

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051424\
 Data File : VN082125.D
 Acq On : 14 May 2024 19:39
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: May 15 02:51:18 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	7.818	128	57004	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	324182	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	293058	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	162027	33.949	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 113.167%#			
60) 4-Bromofluorobenzene	12.847	95	136723	28.033	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.433%			
63) Toluene-d8	10.571	98	416060	29.895	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.633%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	60510	18.700	ug/l	99
3) Chloromethane	2.365	50	76305	20.334	ug/l	98
4) Vinyl Chloride	2.518	62	85295	24.061	ug/l	96
5) Bromomethane	2.971	94	51194	27.675	ug/l	93
6) Chloroethane	3.124	64	67552	33.652	ug/l	94
7) Trichlorofluoromethane	3.506	101	110483	21.299	ug/l	90
8) Diethyl Ether	3.965	74	44272	17.630	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.377	101	67410m	18.935	ug/l	
10) 1,1-Dichloroethene	4.347	96	61078	17.534	ug/l	82
11) Methyl Iodide	4.595	142	65520	20.592	ug/l	91
12) Methyl Acetate	5.030	43	111814	25.109	ug/l #	74
13) Acrolein	4.183	56	75533	81.449	ug/l	98
14) Acrylonitrile	5.718	53	210327	105.787	ug/l	97
15) Acetone	4.430	58	44858	100.042	ug/l	79
16) Carbon Disulfide	4.712	76	143383	14.876	ug/l	99
17) Allyl chloride	5.030	41	116475	18.681	ug/l	80
18) Methylene Chloride	5.277	84	76919	19.431	ug/l #	80
19) trans-1,2-Dichloroethene	5.789	96	63651	17.555	ug/l	90
20) Diisopropyl ether	6.671	45	305854	22.632	ug/l #	90
21) 1,1-Dichloroethane	6.571	63	153915	21.509	ug/l	93
22) cis-1,2-Dichloroethene	7.494	96	84220	19.019	ug/l	85
23) tert-Butyl Alcohol	5.524	59	77703	94.861	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	252286	20.112	ug/l #	81
25) Chloroform	7.971	83	152090	22.092	ug/l	96
26) Cyclohexane	8.259	56	109922	17.870	ug/l #	87
29) 1,1-Dichloropropene	8.371	75	96909	20.079	ug/l	97
30) 2-Butanone	7.483	43	292899	117.734	ug/l #	90
31) 2,2-Dichloropropane	7.488	77	125803	25.436	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	133874	24.118	ug/l	93
33) Carbon Tetrachloride	8.365	117	105206	23.355	ug/l	97
34) Benzene	8.606	78	321645	20.890	ug/l #	94
35) Methacrylonitrile	7.777	41	69848	22.192	ug/l	87
36) 1,2-Dichloroethane	8.671	62	125576	24.296	ug/l #	93
37) Trichloroethene	9.353	130	69352	18.390	ug/l	99
38) Methylcyclohexane	9.606	83	103576	17.765	ug/l	92
39) 1,2-Dichloropropane	9.624	63	86630	21.928	ug/l	94
40) Dibromomethane	9.712	93	54843	21.609	ug/l	95
41) Bromodichloromethane	9.888	83	120732	22.256	ug/l	98
42) Vinyl Acetate	6.606	43	1159029	109.456	ug/l #	91

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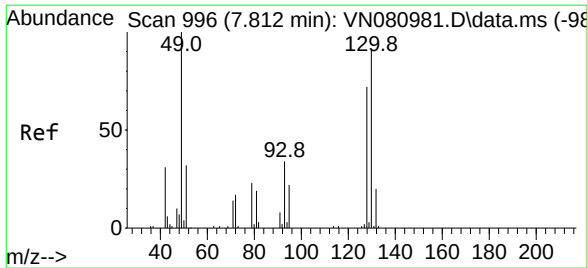
Manual Integrations
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Reviewed By : John Carlone 05/15/2024
 Supervised By : Mahesh Dadoda 05/15/2024

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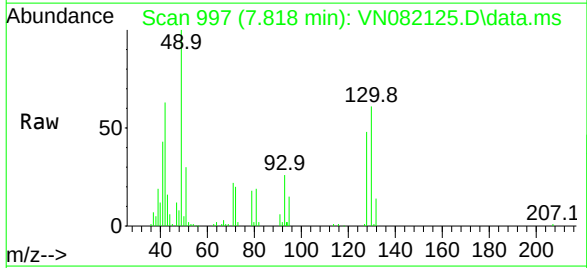
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	130320	23.944	ug/l	96
44) Isopropyl Acetate	8.688	43	226901	23.565	ug/l #	84
45) 1,4-Dioxane	9.694	88	30778	398.535	ug/l #	85
46) Methyl methacrylate	9.682	41	101422	23.053	ug/l	68
47) n-amyl Acetate	12.494	43	188765m	21.739	ug/l	
48) t-1,3-Dichloropropene	10.835	75	119167	20.257	ug/l	100
49) cis-1,3-Dichloropropene	10.318	75	128061	20.590	ug/l #	78
50) 1,1,2-Trichloroethane	11.018	97	77554	22.523	ug/l	95
51) Ethyl methacrylate	10.876	69	127543	19.626	ug/l #	58
52) 1,3-Dichloropropane	11.165	76	140384	22.191	ug/l	99
53) Dibromochloromethane	11.359	129	85023	22.695	ug/l	97
54) 1,2-Dibromoethane	11.471	107	72203	21.026	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	348478	107.234	ug/l	94
56) Bromoform	12.576	173	51918	22.770	ug/l	96
58) 4-Methyl-2-Pentanone	10.447	43	669713	117.699	ug/l #	82
59) 2-Hexanone	11.194	43	485220m	115.008	ug/l	
61) Tetrachloroethene	11.106	164	65975	20.289	ug/l	92
62) Toluene	10.629	91	342711	20.784	ug/l	99
64) Chlorobenzene	11.894	112	209147	20.738	ug/l	92
65) 1,1,1,2-Tetrachloroethane	11.965	131	70800	21.448	ug/l	91
66) Ethyl Benzene	11.965	91	377229	20.871	ug/l	97
67) m/p-Xylenes	12.070	106	270684	40.393	ug/l	99
68) o-Xylene	12.400	106	133413	20.122	ug/l	99
69) Styrene	12.412	104	226469	20.348	ug/l	99
70) Isopropylbenzene	12.694	105	344825	20.478	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	106712	22.022	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	100791m	25.420	ug/l	
73) Bromobenzene	12.982	156	79283	21.995	ug/l	92
74) n-propylbenzene	13.035	91	415111	20.880	ug/l	97
75) 2-Chlorotoluene	13.129	91	248430	20.214	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	283659	20.812	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	37750	18.712	ug/l	83
78) 4-Chlorotoluene	13.223	91	247603	20.565	ug/l	98
79) tert-butylbenzene	13.441	119	241862	20.610	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	284284	20.765	ug/l	99
81) sec-Butylbenzene	13.617	105	343862	20.904	ug/l	98
82) p-Isopropyltoluene	13.729	119	281750	21.660	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	147102	22.665	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	146492	22.456	ug/l	97
85) n-Butylbenzene	14.059	91	251125	21.135	ug/l	95
86) Hexachloroethane	14.335	117	51823	19.981	ug/l	88
87) 1,2-Dichlorobenzene	14.106	146	145388	22.491	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.717	75	21113	19.417	ug/l	89
89) 1,2,4-Trichlorobenzene	15.841	180	80237	22.542	ug/l	96
90) Hexachlorobutadiene	15.506	225	32112	24.359	ug/l	95
91) Naphthalene	15.641	128	254588	18.815	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	80237	22.542	ug/l	96

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

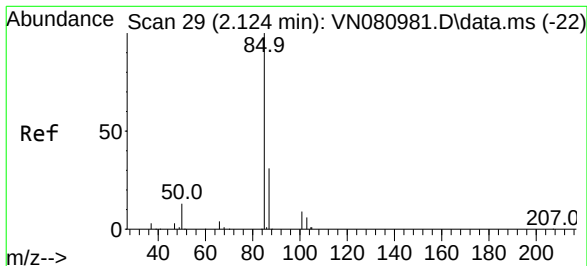
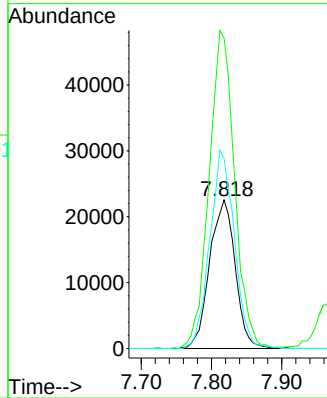
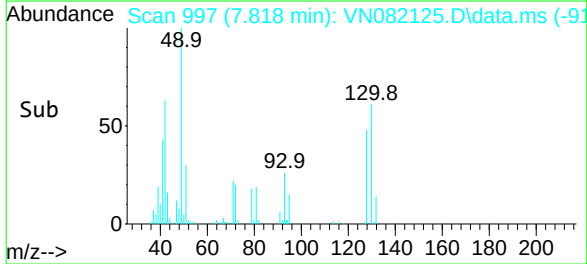
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 57004
Ion Ratio Lower Upper
128 100
49 213.2 0.0 403.7
130 128.2 0.0 323.3

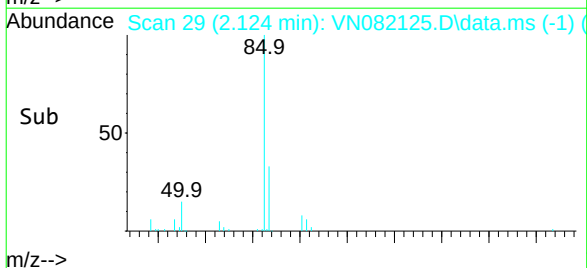
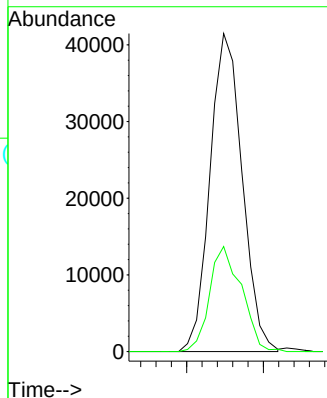
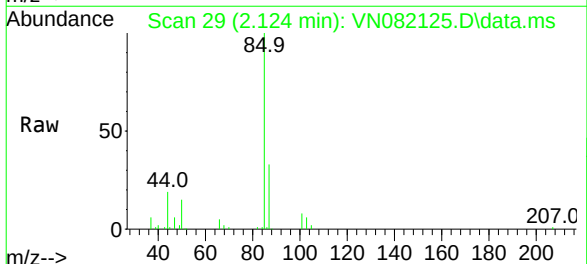
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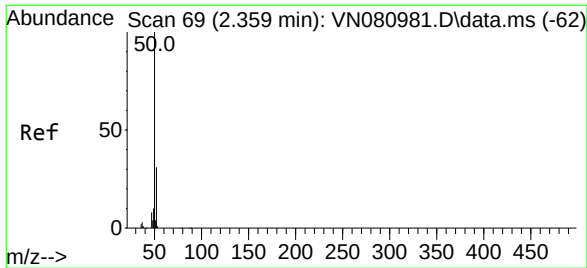
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#2
Dichlorodifluoromethane
Concen: 18.700 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Tgt Ion: 85 Resp: 60510
Ion Ratio Lower Upper
85 100
87 33.0 16.8 50.3





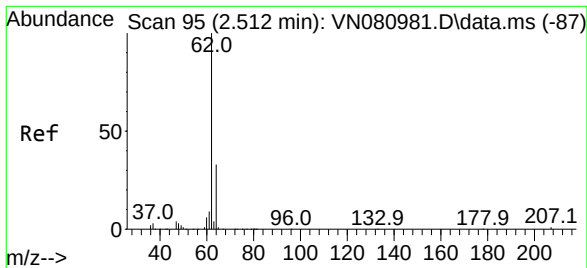
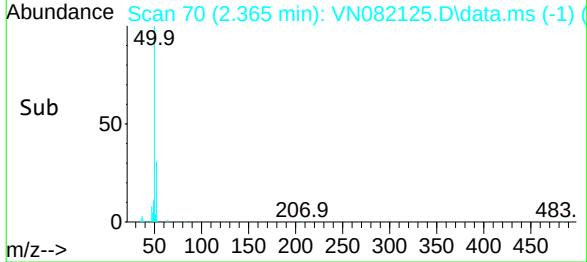
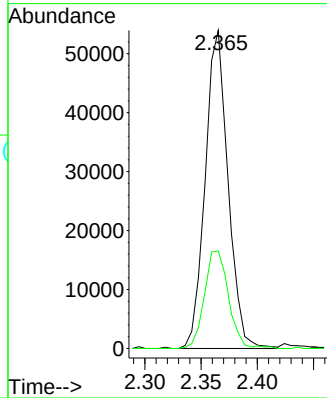
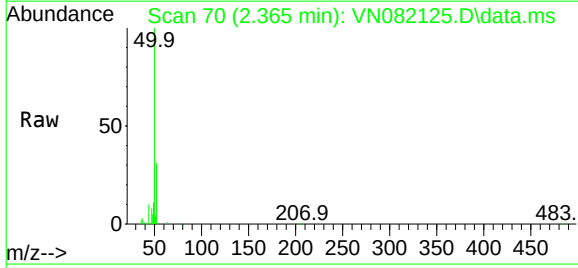
#3
Chloromethane
Concen: 20.334 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 76305
Ion Ratio Lower Upper
50 100
52 30.7 25.4 38.0

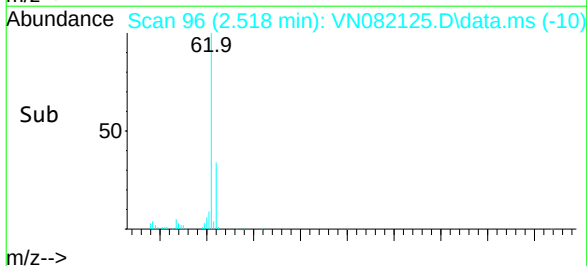
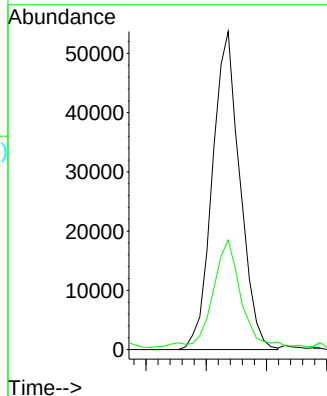
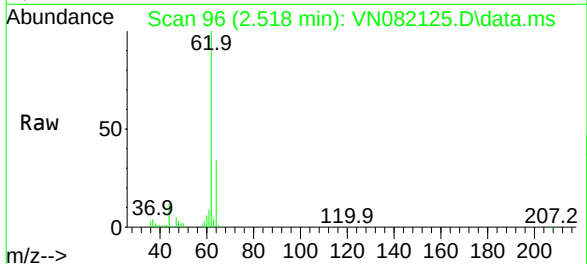
Manual Integrations
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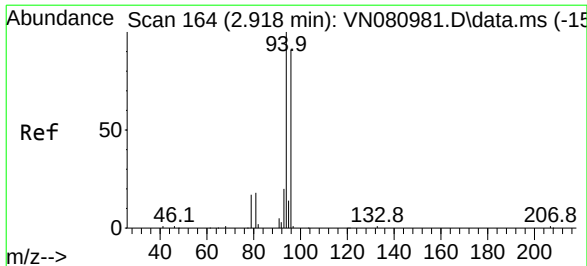
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#4
Vinyl Chloride
Concen: 24.061 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

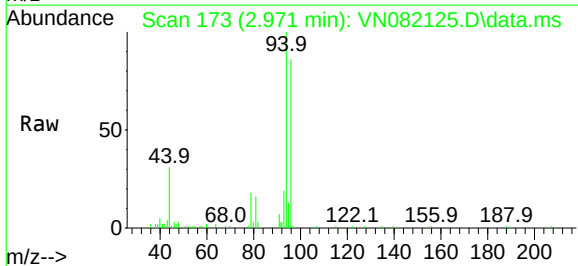
Tgt Ion: 62 Resp: 85295
Ion Ratio Lower Upper
62 100
64 32.3 24.1 36.1





#5
Bromomethane
Concen: 27.675 ug/l
RT: 2.971 min Scan# 17
Delta R.T. 0.053 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

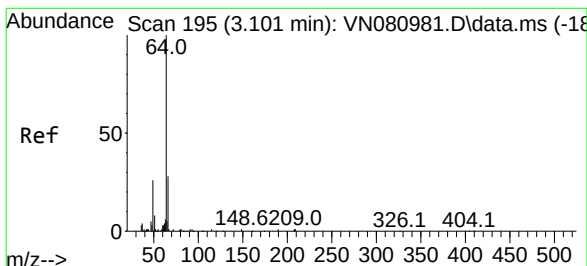
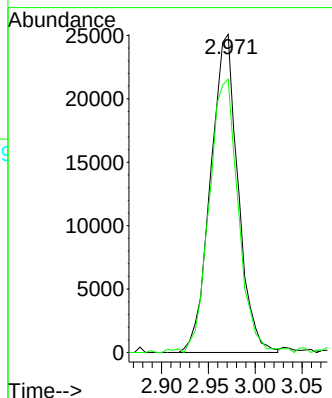
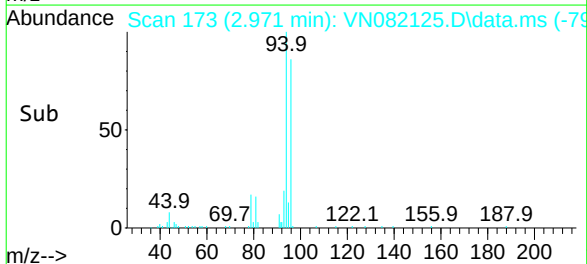
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



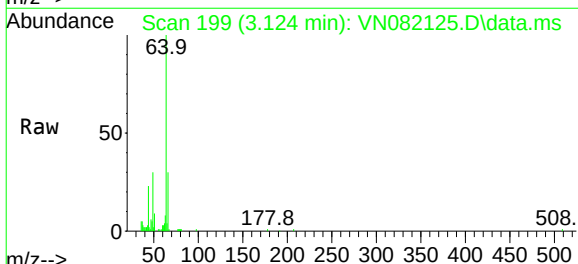
Tgt Ion: 94 Resp: 51194
Ion Ratio Lower Upper
94 100
96 84.8 72.8 109.2

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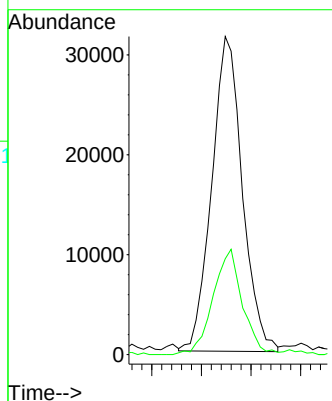
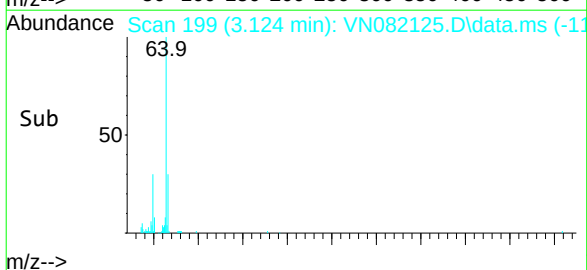
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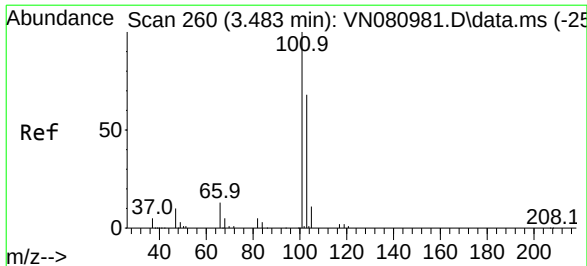


#6
Chloroethane
Concen: 33.652 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.023 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39



Tgt Ion: 64 Resp: 67552
Ion Ratio Lower Upper
64 100
66 30.1 26.7 40.1





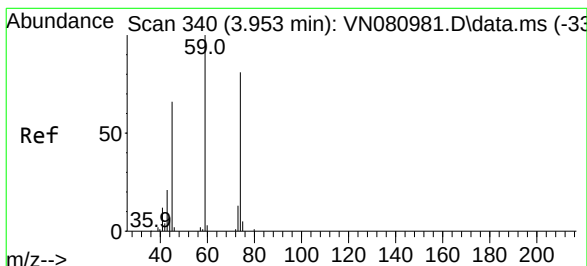
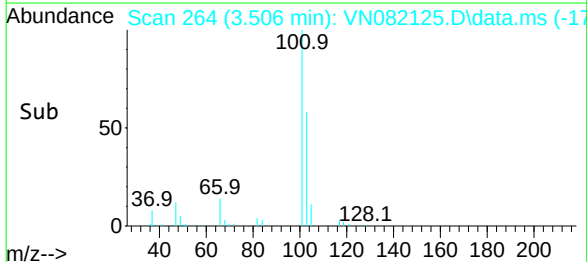
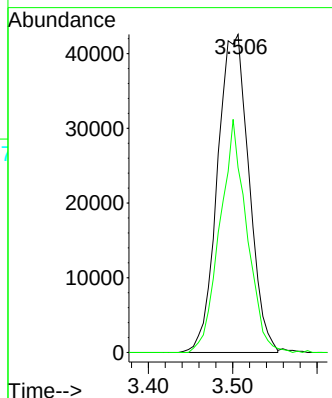
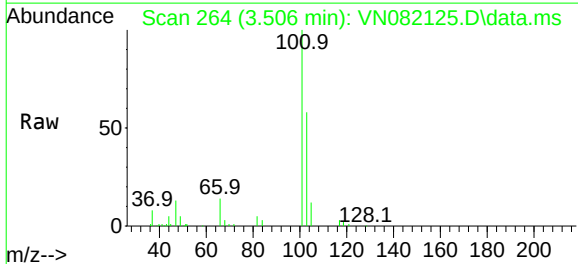
#7
 Trichlorofluoromethane
 Concen: 21.299 ug/l
 RT: 3.506 min Scan# 260
 Delta R.T. 0.023 min
 Lab File: VN082125.D
 Acq: 14 May 2024 19:39

Instrument :
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Tgt Ion:101 Resp: 110483
 Ion Ratio Lower Upper
 101 100
 103 58.1 53.0 79.4

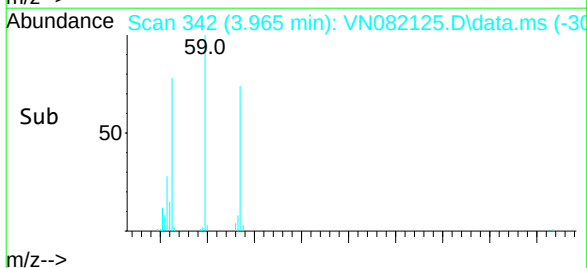
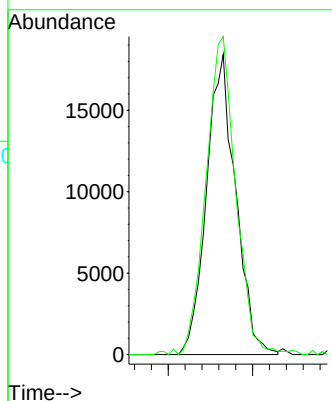
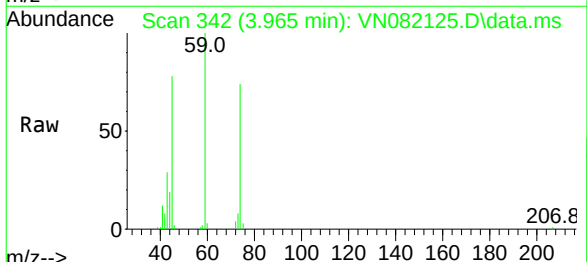
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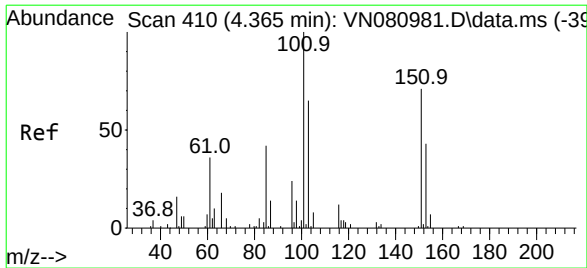
Reviewed By :John Carlone 05/15/2024
 Supervised By :Mahesh Dadoda 05/15/2024



#8
 Diethyl Ether
 Concen: 17.630 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN082125.D
 Acq: 14 May 2024 19:39

Tgt Ion: 74 Resp: 44272
 Ion Ratio Lower Upper
 74 100
 45 107.4 16.4 147.4





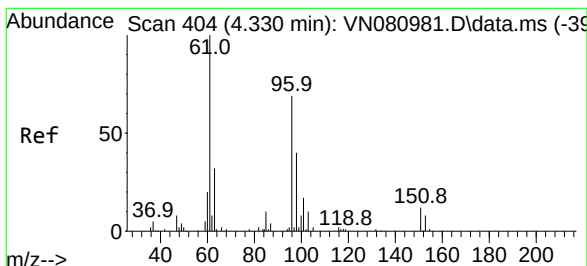
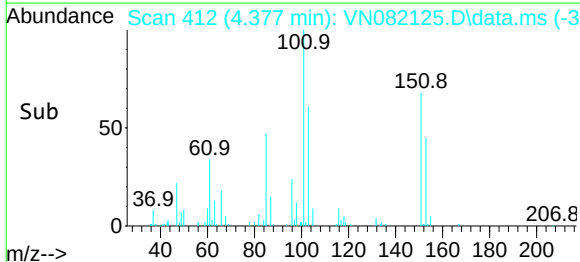
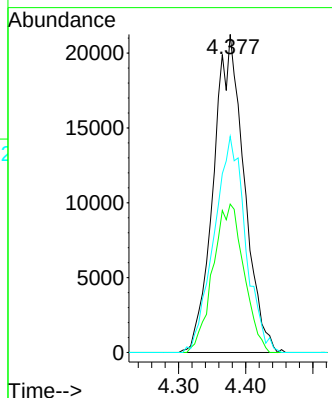
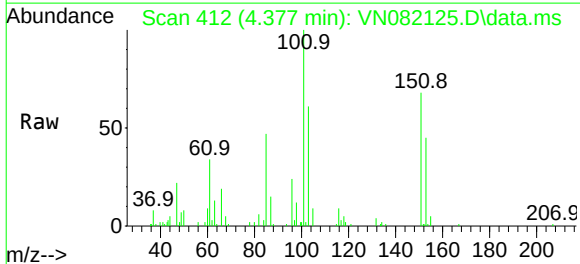
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.935 ug/l m
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 67410
Ion Ratio Lower Upper
101 100
85 47.1 0.0 90.6
151 70.0 0.0 157.6

