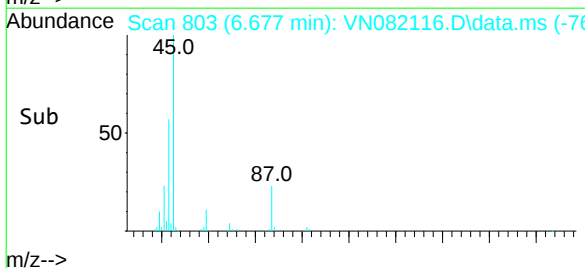
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

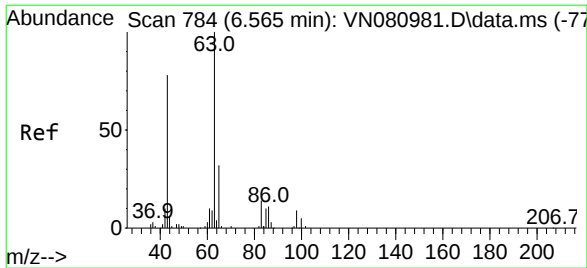


#20
Diisopropyl ether
Concen: 15.003 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24



Tgt Ion: 45 Resp: 212027
Ion Ratio Lower Upper
45 100
43 54.8 40.4 60.6
87 22.7 23.8 35.8#
59 10.8 9.8 14.6





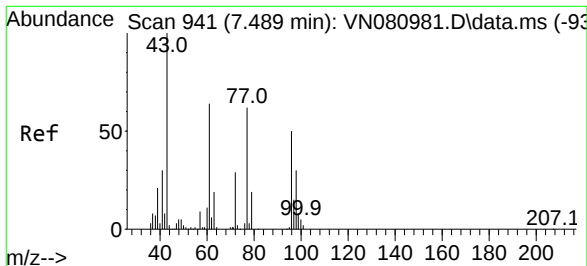
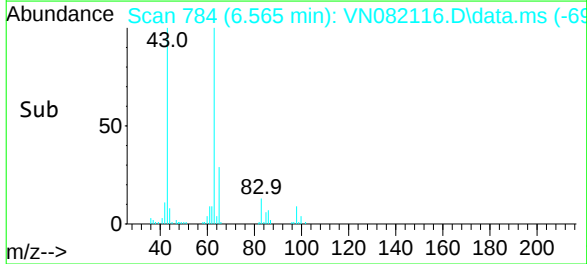
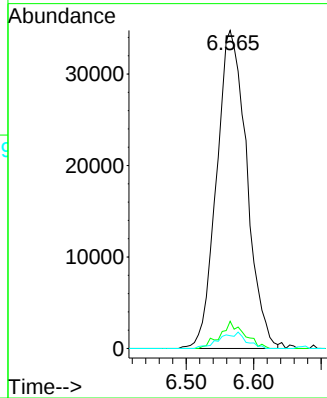
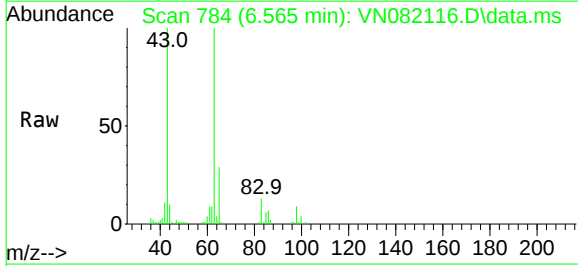
#21
1,1-Dichloroethane
Concen: 14.379 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02

Tgt Ion: 63 Resp: 107603
Ion Ratio Lower Upper
63 100
98 8.6 4.1 12.3
100 4.0 3.0 9.0

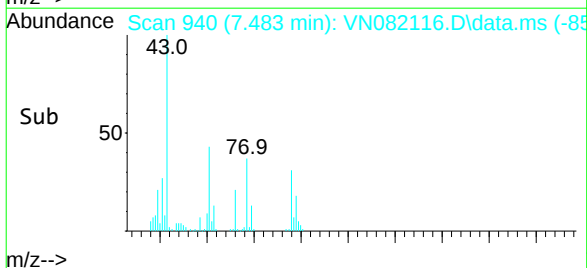
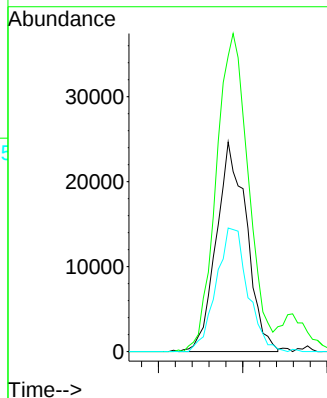
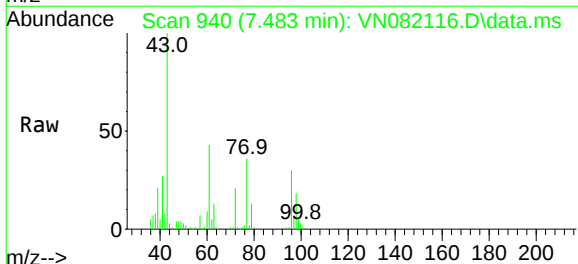
Manual Integrations
APPROVED

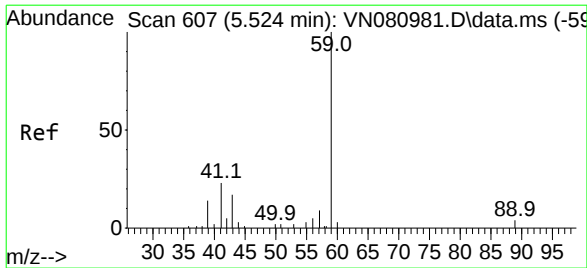
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#22
cis-1,2-Dichloroethene
Concen: 13.330 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Tgt Ion: 96 Resp: 61727
Ion Ratio Lower Upper
96 100
61 160.8 113.5 170.3
98 61.3 52.0 78.0





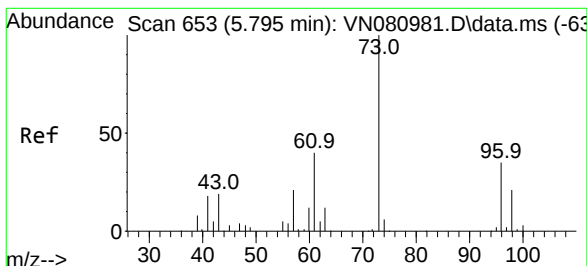
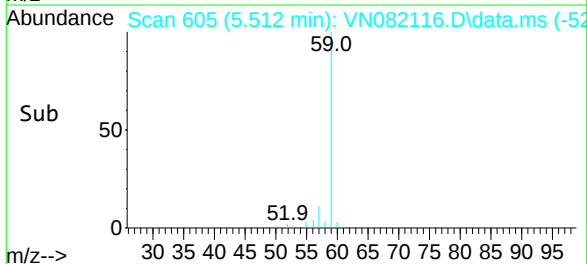
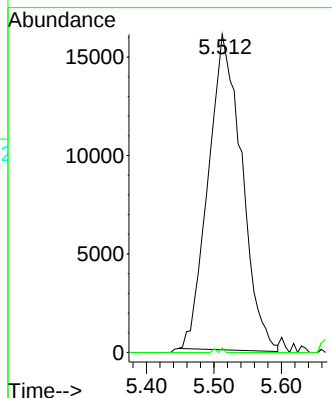
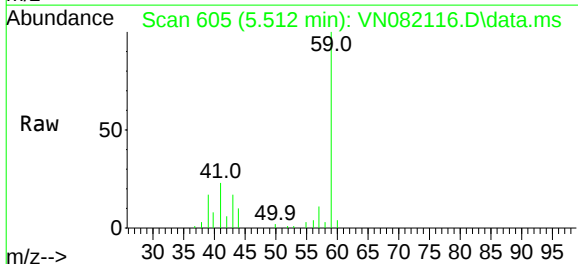
#23
tert-Butyl Alcohol
Concen: 64.639 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02

Tgt Ion: 59 Resp: 55369
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#

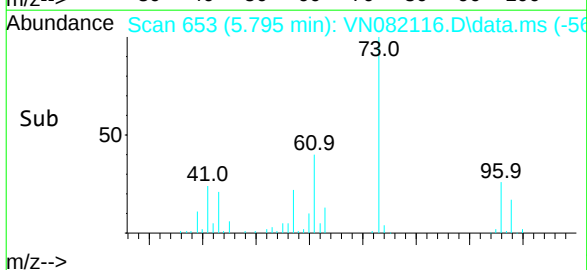
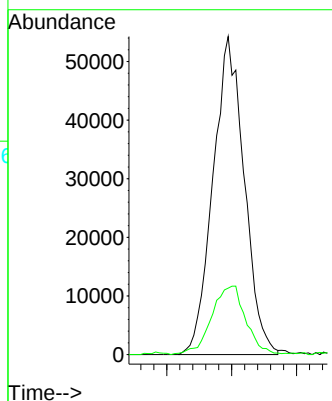
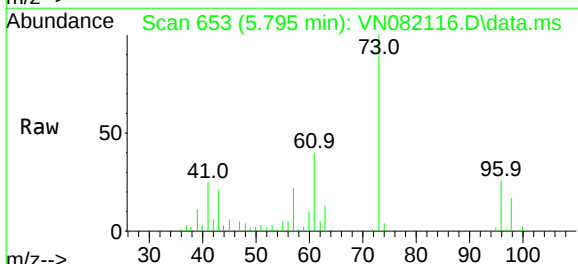
Manual Integrations
APPROVED

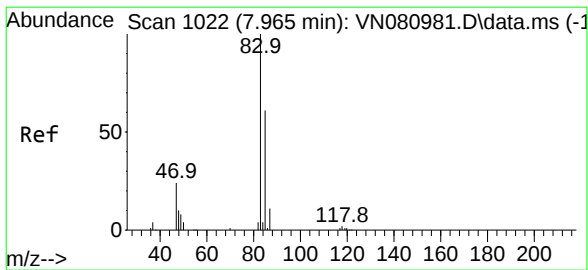
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#24
Methyl tert-Butyl Ether
Concen: 13.845 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Tgt Ion: 73 Resp: 181614
Ion Ratio Lower Upper
73 100
43 22.1 13.4 20.2#





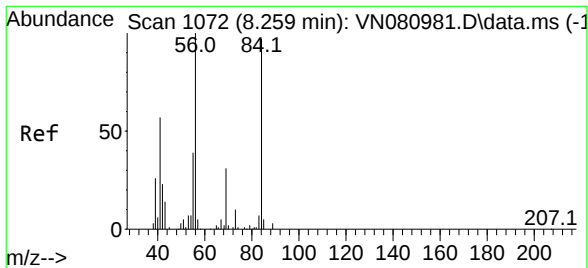
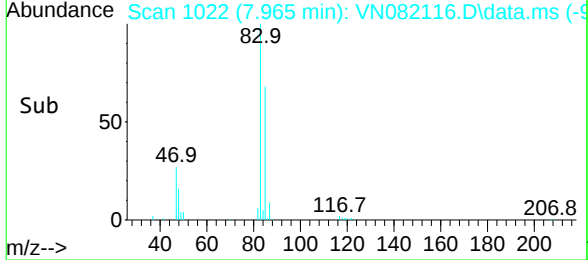
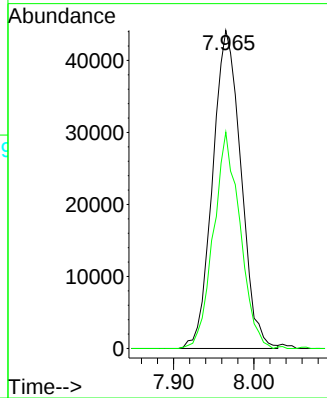
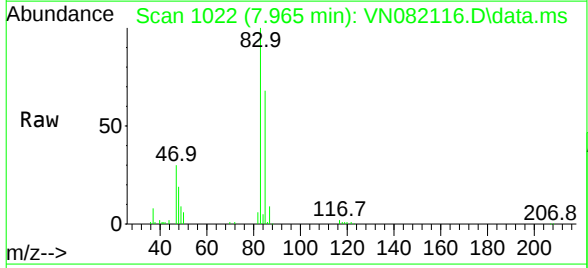
#25
Chloroform
Concen: 15.006 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02

Tgt Ion: 83 Resp: 108031
Ion Ratio Lower Upper
83 100
85 68.0 50.9 76.3

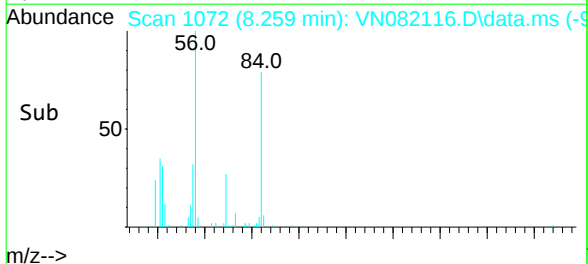
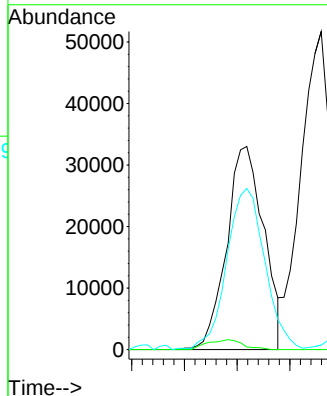
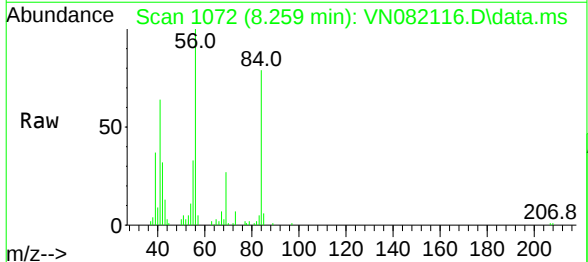
Manual Integrations
APPROVED

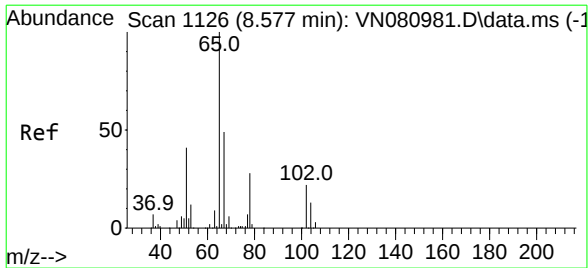
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#26
Cyclohexane
Concen: 12.559 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Tgt Ion: 56 Resp: 80788
Ion Ratio Lower Upper
56 100
89 4.4 19.3 28.9#
84 81.4 71.3 106.9





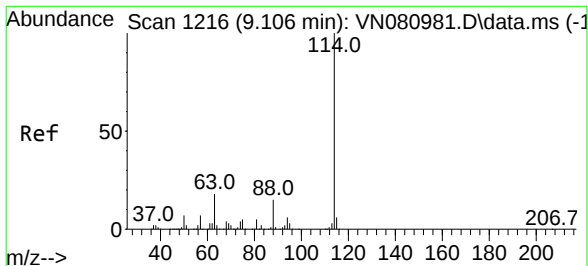
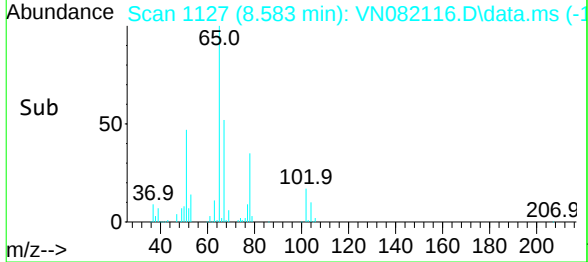
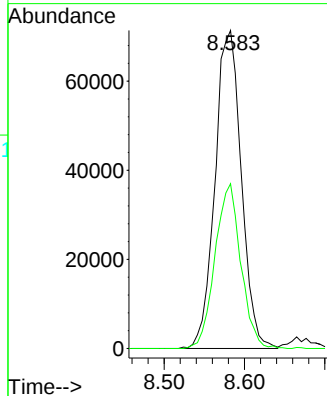
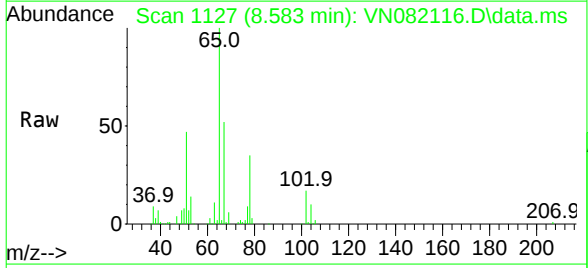
#27
1,2-Dichloroethane-d4
Concen: 32.493 ug/l
RT: 8.583 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02

Tgt Ion: 65 Resp: 162171
Ion Ratio Lower Upper
65 100
67 50.6 43.2 64.8

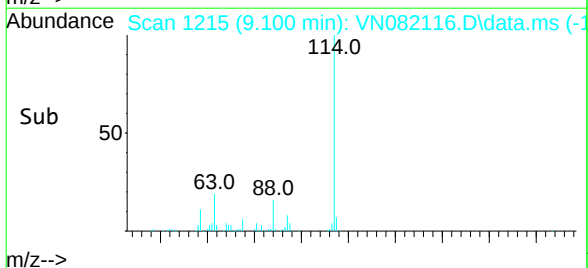
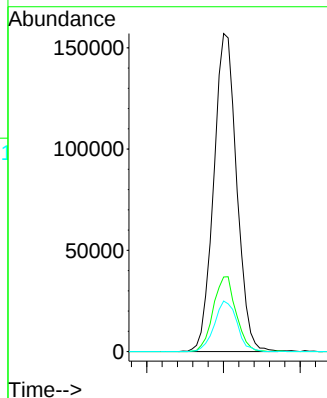
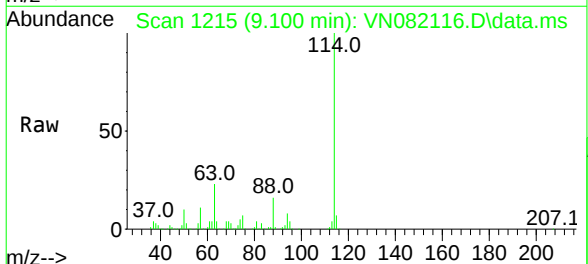
Manual Integrations
APPROVED

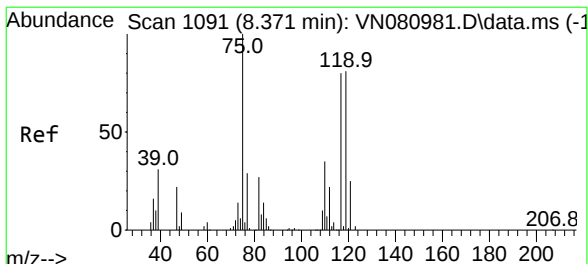
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Tgt Ion:114 Resp: 326981
Ion Ratio Lower Upper
114 100
63 23.3 15.9 23.9
88 15.7 12.7 19.1





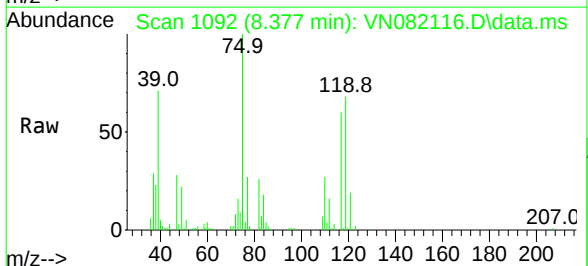
#29
 1,1-Dichloropropene
 Concen: 14.387 ug/l
 RT: 8.377 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN082116.D
 Acq: 14 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