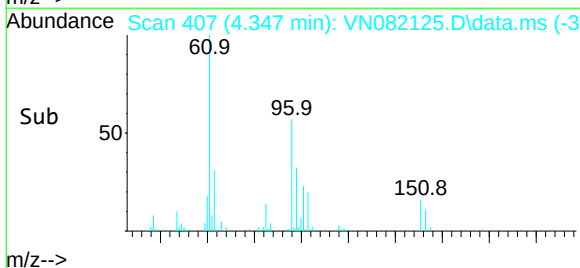
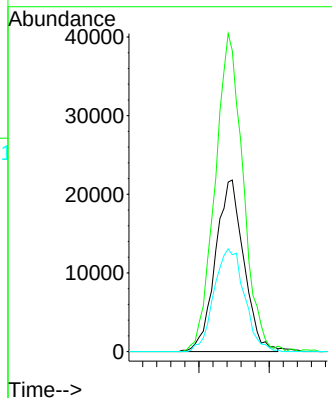
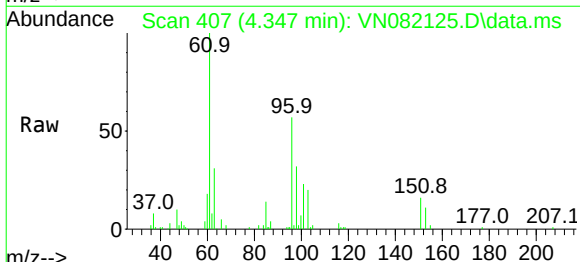
Manual Integrations
APPROVED

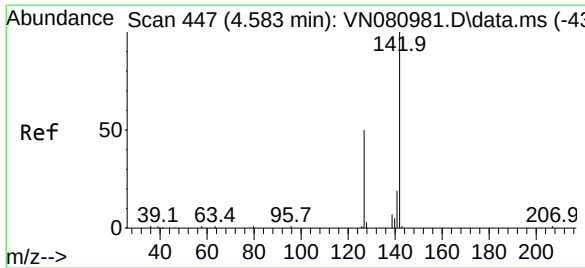
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#10
1,1-Dichloroethene
Concen: 17.534 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.018 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

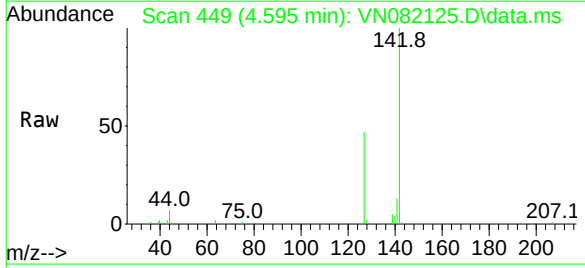
Tgt Ion: 96 Resp: 61078
Ion Ratio Lower Upper
96 100
61 175.4 117.6 176.4
98 56.5 48.4 72.6





#11
Methyl Iodide
Concen: 20.592 ug/l
RT: 4.595 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

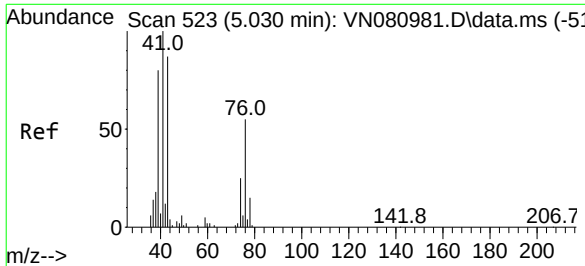
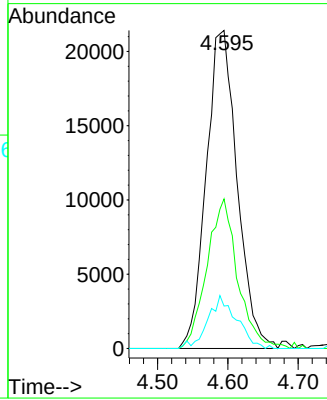
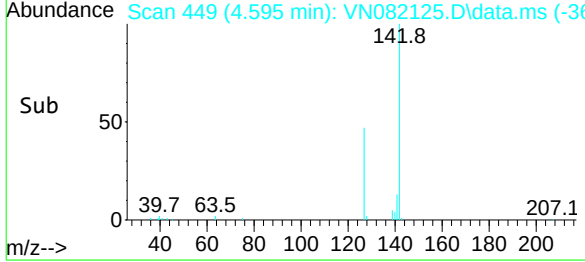
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



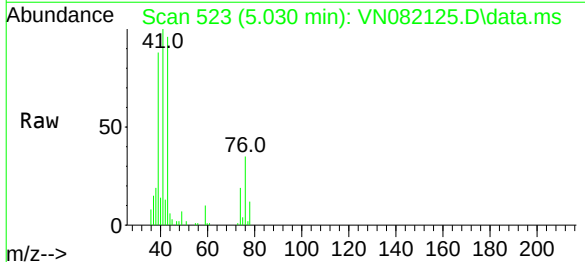
Tgt Ion: 142 Resp: 65520
Ion Ratio Lower Upper
142 100
127 46.4 26.3 78.9
141 13.3 8.3 24.9

Manual Integrations
APPROVED

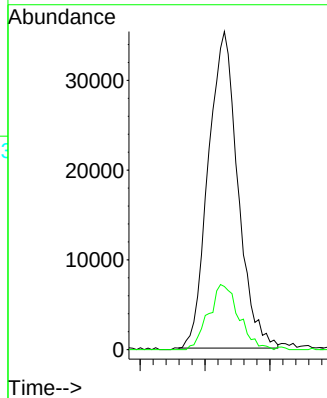
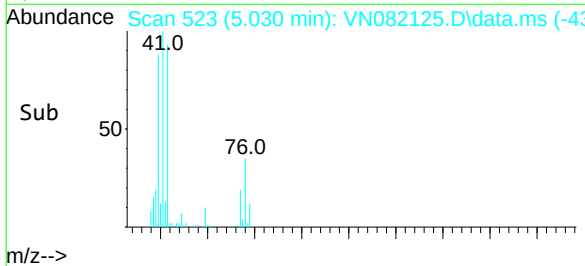
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

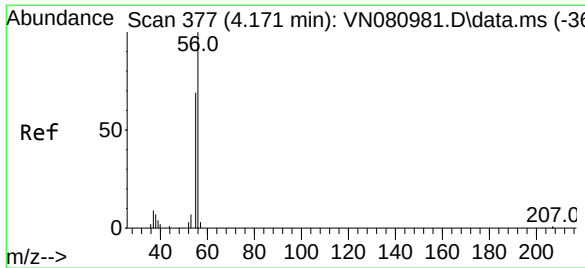


#12
Methyl Acetate
Concen: 25.109 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39



Tgt Ion: 43 Resp: 111814
Ion Ratio Lower Upper
43 100
74 19.7 27.7 41.5#





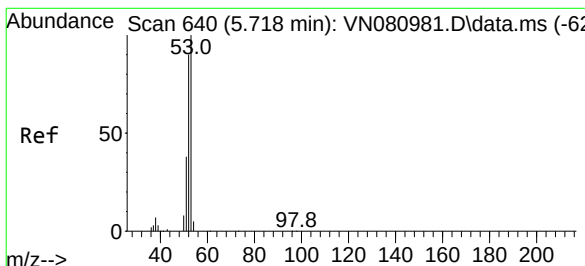
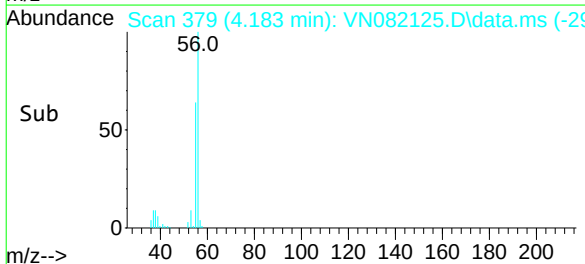
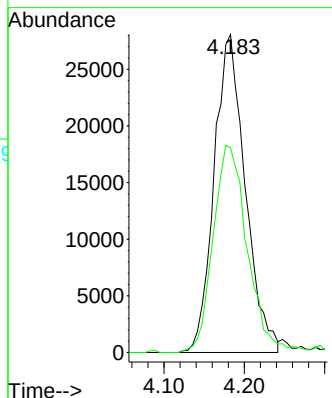
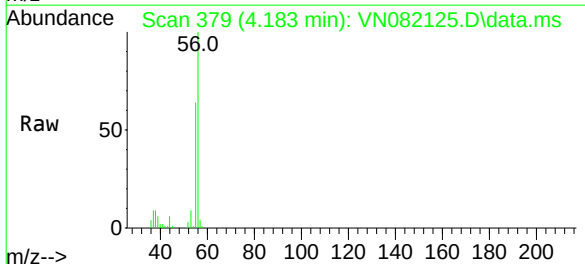
#13
Acrolein
Concen: 81.449 ug/l
RT: 4.183 min Scan# 37
Delta R.T. 0.012 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 56 Resp: 75533
Ion Ratio Lower Upper
56 100
55 70.7 55.5 83.3

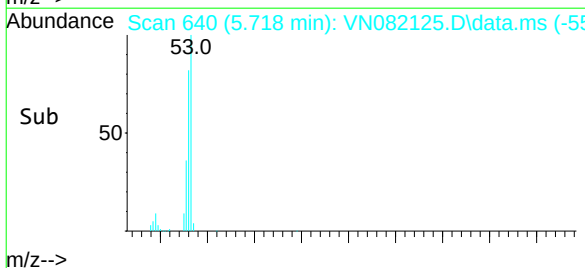
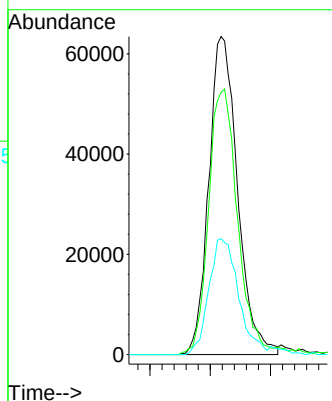
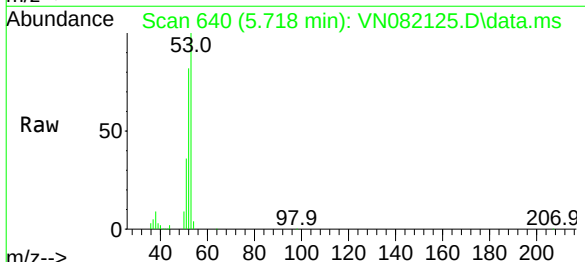
Manual Integrations
APPROVED

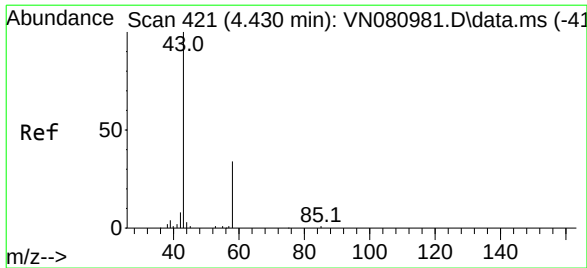
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#14
Acrylonitrile
Concen: 105.787 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Tgt Ion: 53 Resp: 210327
Ion Ratio Lower Upper
53 100
52 83.7 41.3 123.9
51 37.5 16.8 50.3





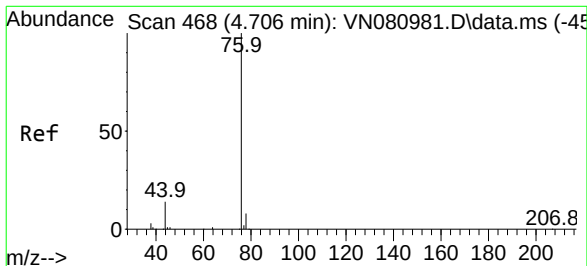
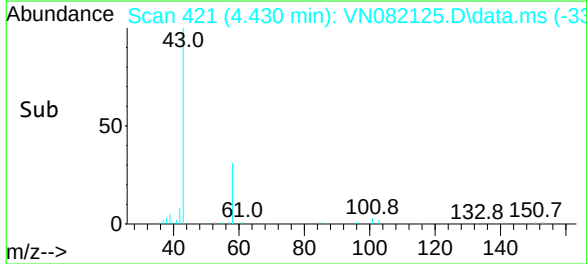
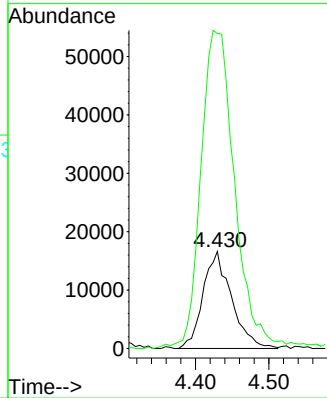
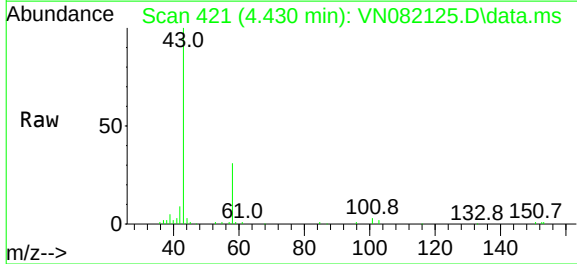
#15
Acetone
Concen: 100.042 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 44858
Ion Ratio Lower Upper
58 100
43 318.1 223.1 334.7

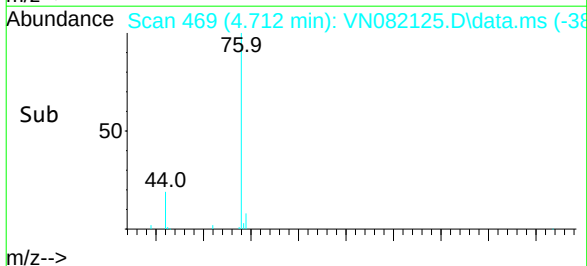
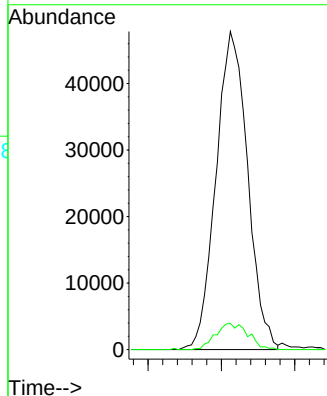
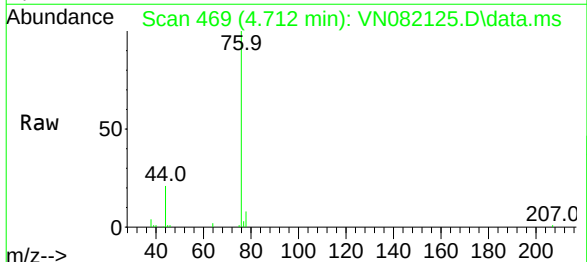
Manual Integrations
APPROVED

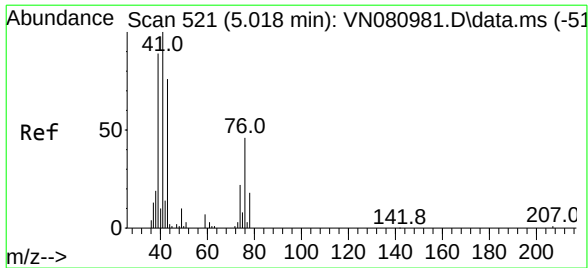
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#16
Carbon Disulfide
Concen: 14.876 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Tgt Ion: 76 Resp: 143383
Ion Ratio Lower Upper
76 100
78 8.3 6.3 9.5





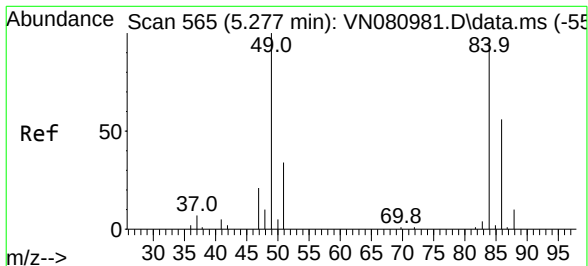
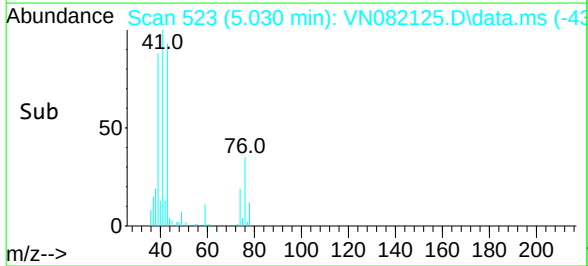
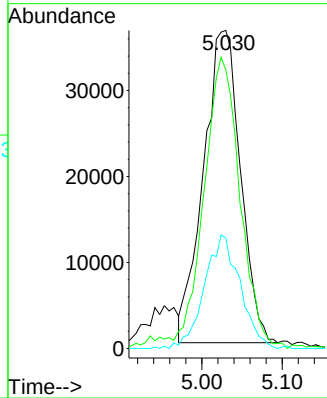
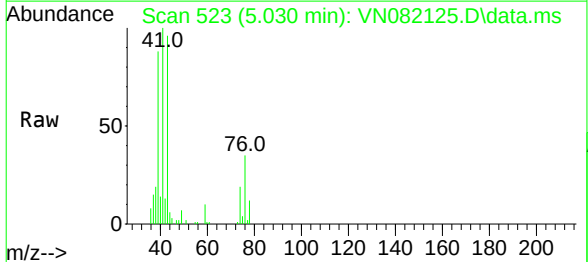
#17
 Allyl chloride
 Concen: 18.681 ug/l
 RT: 5.030 min Scan# 521
 Delta R.T. 0.012 min
 Lab File: VN082125.D
 Acq: 14 May 2024 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:	41	Resp:	116475
Ion	Ratio	Lower	Upper
41	100		
39	87.5	37.6	112.9
76	35.4	27.8	83.4

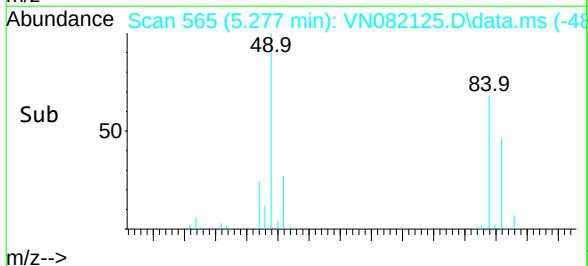
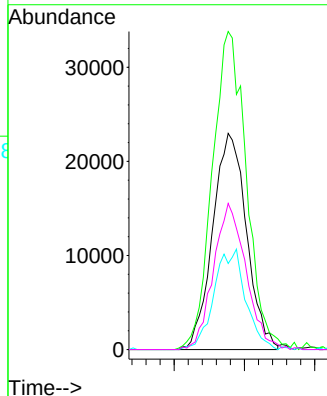
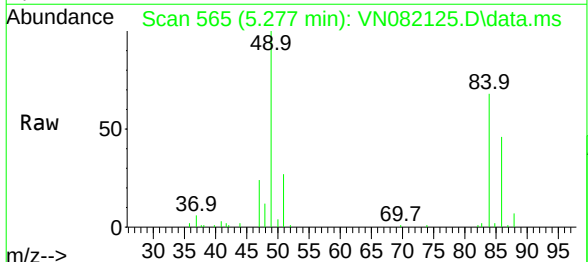
Manual Integrations
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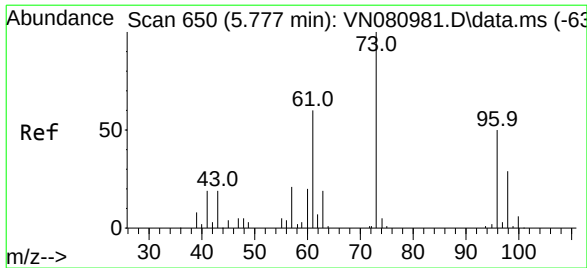
Reviewed By :John Carlone 05/15/2024
 Supervised By :Mahesh Dadoda 05/15/2024



#18
 Methylene Chloride
 Concen: 19.431 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN082125.D
 Acq: 14 May 2024 19:39

Tgt Ion:	84	Resp:	76919
Ion	Ratio	Lower	Upper
84	100		
49	146.4	86.0	129.0#
51	39.8	30.0	45.0
86	67.6	53.0	79.4





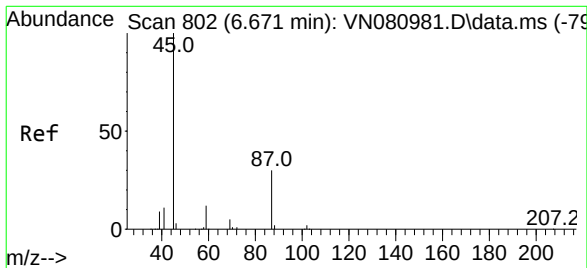
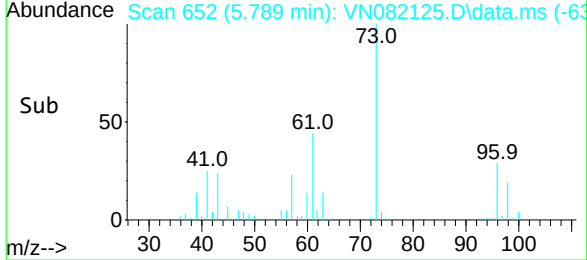
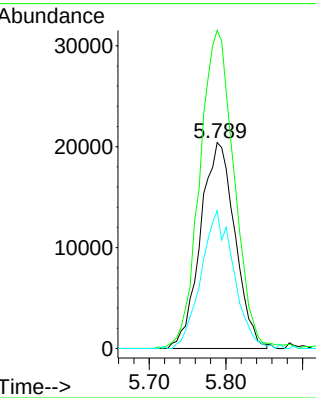
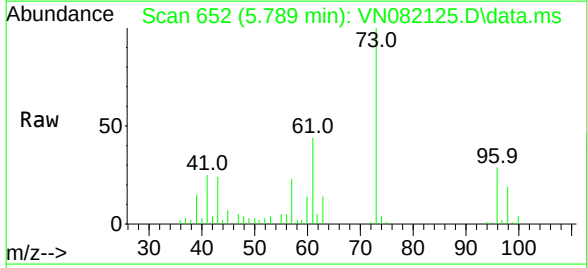
#19
trans-1,2-Dichloroethene
Concen: 17.555 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.012 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	96	Resp:	63651
Ion	Ratio	Lower	Upper
96	100		
61	153.0	111.8	167.6
98	66.9	49.2	73.8

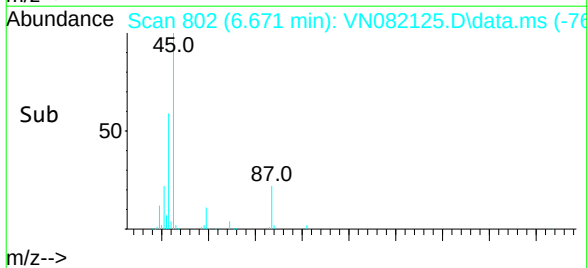
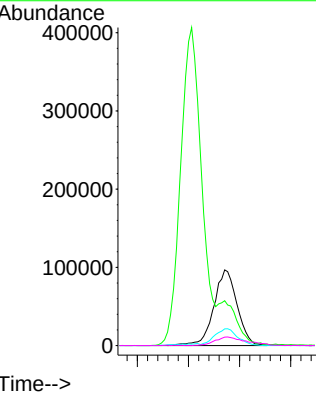
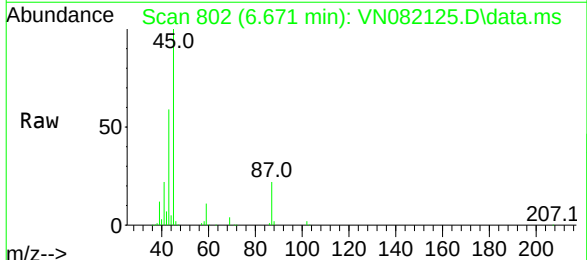
Manual Integrations
APPROVED

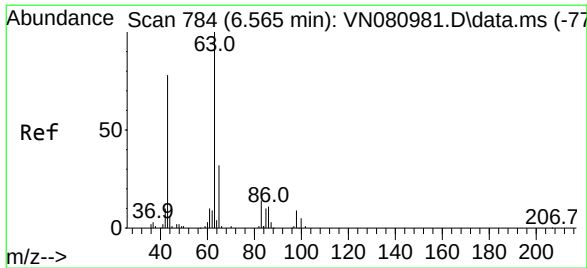
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#20
Diisopropyl ether
Concen: 22.632 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

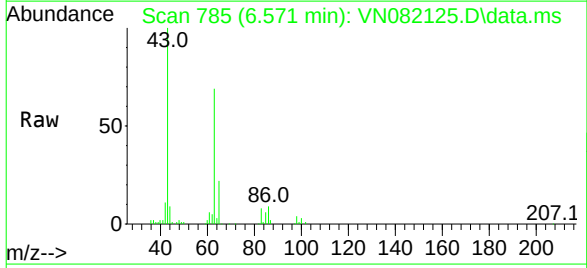
Tgt Ion:	45	Resp:	305854
Ion	Ratio	Lower	Upper
45	100		
43	57.3	40.4	60.6
87	22.1	23.8	35.8#
59	10.8	9.8	14.6





#21
1,1-Dichloroethane
Concen: 21.509 ug/l
RT: 6.571 min Scan# 784
Delta R.T. 0.006 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

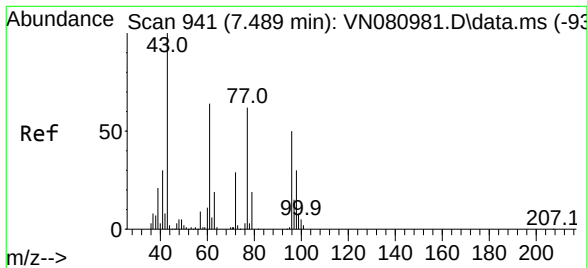
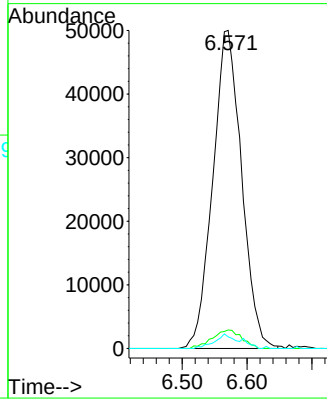
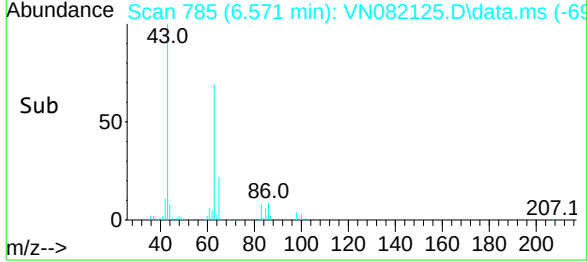
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



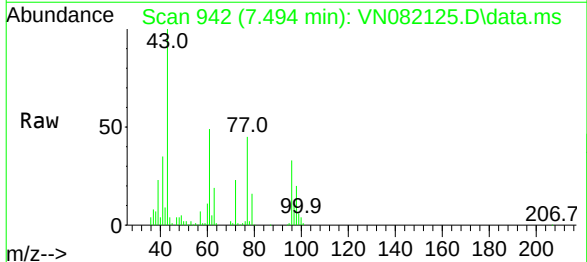
Tgt Ion: 63 Resp: 153915
Ion Ratio Lower Upper
63 100
98 5.8 4.1 12.3
100 3.7 3.0 9.0

Manual Integrations
APPROVED

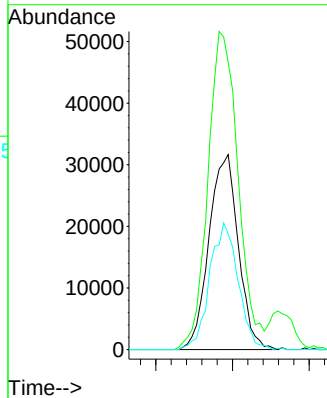
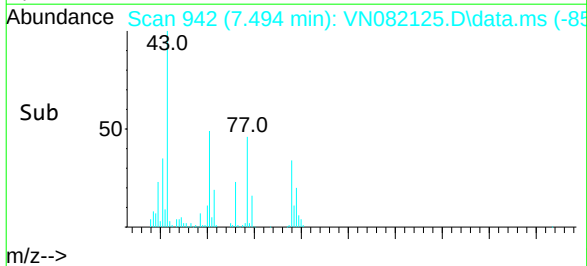
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

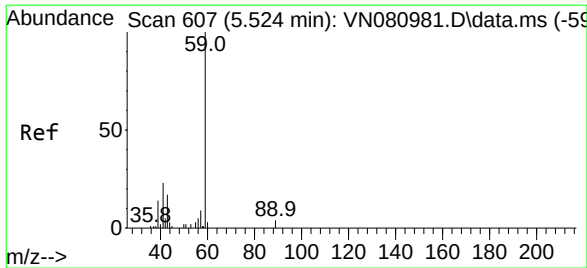


#22
cis-1,2-Dichloroethene
Concen: 19.019 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39



Tgt Ion: 96 Resp: 84220
Ion Ratio Lower Upper
96 100
61 167.6 113.5 170.3
98 62.9 52.0 78.0





#23

tert-Butyl Alcohol

Concen: 94.861 ug/l

RT: 5.524 min Scan# 607

Delta R.T. -0.000 min

Lab File: VN082125.D

Acq: 14 May 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 59 Resp: 77703

Ion Ratio Lower Upper

59 100

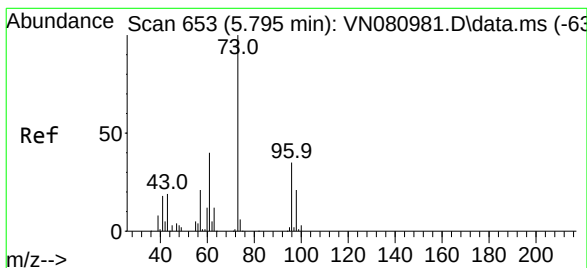
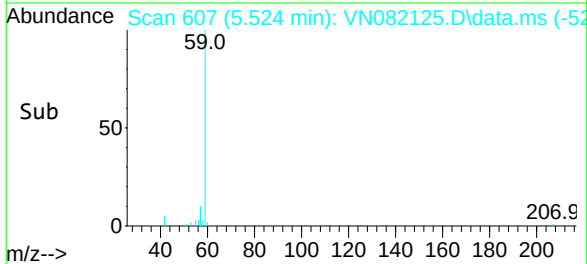
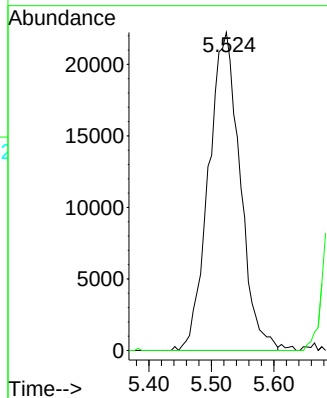
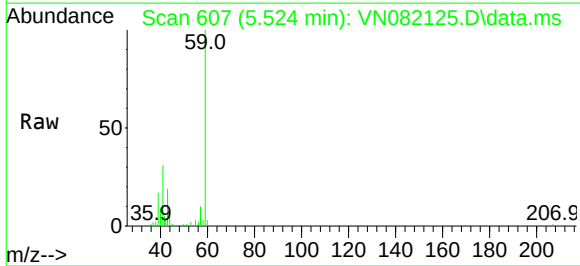
52 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#24

Methyl tert-Butyl Ether

Concen: 20.112 ug/l

RT: 5.800 min Scan# 654

Delta R.T. 0.006 min

Lab File: VN082125.D

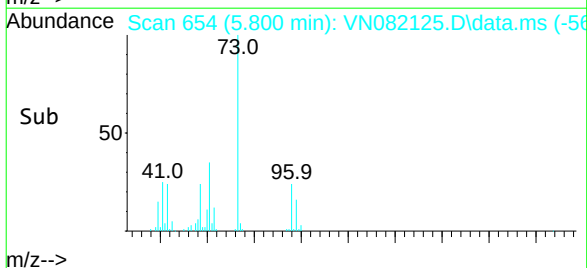
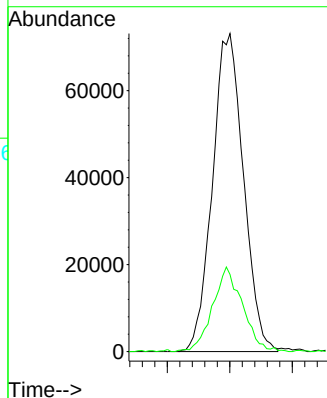
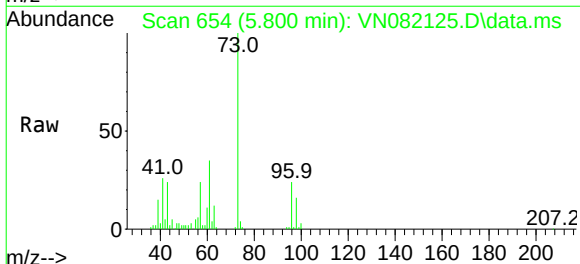
Acq: 14 May 2024 19:39

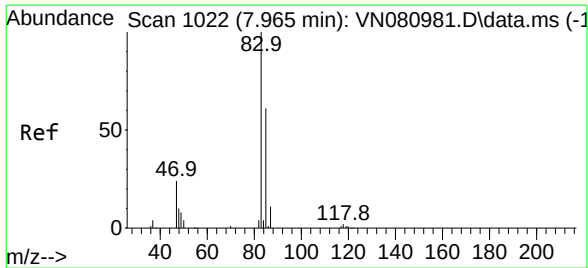
Tgt Ion: 73 Resp: 252286

Ion Ratio Lower Upper

73 100

43 25.1 13.4 20.2





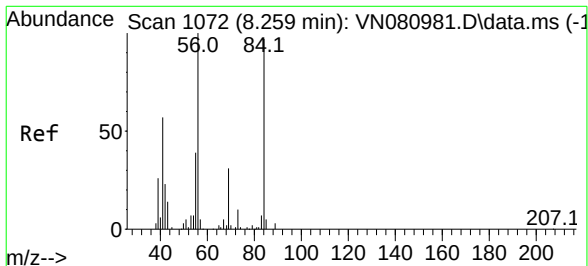
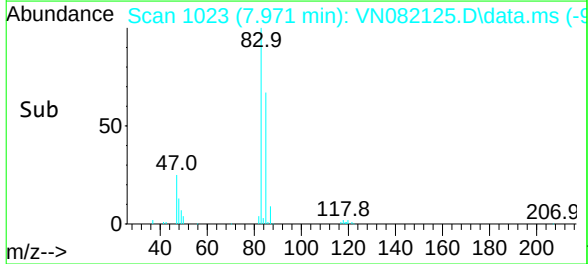
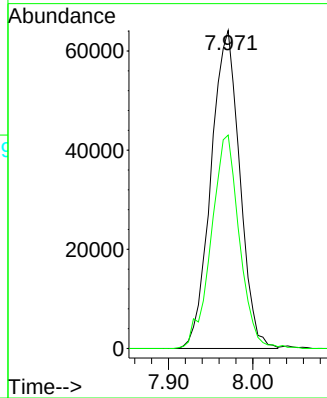
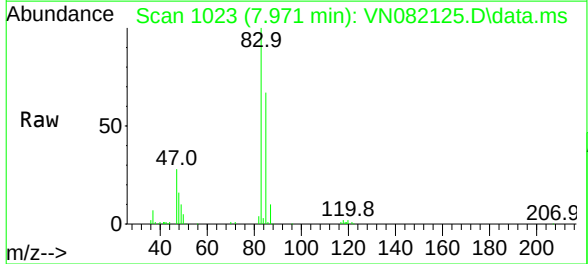
#25
Chloroform
Concen: 22.092 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	50.9	76.3

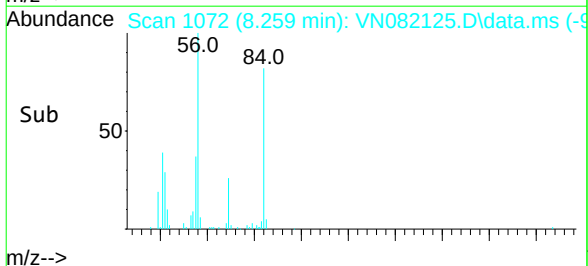
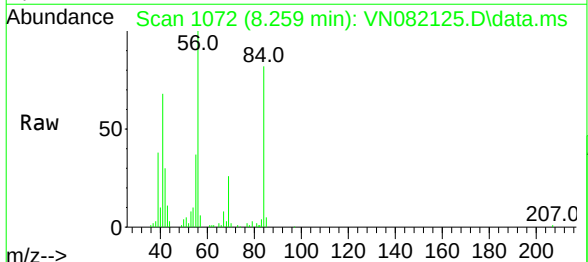
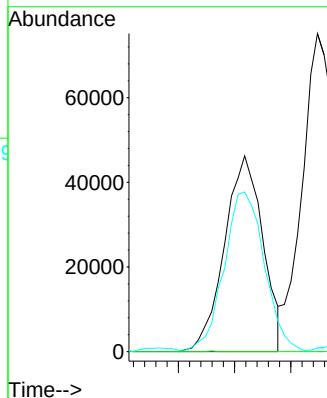
Manual Integrations
APPROVED

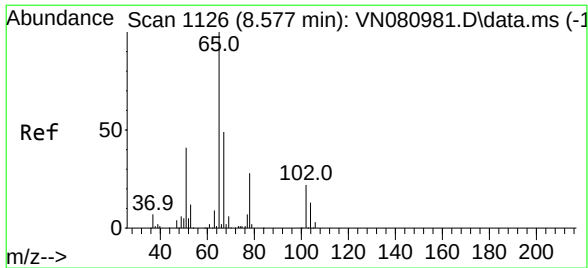
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#26
Cyclohexane
Concen: 17.870 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.0	19.3	28.9
84	85.6	71.3	106.9





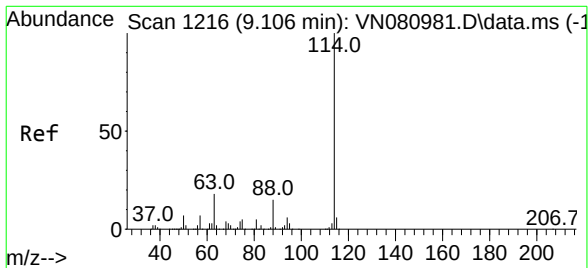
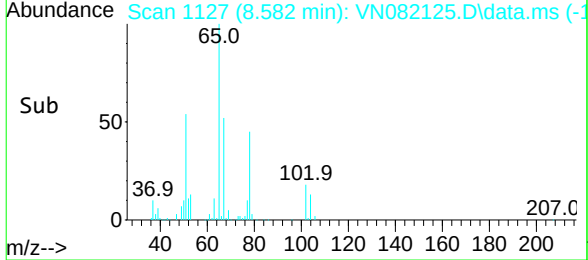
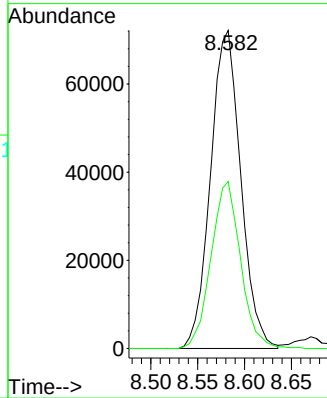
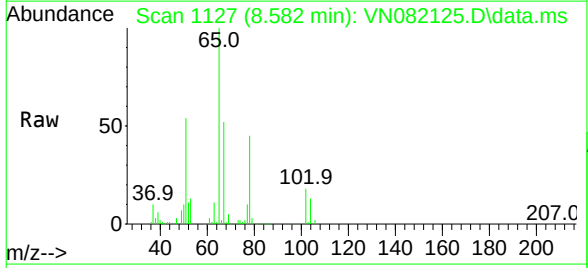
#27
1,2-Dichloroethane-d4
Concen: 33.949 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 162027
Ion Ratio Lower Upper
65 100
67 51.1 43.2 64.8

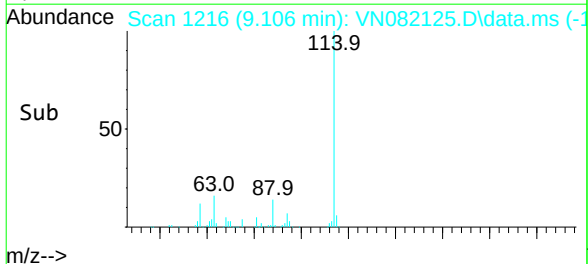
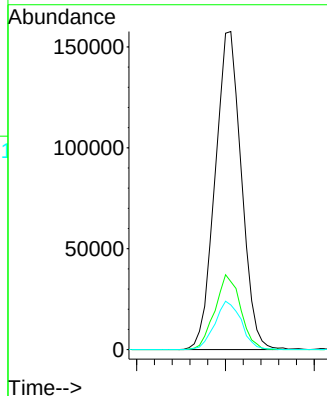
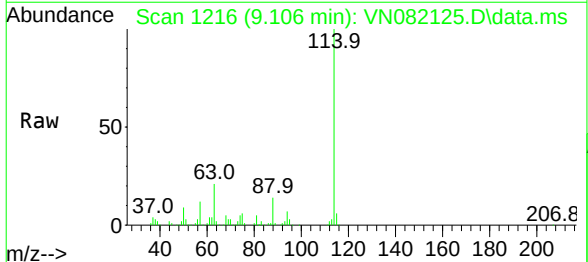
Manual Integrations
APPROVED

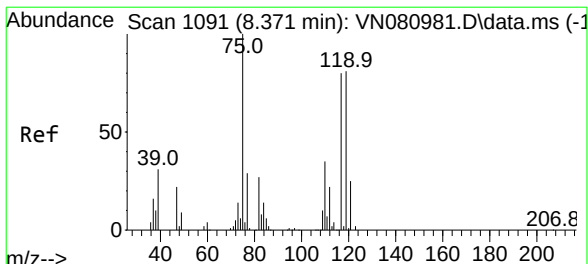
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Tgt Ion:114 Resp: 324182
Ion Ratio Lower Upper
114 100
63 23.0 15.9 23.9
88 15.3 12.7 19.1





#29
 1,1-Dichloropropene
 Concen: 20.079 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. -0.000 min
 Lab File: VN082125.D
 Acq: 14 May 2024 19:39

Instrument :

MSVOA_N

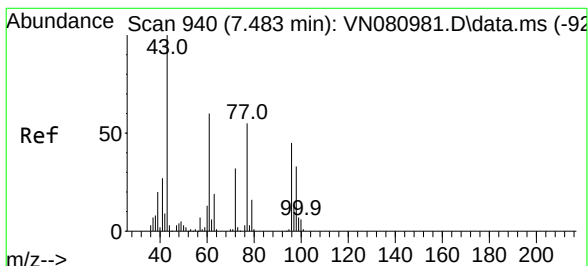
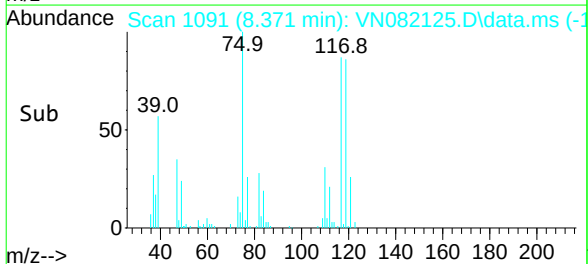
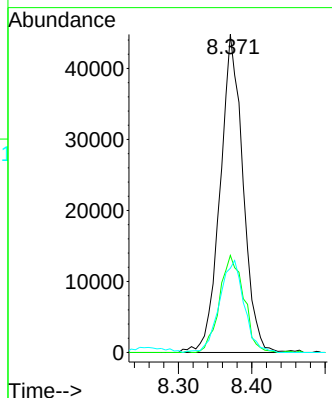
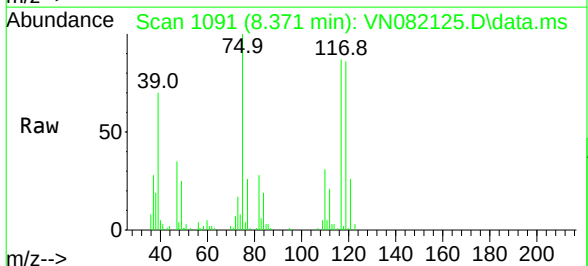
ClientSampleId :

VSTDCCC020EC

Tgt Ion:	75	Resp:	96909
Ion	Ratio	Lower	Upper
75	100		
110	32.4	0.0	70.2
77	31.0	0.0	61.4

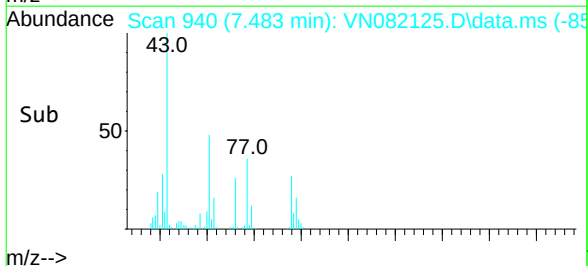
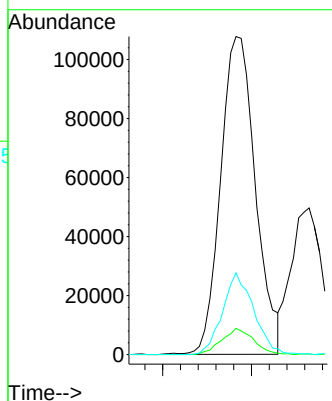
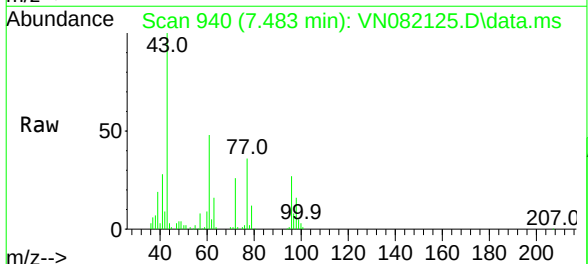
Manual Integrations
 APPROVED

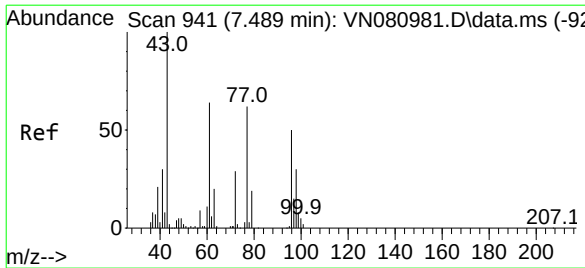
Reviewed By :John Carlone 05/15/2024
 Supervised By :Mahesh Dadoda 05/15/2024



#30
 2-Butanone
 Concen: 117.734 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN082125.D
 Acq: 14 May 2024 19:39

Tgt Ion:	43	Resp:	292899
Ion	Ratio	Lower	Upper
43	100		
57	7.6	6.7	10.1
72	23.1	24.0	36.0#





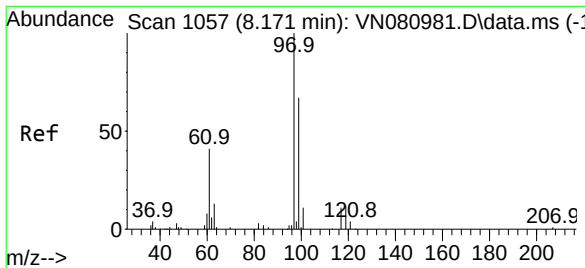
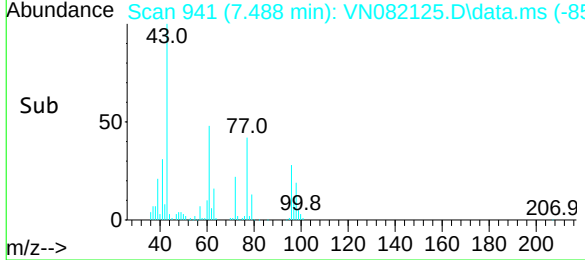
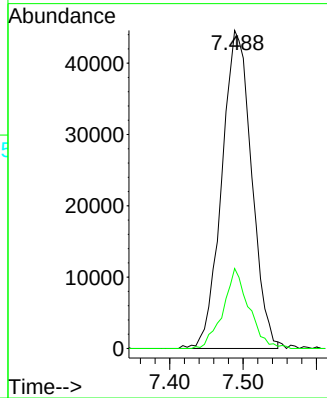
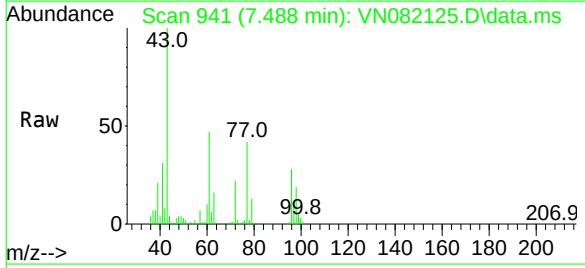
#31
2,2-Dichloropropane
Concen: 25.436 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 125803
Ion Ratio Lower Upper
77 100
97 21.7 18.3 27.5

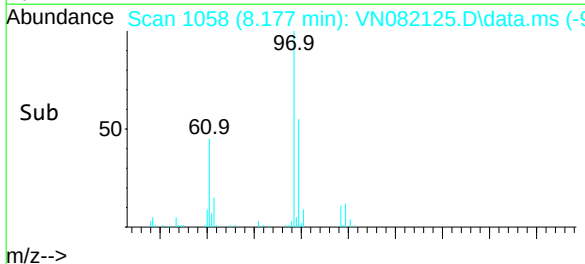
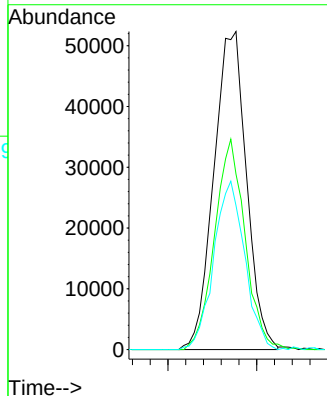
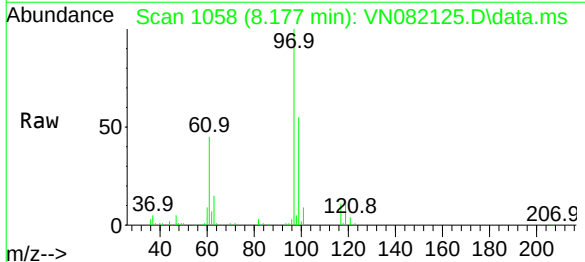
Manual Integrations
APPROVED

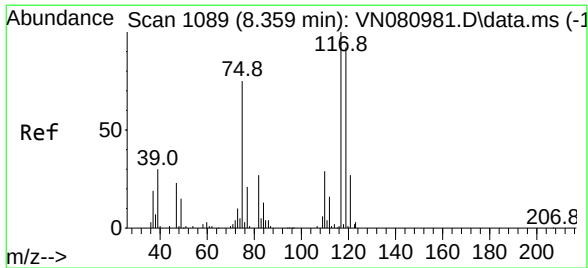
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#32
1,1,1-Trichloroethane
Concen: 24.118 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Tgt Ion: 97 Resp: 133874
Ion Ratio Lower Upper
97 100
99 61.5 51.0 76.4
61 50.2 33.8 50.8