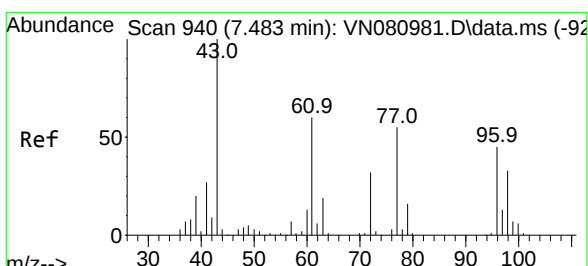
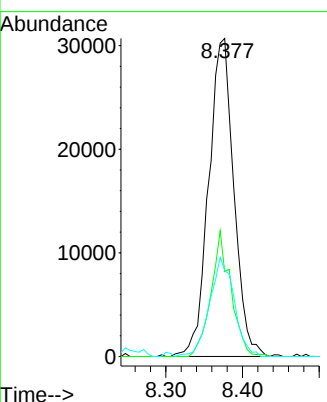
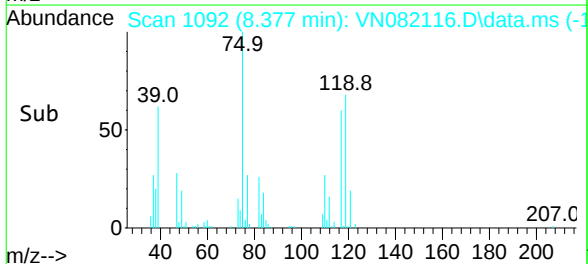
VN0514WBS02



Tgt Ion:	75	Resp:	70035
Ion	Ratio	Lower	Upper
75	100		
110	31.2	0.0	70.2
77	30.2	0.0	61.4

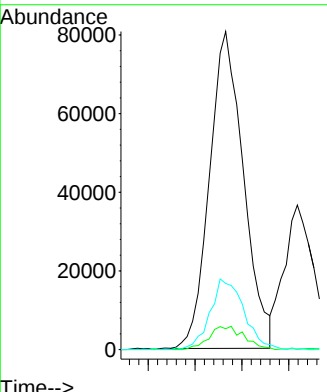
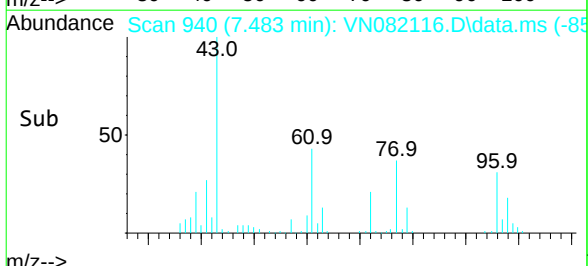
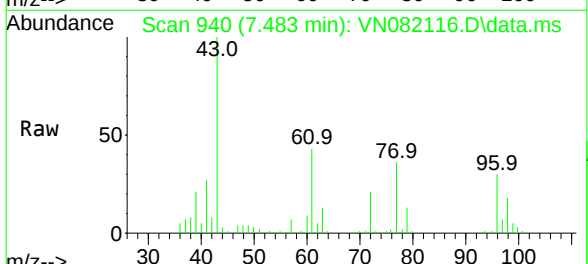
Manual Integrations
 APPROVED

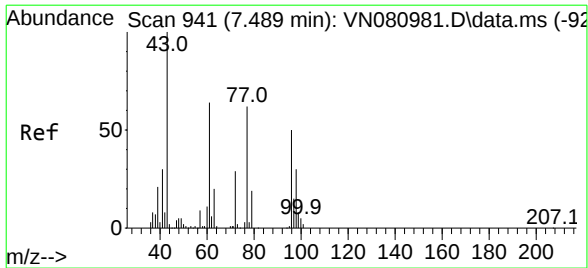
Reviewed By :John Carlone 05/15/2024
 Supervised By :Mahesh Dadoda 05/15/2024



#30
 2-Butanone
 Concen: 81.152 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN082116.D
 Acq: 14 May 2024 15:24

Tgt Ion:	43	Resp:	203633
Ion	Ratio	Lower	Upper
43	100		
57	4.0	6.7	10.1#
72	22.1	24.0	36.0#





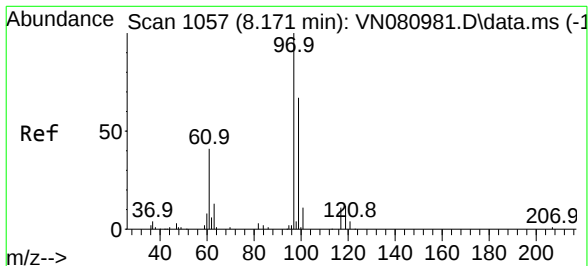
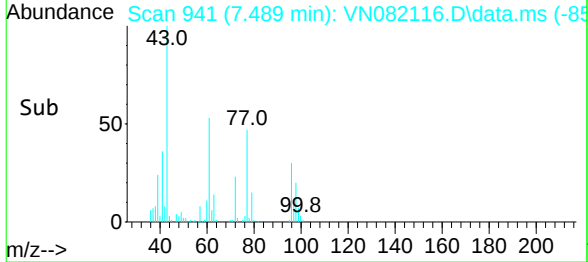
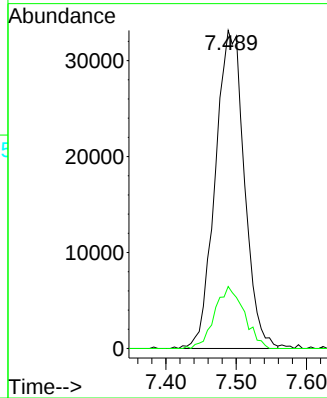
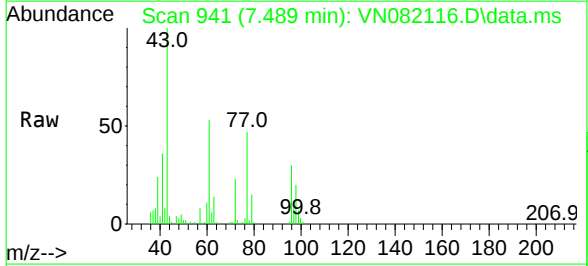
#31
2,2-Dichloropropane
Concen: 19.098 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02

Tgt Ion: 77 Resp: 95272
Ion Ratio Lower Upper
77 100
97 19.7 18.3 27.5

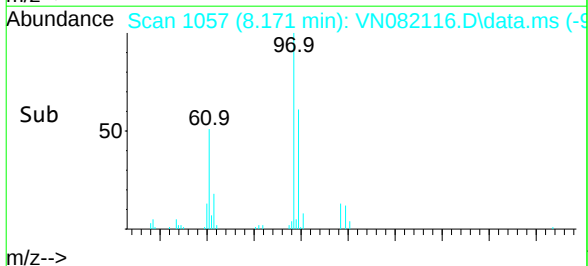
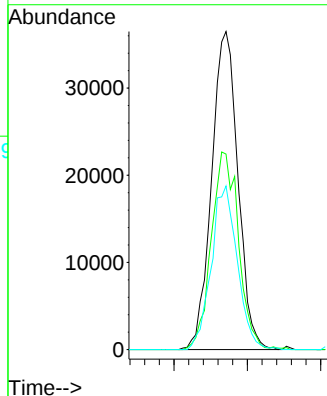
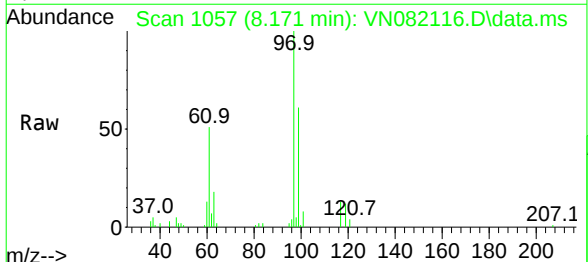
Manual Integrations
APPROVED

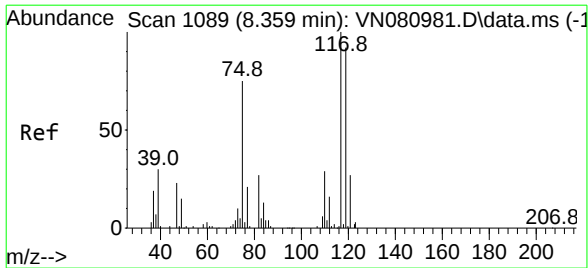
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#32
1,1,1-Trichloroethane
Concen: 16.262 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

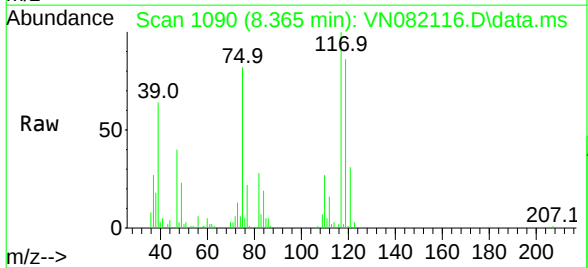
Tgt Ion: 97 Resp: 91043
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 50.7 33.8 50.8





#33
Carbon Tetrachloride
Concen: 16.108 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

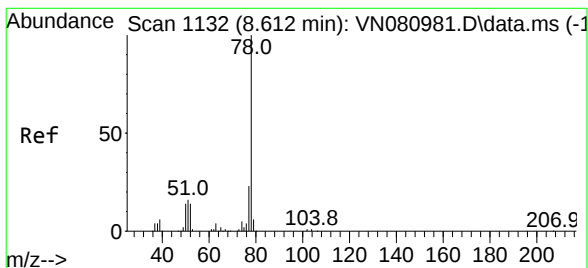
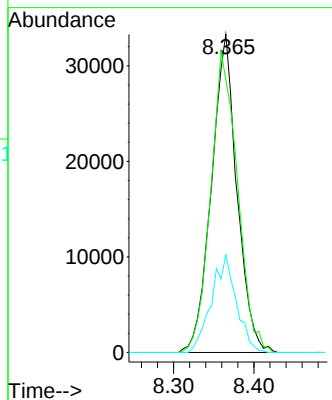
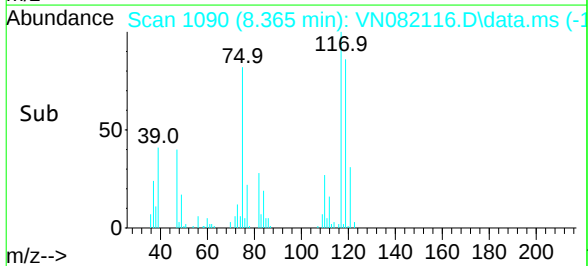
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02



Tgt Ion:117 Resp: 73190
Ion Ratio Lower Upper
117 100
119 85.8 77.7 116.5
121 30.6 27.0 40.6

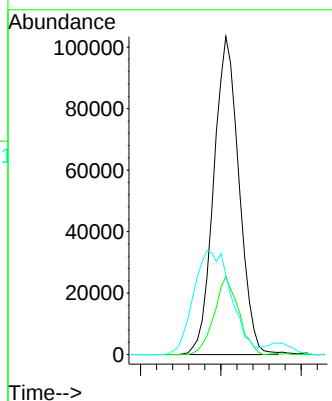
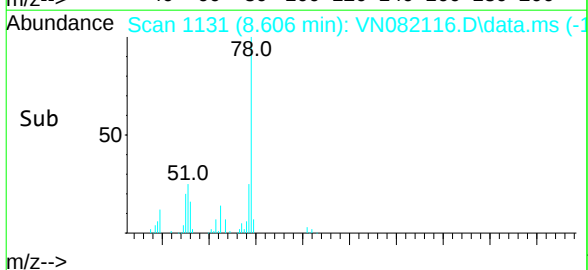
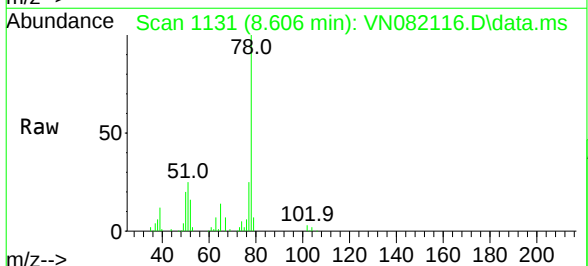
Manual Integrations
APPROVED

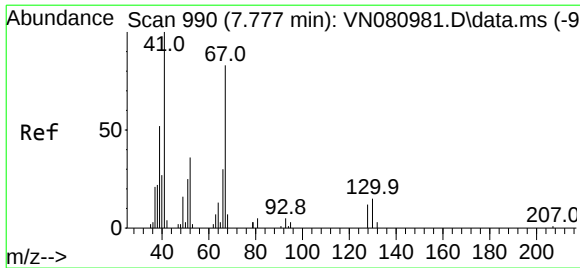
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#34
Benzene
Concen: 14.569 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

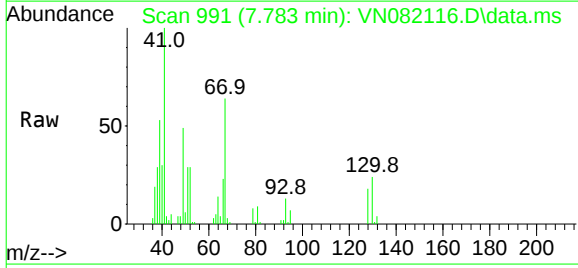
Tgt Ion: 78 Resp: 226252
Ion Ratio Lower Upper
78 100
77 24.5 19.2 28.8
51 22.6 13.3 19.9#





#35
Methacrylonitrile
Concen: 15.442 ug/l
RT: 7.783 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

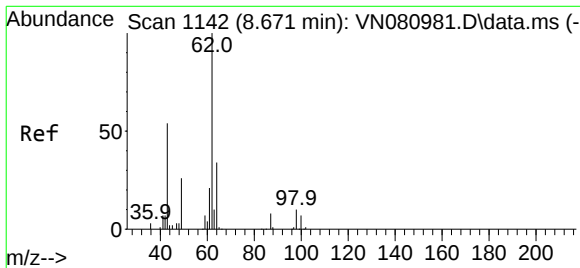
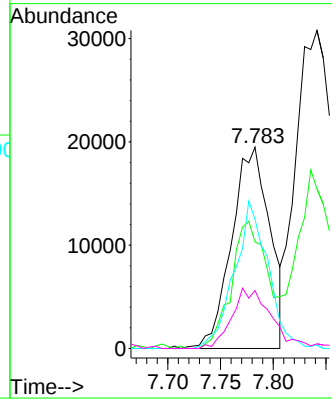
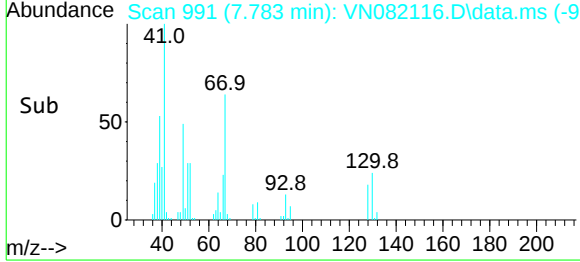
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02



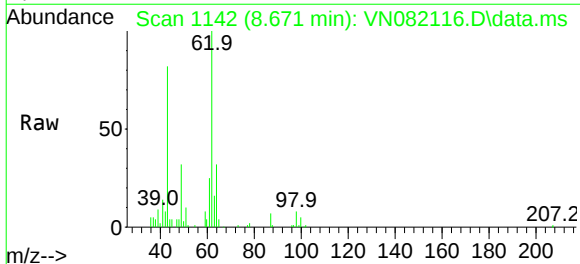
Tgt Ion: 41 Resp: 49023
Ion Ratio Lower Upper
41 100
39 51.8 25.3 75.9
67 64.2 38.7 116.1
52 28.8 13.6 40.8

Manual Integrations
APPROVED

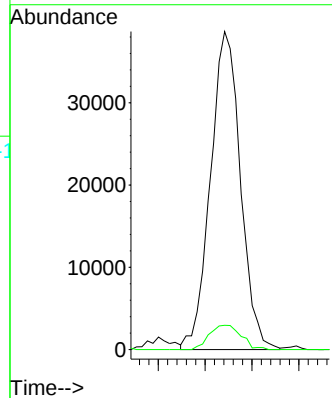
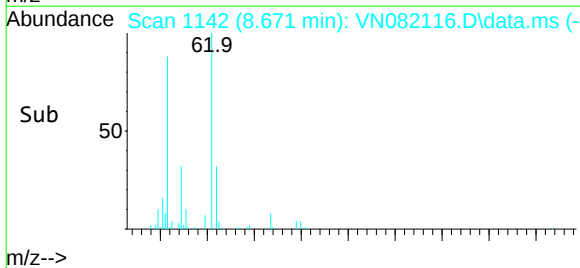
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

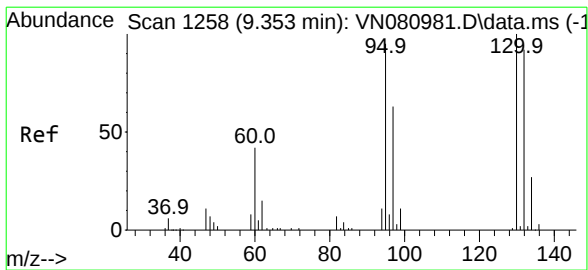


#36
1,2-Dichloroethane
Concen: 16.487 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24



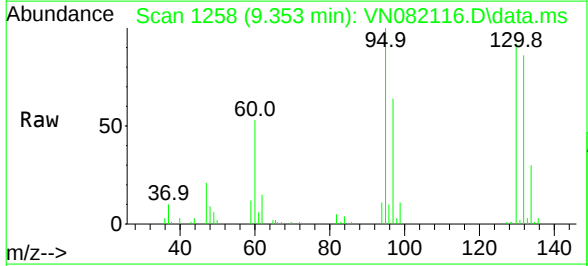
Tgt Ion: 62 Resp: 85950
Ion Ratio Lower Upper
62 100
98 8.0 8.2 12.4#





#37
 Trichloroethene
 Concen: 12.910 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. 0.000 min
 Lab File: VN082116.D
 Acq: 14 May 2024 15:24

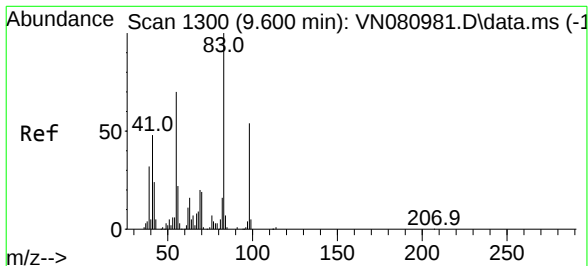
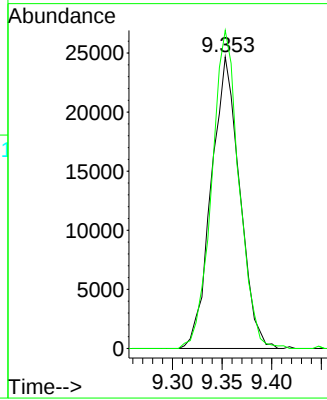
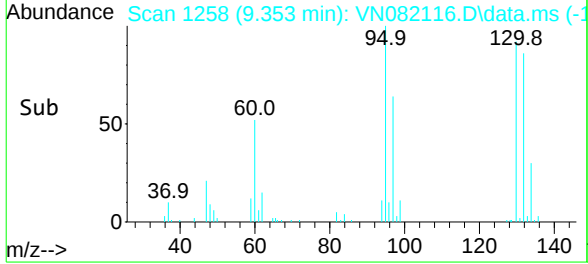
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0514WBS02



Tgt Ion: 130 Resp: 49108
 Ion Ratio Lower Upper
 130 100
 95 109.1 80.2 120.4

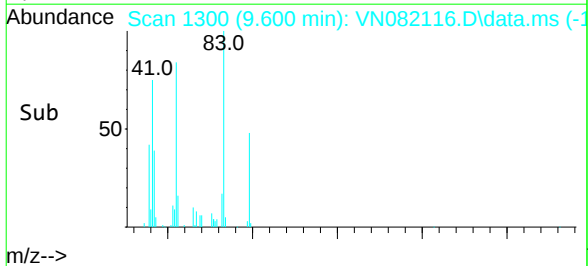
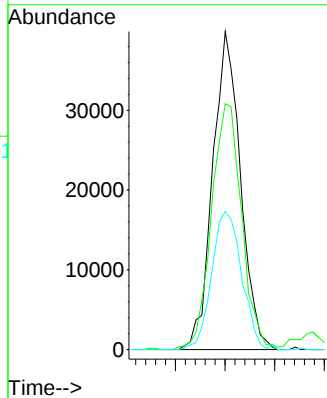
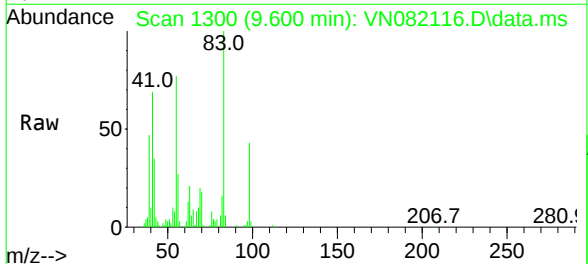
Manual Integrations
 APPROVED

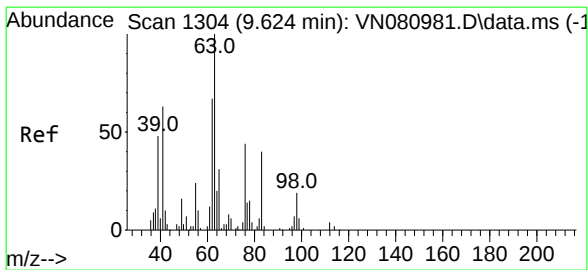
Reviewed By : John Carlone 05/15/2024
 Supervised By : Mahesh Dadoda 05/15/2024



#38
 Methylcyclohexane
 Concen: 13.202 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. 0.000 min
 Lab File: VN082116.D
 Acq: 14 May 2024 15:24

Tgt Ion: 83 Resp: 77635
 Ion Ratio Lower Upper
 83 100
 55 83.6 36.6 109.9
 98 46.6 23.8 71.5





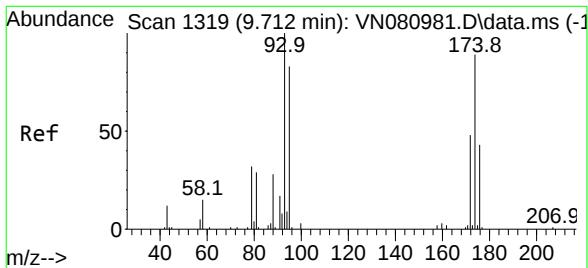
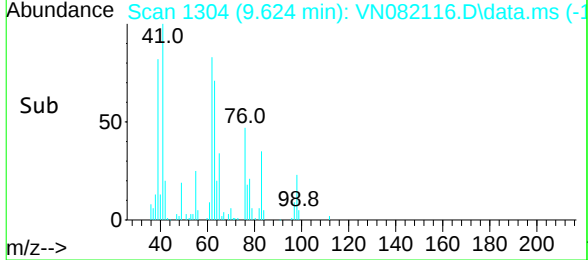
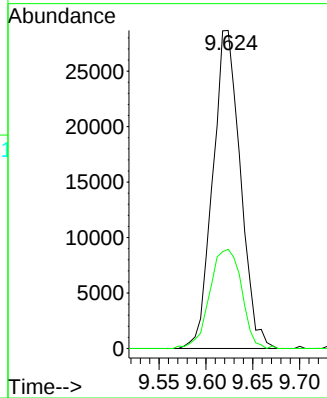
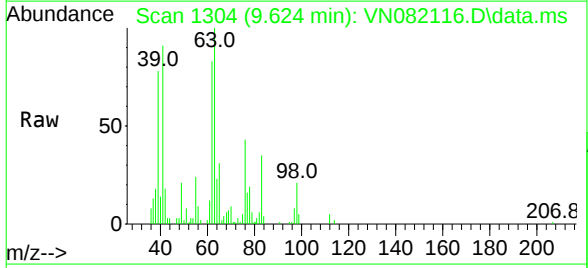
#39
1,2-Dichloropropane
Concen: 14.751 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02

Tgt Ion: 63 Resp: 58780
Ion Ratio Lower Upper
63 100
65 31.2 25.0 37.4

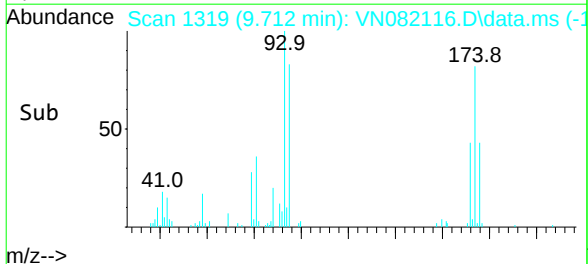
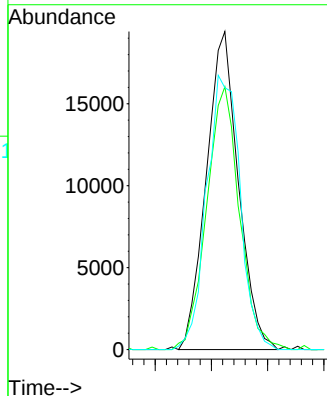
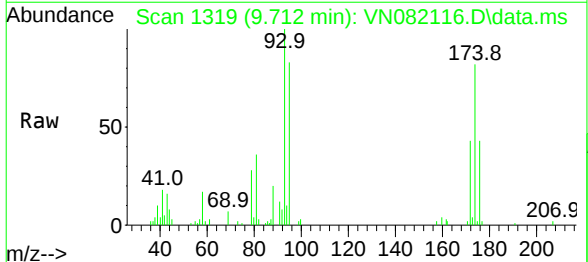
Manual Integrations
APPROVED

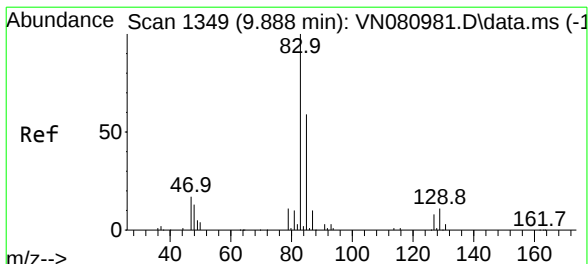
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#40
Dibromomethane
Concen: 15.033 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Tgt Ion: 93 Resp: 38483
Ion Ratio Lower Upper
93 100
95 84.6 0.0 164.6
174 89.9 0.0 193.2





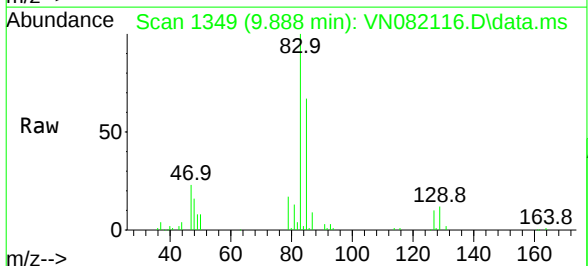
#41
 Bromodichloromethane
 Concen: 15.417 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. 0.000 min
 Lab File: VN082116.D
 Acq: 14 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

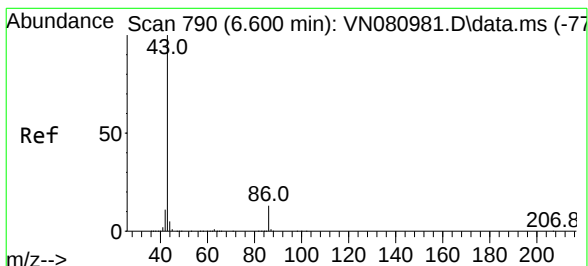
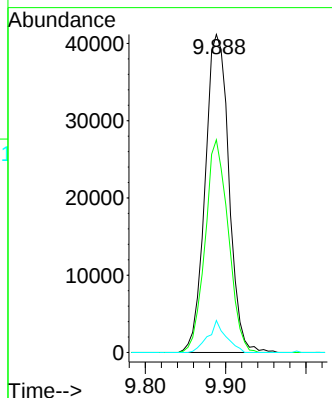
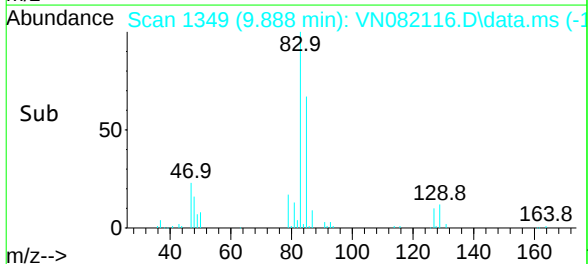
VN0514WBS02



Tgt Ion:	83	Resp:	84356
Ion	Ratio	Lower	Upper
83	100		
85	66.9	49.4	74.2
127	10.8	7.3	10.9

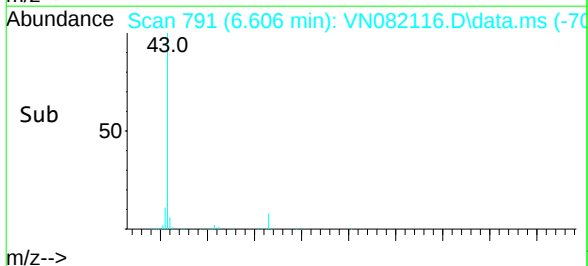
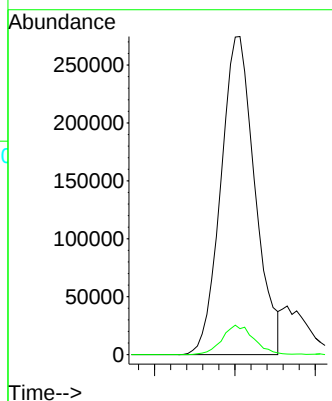
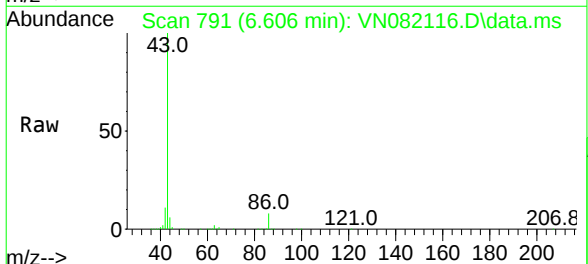
Manual Integrations
 APPROVED

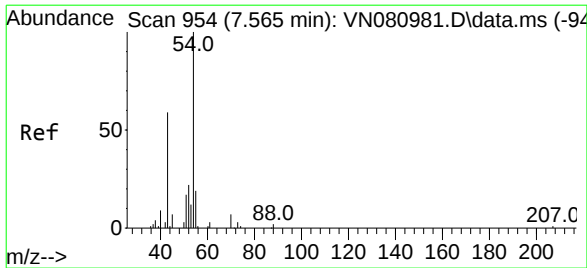
Reviewed By :John Carlone 05/15/2024
 Supervised By :Mahesh Dadoda 05/15/2024



#42
 Vinyl Acetate
 Concen: 75.855 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082116.D
 Acq: 14 May 2024 15:24

Tgt Ion:	43	Resp:	810167
Ion	Ratio	Lower	Upper
43	100		
86	8.6	9.4	14.2





#43

Ethyl Acetate

Concen: 14.240 ug/l

RT: 7.559 min Scan# 954

Delta R.T. -0.006 min

Lab File: VN082116.D

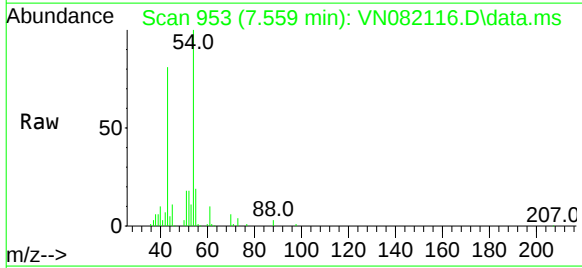
Acq: 14 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0514WBS02



Tgt Ion: 43 Resp: 78176

Ion Ratio Lower Upper

43 100

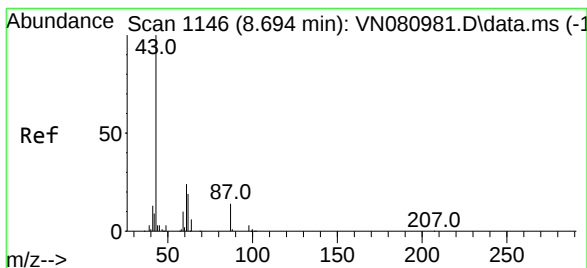
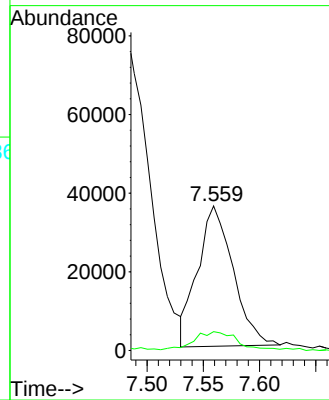
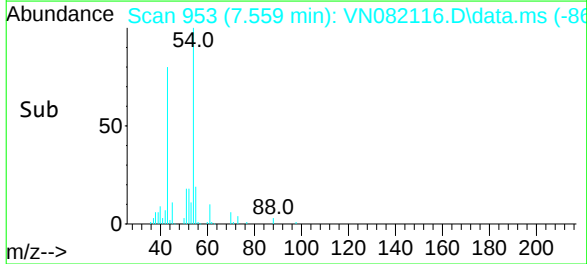
45 14.7 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#44

Isopropyl Acetate

Concen: 16.392 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082116.D

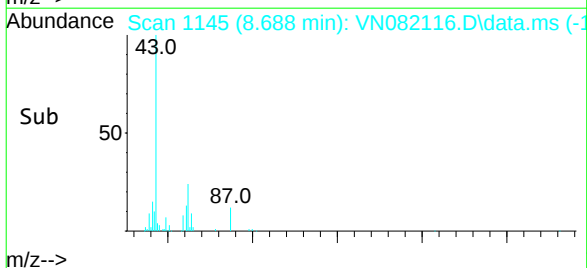
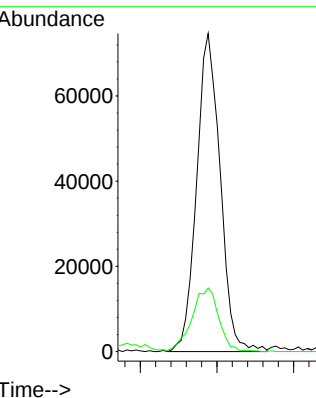
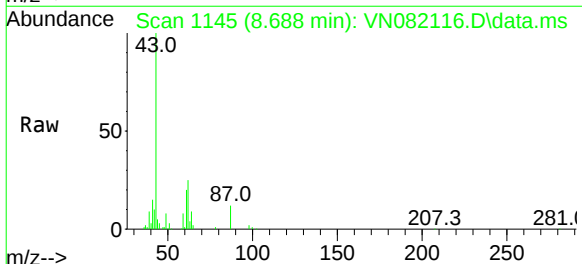
Acq: 14 May 2024 15:24

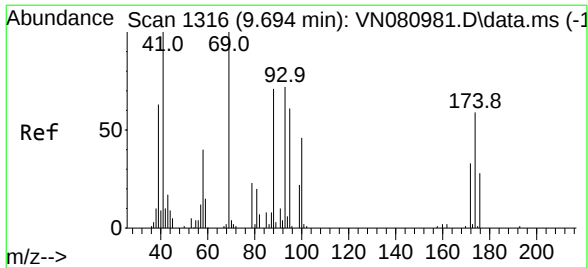
Tgt Ion: 43 Resp: 159197

Ion Ratio Lower Upper

43 100

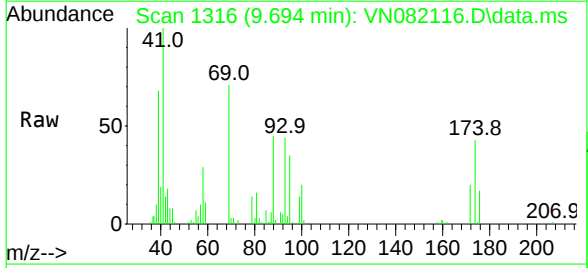
61 22.2 25.0 37.4#





#45
1,4-Dioxane
Concen: 260.313 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

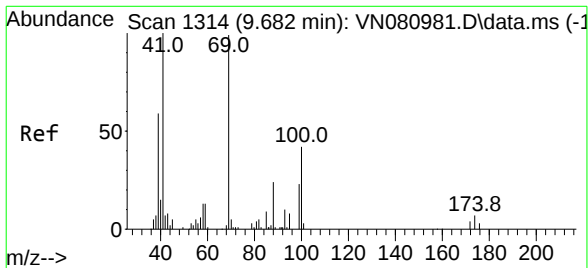
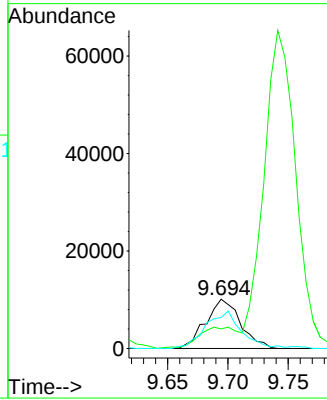
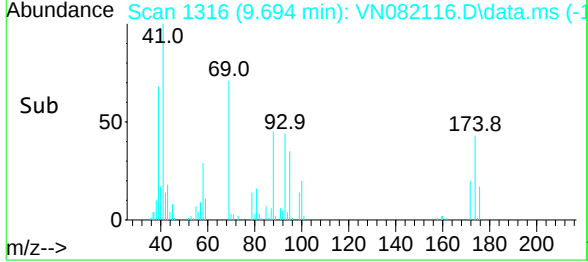
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02



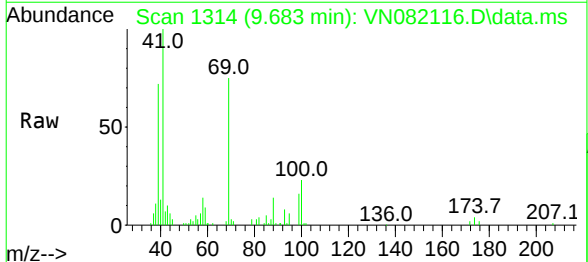
Tgt Ion: 88 Resp: 20277
Ion Ratio Lower Upper
88 100
43 49.5 19.8 29.6#
58 78.1 55.4 83.0

Manual Integrations
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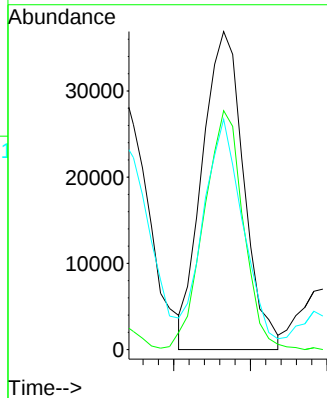
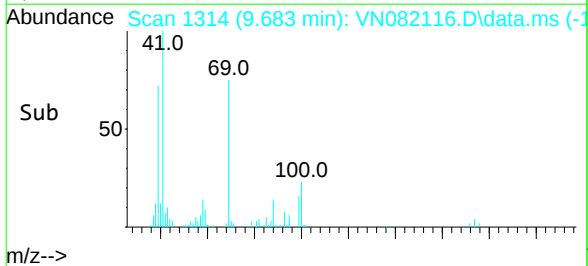
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

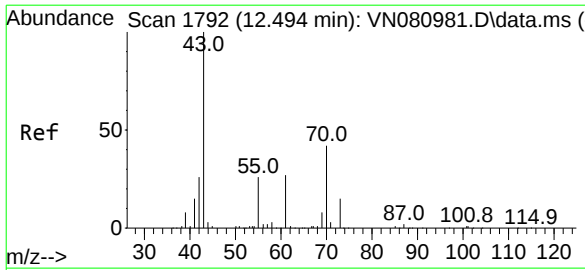


#46
Methyl methacrylate
Concen: 15.633 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24



Tgt Ion: 41 Resp: 69371
Ion Ratio Lower Upper
41 100
69 76.9 51.1 153.3
39 72.3 25.8 77.3