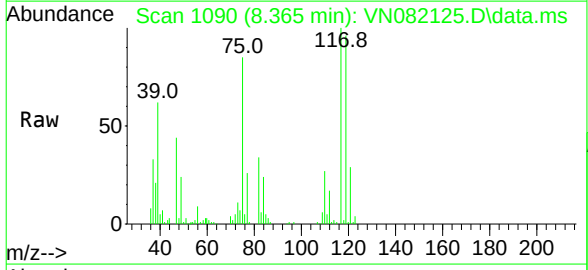
#33
Carbon Tetrachloride
Concen: 23.355 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

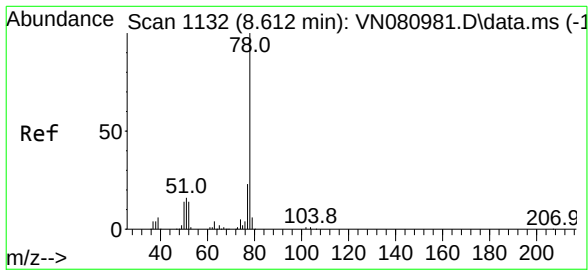
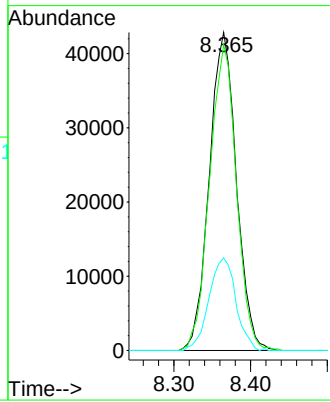
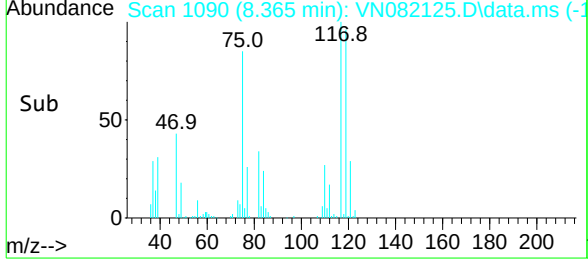


Tgt Ion:	117	Resp:	105206
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.7	116.5
121	29.1	27.0	40.6

Manual Integrations

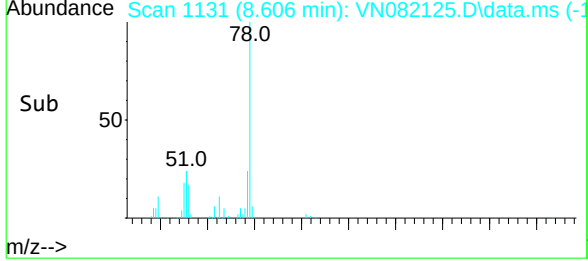
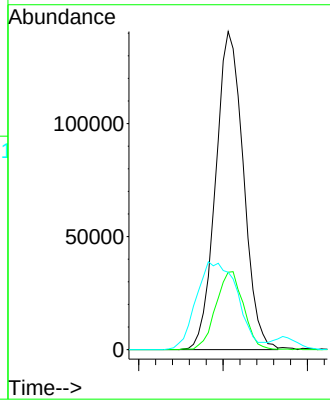
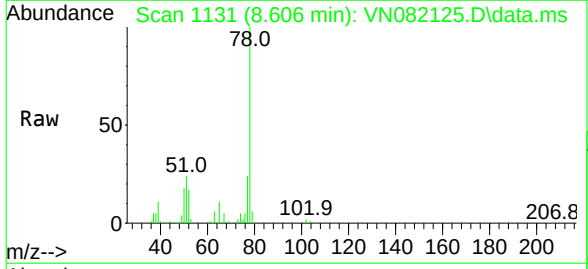
APPROVED

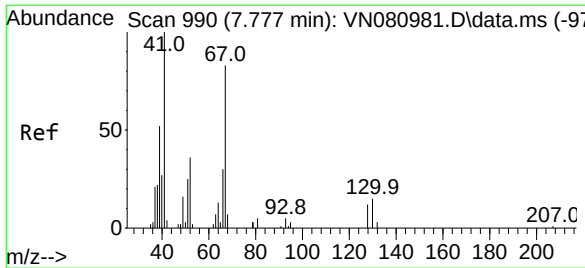
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#34
Benzene
Concen: 20.890 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Tgt Ion:	78	Resp:	321645
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.2	28.8
51	22.4	13.3	19.9





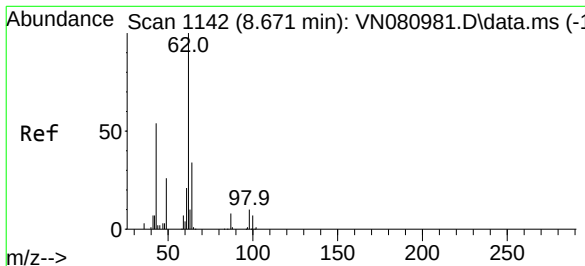
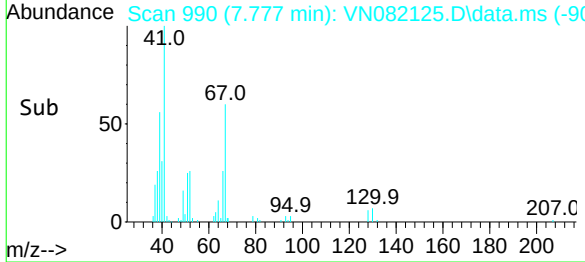
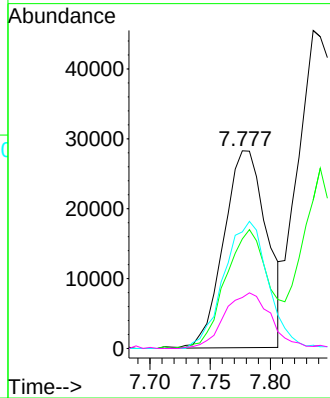
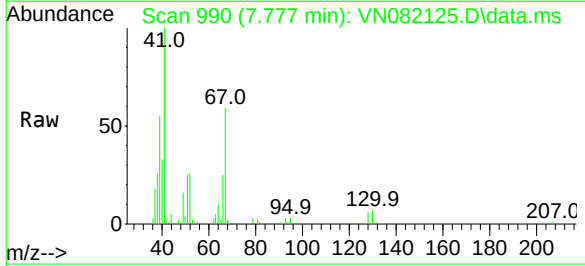
#35
Methacrylonitrile
Concen: 22.192 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 41 Resp: 69848
Ion Ratio Lower Upper
41 100
39 55.1 25.3 75.9
67 59.3 38.7 116.1
52 25.9 13.6 40.8

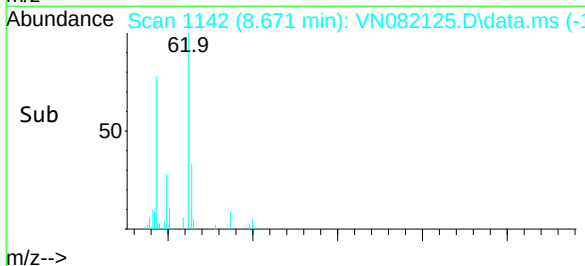
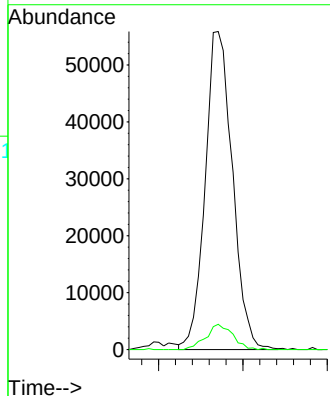
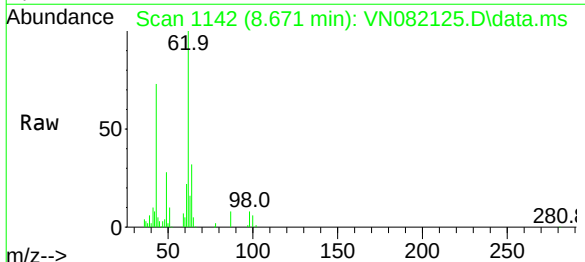
Manual Integrations
APPROVED

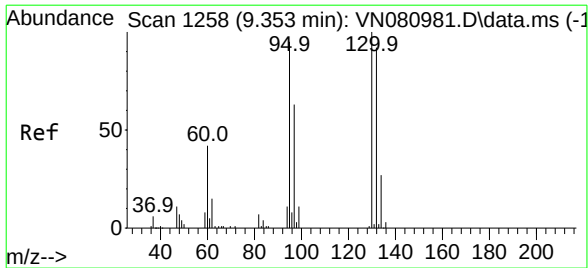
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#36
1,2-Dichloroethane
Concen: 24.296 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Tgt Ion: 62 Resp: 125576
Ion Ratio Lower Upper
62 100
98 7.8 8.2 12.4#





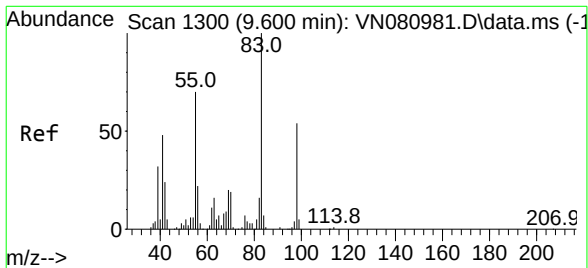
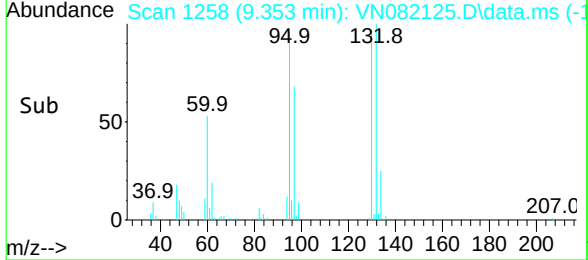
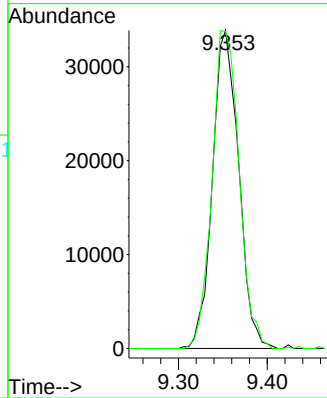
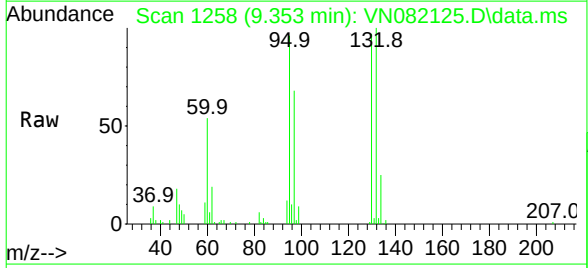
#37
Trichloroethene
Concen: 18.390 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:130 Resp: 69352
Ion Ratio Lower Upper
130 100
95 99.6 80.2 120.4

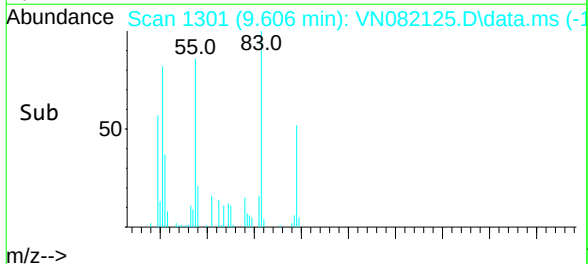
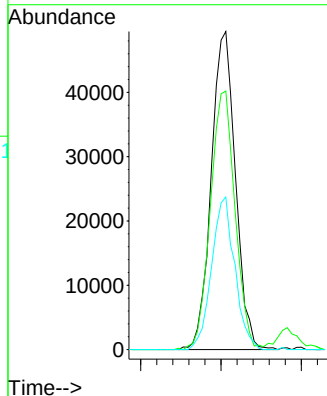
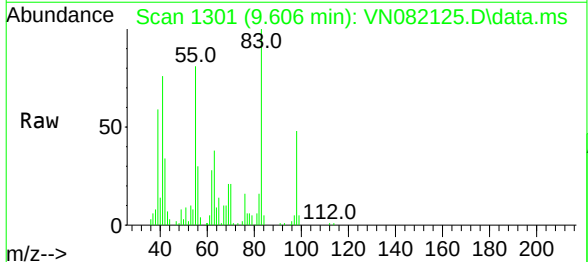
Manual Integrations
APPROVED

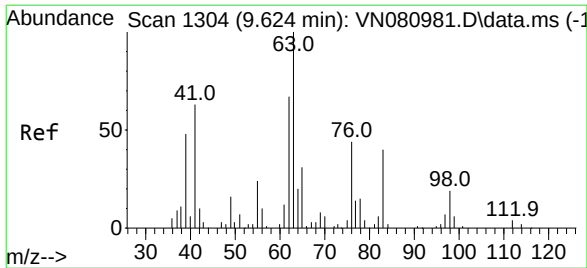
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#38
Methylcyclohexane
Concen: 17.765 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Tgt Ion: 83 Resp: 103576
Ion Ratio Lower Upper
83 100
55 82.4 36.6 109.9
98 45.9 23.8 71.5





#39

1,2-Dichloropropane

Concen: 21.928 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082125.D

Acq: 14 May 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 86630

Ion Ratio Lower Upper

63 100

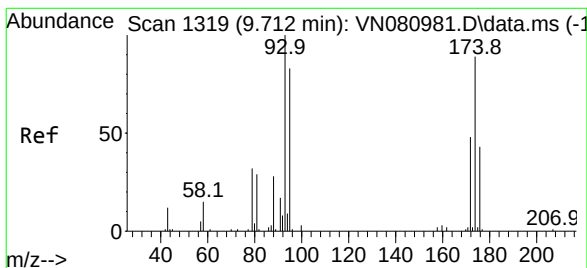
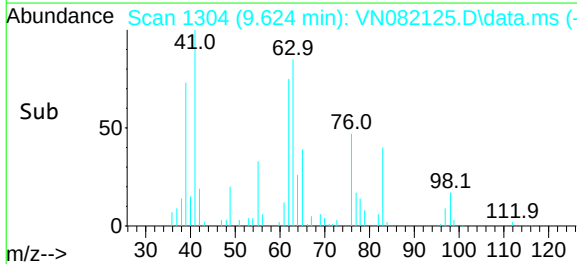
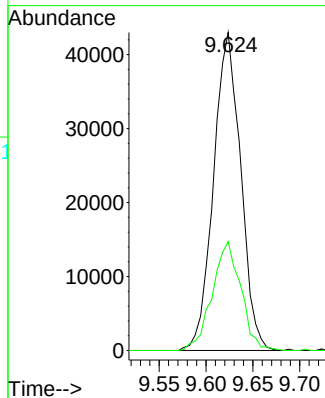
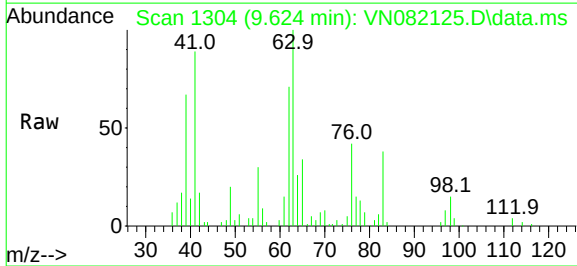
65 34.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#40

Dibromomethane

Concen: 21.609 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082125.D

Acq: 14 May 2024 19:39

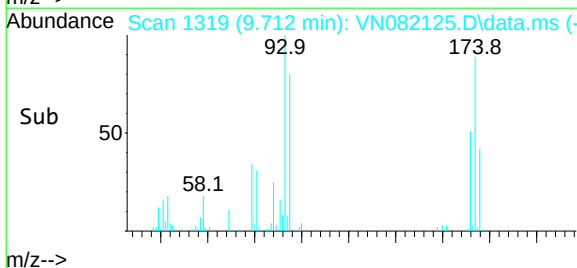
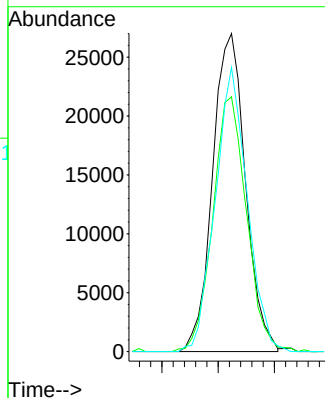
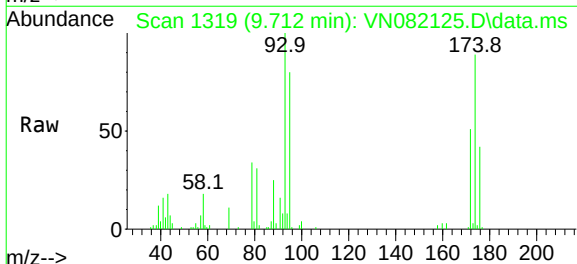
Tgt Ion: 93 Resp: 54843

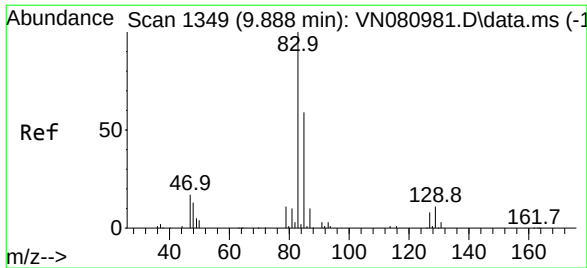
Ion Ratio Lower Upper

93 100

95 81.9 0.0 164.6

174 87.0 0.0 193.2





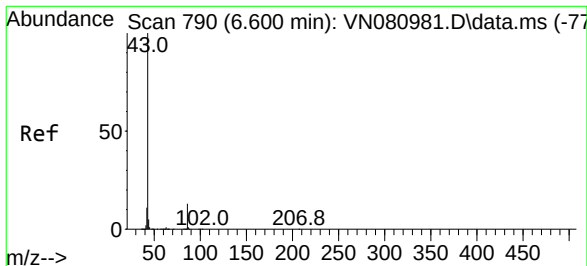
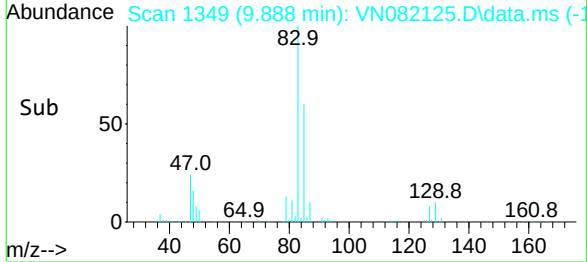
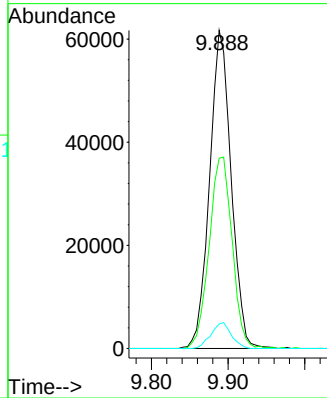
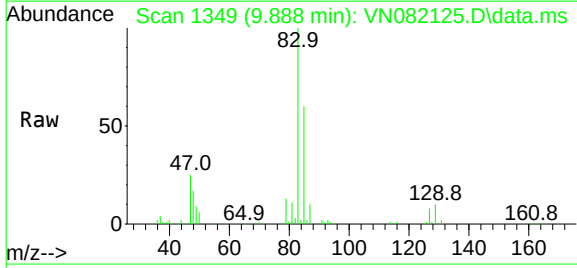
#41
Bromodichloromethane
Concen: 22.256 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 120732
Ion Ratio Lower Upper
83 100
85 59.8 49.4 74.2
127 8.4 7.3 10.9

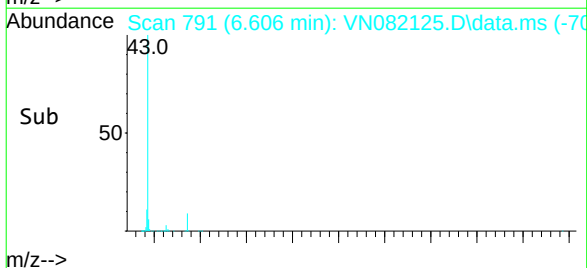
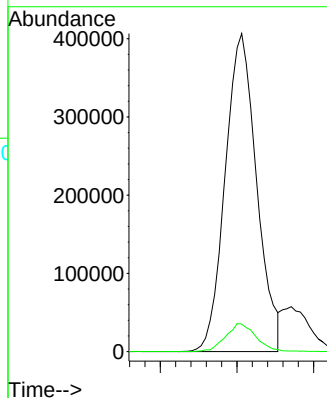
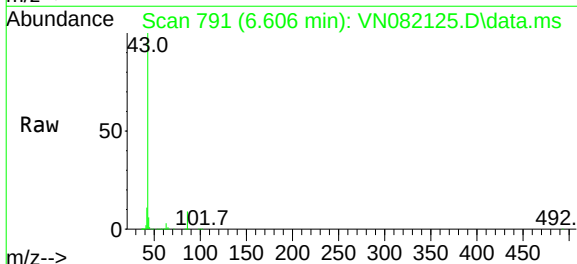
Manual Integrations
APPROVED

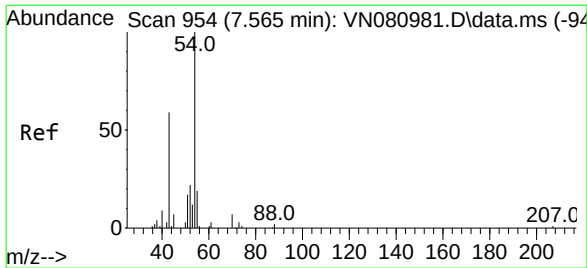
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#42
Vinyl Acetate
Concen: 109.456 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

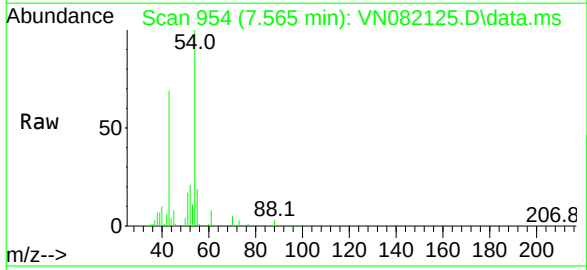
Tgt Ion: 43 Resp: 1159029
Ion Ratio Lower Upper
43 100
86 8.5 9.4 14.2#





#43
Ethyl Acetate
Concen: 23.944 ug/l
RT: 7.565 min Scan# 954
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

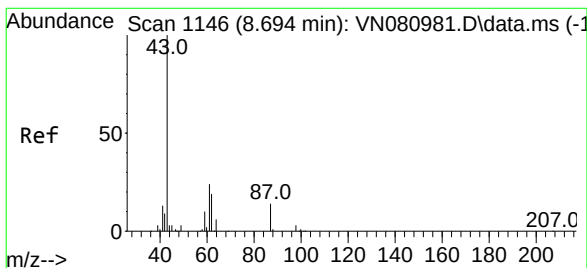
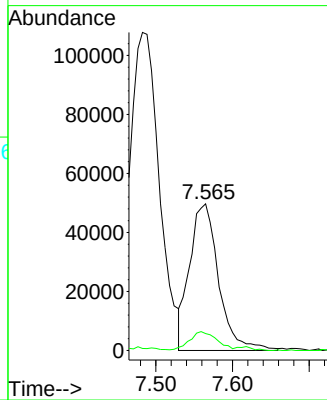
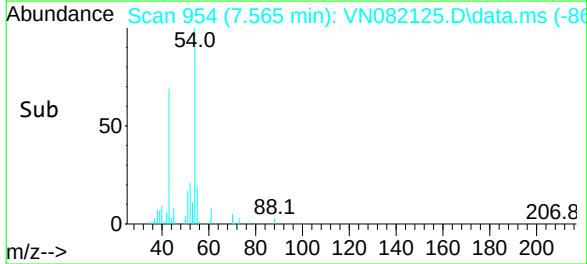
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



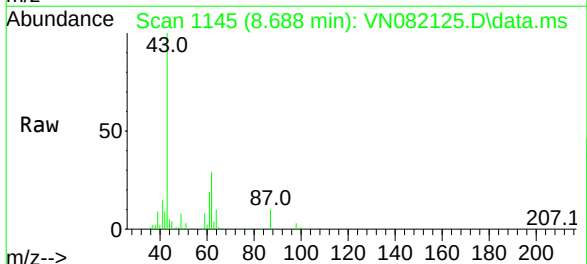
Tgt Ion: 43 Resp: 130320
Ion Ratio Lower Upper
43 100
45 11.4 10.6 15.8

Manual Integrations
APPROVED

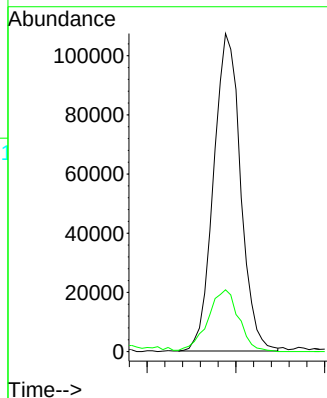
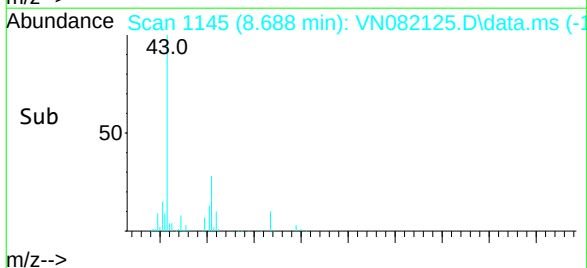
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

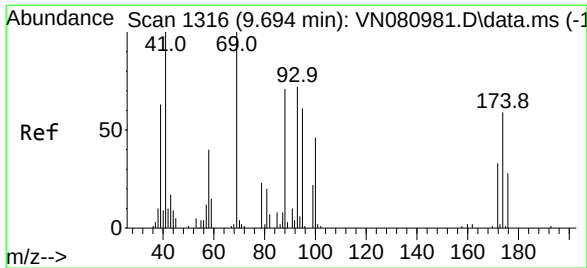


#44
Isopropyl Acetate
Concen: 23.565 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39