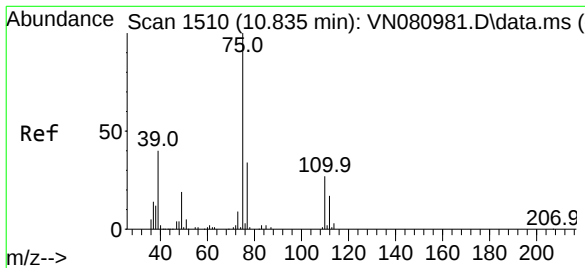
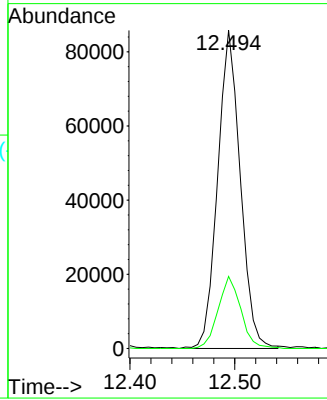
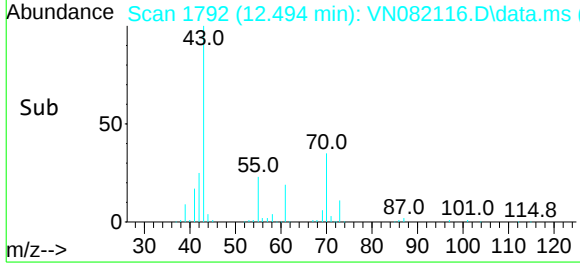
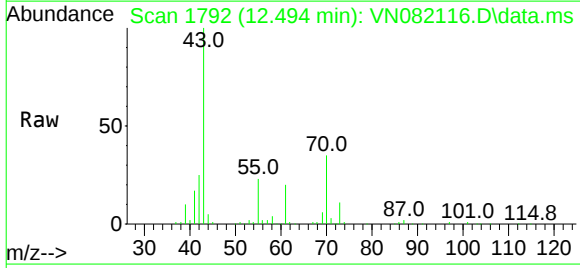
#47
n-amy1 Acetate
Concen: 14.687 ug/l m
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02

Tgt Ion: 43 Resp: 128633
Ion Ratio Lower Upper
43 100
55 0.1 23.4 35.2#

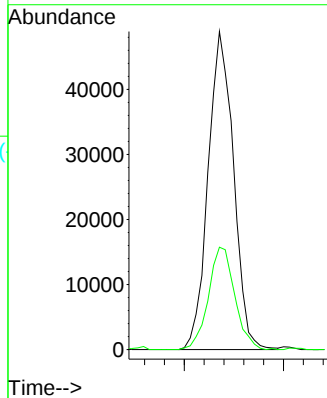
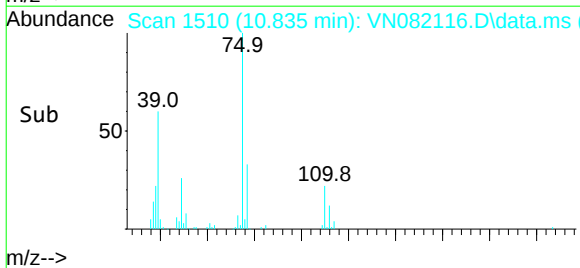
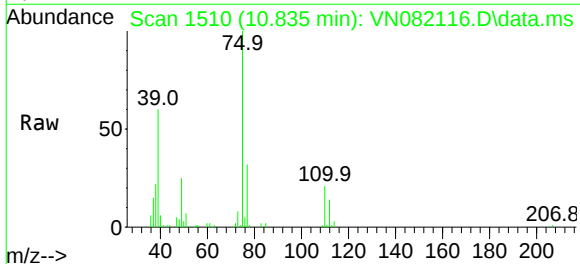
Manual Integrations
APPROVED

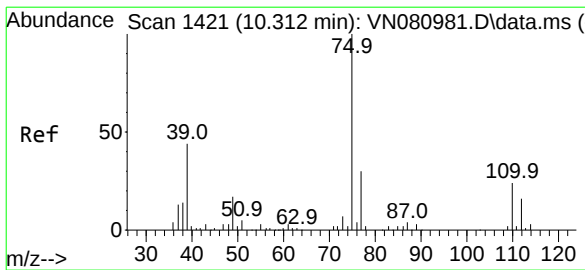
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#48
t-1,3-Dichloropropene
Concen: 14.671 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Tgt Ion: 75 Resp: 87049
Ion Ratio Lower Upper
75 100
77 32.2 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 14.704 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN082116.D

Acq: 14 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0514WBS02

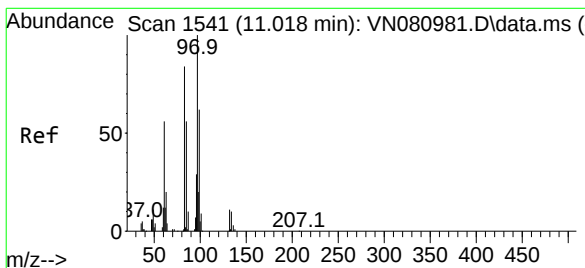
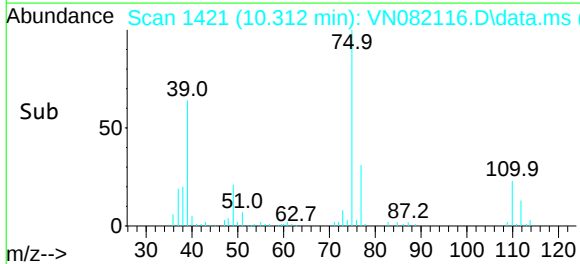
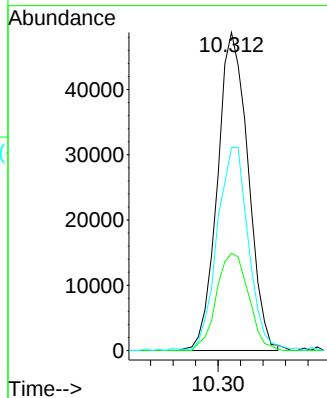
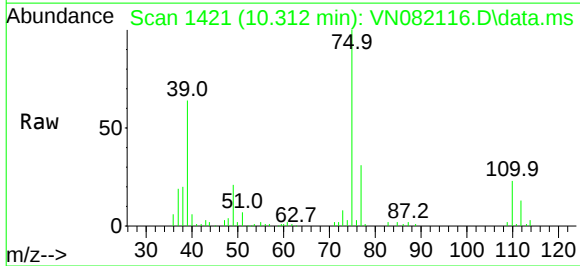
Tgt Ion:	75	Resp:	92241
Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.9	37.3
39	63.4	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#50

1,1,2-Trichloroethane

Concen: 15.125 ug/l

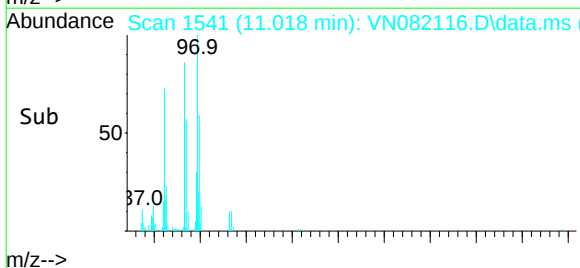
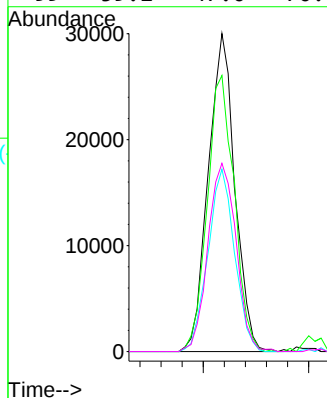
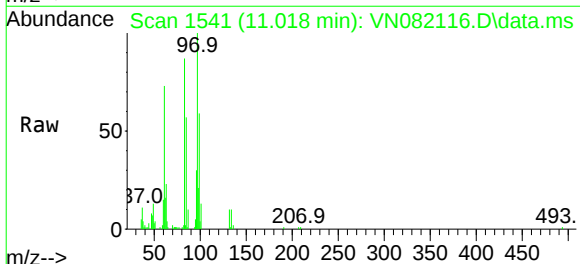
RT: 11.018 min Scan# 1541

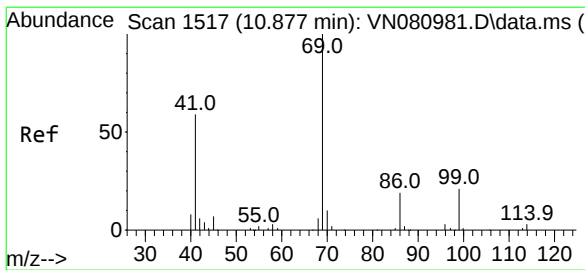
Delta R.T. 0.000 min

Lab File: VN082116.D

Acq: 14 May 2024 15:24

Tgt Ion:	97	Resp:	52528
Ion	Ratio	Lower	Upper
97	100		
83	86.8	68.1	102.1
85	57.3	41.8	62.6
99	59.2	47.0	70.4





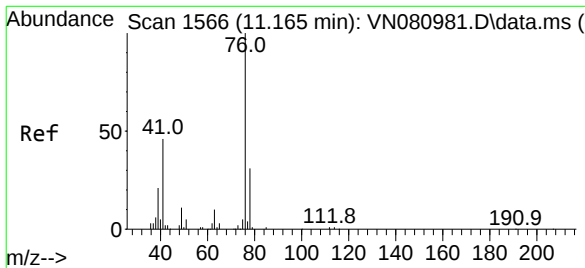
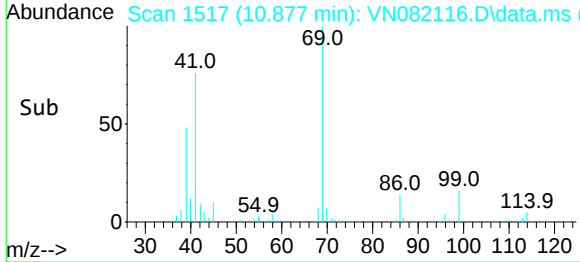
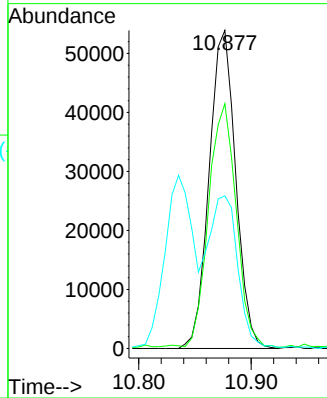
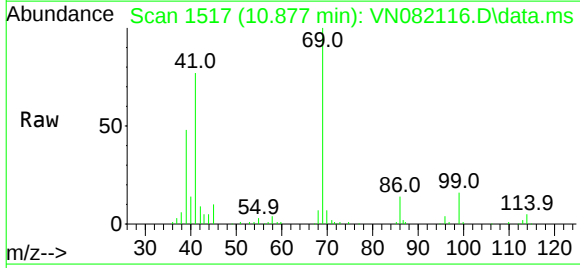
#51
Ethyl methacrylate
Concen: 13.506 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02

Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.6	25.5	76.5
39	46.3	16.0	47.9

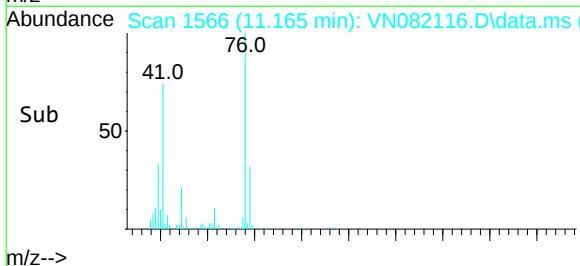
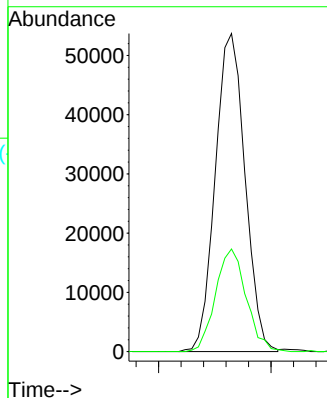
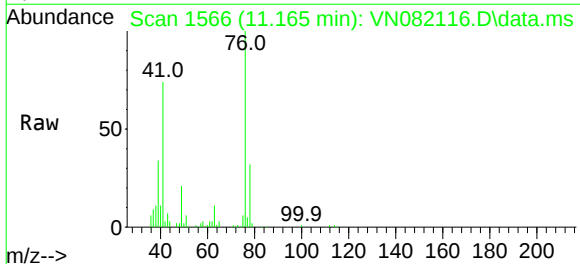
Manual Integrations
APPROVED

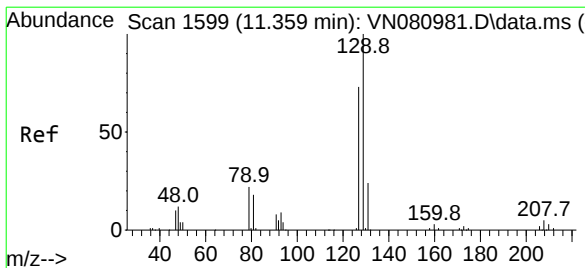
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#52
1,3-Dichloropropane
Concen: 15.469 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Tgt Ion	Ratio	Lower	Upper
76	100		
78	33.3	0.0	65.8





#53

Dibromochloromethane

Concen: 15.480 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN082116.D

Acq: 14 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0514WBS02

Tgt Ion:129 Resp: 58495

Ion Ratio Lower Upper

129 100

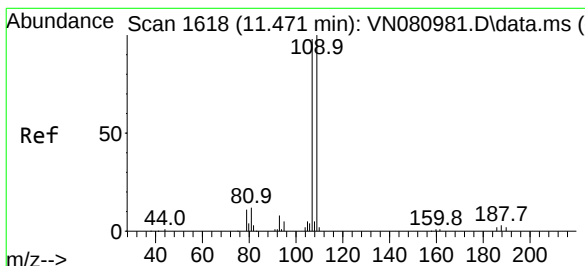
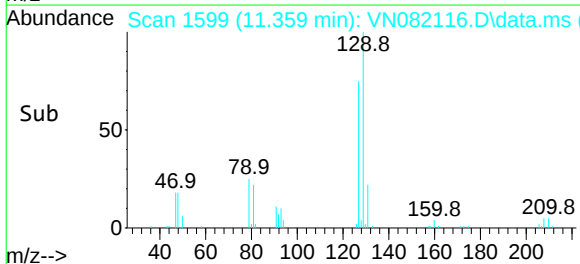
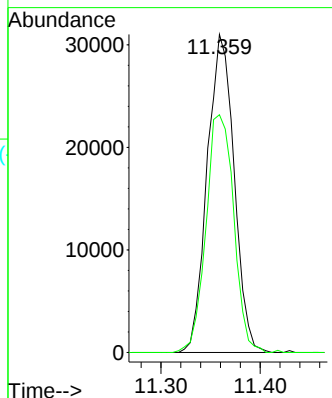
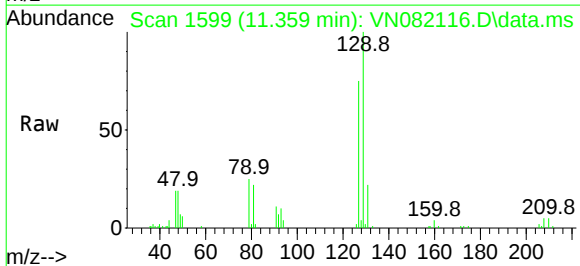
127 77.0 39.4 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#54

1,2-Dibromoethane

Concen: 14.979 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VN082116.D

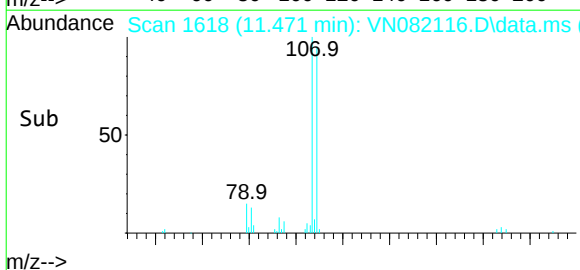
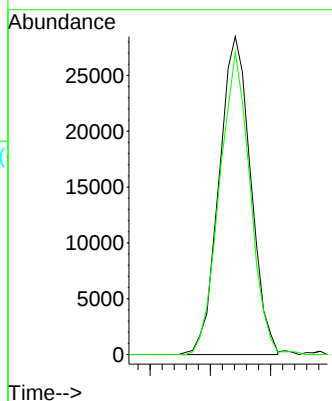
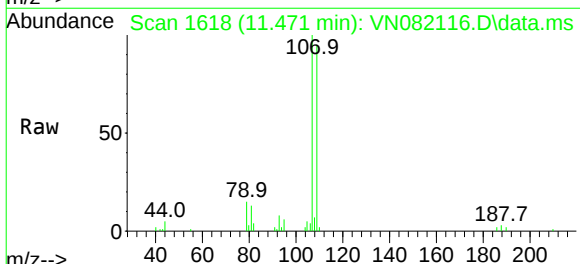
Acq: 14 May 2024 15:24

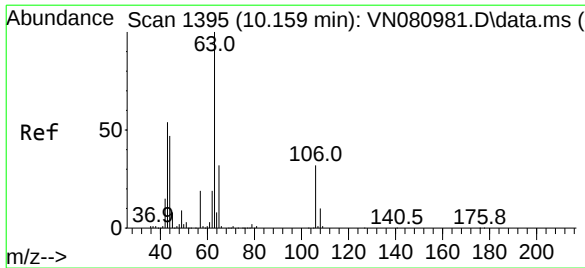
Tgt Ion:107 Resp: 51882

Ion Ratio Lower Upper

107 100

109 91.6 74.7 112.1





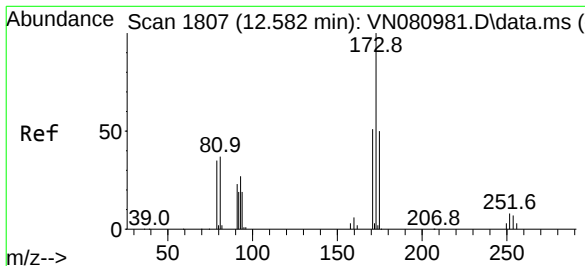
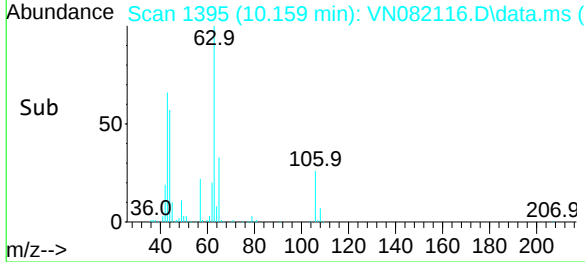
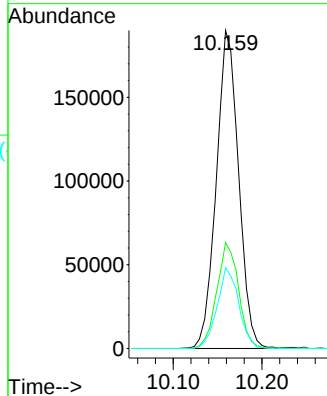
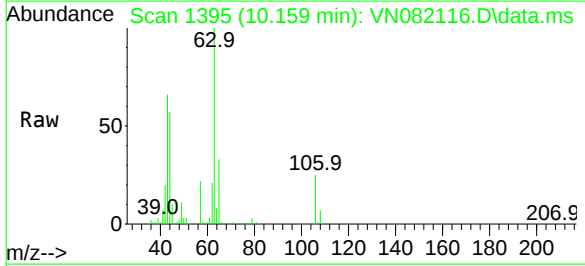
#55
2-Chloroethyl vinyl ether
Concen: 101.123 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02

Tgt Ion: 63 Resp: 331456
Ion Ratio Lower Upper
63 100
65 32.6 26.2 39.2
106 24.6 23.8 35.8

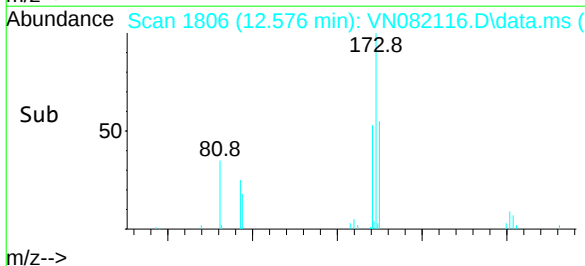
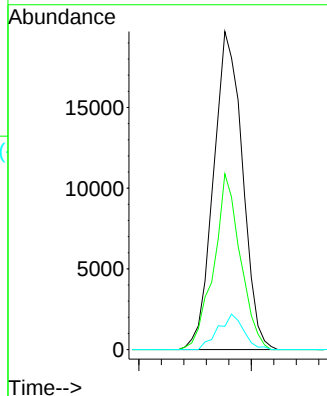
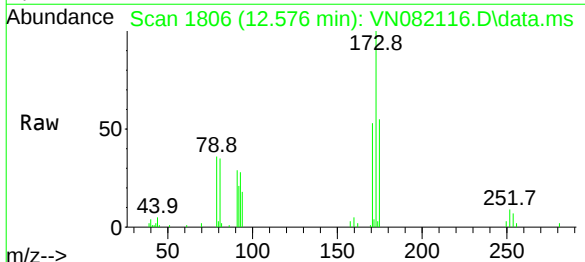
Manual Integrations
APPROVED

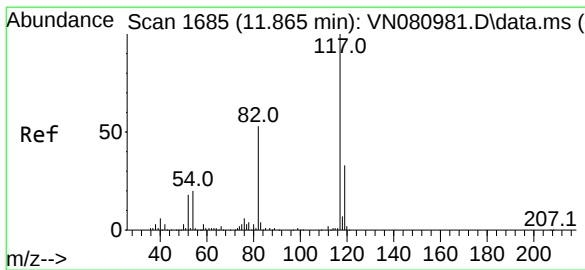
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#56
Bromoform
Concen: 15.350 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Tgt Ion:173 Resp: 35302
Ion Ratio Lower Upper
173 100
175 50.6 40.0 60.0
254 9.8 8.3 12.5





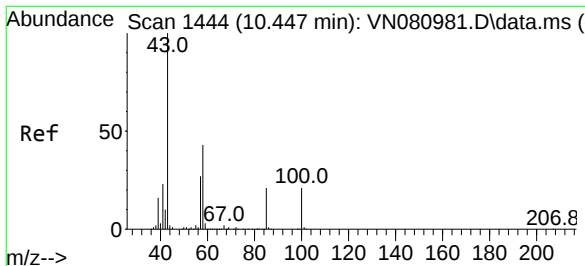
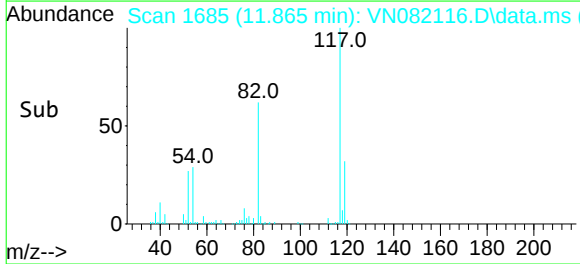
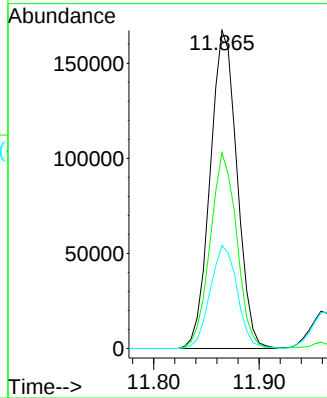
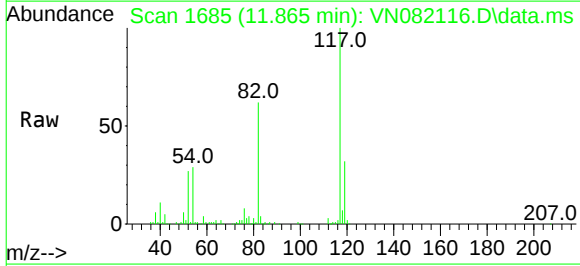
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02

Tgt Ion:	117	Resp:	296360
Ion	Ratio	Lower	Upper
117	100		
82	61.0	46.6	69.8
119	32.5	25.4	38.2

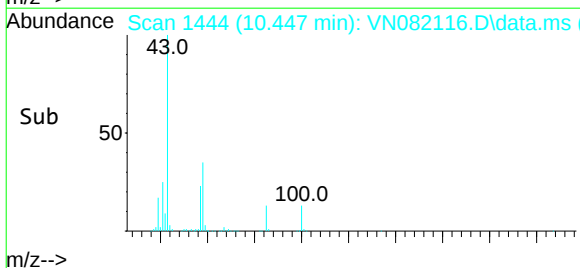
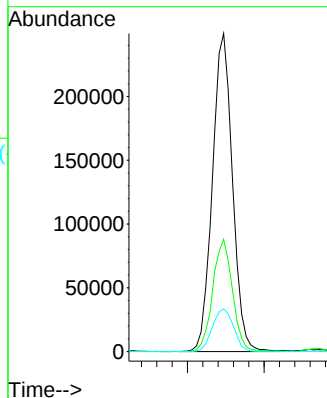
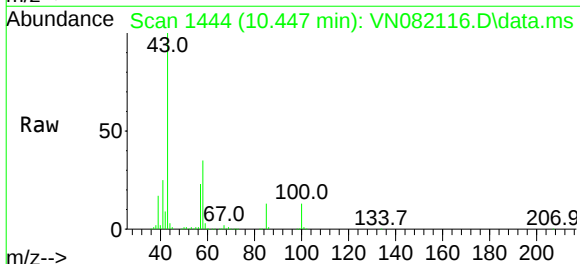
Manual Integrations
APPROVED

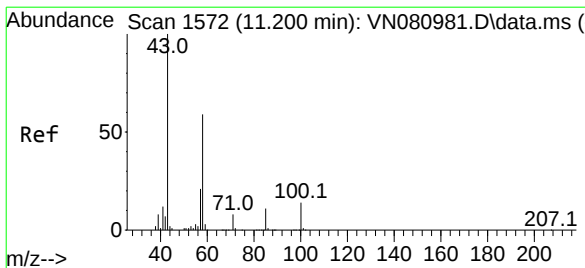
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#58
4-Methyl-2-Pentanone
Concen: 78.751 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

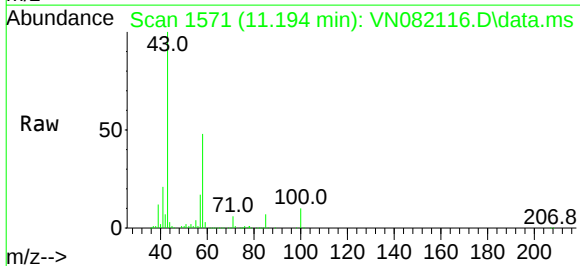
Tgt Ion:	43	Resp:	453146
Ion	Ratio	Lower	Upper
43	100		
58	34.7	36.5	54.7#
85	14.1	19.5	29.3#





#59
2-Hexanone
Concen: 80.111 ug/l m
RT: 11.194 min Scan# 1572
Delta R.T. -0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

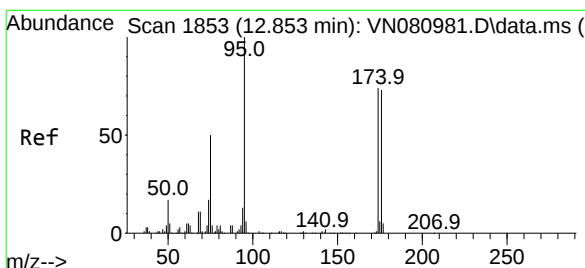
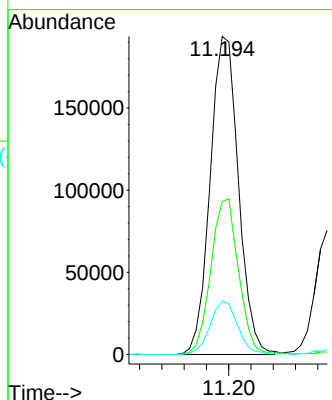
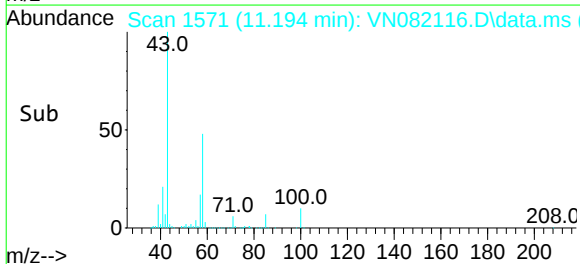
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02



Tgt Ion: 43 Resp: 341798
Ion Ratio Lower Upper
43 100
58 1.2 50.4 75.6#
57 0.4 18.6 27.8#

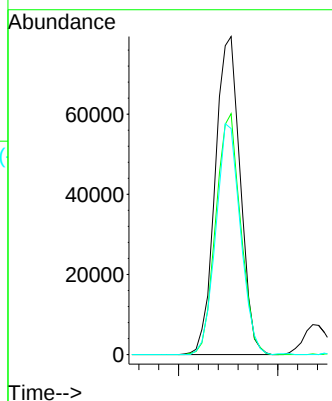
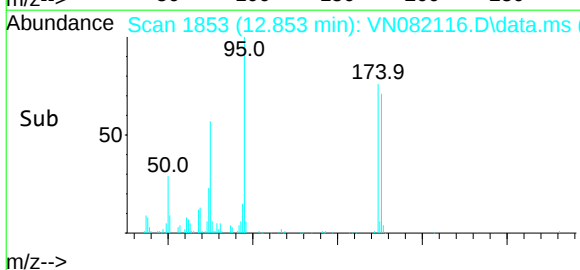
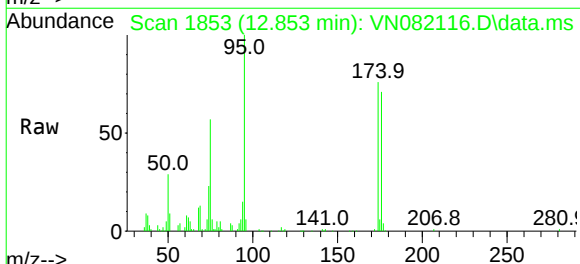
Manual Integrations
APPROVED

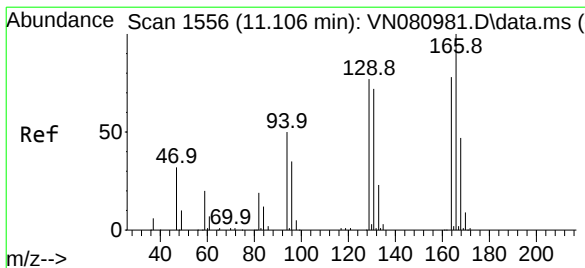
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#60
4-Bromofluorobenzene
Concen: 28.204 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Tgt Ion: 95 Resp: 139103
Ion Ratio Lower Upper
95 100
174 74.8 60.5 90.7
176 71.1 57.8 86.6





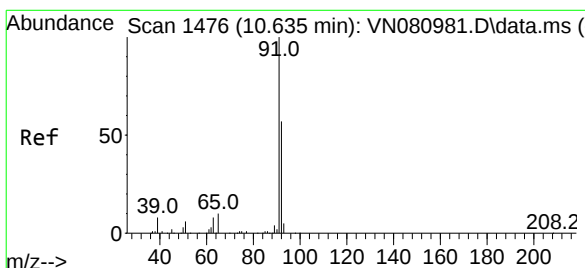
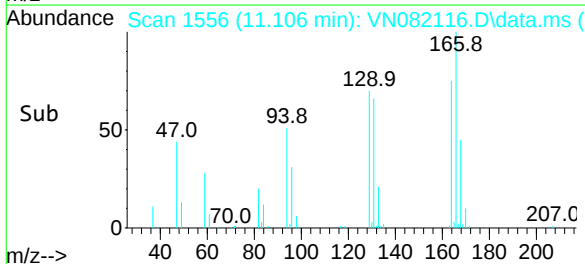
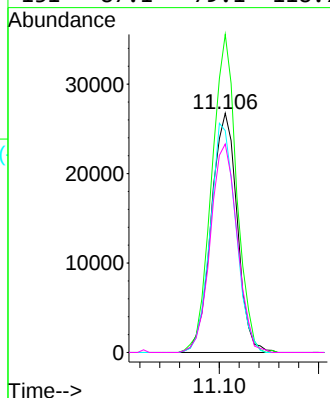
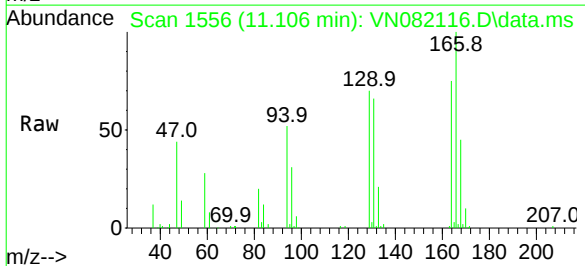
#61
Tetrachloroethene
Concen: 14.741 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02

Tgt Ion:164 Resp: 48474
Ion Ratio Lower Upper
164 100
166 132.9 106.7 160.1
129 92.7 85.8 128.6
131 87.1 79.1 118.7

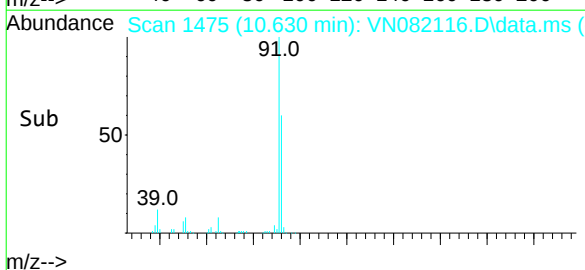
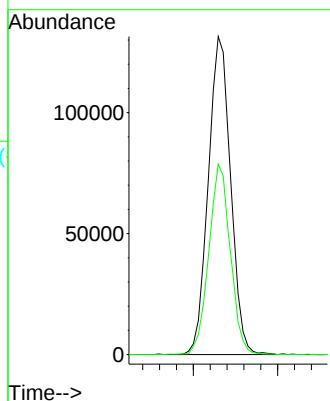
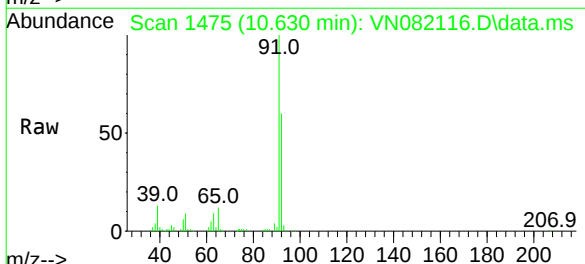
Manual Integrations
APPROVED

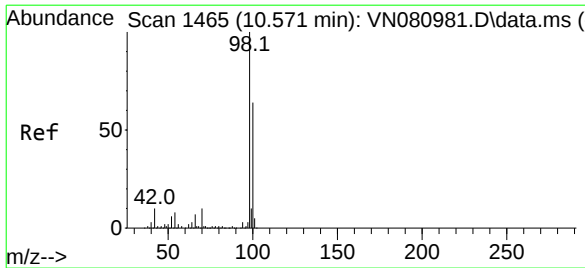
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#62
Toluene
Concen: 14.508 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

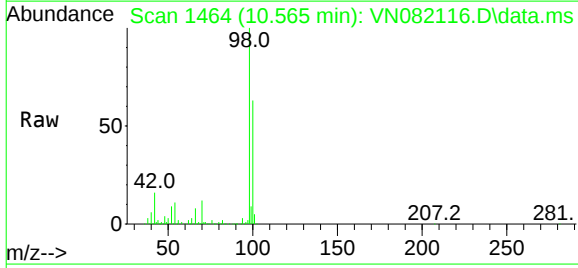
Tgt Ion: 91 Resp: 241914
Ion Ratio Lower Upper
91 100
92 57.2 46.5 69.7





#63
Toluene-d8
Concen: 30.331 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

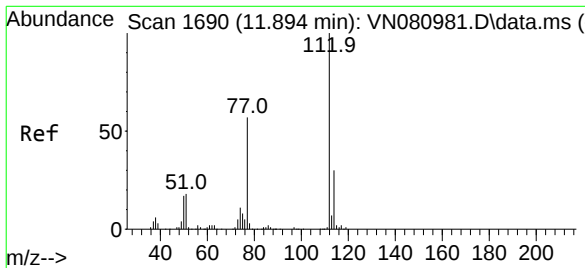
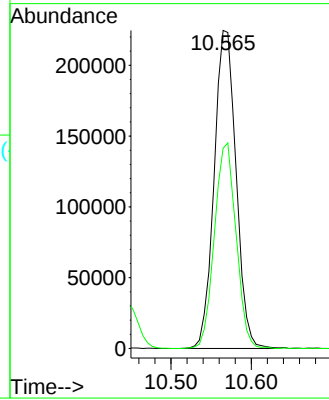
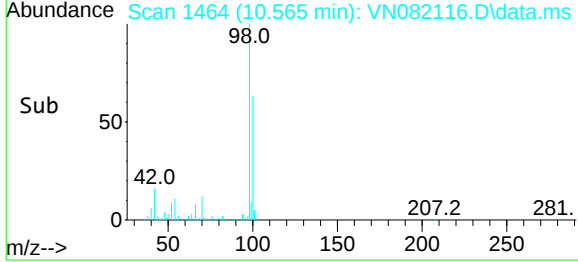
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02



Tgt Ion: 98 Resp: 426892
Ion Ratio Lower Upper
98 100
100 63.6 52.7 79.1

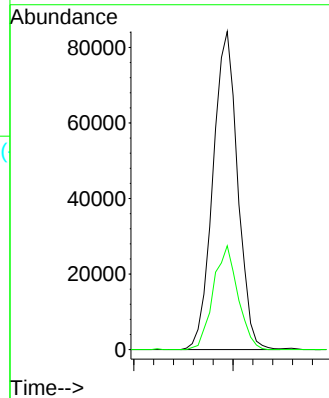
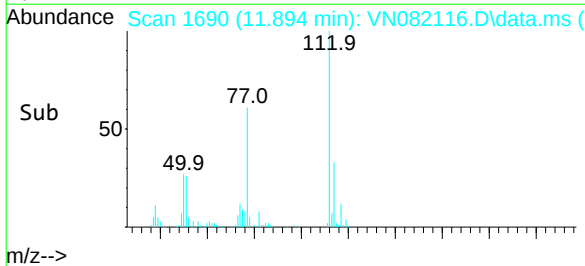
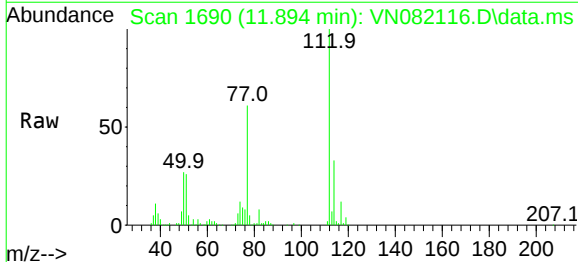
Manual Integrations
APPROVED

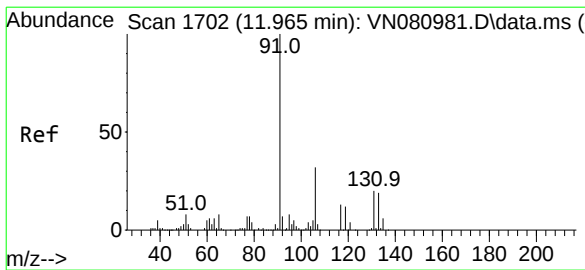
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#64
Chlorobenzene
Concen: 14.293 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Tgt Ion:112 Resp: 145778
Ion Ratio Lower Upper
112 100
114 32.6 26.6 39.8