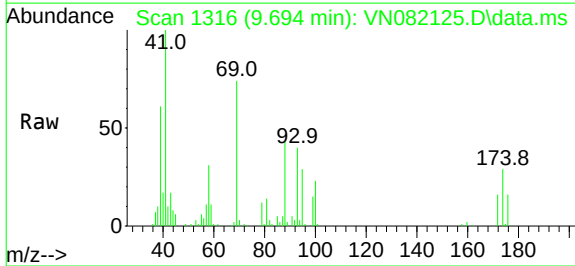
Tgt Ion: 43 Resp: 226901
Ion Ratio Lower Upper
43 100
61 22.4 25.0 37.4#





#45
1,4-Dioxane
Concen: 398.535 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

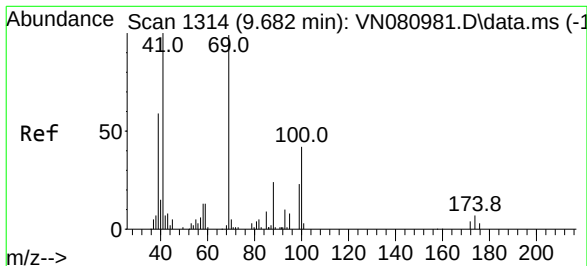
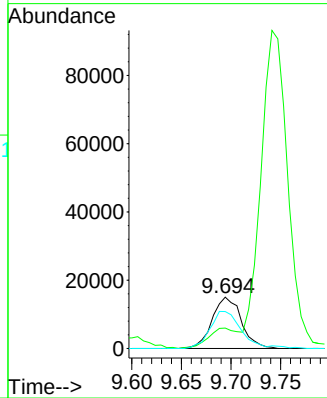
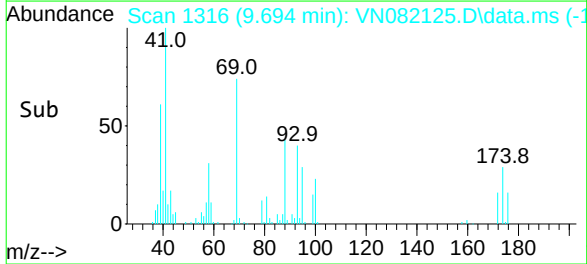
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 30778
Ion Ratio Lower Upper
88 100
43 43.3 19.8 29.6#
58 75.2 55.4 83.0

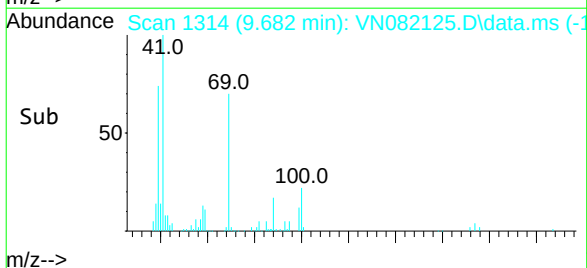
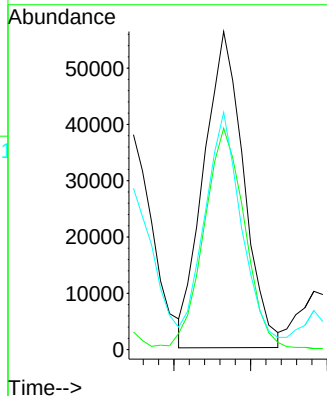
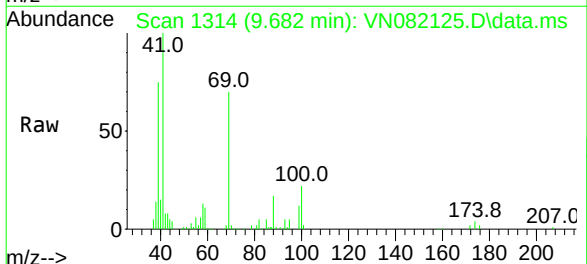
Manual Integrations
APPROVED

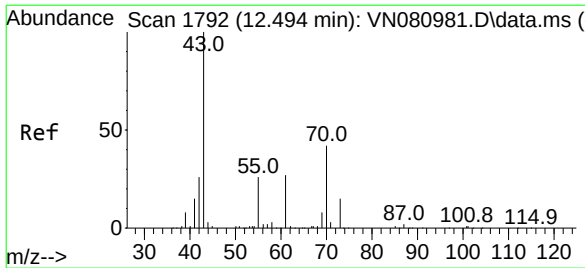
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#46
Methyl methacrylate
Concen: 23.053 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Tgt Ion: 41 Resp: 101422
Ion Ratio Lower Upper
41 100
69 71.1 51.1 153.3
39 74.7 25.8 77.3





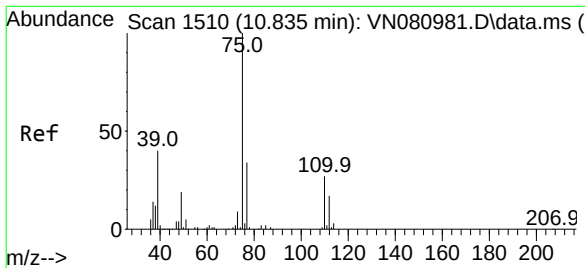
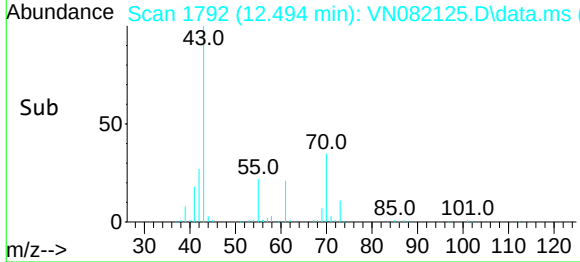
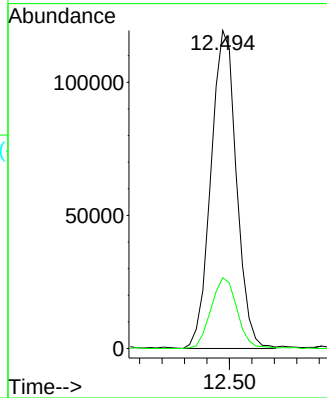
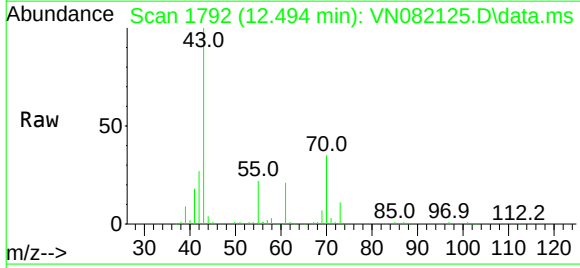
#47
n-amy1 Acetate
Concen: 21.739 ug/l m
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 188765
Ion Ratio Lower Upper
43 100
55 0.0 23.4 35.2#

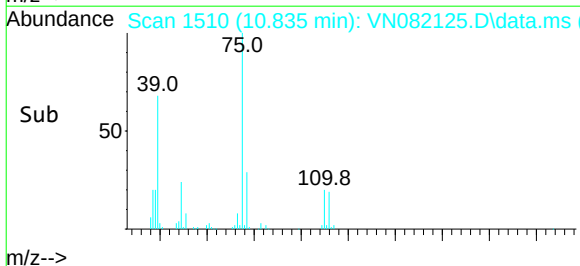
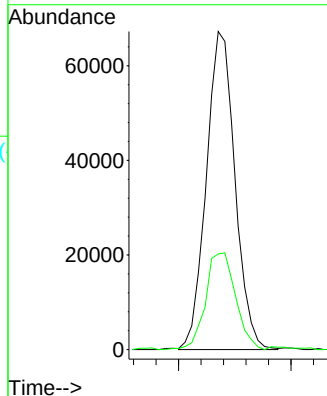
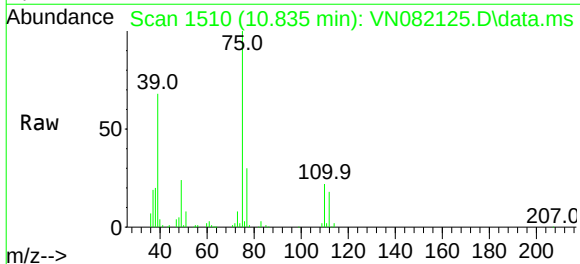
Manual Integrations
APPROVED

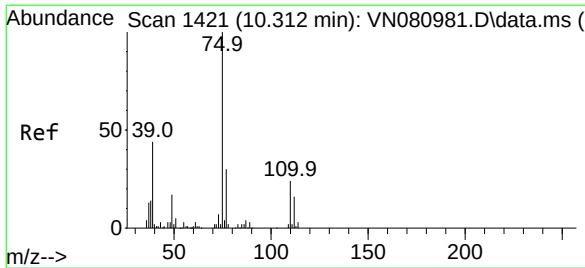
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#48
t-1,3-Dichloropropene
Concen: 20.257 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Tgt Ion: 75 Resp: 119167
Ion Ratio Lower Upper
75 100
77 29.8 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 20.590 ug/l

RT: 10.318 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VN082125.D

Acq: 14 May 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

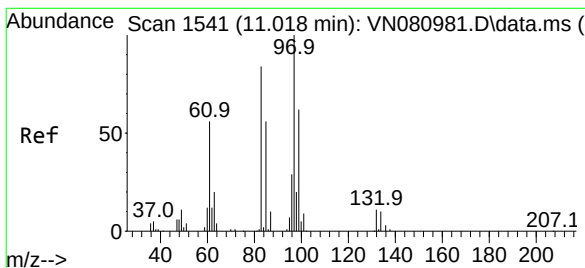
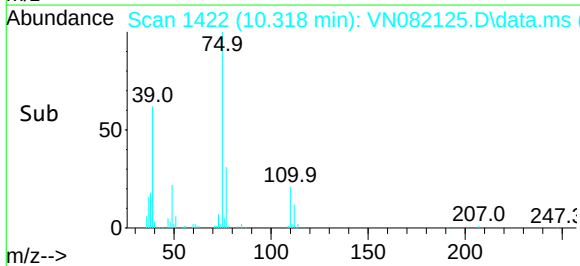
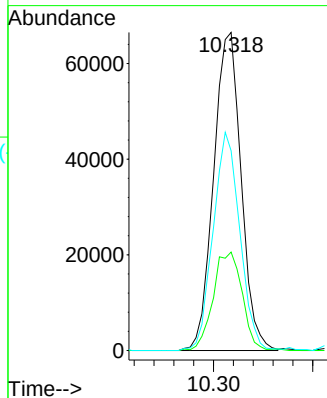
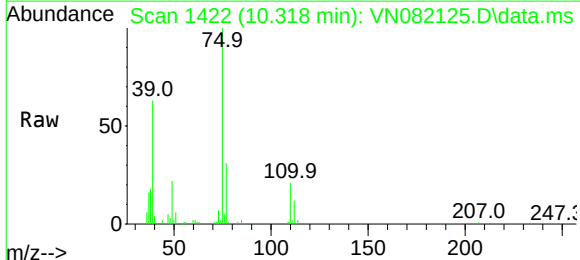
Tgt Ion	75	Resp	128061
Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.9	37.3
39	62.8	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#50

1,1,2-Trichloroethane

Concen: 22.523 ug/l

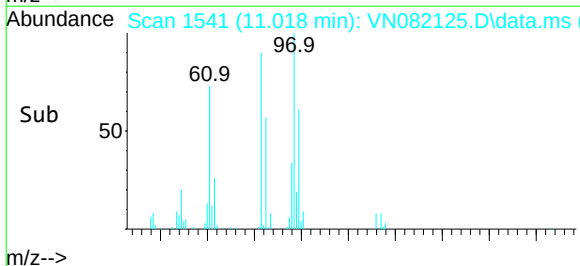
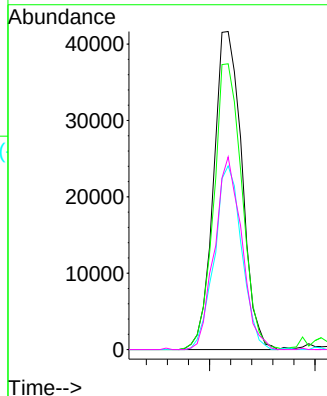
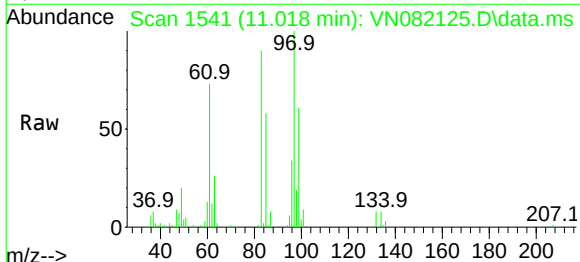
RT: 11.018 min Scan# 1541

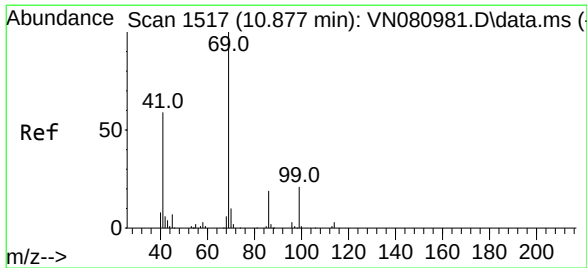
Delta R.T. -0.000 min

Lab File: VN082125.D

Acq: 14 May 2024 19:39

Tgt Ion	97	Resp	77554
Ion	Ratio	Lower	Upper
97	100		
83	89.9	68.1	102.1
85	57.8	41.8	62.6
99	60.6	47.0	70.4





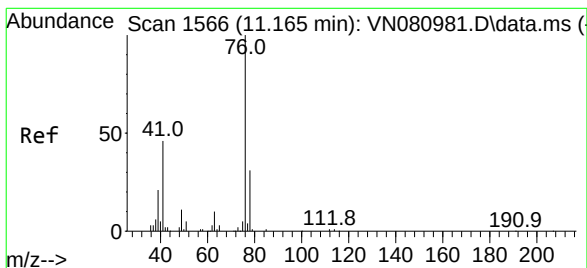
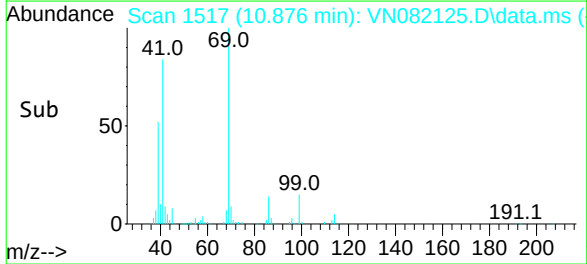
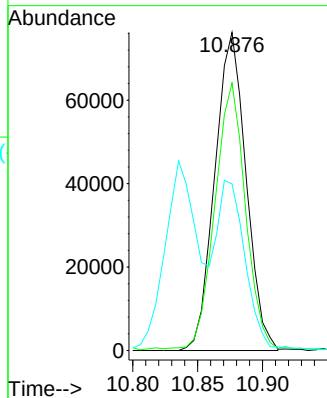
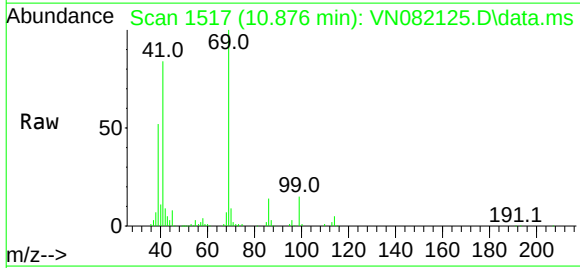
#51
Ethyl methacrylate
Concen: 19.626 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 69 Resp: 127543
Ion Ratio Lower Upper
69 100
41 83.4 25.5 76.5#
39 51.2 16.0 47.9#

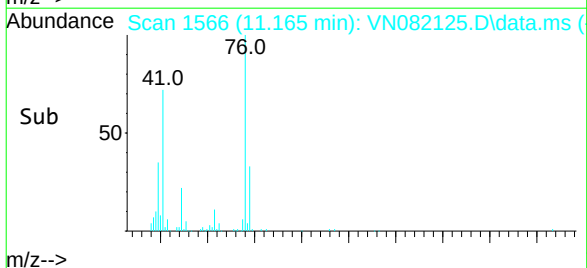
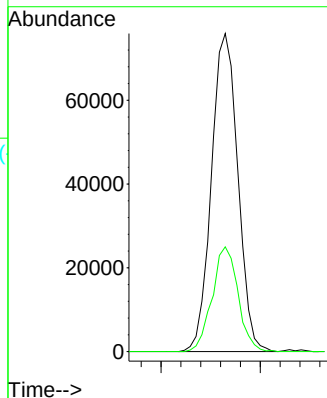
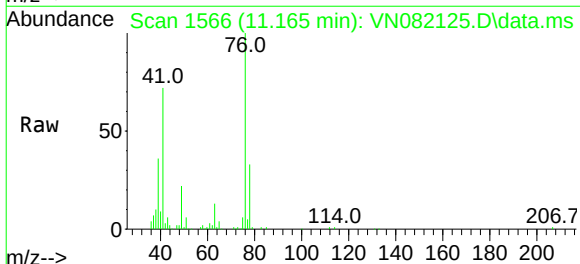
Manual Integrations
APPROVED

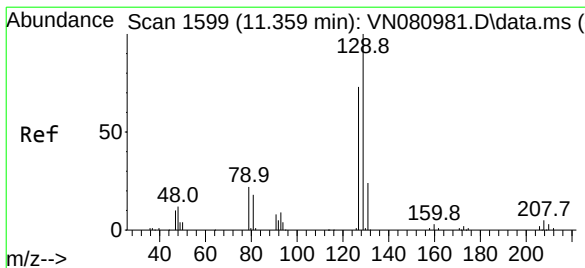
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#52
1,3-Dichloropropane
Concen: 22.191 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Tgt Ion: 76 Resp: 140384
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.8





#53

Dibromochloromethane

Concen: 22.695 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN082125.D

Acq: 14 May 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:129 Resp: 85023

Ion Ratio Lower Upper

129 100

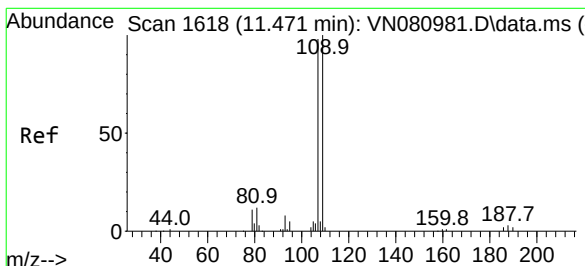
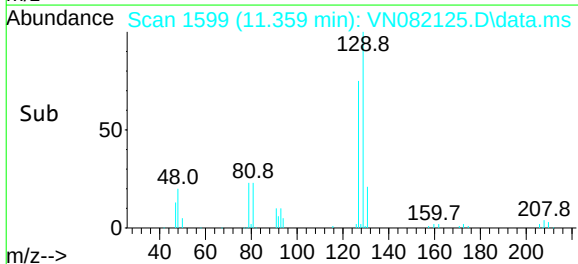
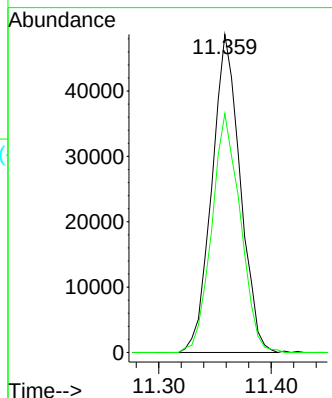
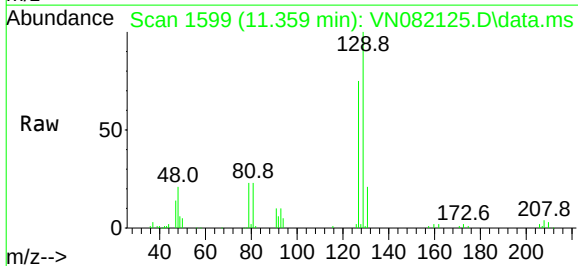
127 75.8 39.4 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#54

1,2-Dibromoethane

Concen: 21.026 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VN082125.D

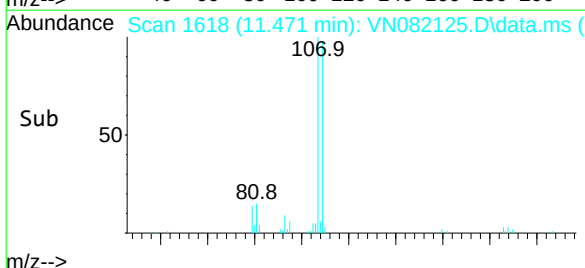
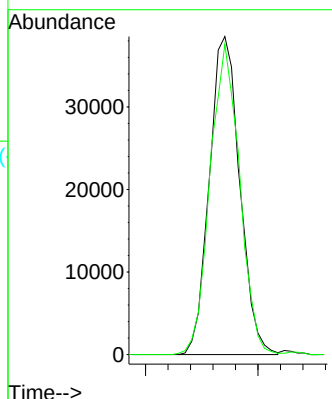
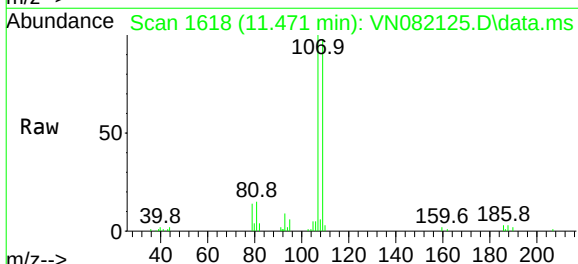
Acq: 14 May 2024 19:39

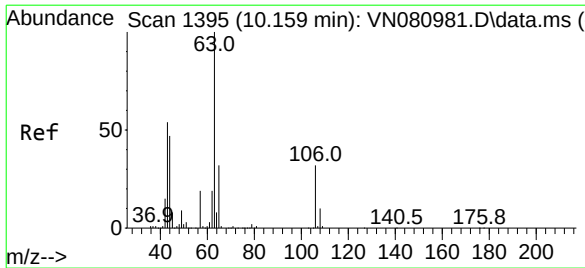
Tgt Ion:107 Resp: 72203

Ion Ratio Lower Upper

107 100

109 95.2 74.7 112.1





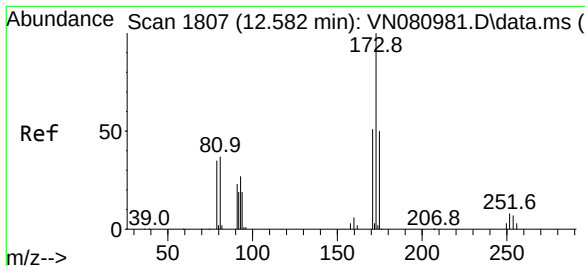
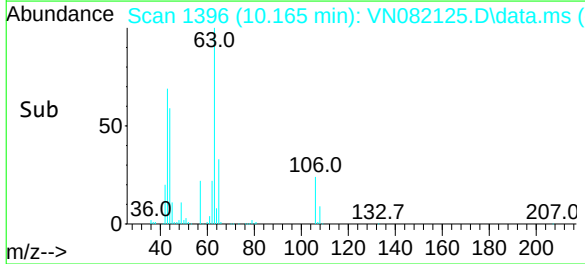
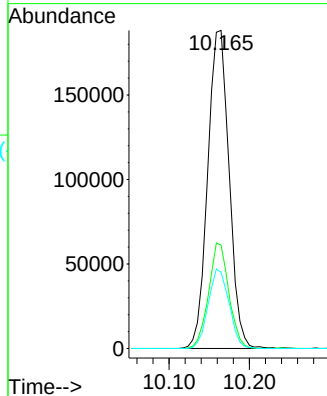
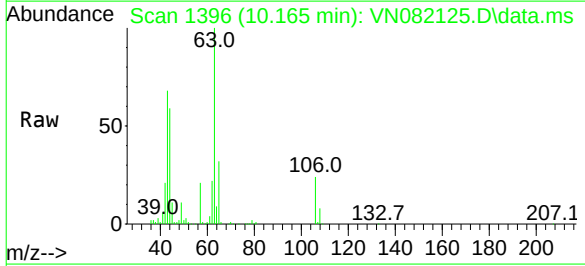
#55
2-Chloroethyl vinyl ether
Concen: 107.234 ug/l
RT: 10.165 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	63	Resp:	348478
Ion	Ratio	Lower	Upper
63	100		
65	31.4	26.2	39.2
106	24.3	23.8	35.8

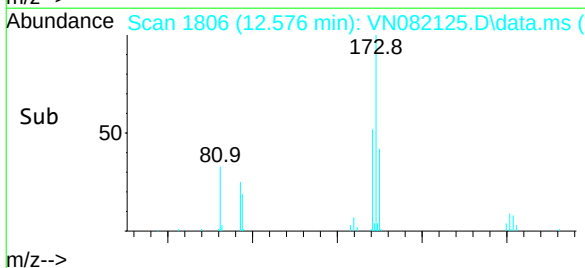
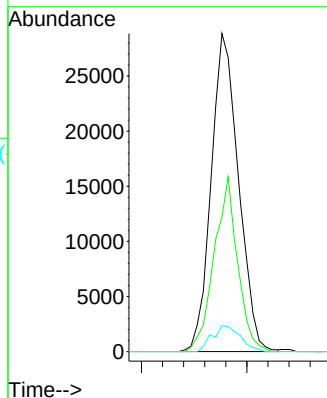
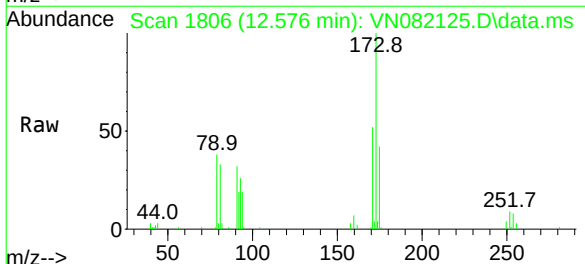
Manual Integrations
APPROVED