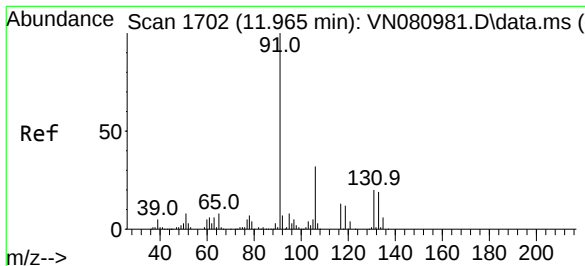
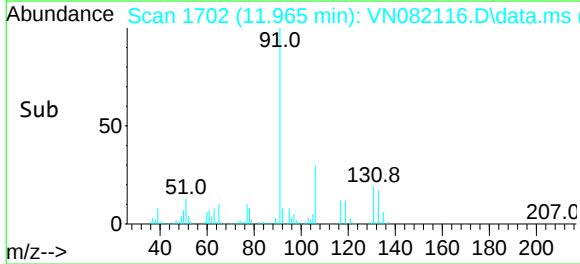
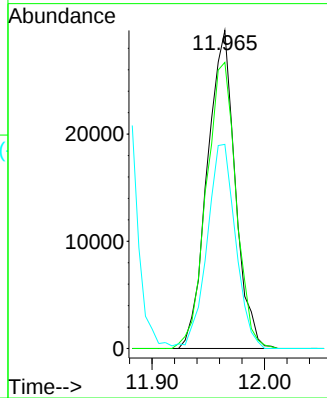
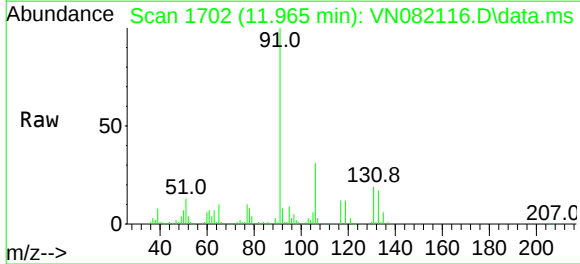
#65
1,1,1,2-Tetrachloroethane
Concen: 15.308 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	0.0	188.0
119	65.0	0.0	122.8

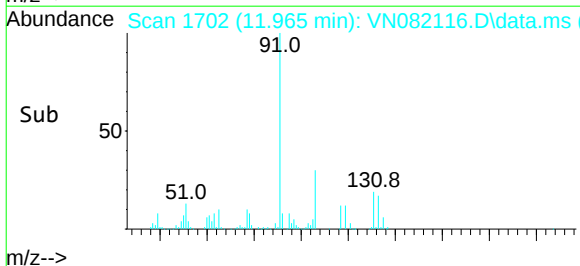
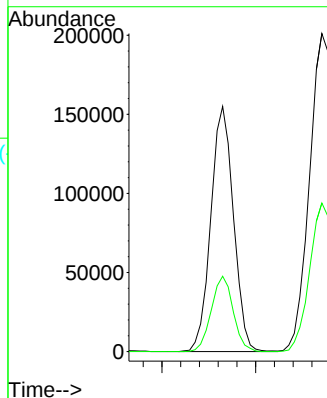
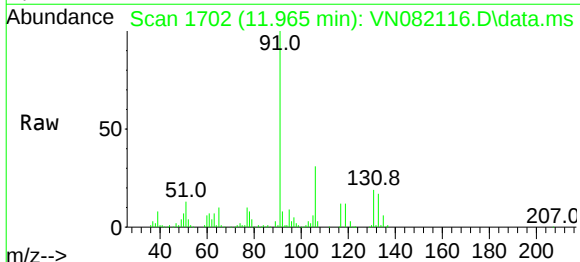
Manual Integrations
APPROVED

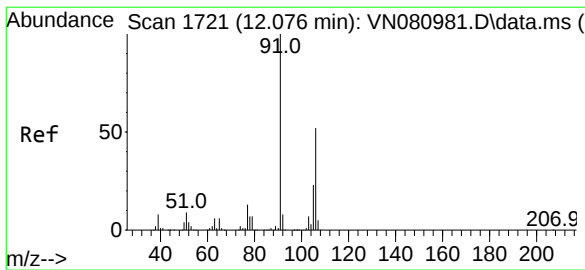
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#66
Ethyl Benzene
Concen: 14.233 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.4	36.6





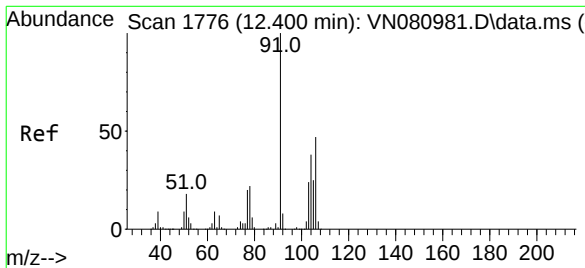
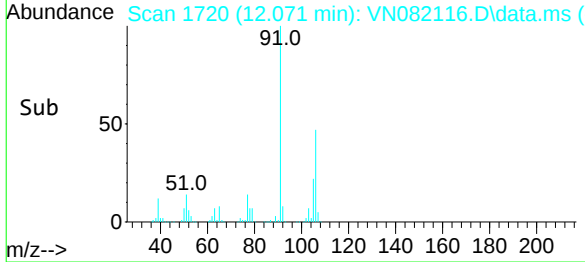
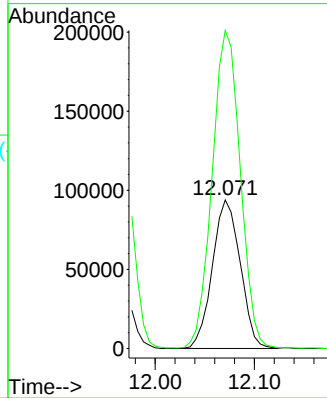
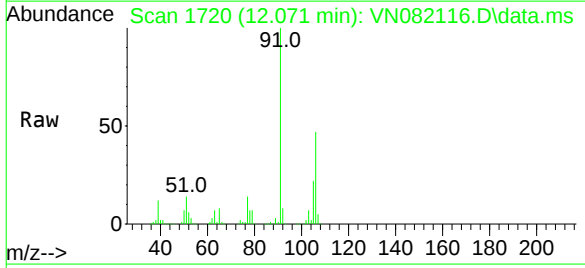
#67
m/p-Xylenes
Concen: 27.079 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02

Tgt Ion:106 Resp: 183505
Ion Ratio Lower Upper
106 100
91 216.1 166.6 249.8

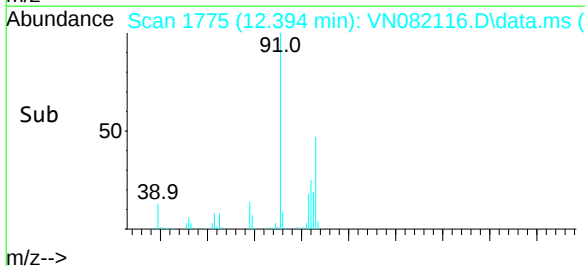
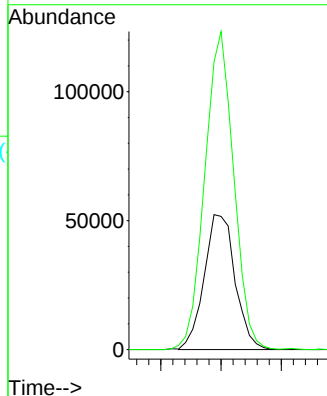
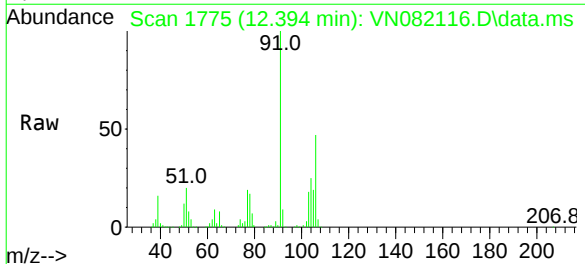
Manual Integrations
APPROVED

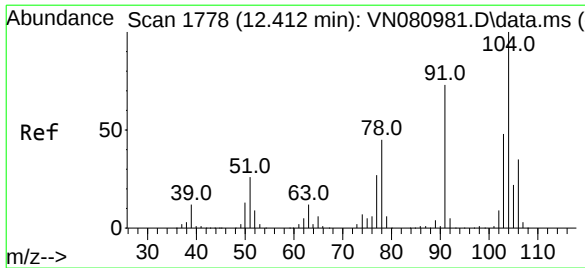
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#68
o-Xylene
Concen: 13.899 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Tgt Ion:106 Resp: 93187
Ion Ratio Lower Upper
106 100
91 220.4 110.0 330.0





#69

Styrene

Concen: 13.892 ug/l

RT: 12.412 min Scan# 17

Delta R.T. 0.000 min

Lab File: VN082116.D

Acq: 14 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0514WBS02

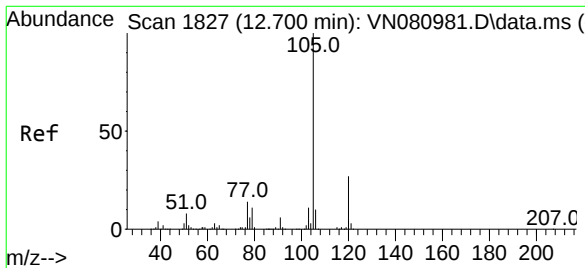
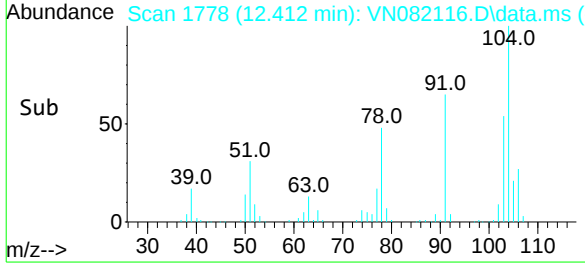
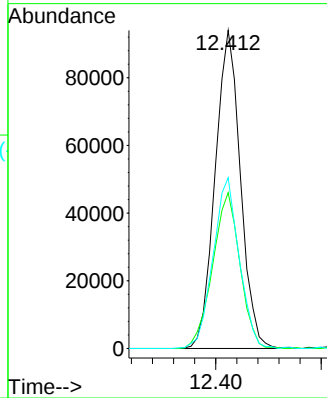
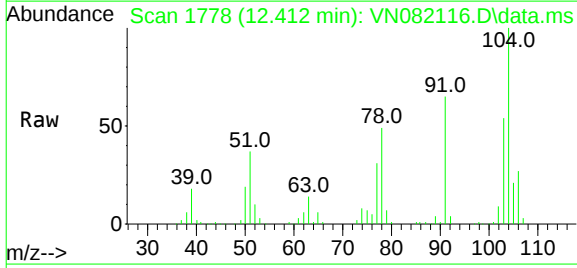
Tgt Ion:	104	Resp:	156358
Ion	Ratio	Lower	Upper
104	100		
78	52.7	42.6	64.0
103	55.5	43.7	65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#70

Isopropylbenzene

Concen: 14.460 ug/l

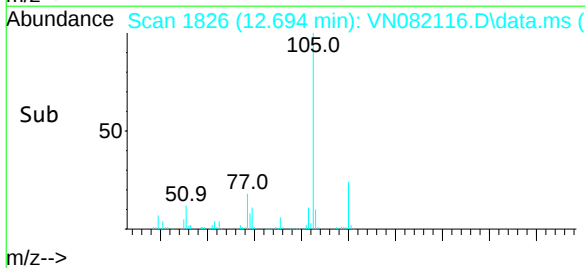
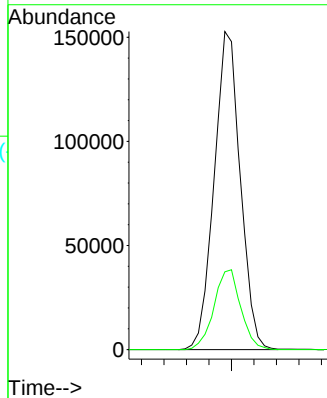
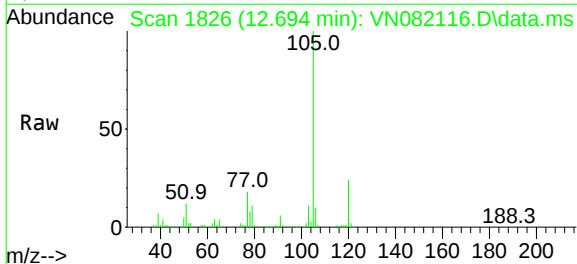
RT: 12.694 min Scan# 1826

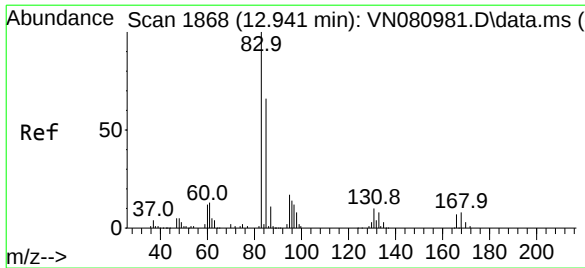
Delta R.T. -0.006 min

Lab File: VN082116.D

Acq: 14 May 2024 15:24

Tgt Ion:	105	Resp:	246224
Ion	Ratio	Lower	Upper
105	100		
120	25.7	17.8	33.1





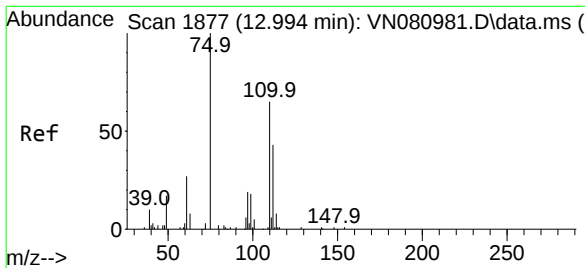
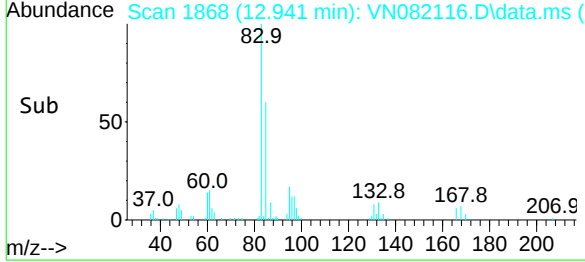
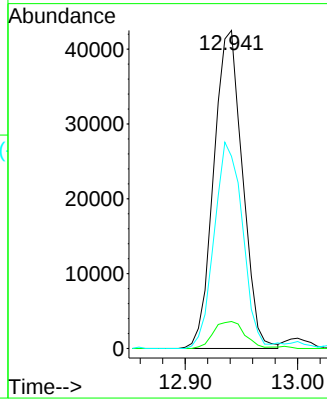
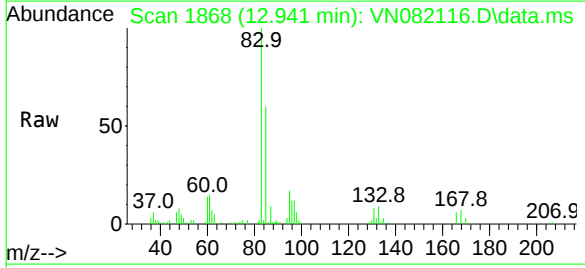
#71
 1,1,2,2-Tetrachloroethane
 Concen: 15.394 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN082116.D
 Acq: 14 May 2024 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0514WBS02

Tgt Ion:	83	Resp:	75436
Ion	Ratio	Lower	Upper
83	100		
131	9.2	5.2	15.6
85	64.0	32.3	96.8

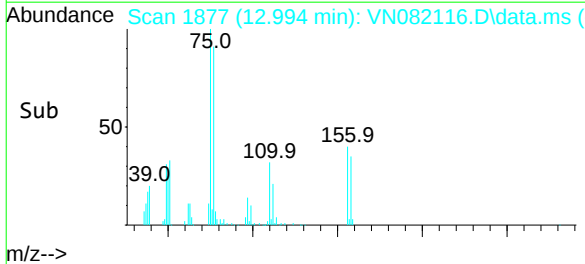
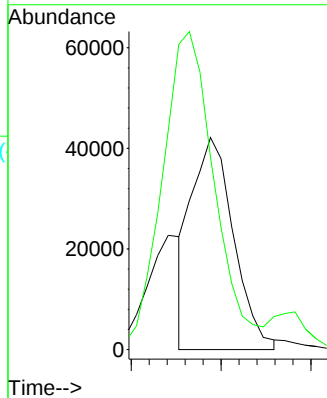
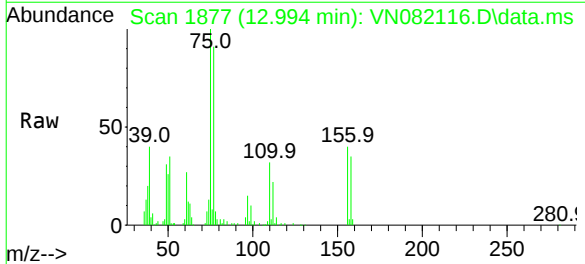
Manual Integrations
 APPROVED

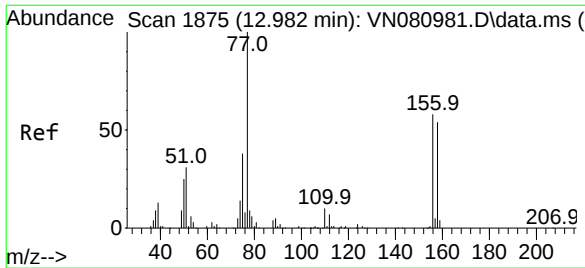
Reviewed By :John Carlone 05/15/2024
 Supervised By :Mahesh Dadoda 05/15/2024



#72
 1,2,3-Trichloropropane
 Concen: 17.111 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN082116.D
 Acq: 14 May 2024 15:24

Tgt Ion:	75	Resp:	68612
Ion	Ratio	Lower	Upper
75	100		
77	186.7	0.0	367.6





#73

Bromobenzene

Concen: 15.441 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082116.D

Acq: 14 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0514WBS02

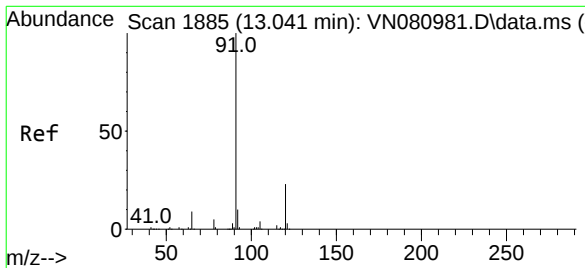
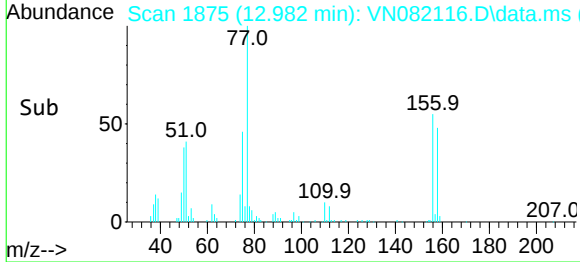
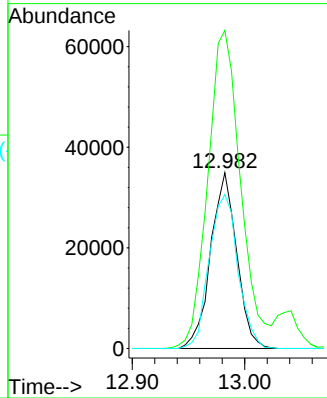
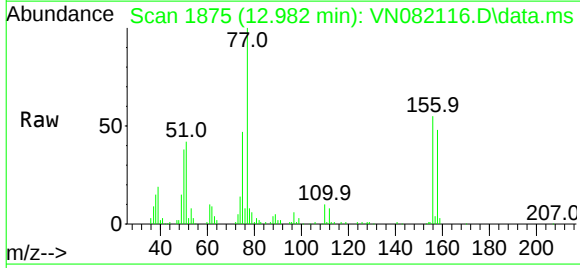
Tgt Ion:	156	Resp:	56283
Ion Ratio	Lower	Upper	
156	100		
77	227.6	0.0	437.6
158	96.5	0.0	203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#74

n-propylbenzene

Concen: 14.878 ug/l

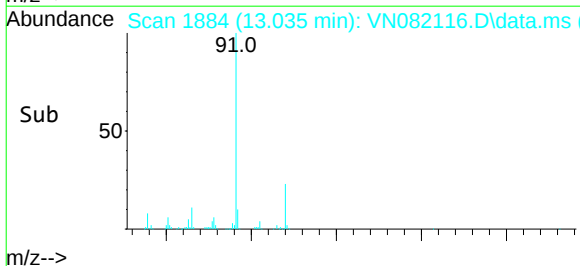
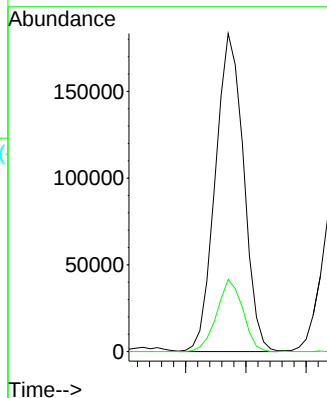
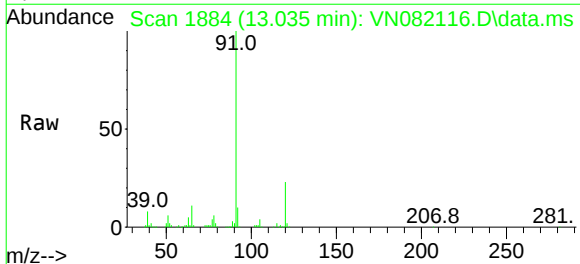
RT: 13.035 min Scan# 1884

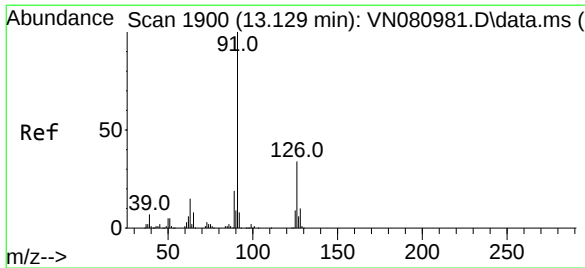
Delta R.T. -0.006 min

Lab File: VN082116.D

Acq: 14 May 2024 15:24

Tgt Ion:	91	Resp:	299114
Ion Ratio	Lower	Upper	
91	100		
120	20.9	0.0	43.8





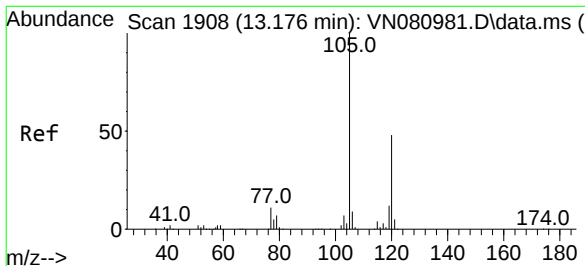
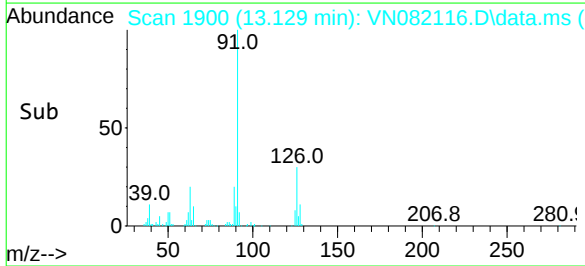
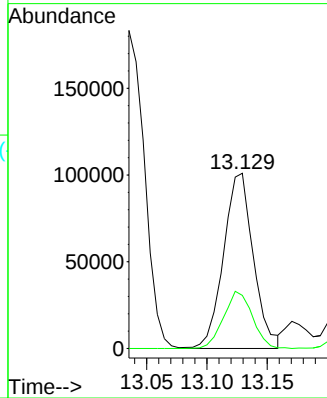
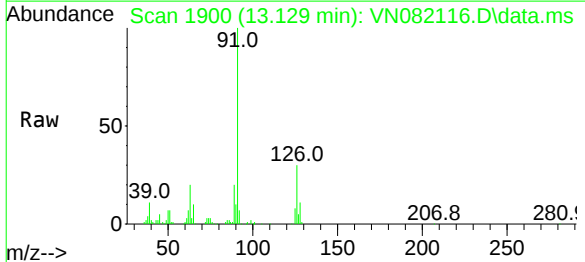
#75
2-Chlorotoluene
Concen: 14.020 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02

Tgt Ion: 91 Resp: 174248
Ion Ratio Lower Upper
91 100
126 31.4 0.0 61.2

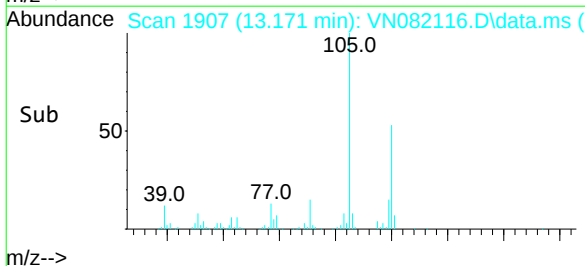
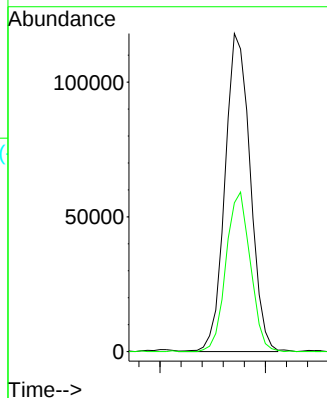
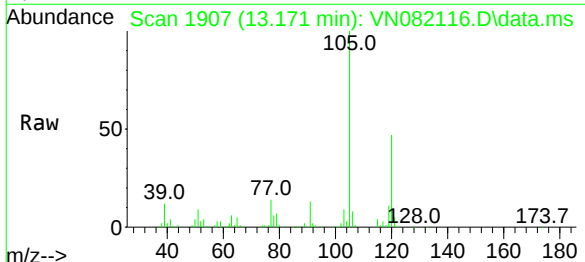
Manual Integrations
APPROVED

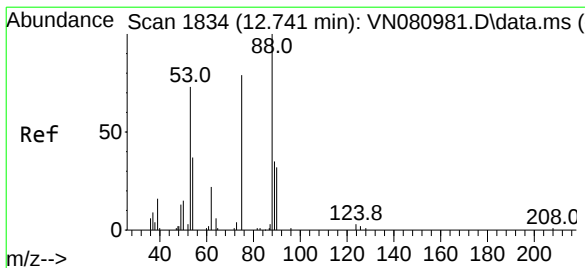
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#76
1,3,5-Trimethylbenzene
Concen: 14.226 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Tgt Ion:105 Resp: 196082
Ion Ratio Lower Upper
105 100
120 48.4 0.0 95.8





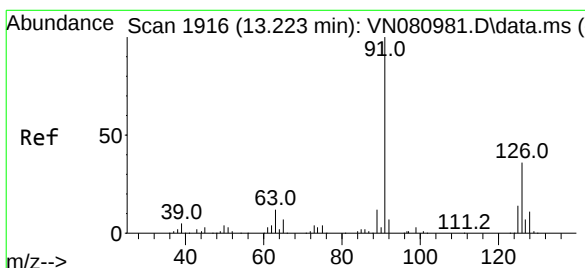
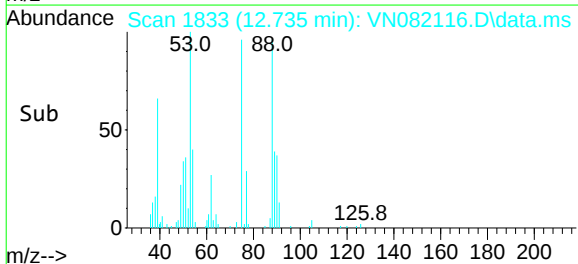
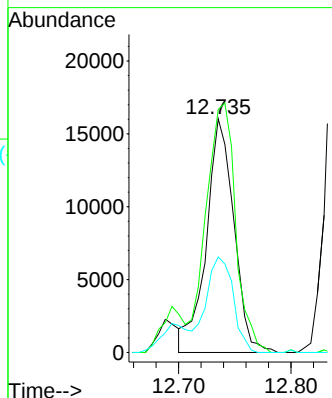
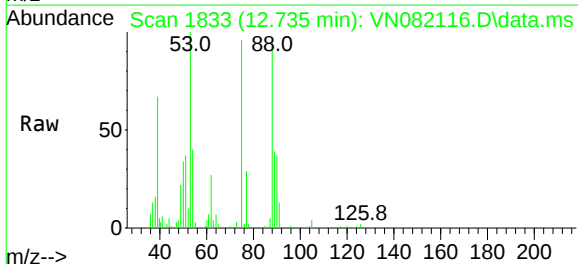
#77
t-1,4-Dichloro-2-butene
Concen: 13.422 ug/l
RT: 12.735 min Scan# 1834
Delta R.T. -0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	104.0	45.9	137.7
89	40.9	25.9	77.7

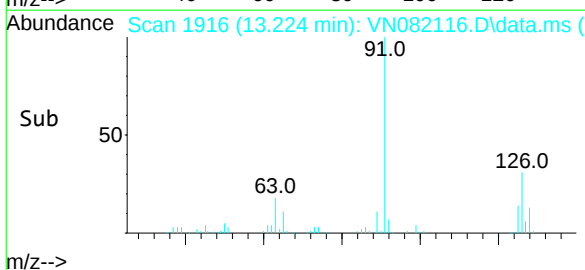
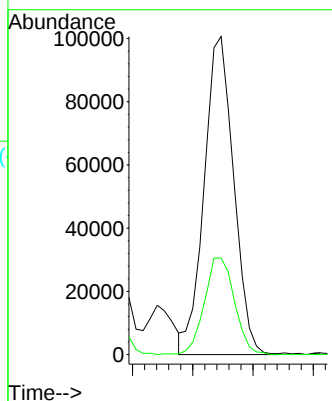
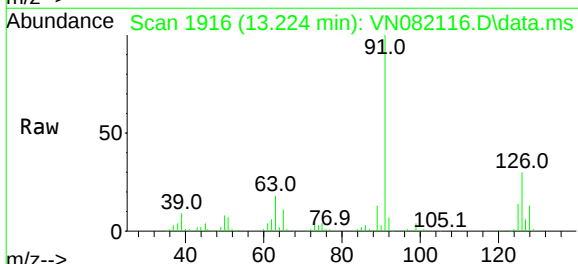
Manual Integrations
APPROVED

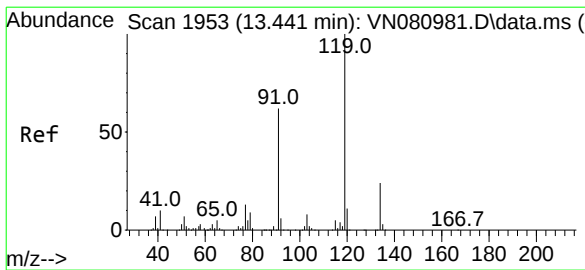
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#78
4-Chlorotoluene
Concen: 14.079 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	0.0	62.8





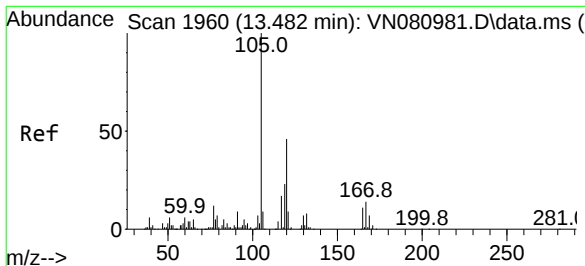
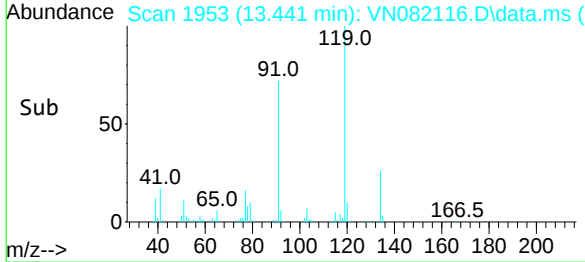
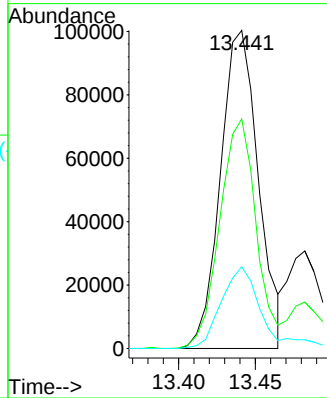
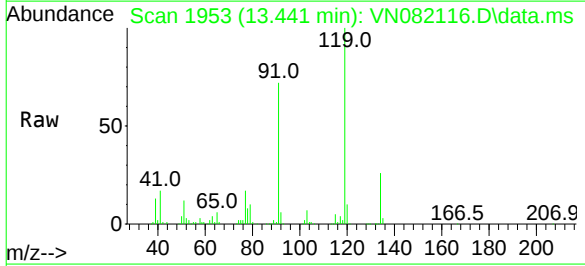
#79
tert-butylbenzene
Concen: 14.545 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02

Tgt Ion:119 Resp: 172612
Ion Ratio Lower Upper
119 100
91 69.2 0.0 138.8
134 24.7 0.0 48.6

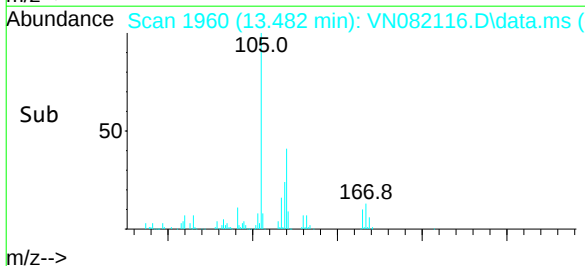
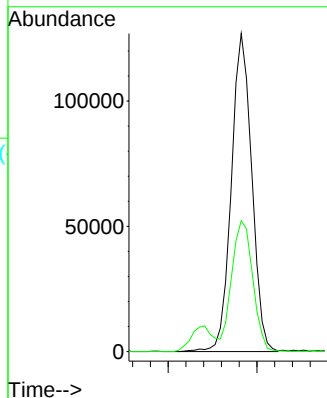
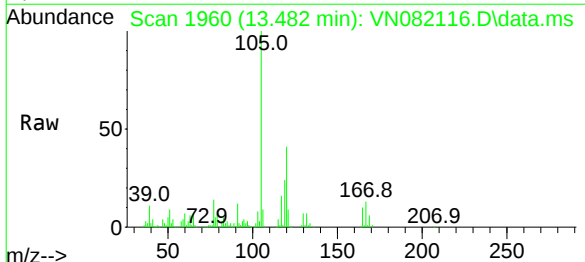
Manual Integrations
APPROVED

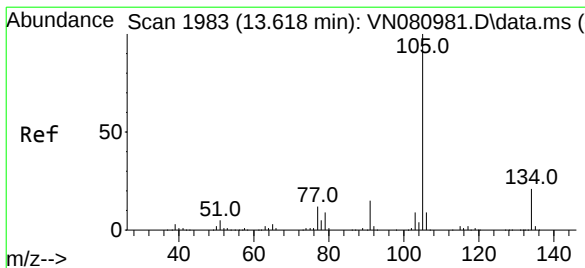
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#80
1,2,4-Trimethylbenzene
Concen: 14.647 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

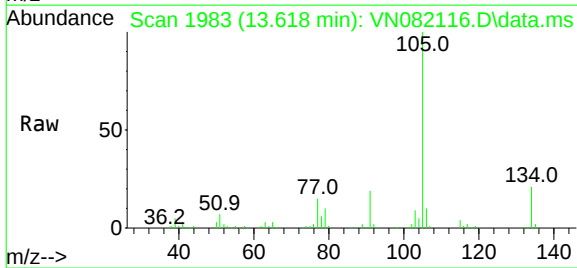
Tgt Ion:105 Resp: 202791
Ion Ratio Lower Upper
105 100
120 42.3 0.0 86.8





#81
sec-Butylbenzene
Concen: 14.708 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

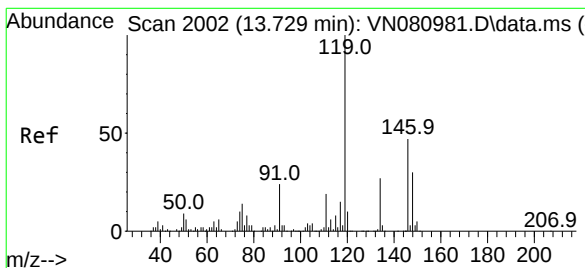
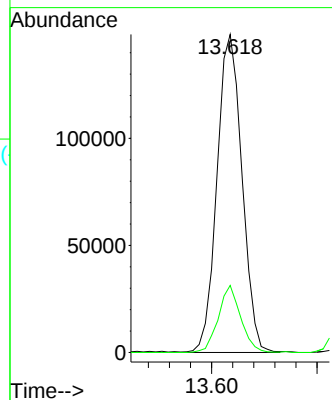
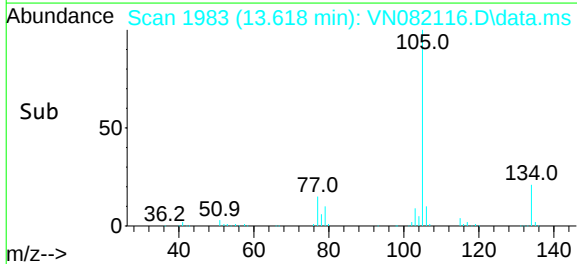
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02



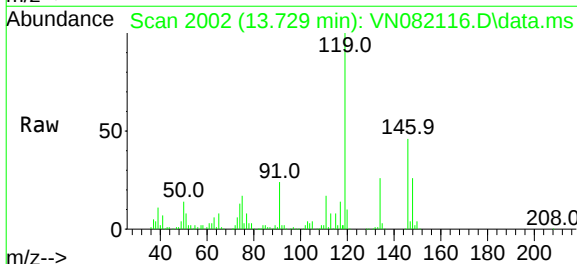
Tgt Ion:105 Resp: 244672
Ion Ratio Lower Upper
105 100
134 18.9 0.0 39.0

Manual Integrations
APPROVED

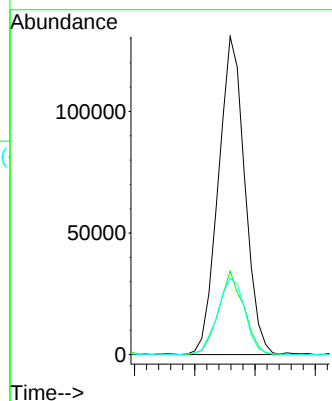
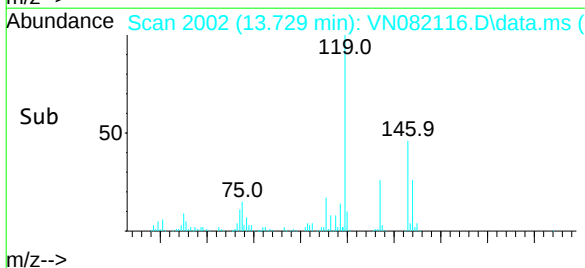
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

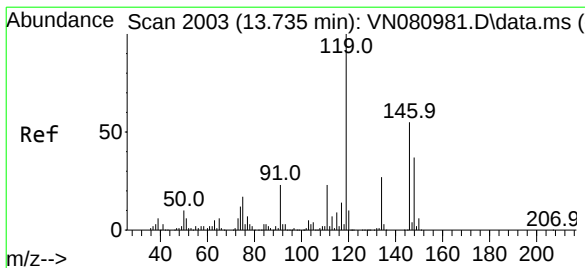


#82
p-Isopropyltoluene
Concen: 15.215 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24



Tgt Ion:119 Resp: 200142
Ion Ratio Lower Upper
119 100
134 25.0 0.0 49.2
91 25.1 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 15.967 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN082116.D