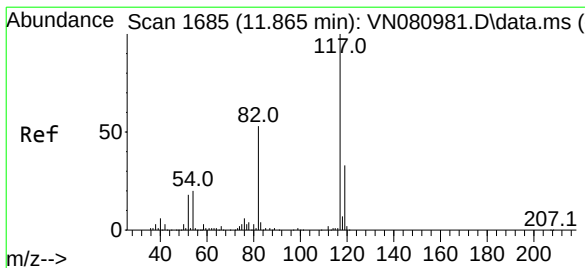
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#56
Bromoform
Concen: 22.770 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Tgt Ion:	173	Resp:	51918
Ion	Ratio	Lower	Upper
173	100		
175	47.3	40.0	60.0
254	8.4	8.3	12.5





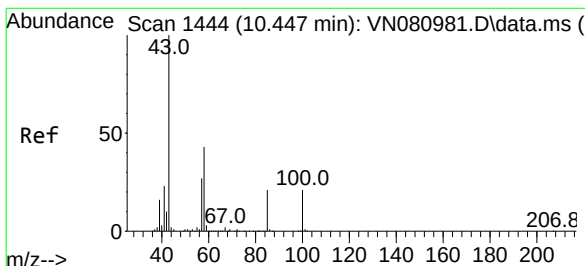
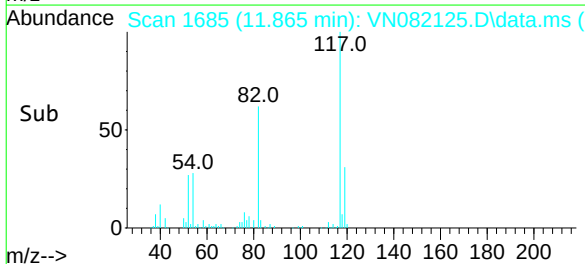
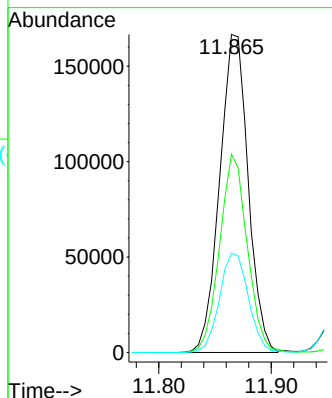
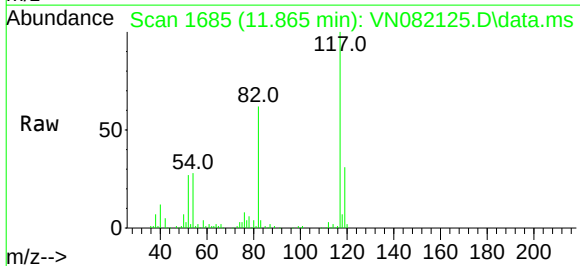
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:117 Resp: 293058
Ion Ratio Lower Upper
117 100
82 60.6 46.6 69.8
119 31.8 25.4 38.2

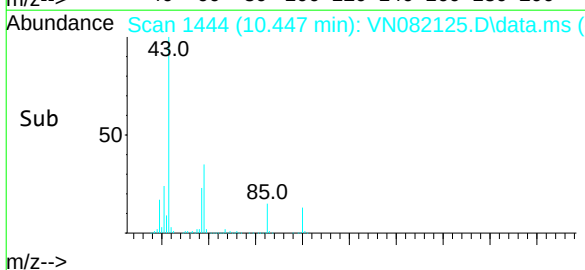
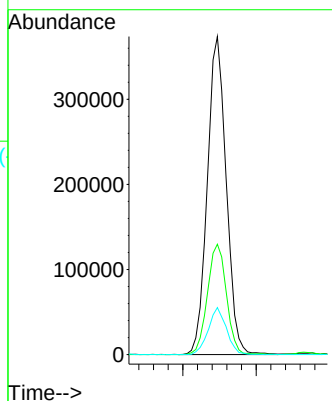
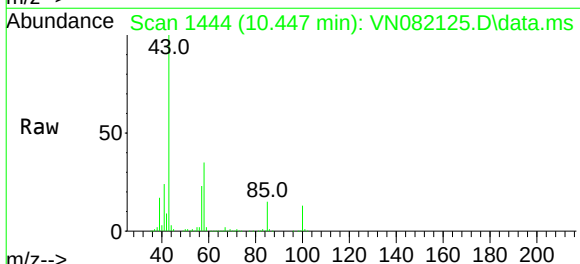
Manual Integrations
APPROVED

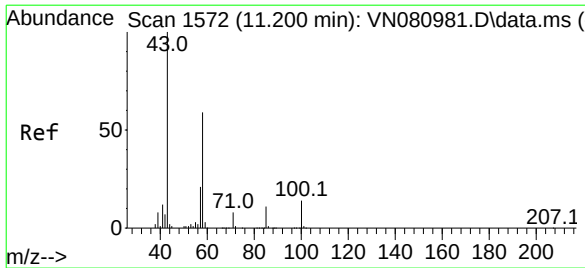
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#58
4-Methyl-2-Pentanone
Concen: 117.699 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Tgt Ion: 43 Resp: 669713
Ion Ratio Lower Upper
43 100
58 34.8 36.5 54.7#
85 14.2 19.5 29.3#





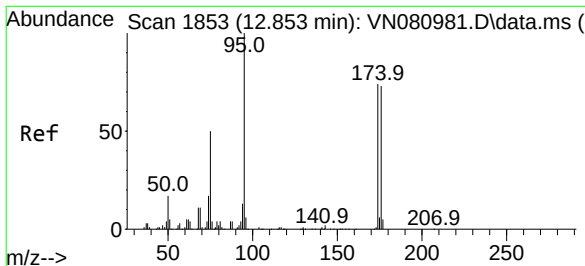
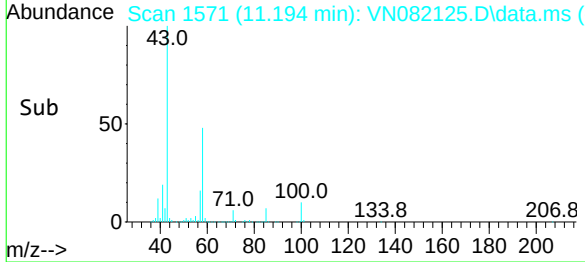
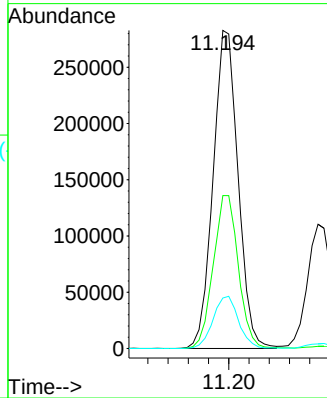
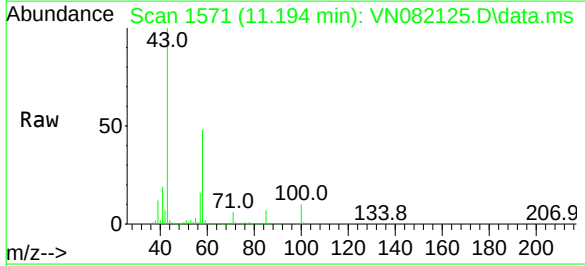
#59
2-Hexanone
Concen: 115.008 ug/l m
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 485220
Ion Ratio Lower Upper
43 100
58 1.1 50.4 75.6#
57 0.4 18.6 27.8#

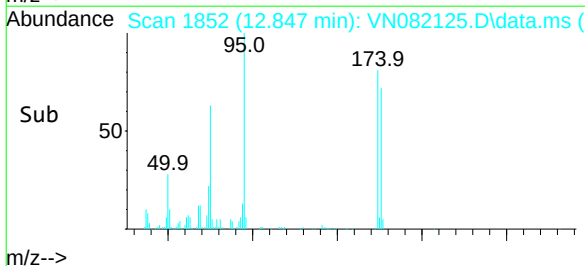
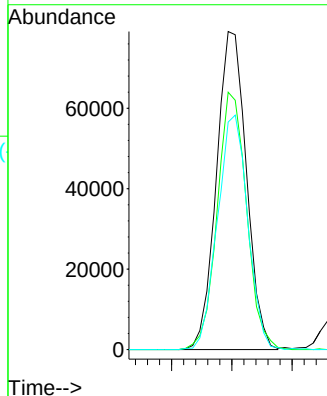
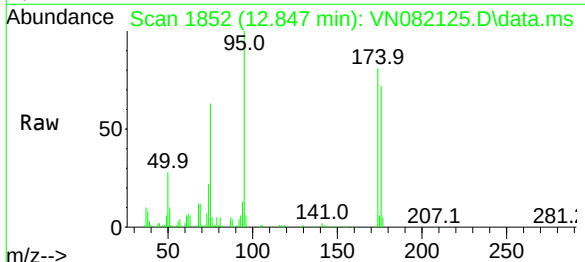
Manual Integrations
APPROVED

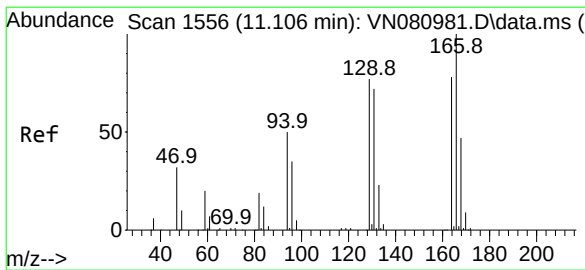
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#60
4-Bromofluorobenzene
Concen: 28.033 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Tgt Ion: 95 Resp: 136723
Ion Ratio Lower Upper
95 100
174 79.2 60.5 90.7
176 74.4 57.8 86.6





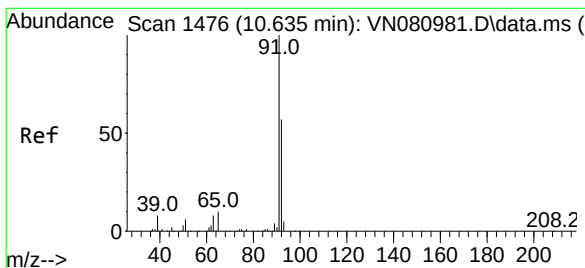
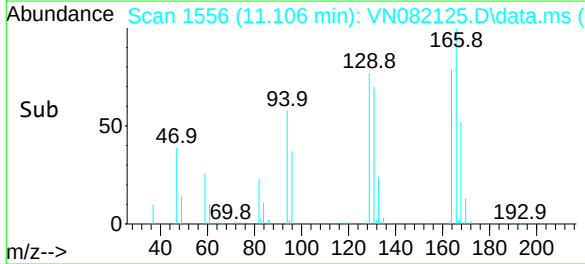
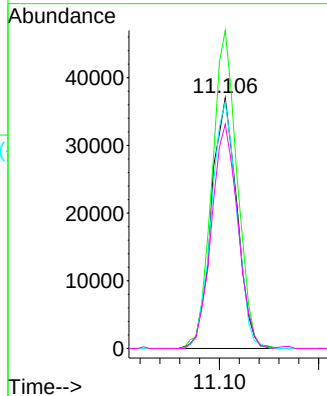
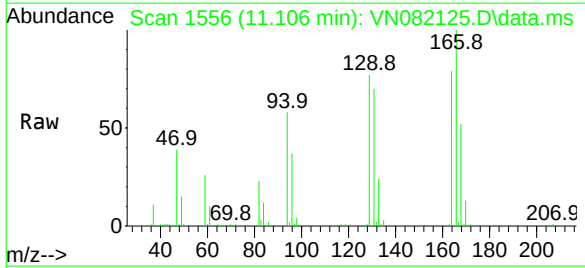
#61
Tetrachloroethene
Concen: 20.289 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:164 Resp: 65975
Ion Ratio Lower Upper
164 100
166 126.9 106.7 160.1
129 98.3 85.8 128.6
131 89.5 79.1 118.7

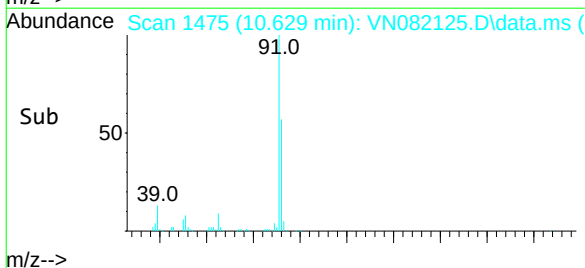
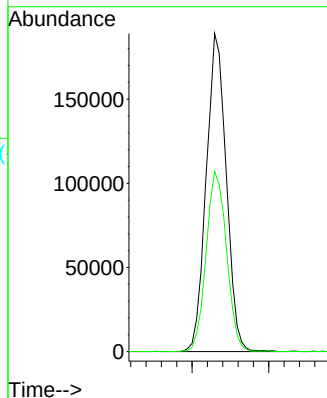
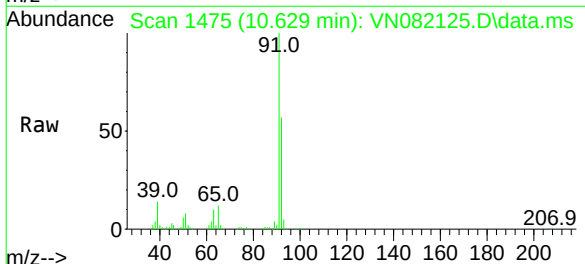
Manual Integrations
APPROVED

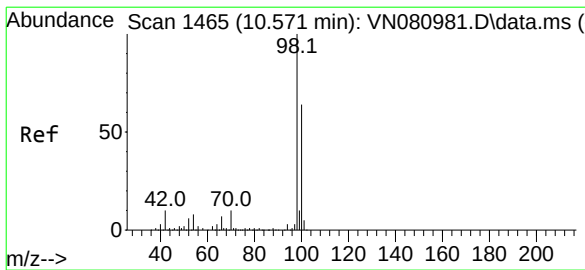
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#62
Toluene
Concen: 20.784 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

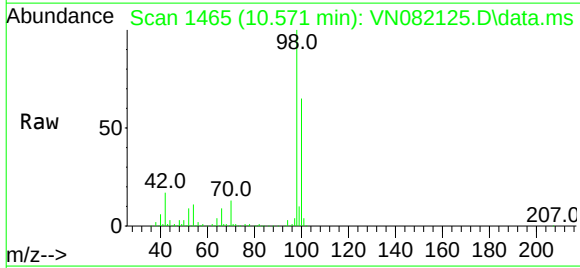
Tgt Ion: 91 Resp: 342711
Ion Ratio Lower Upper
91 100
92 57.7 46.5 69.7





#63
Toluene-d8
Concen: 29.895 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

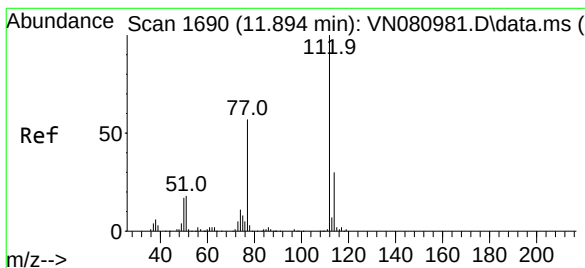
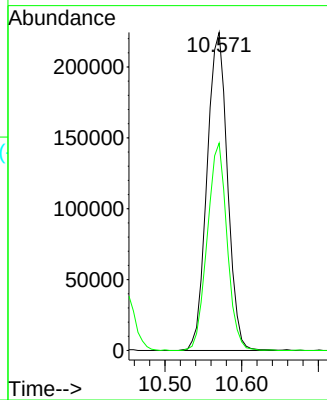
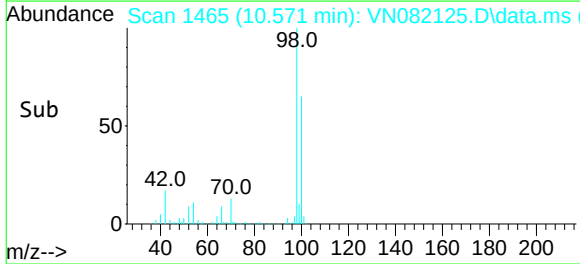
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 416060
Ion Ratio Lower Upper
98 100
100 63.0 52.7 79.1

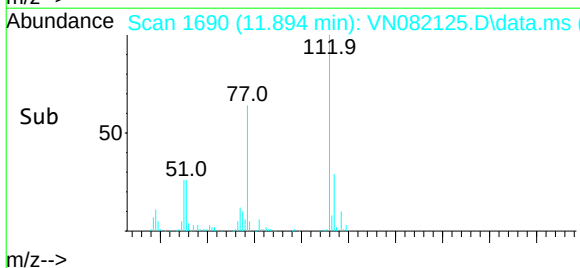
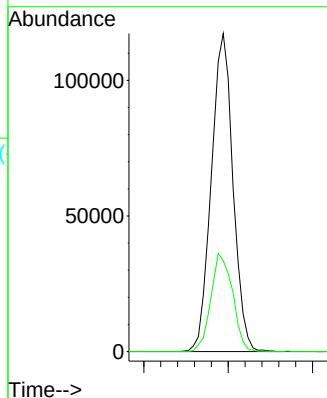
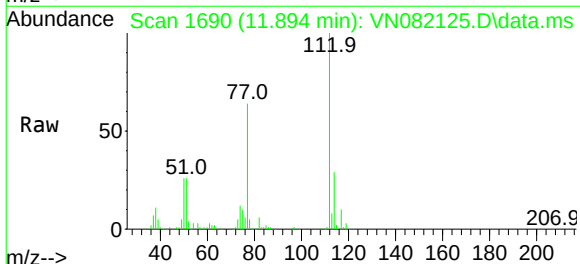
Manual Integrations
APPROVED

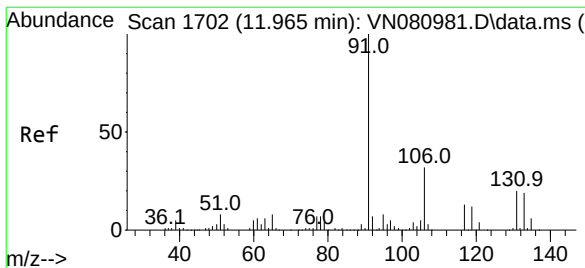
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#64
Chlorobenzene
Concen: 20.738 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

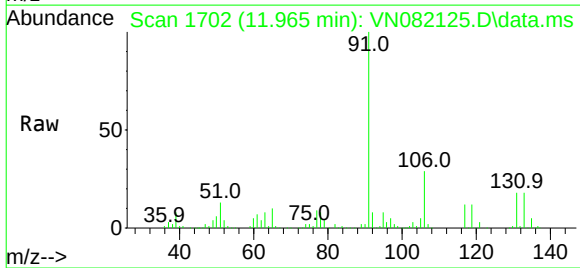
Tgt Ion:112 Resp: 209147
Ion Ratio Lower Upper
112 100
114 28.6 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 21.448 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

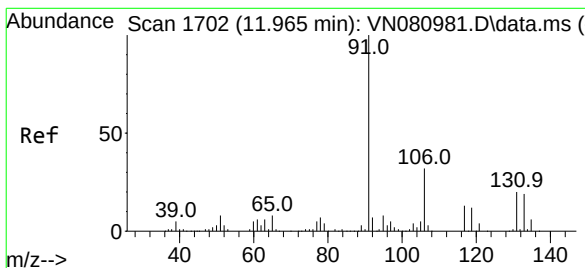
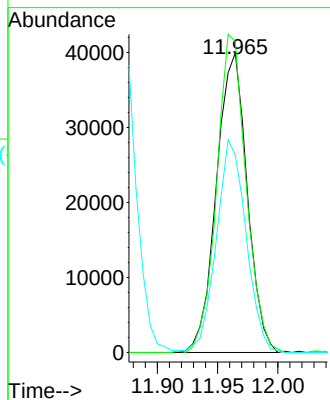
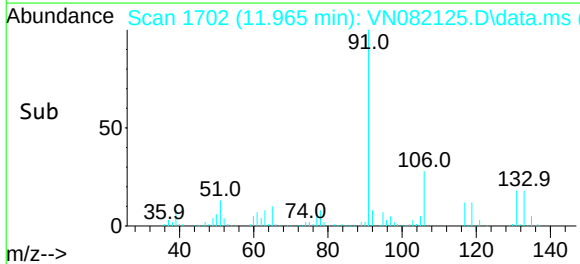
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 70800
Ion Ratio Lower Upper
131 100
133 101.7 0.0 188.0
119 68.7 0.0 122.8

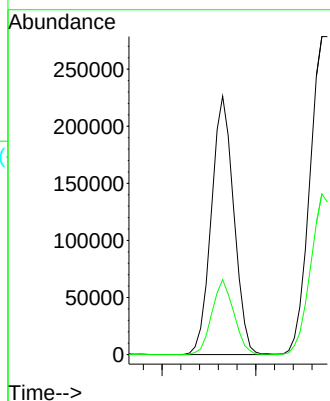
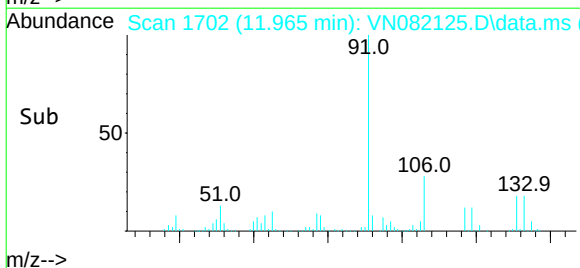
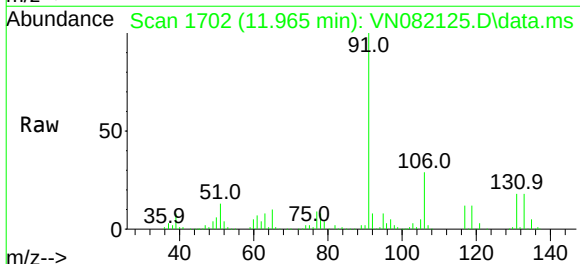
Manual Integrations
APPROVED

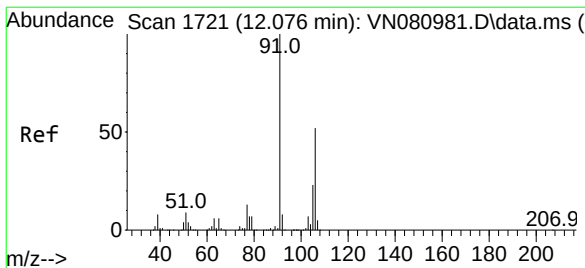
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#66
Ethyl Benzene
Concen: 20.871 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Tgt Ion: 91 Resp: 377229
Ion Ratio Lower Upper
91 100
106 29.0 24.4 36.6





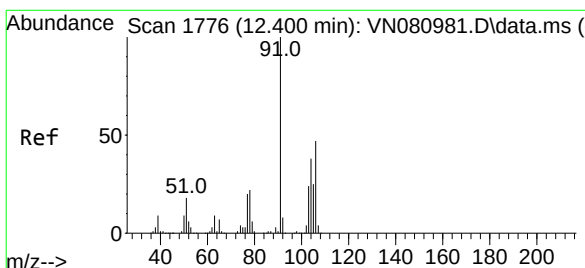
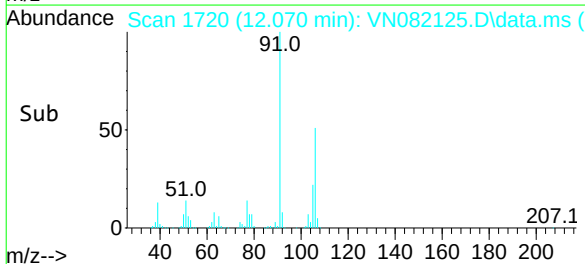
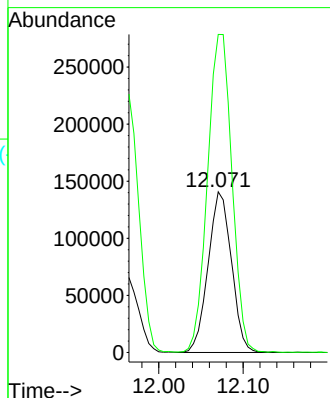
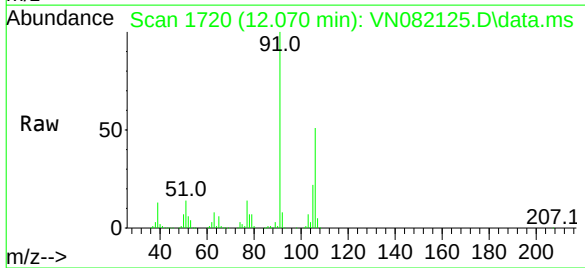
#67
m/p-Xylenes
Concen: 40.393 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 270684
Ion Ratio Lower Upper
106 100
91 206.8 166.6 249.8

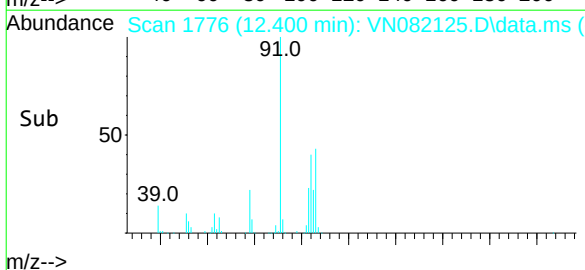
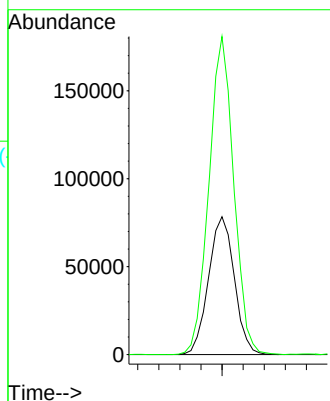
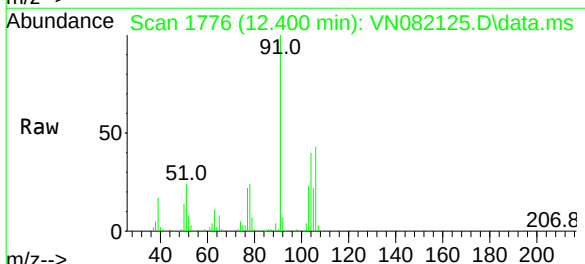
Manual Integrations
APPROVED

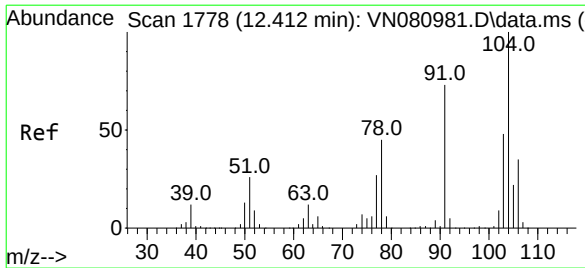
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#68
o-Xylene
Concen: 20.122 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Tgt Ion:106 Resp: 133413
Ion Ratio Lower Upper
106 100
91 221.7 110.0 330.0





#69

Styrene

Concen: 20.348 ug/l

RT: 12.412 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN082125.D

Acq: 14 May 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

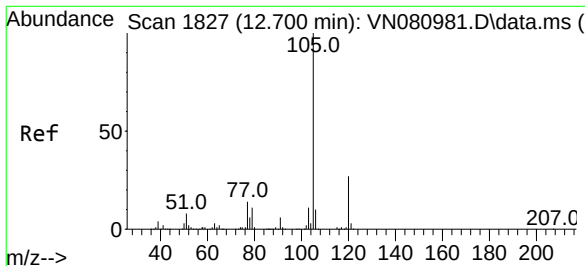
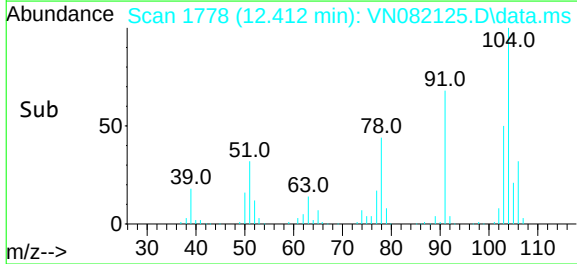
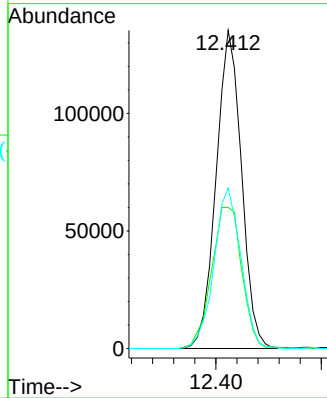
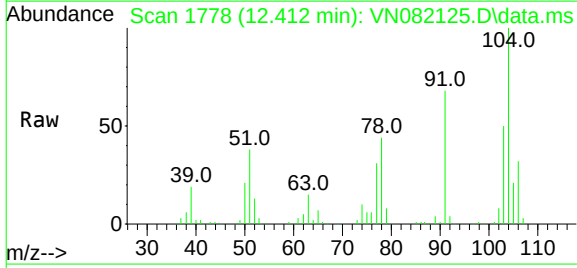
Tgt Ion:	104	Resp:	226469
Ion Ratio	Lower	Upper	
104	100		
78	53.1	42.6	64.0
103	53.6	43.7	65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#70

Isopropylbenzene

Concen: 20.478 ug/l

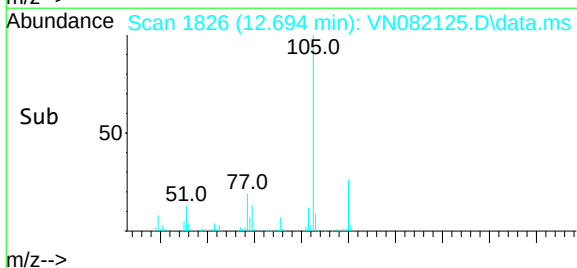
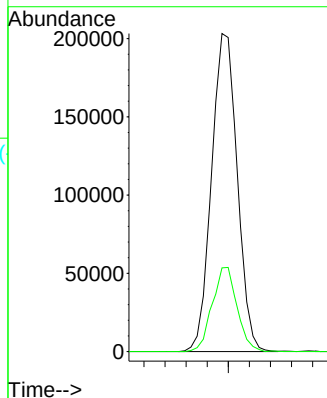
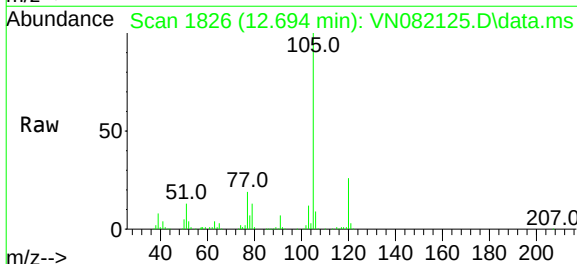
RT: 12.694 min Scan# 1826

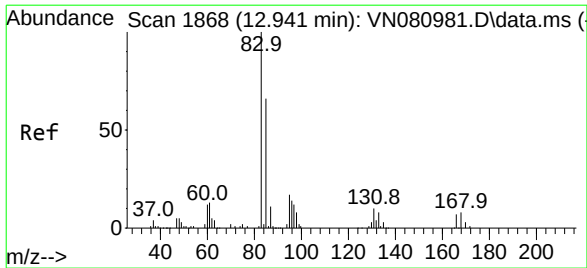
Delta R.T. -0.006 min

Lab File: VN082125.D

Acq: 14 May 2024 19:39

Tgt Ion:	105	Resp:	344825
Ion Ratio	Lower	Upper	
105	100		
120	25.5	17.8	33.1





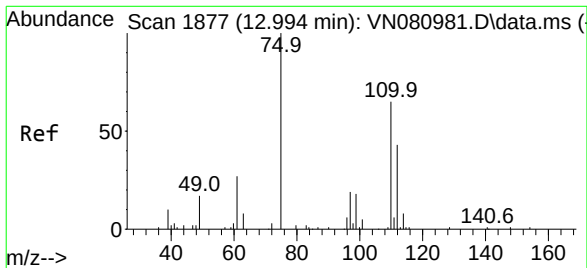
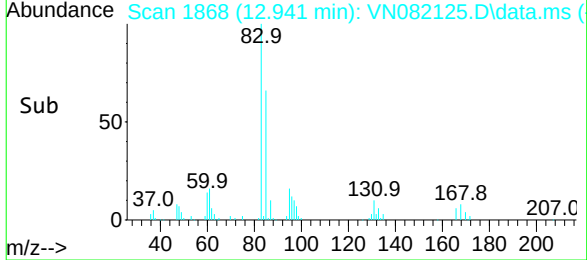
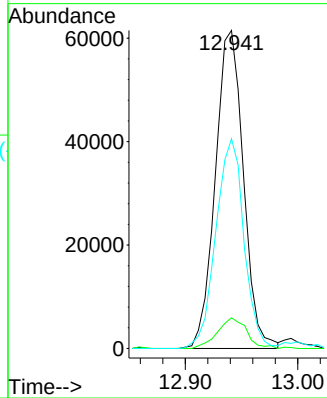
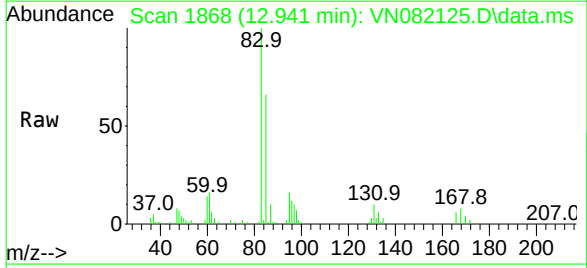
#71
1,1,2,2-Tetrachloroethane
Concen: 22.022 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.2	15.6
85	65.7	32.3	96.8

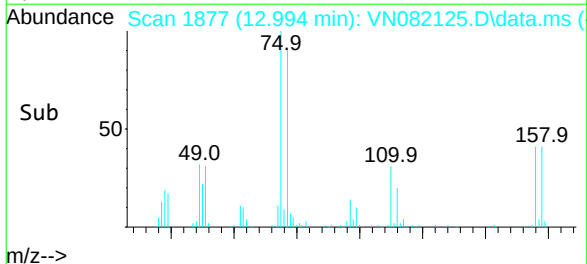
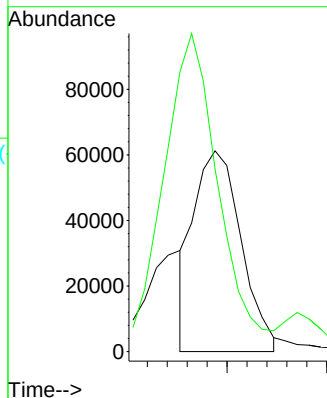
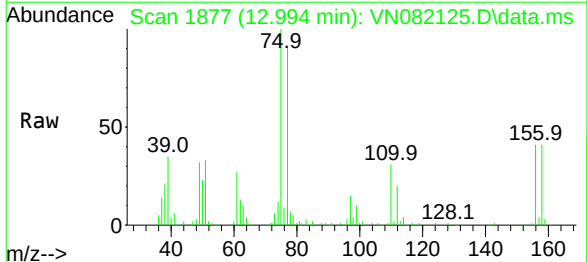
Manual Integrations
APPROVED

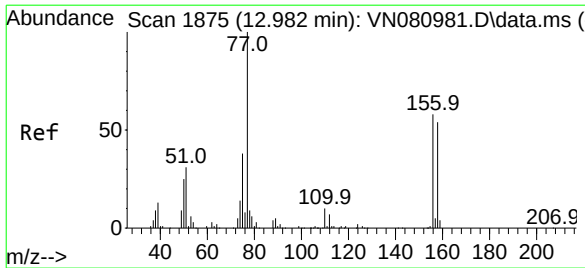
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#72
1,2,3-Trichloropropane
Concen: 25.420 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	185.5	0.0	367.6





#73

Bromobenzene

Concen: 21.995 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN082125.D

Acq: 14 May 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:156 Resp: 79283

Ion Ratio Lower Upper

156 100

77 235.8 0.0 437.6

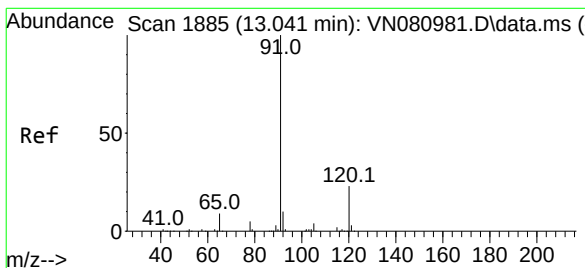
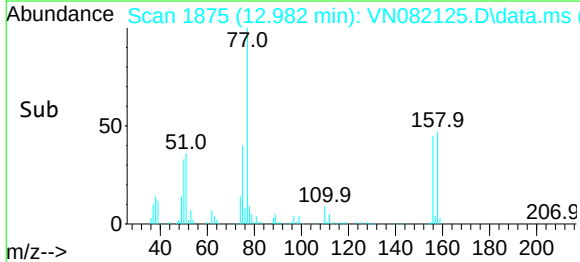
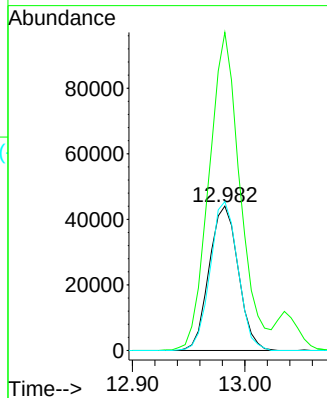
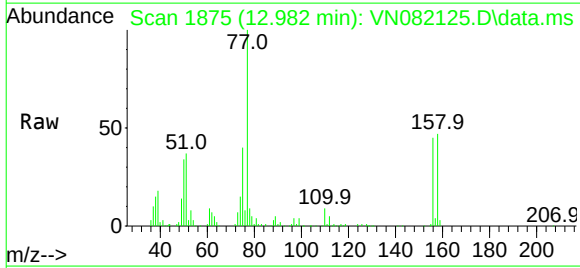
158 98.1 0.0 203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#74

n-propylbenzene

Concen: 20.880 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN082125.D

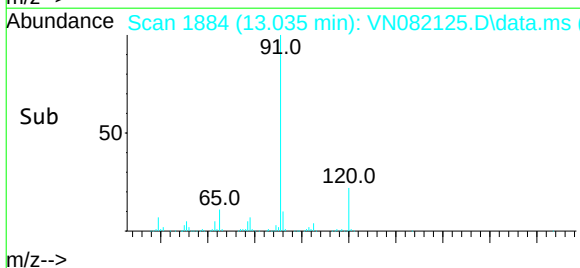
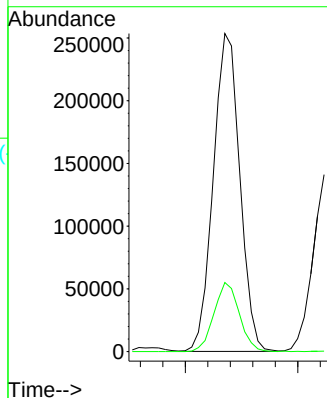
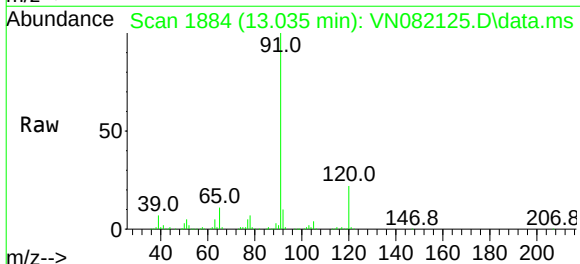
Acq: 14 May 2024 19:39

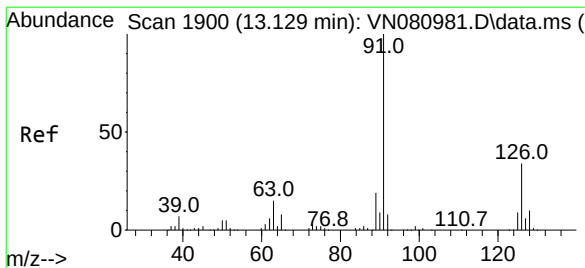
Tgt Ion: 91 Resp: 415111

Ion Ratio Lower Upper

91 100

120 20.7 0.0 43.8





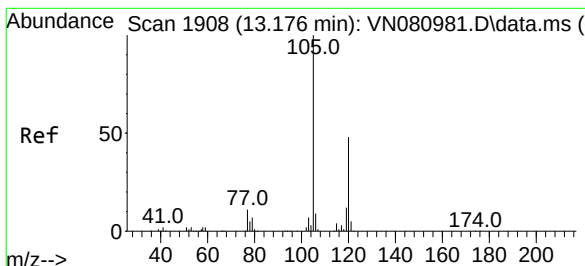
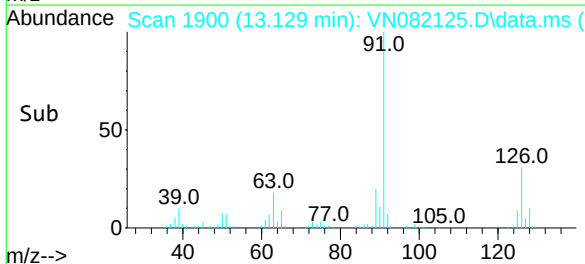
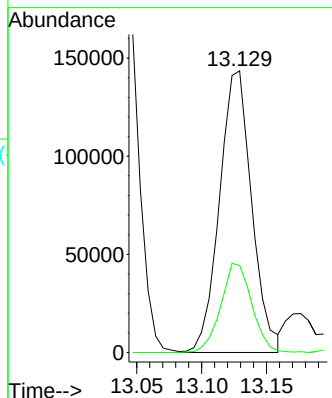
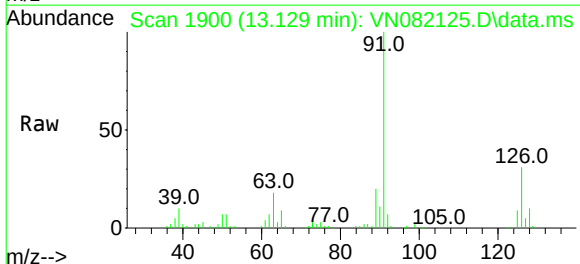
#75
2-Chlorotoluene
Concen: 20.214 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 248436
Ion Ratio Lower Upper
91 100
126 30.3 0.0 61.2

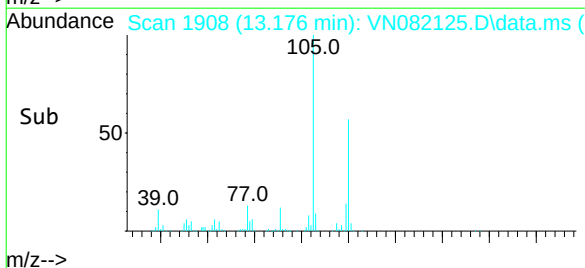
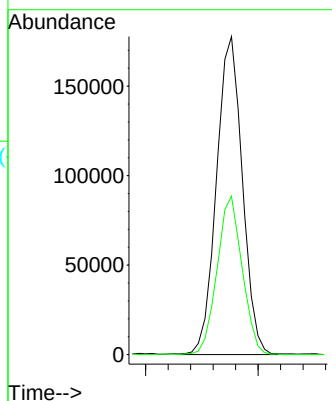
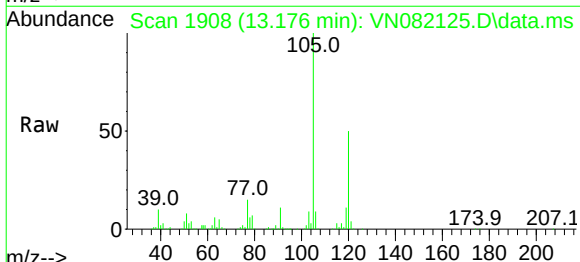
Manual Integrations
APPROVED

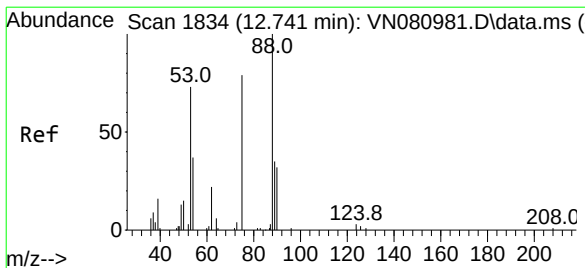
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#76
1,3,5-Trimethylbenzene
Concen: 20.812 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Tgt Ion:105 Resp: 283659
Ion Ratio Lower Upper
105 100
120 48.2 0.0 95.8





#77

t-1,4-Dichloro-2-butene

Concen: 18.712 ug/l

RT: 12.735 min Scan# 1834

Delta R.T. -0.006 min

Lab File: VN082125.D

Acq: 14 May 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

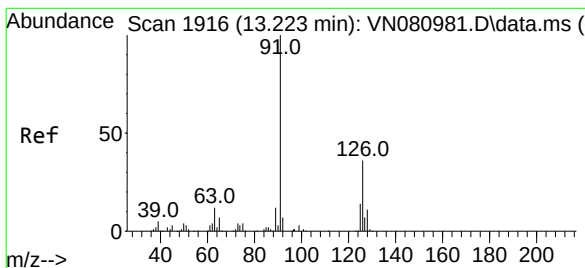
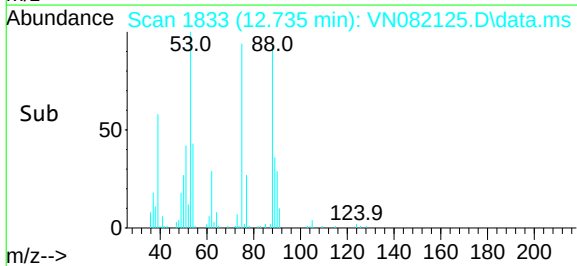
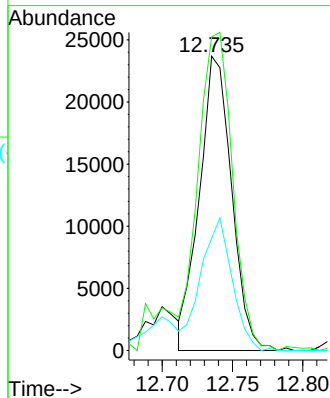
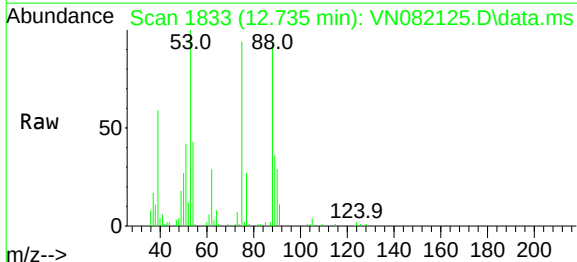
Tgt Ion:	75	Resp:	37750
Ion	Ratio	Lower	Upper
75	100		
53	106.6	45.9	137.7
89	38.1	25.9	77.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#78

4-Chlorotoluene

Concen: 20.565 ug/l

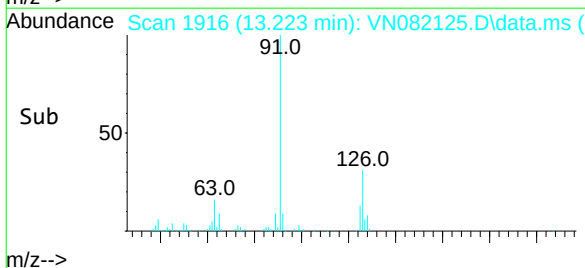
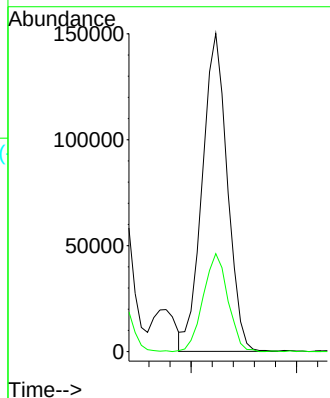
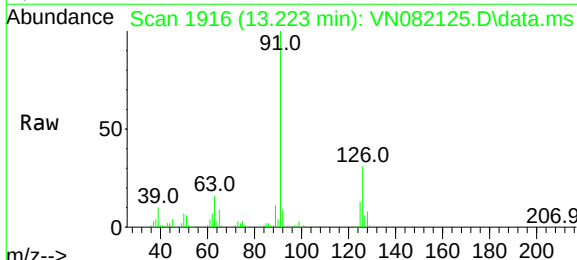
RT: 13.223 min Scan# 1916

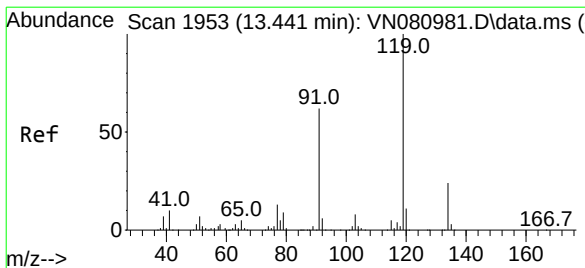
Delta R.T. -0.000 min

Lab File: VN082125.D

Acq: 14 May 2024 19:39

Tgt Ion:	91	Resp:	247603
Ion	Ratio	Lower	Upper
91	100		
126	30.4	0.0	62.8





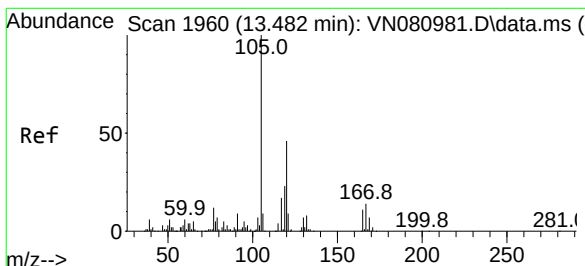
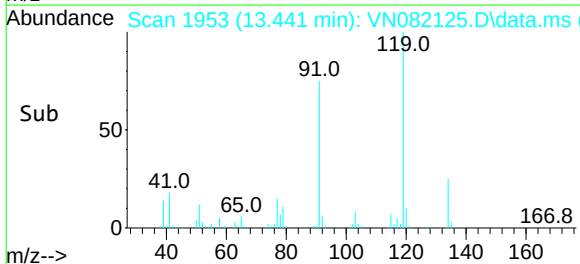
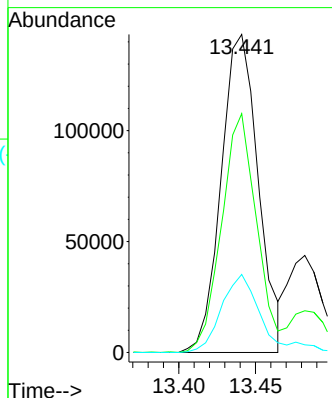
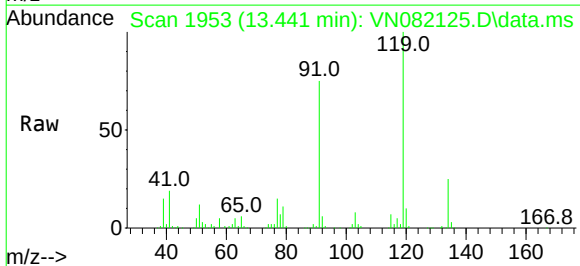
#79
tert-butylbenzene
Concen: 20.610 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 241862
Ion Ratio Lower Upper
119 100
91 70.5 0.0 138.8
134 24.5 0.0 48.6

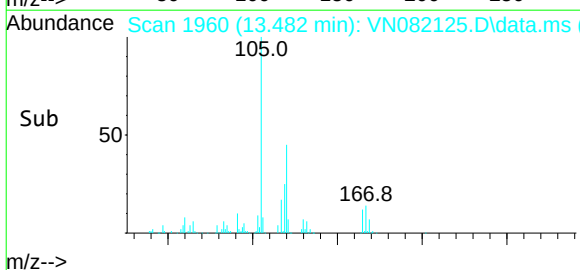
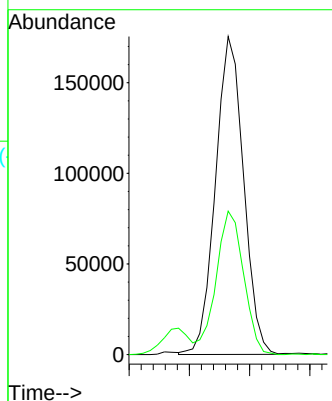
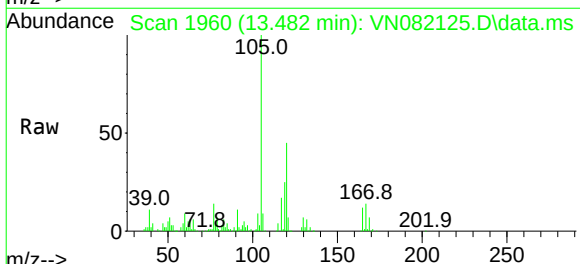
Manual Integrations
APPROVED