Acq: 14 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0514WBS02

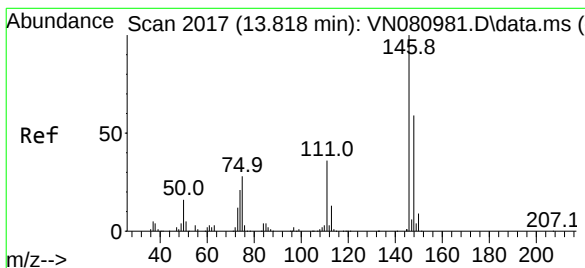
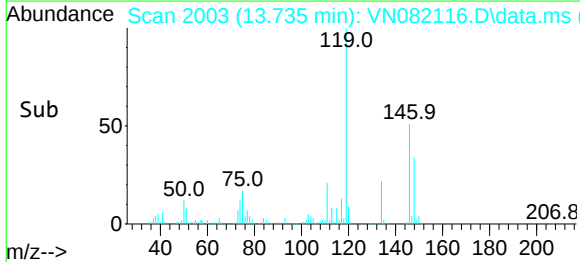
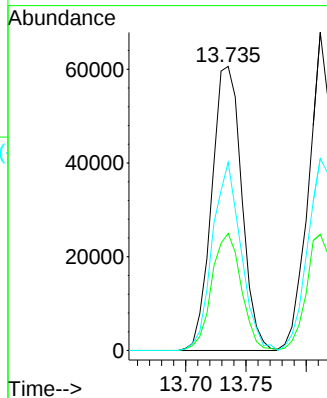
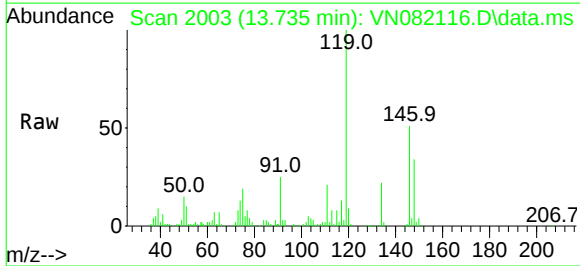
Tgt Ion:	146	Resp:	104800
Ion	Ratio	Lower	Upper
146	100		
111	40.7	22.4	67.0
148	62.9	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#84

1,4-Dichlorobenzene

Concen: 15.215 ug/l

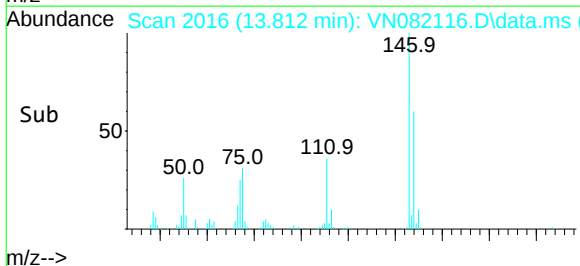
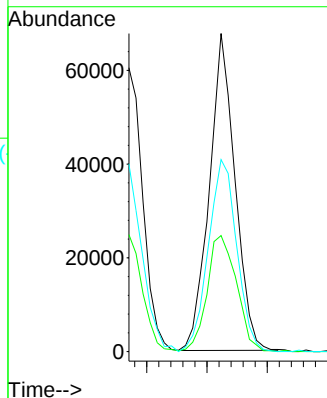
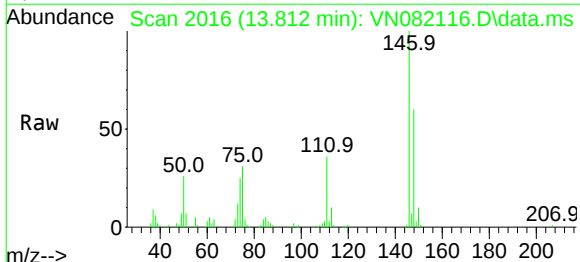
RT: 13.812 min Scan# 2016

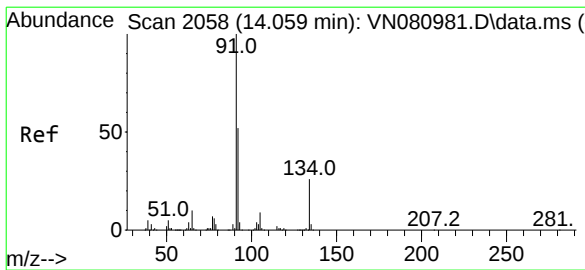
Delta R.T. -0.006 min

Lab File: VN082116.D

Acq: 14 May 2024 15:24

Tgt Ion:	146	Resp:	100373
Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.3	63.9
148	66.9	31.9	95.5





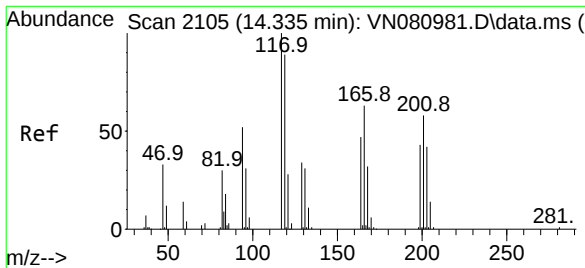
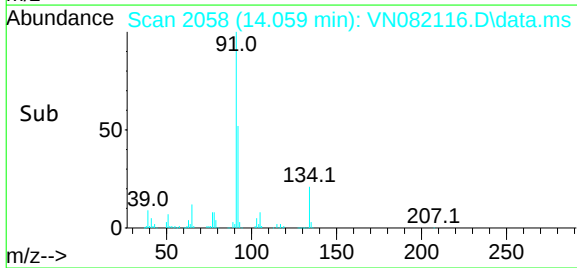
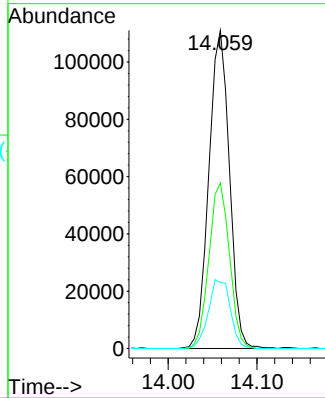
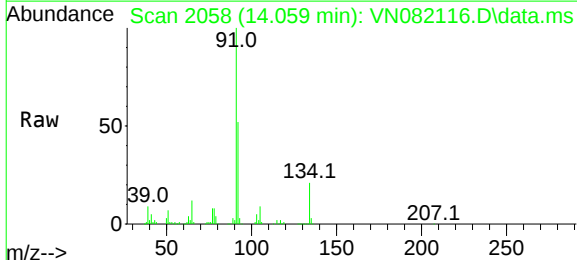
#85
n-Butylbenzene
Concen: 14.843 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.0	0.0	105.0
134	23.2	0.0	51.8

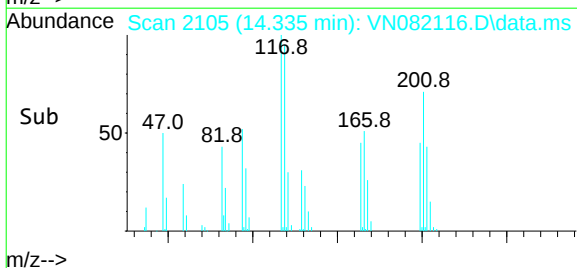
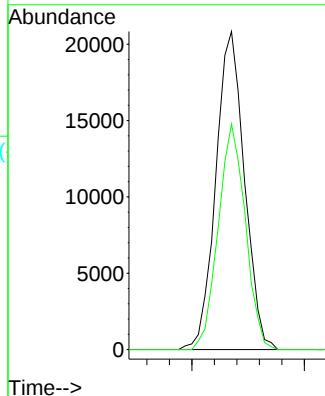
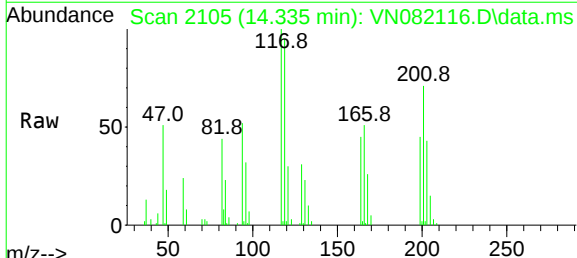
Manual Integrations
APPROVED

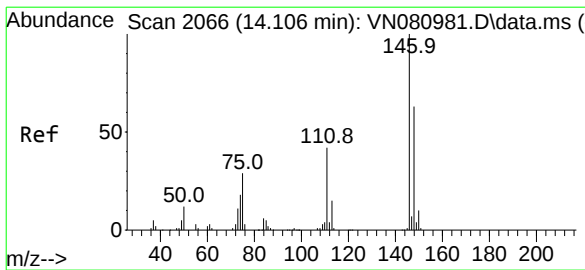
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#86
Hexachloroethane
Concen: 14.045 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

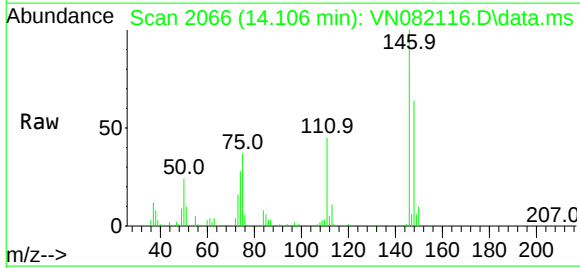
Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.0	38.0	114.0





#87
1,2-Dichlorobenzene
Concen: 15.681 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

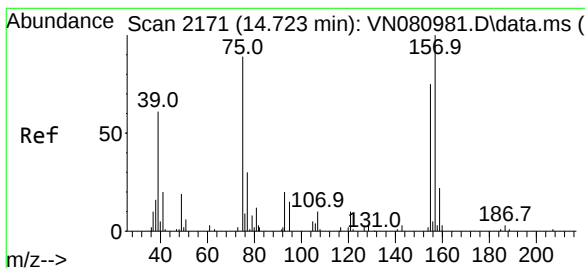
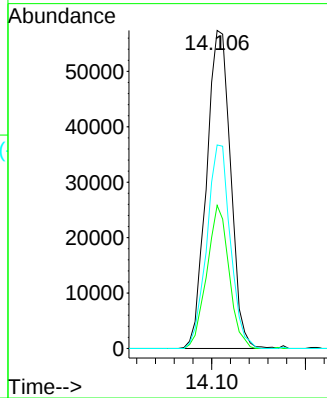
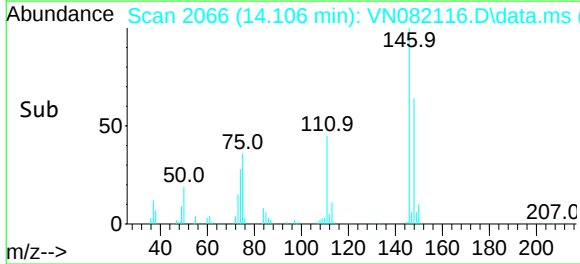
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02



Tgt Ion:146 Resp: 102512
Ion Ratio Lower Upper
146 100
111 41.4 22.6 67.8
148 62.5 31.3 93.8

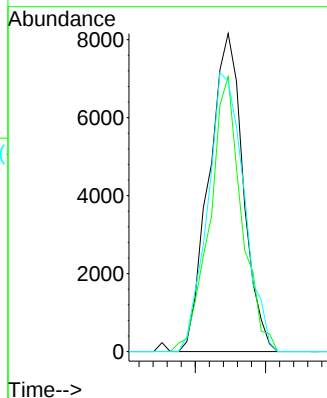
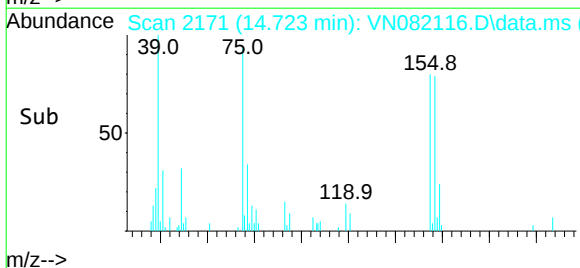
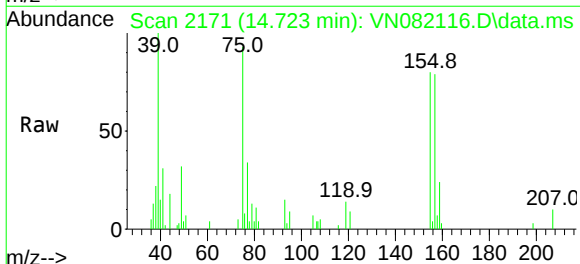
Manual Integrations
APPROVED

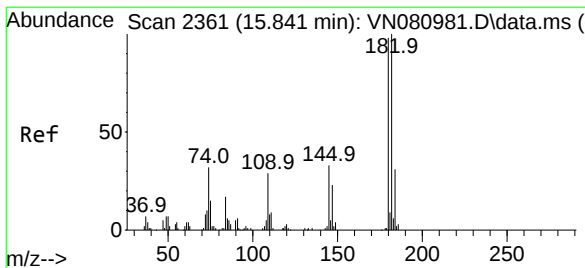
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 12.515 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Tgt Ion: 75 Resp: 13762
Ion Ratio Lower Upper
75 100
155 80.7 61.7 92.5
157 93.5 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 15.473 ug/l

RT: 15.847 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN082116.D

Acq: 14 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0514WBS02

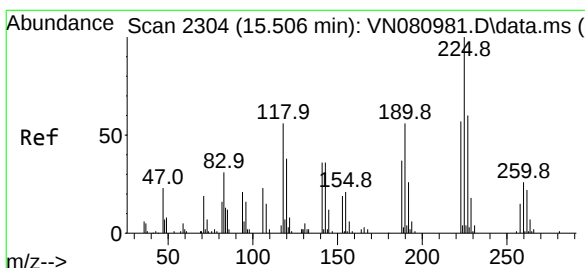
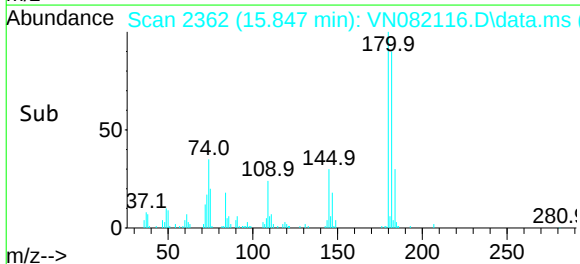
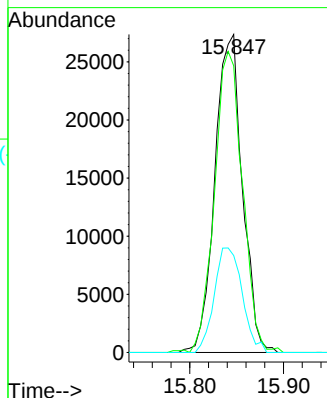
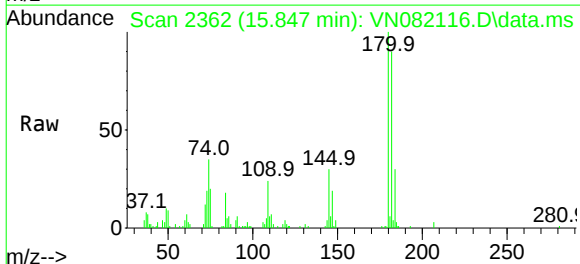
Tgt Ion:	180	Resp:	55697
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.4	114.6
145	33.4	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#90

Hexachlorobutadiene

Concen: 17.819 ug/l

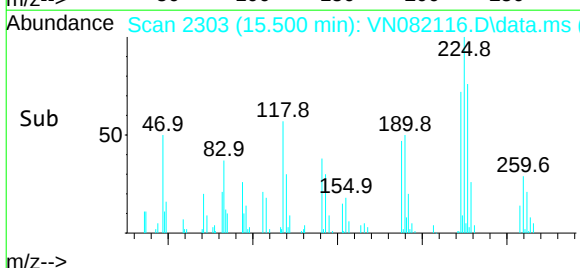
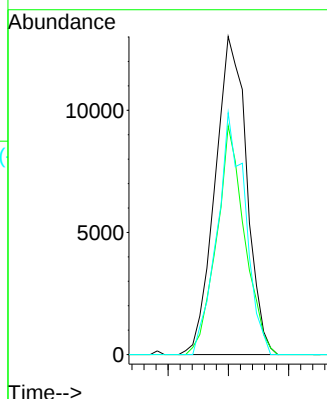
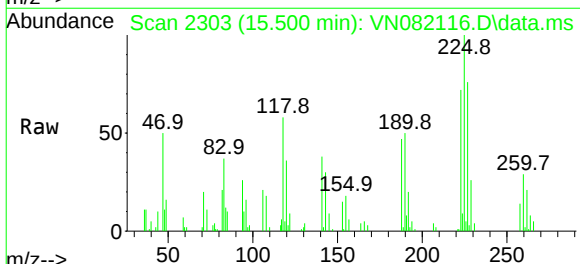
RT: 15.500 min Scan# 2303

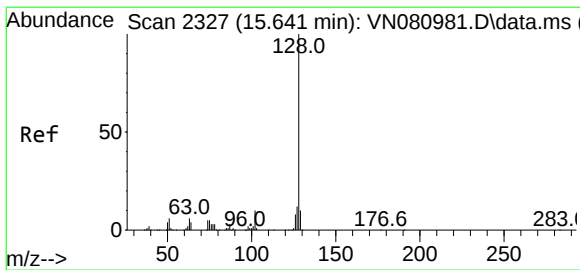
Delta R.T. -0.006 min

Lab File: VN082116.D

Acq: 14 May 2024 15:24

Tgt Ion:	225	Resp:	23755
Ion Ratio	Lower	Upper	
225	100		
223	63.8	0.0	126.6
227	67.7	0.0	126.6





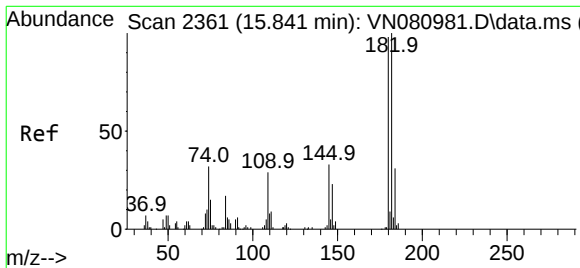
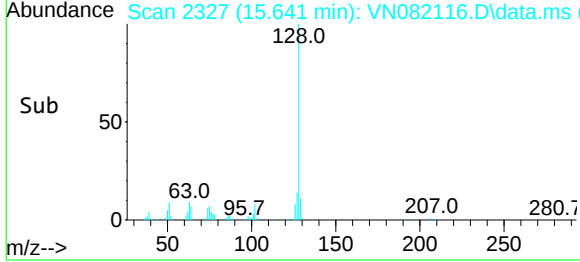
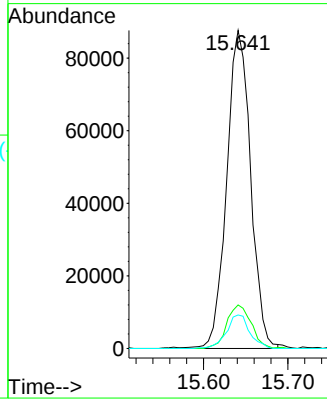
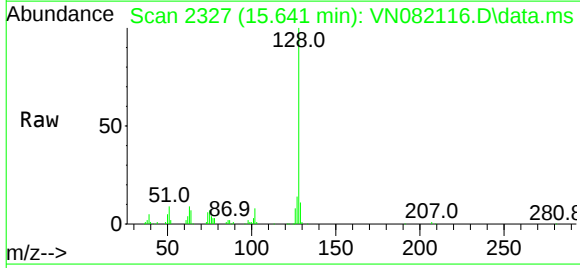
#91
Naphthalene
Concen: 12.619 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS02

Tgt Ion:	128	Resp:	172666
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.6	16.0
129	10.2	8.6	13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#92
1,2,3-Trichlorobenzene
Concen: 15.473 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN082116.D
Acq: 14 May 2024 15:24

Tgt Ion:	180	Resp:	55697
Ion Ratio	Lower	Upper	
180	100		
182	95.9	0.0	191.0
145	33.4	0.0	71.0