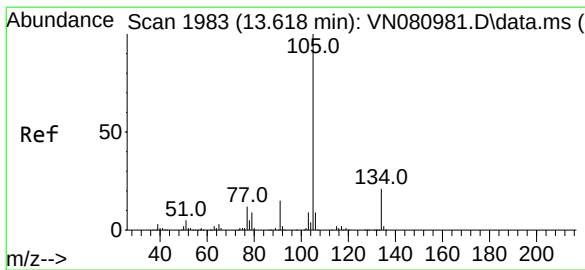
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#80
1,2,4-Trimethylbenzene
Concen: 20.765 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Tgt Ion:105 Resp: 284284
Ion Ratio Lower Upper
105 100
120 44.3 0.0 86.8





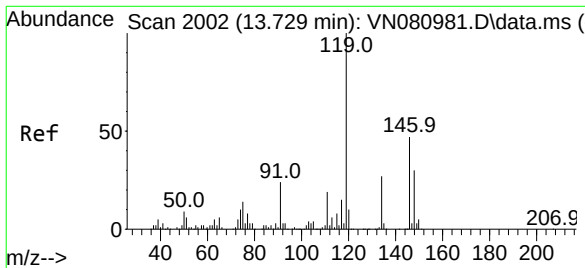
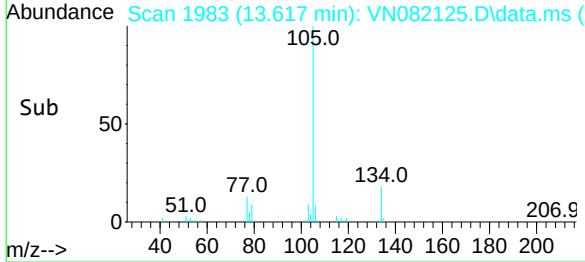
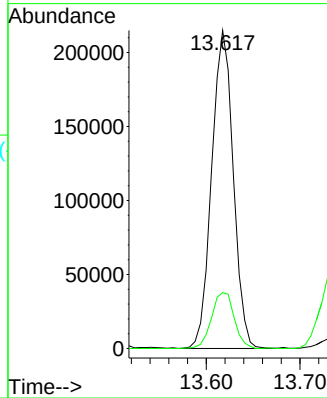
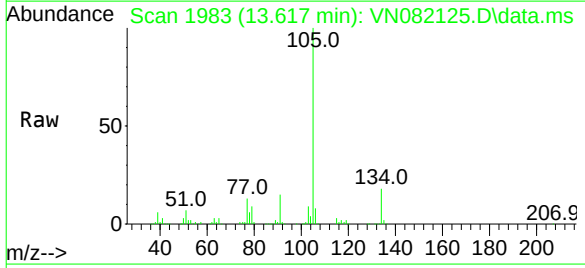
#81
sec-Butylbenzene
Concen: 20.904 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:105 Resp: 343862
Ion Ratio Lower Upper
105 100
134 18.5 0.0 39.0

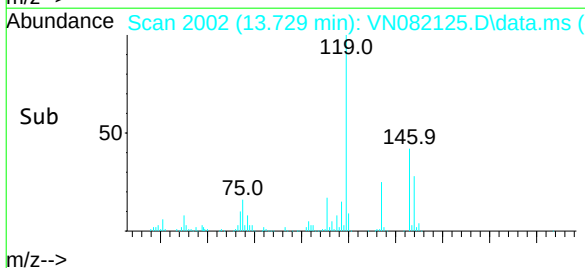
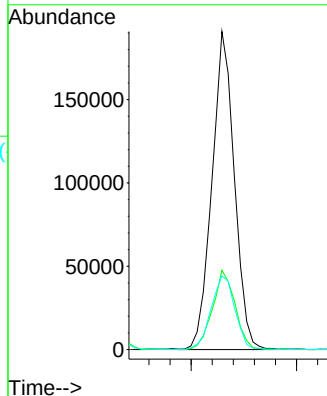
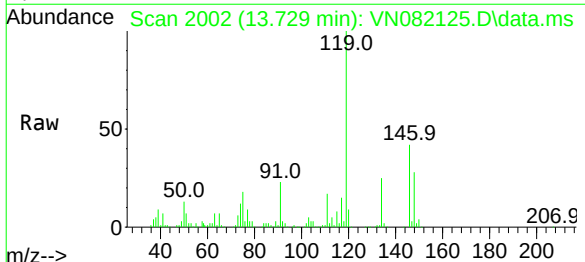
Manual Integrations
APPROVED

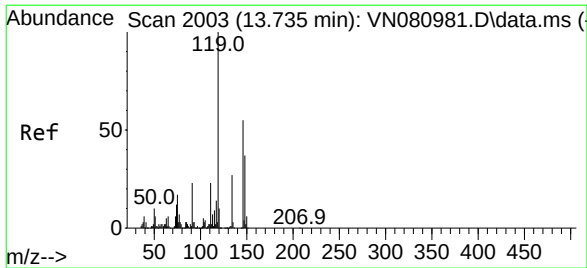
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#82
p-Isopropyltoluene
Concen: 21.660 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

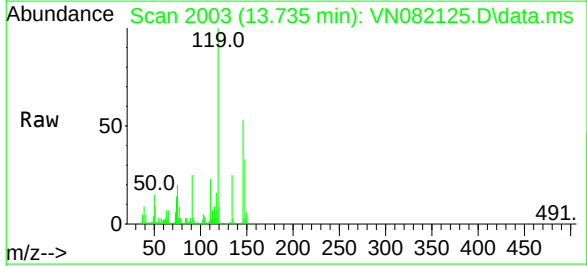
Tgt Ion:119 Resp: 281750
Ion Ratio Lower Upper
119 100
134 25.1 0.0 49.2
91 24.6 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 22.665 ug/l
RT: 13.735 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

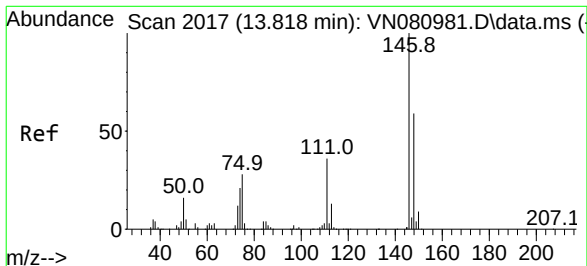
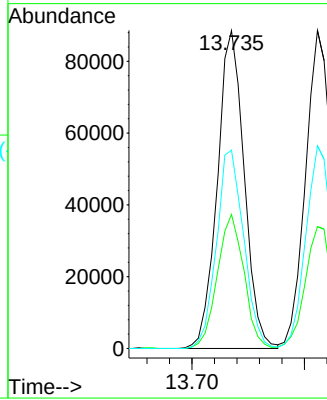
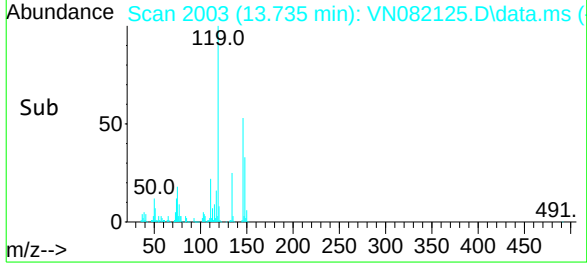
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 147102
Ion Ratio Lower Upper
146 100
111 41.6 22.4 67.0
148 63.3 32.1 96.5

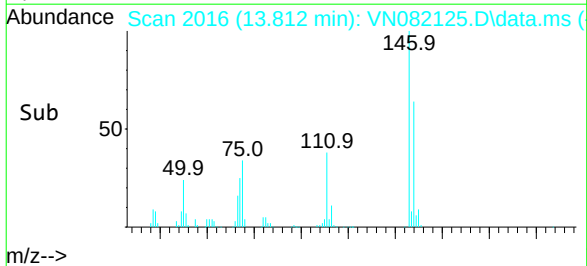
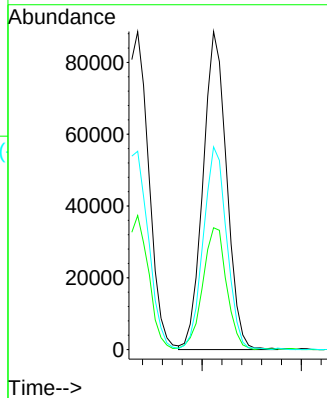
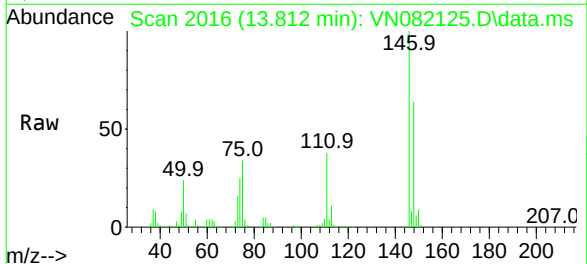
Manual Integrations
APPROVED

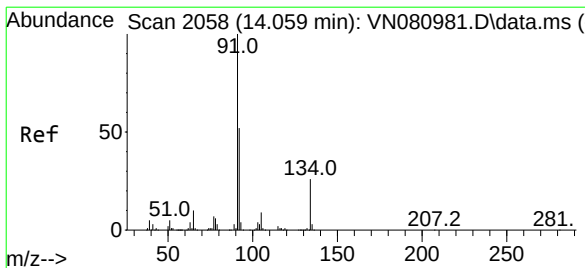
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#84
1,4-Dichlorobenzene
Concen: 22.456 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

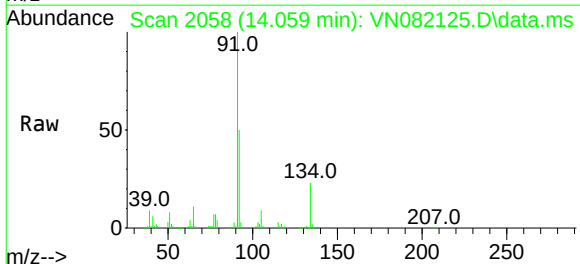
Tgt Ion:146 Resp: 146492
Ion Ratio Lower Upper
146 100
111 38.8 21.3 63.9
148 63.1 31.9 95.5





#85
n-Butylbenzene
Concen: 21.135 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

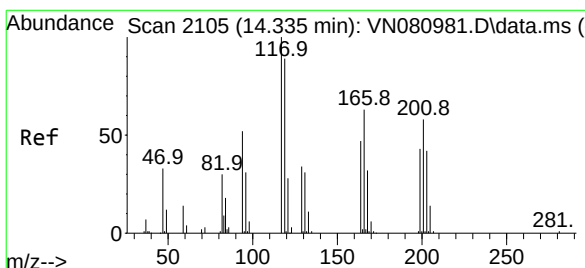
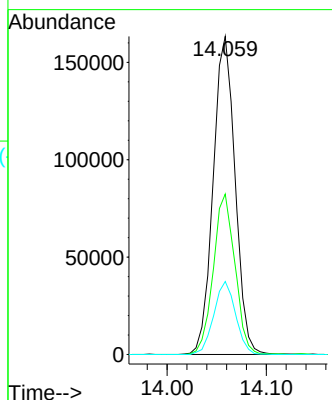
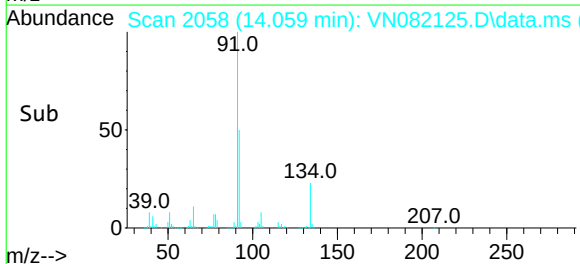
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 251125
Ion Ratio Lower Upper
91 100
92 49.7 0.0 105.0
134 22.8 0.0 51.8

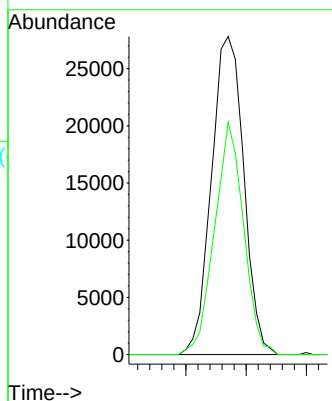
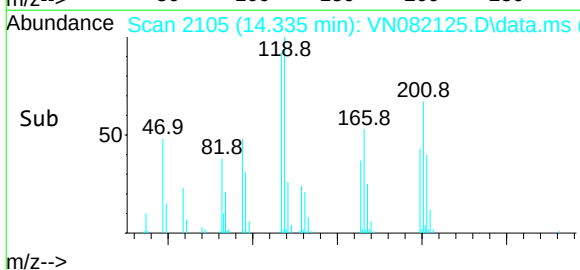
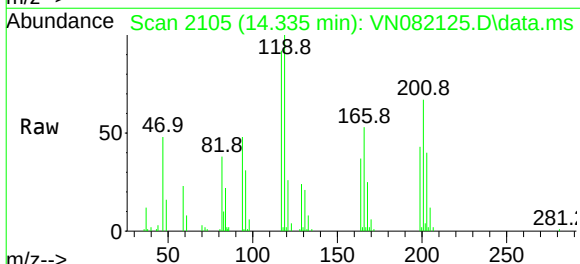
Manual Integrations
APPROVED

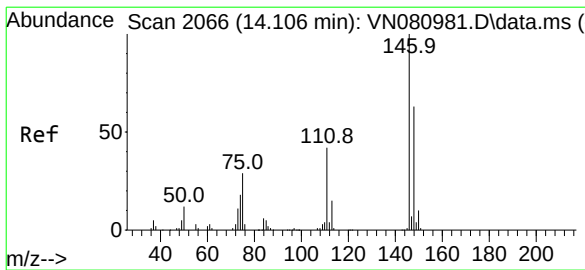
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#86
Hexachloroethane
Concen: 19.981 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082125.D
Acq: 14 May 2024 19:39

Tgt Ion:117 Resp: 51823
Ion Ratio Lower Upper
117 100
201 65.6 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 22.491 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN082125.D

Acq: 14 May 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

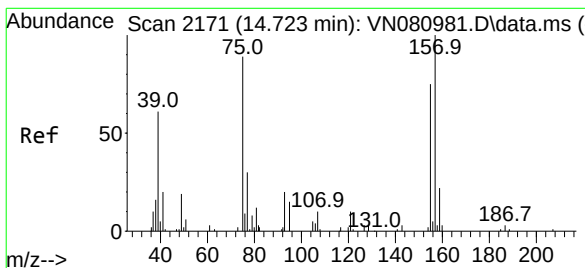
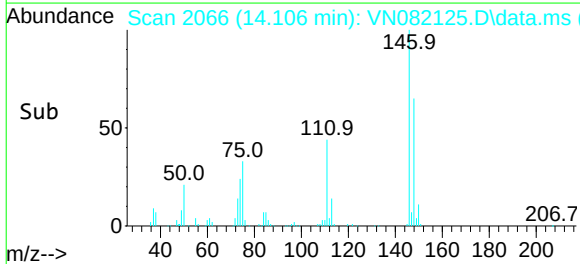
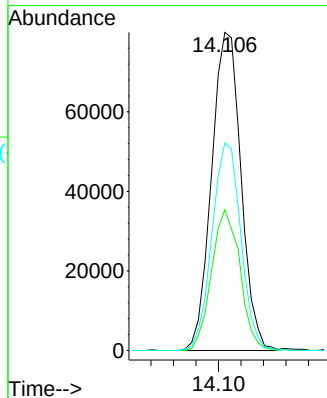
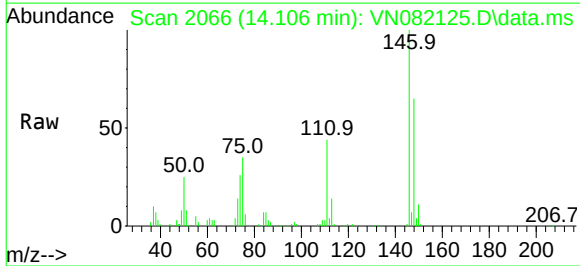
Tgt Ion:	146	Resp:	145388
Ion	Ratio	Lower	Upper
146	100		
111	42.7	22.6	67.8
148	64.2	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.417 ug/l

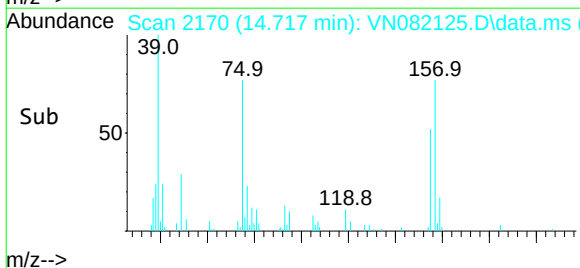
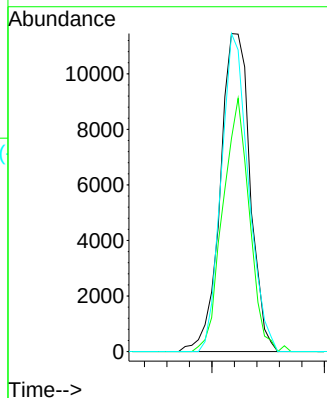
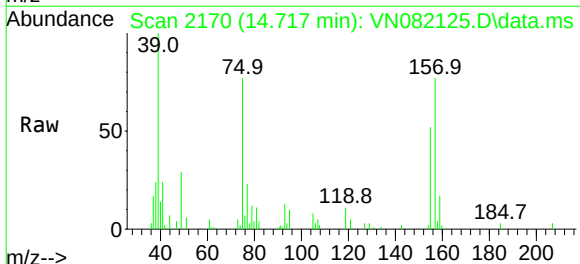
RT: 14.717 min Scan# 2170

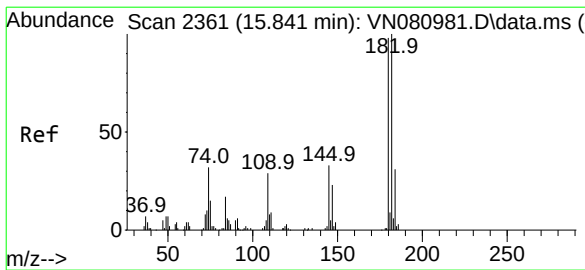
Delta R.T. -0.006 min

Lab File: VN082125.D

Acq: 14 May 2024 19:39

Tgt Ion:	75	Resp:	21113
Ion	Ratio	Lower	Upper
75	100		
155	70.7	61.7	92.5
157	91.0	83.6	125.4





#89

1,2,4-Trichlorobenzene

Concen: 22.542 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082125.D

Acq: 14 May 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

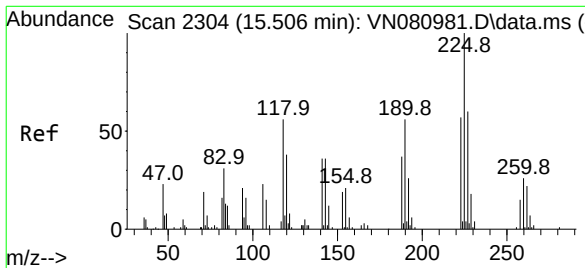
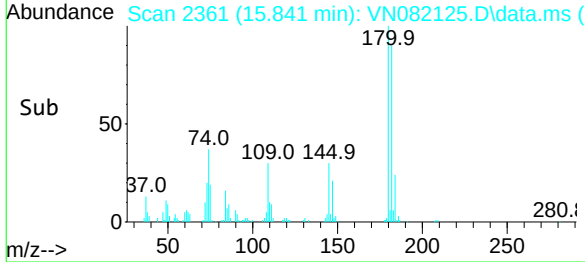
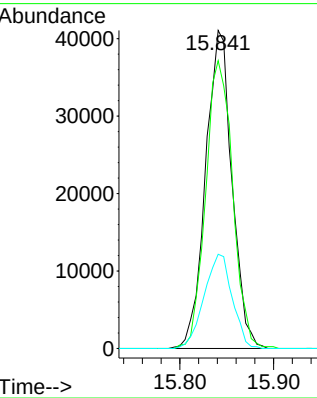
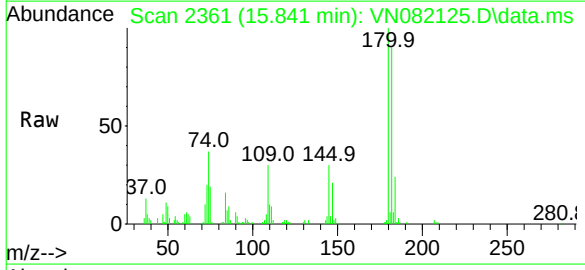
Tgt Ion:	180	Resp:	80237
Ion Ratio	Lower	Upper	
180	100		
182	92.6	76.4	114.6
145	31.6	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#90

Hexachlorobutadiene

Concen: 24.359 ug/l

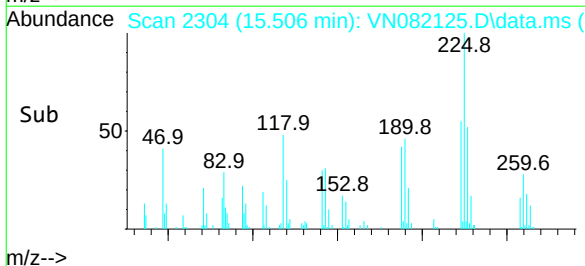
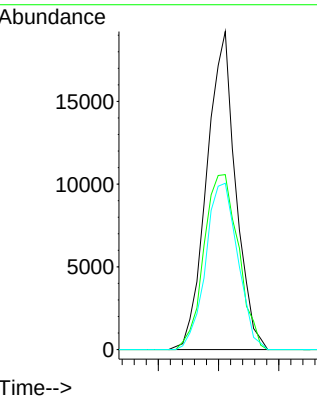
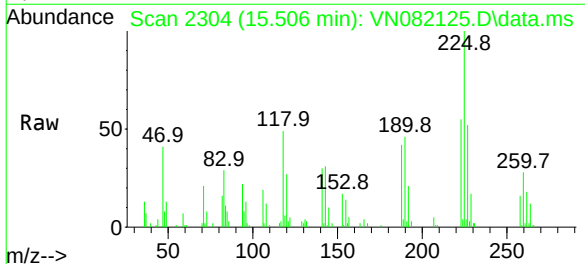
RT: 15.506 min Scan# 2304

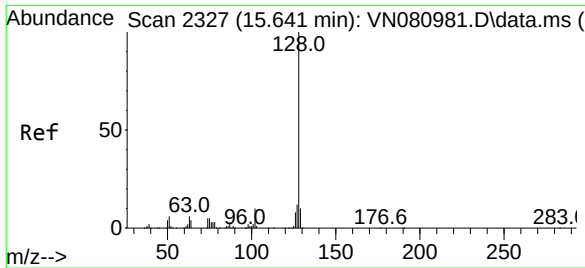
Delta R.T. -0.000 min

Lab File: VN082125.D

Acq: 14 May 2024 19:39

Tgt Ion:	225	Resp:	32112
Ion Ratio	Lower	Upper	
225	100		
223	65.4	0.0	126.6
227	57.9	0.0	126.6





#91

Naphthalene

Concen: 18.815 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082125.D

Acq: 14 May 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

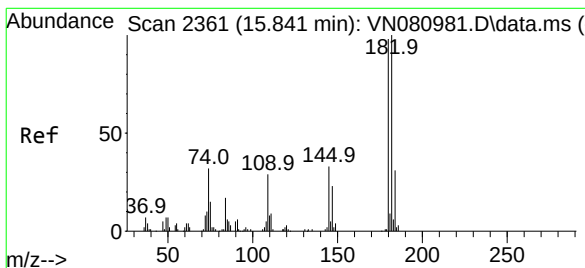
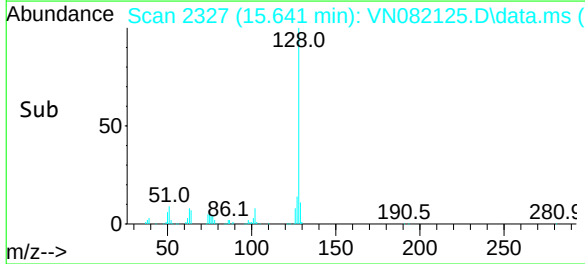
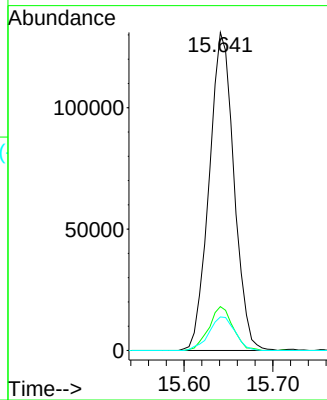
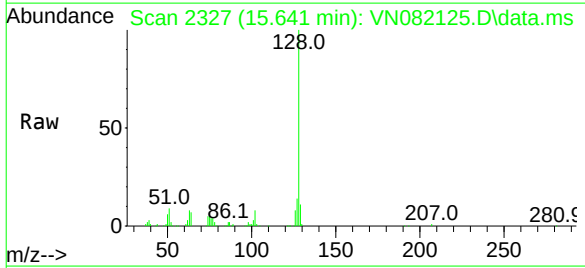
Tgt Ion:	128	Resp:	254588
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#92

1,2,3-Trichlorobenzene

Concen: 22.542 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082125.D

Acq: 14 May 2024 19:39

Tgt Ion:	180	Resp:	80237
Ion	Ratio	Lower	Upper
180	100		
182	92.6	0.0	191.0
145	31.6	0.0	71.0

