

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070324\
 Data File : VN082810.D
 Acq On : 03 Jul 2024 18:05
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/05/2024
 Supervised By : Mahesh Dadoda 07/05/2024

Quant Time: Jul 04 00:03:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	140027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	244889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	99595	46.121	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.240%		
35) Dibromofluoromethane	8.171	113	78211	48.508	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.020%		
50) Toluene-d8	10.571	98	286732	47.553	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.100%		
62) 4-Bromofluorobenzene	12.853	95	109711	52.982	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	105.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	99958	46.762	ug/l	99
3) Chloromethane	2.359	50	88902	39.736	ug/l	96
4) Vinyl Chloride	2.512	62	99078	41.792	ug/l	99
5) Bromomethane	2.942	94	62739	37.198	ug/l	94
6) Chloroethane	3.112	64	68891	41.199	ug/l	97
7) Trichlorofluoromethane	3.489	101	152417	51.866	ug/l	97
8) Diethyl Ether	3.959	74	52074	56.659	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.365	101	84222	50.236	ug/l	99
10) Methyl Iodide	4.589	142	95648	62.220	ug/l	94
11) Tert butyl alcohol	5.530	59	94203	273.109	ug/l	99
12) 1,1-Dichloroethene	4.342	96	79697	50.961	ug/l	91
13) Acrolein	4.183	56	56571	269.602	ug/l	97
14) Allyl chloride	5.024	41	130743	55.642	ug/l	92
15) Acrylonitrile	5.718	53	221698	241.627	ug/l	99
16) Acetone	4.430	43	191085	233.556	ug/l	97
17) Carbon Disulfide	4.712	76	198329	38.721	ug/l	98
18) Methyl Acetate	5.024	43	103141	47.421	ug/l #	90
19) Methyl tert-butyl Ether	5.800	73	293398	56.584	ug/l	97
20) Methylene Chloride	5.277	84	90520	43.724	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	83362	49.398	ug/l	88
22) Diisopropyl ether	6.671	45	282916	51.753	ug/l #	94
23) Vinyl Acetate	6.606	43	1134887	260.013	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	165118	49.752	ug/l	99
25) 2-Butanone	7.489	43	301759	241.415	ug/l	91
26) 2,2-Dichloropropane	7.494	77	120856	56.759	ug/l	95
27) cis-1,2-Dichloroethene	7.489	96	103574	52.163	ug/l	88
28) Bromochloromethane	7.818	49	59672	41.108	ug/l #	81
29) Tetrahydrofuran	7.841	42	196794	244.158	ug/l #	83
30) Chloroform	7.965	83	176030	49.751	ug/l	100
31) Cyclohexane	8.259	56	134088	44.070	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	162376	51.978	ug/l	97
36) 1,1-Dichloropropene	8.371	75	118638	51.193	ug/l	97
37) Ethyl Acetate	7.565	43	124015	49.512	ug/l #	95
38) Carbon Tetrachloride	8.365	117	143789	53.050	ug/l	99
39) Methylcyclohexane	9.600	83	127272	52.895	ug/l	92
40) Benzene	8.606	78	370236	48.699	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	66168	51.233	ug/l	92
42) 1,2-Dichloroethane	8.677	62	135544	49.649	ug/l	97
43) Isopropyl Acetate	8.688	43	259652	59.051	ug/l	98
44) Trichloroethene	9.353	130	90334	51.177	ug/l	100
45) 1,2-Dichloropropane	9.624	63	91652	49.742	ug/l	97
46) Dibromomethane	9.712	93	68688	51.036	ug/l	97
47) Bromodichloromethane	9.888	83	142180	51.845	ug/l	99
48) Methyl methacrylate	9.683	41	101513	52.663	ug/l #	86
49) 1,4-Dioxane	9.694	88	42259	1098.512	ug/l #	92
51) 4-Methyl-2-Pentanone	10.447	43	652114	254.542	ug/l	93
52) Toluene	10.630	92	240411	53.853	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	148021	57.068	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	151552	55.575	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	92182	53.252	ug/l	95
56) Ethyl methacrylate	10.877	69	155135	59.587	ug/l	86
57) 1,3-Dichloropropane	11.165	76	157427	51.740	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	304862	232.429	ug/l	95
59) 2-Hexanone	11.200	43	493476	259.778	ug/l	92
60) Dibromochloromethane	11.359	129	115242	54.893	ug/l	99
61) 1,2-Dibromoethane	11.471	107	95347	52.423	ug/l	98
64) Tetrachloroethene	11.106	164	78472	46.964	ug/l	99
65) Chlorobenzene	11.894	112	269919	53.946	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	95420	54.877	ug/l	99
67) Ethyl Benzene	11.965	91	465529	56.377	ug/l	98
68) m/p-Xylenes	12.071	106	357076	116.219	ug/l	98
69) o-Xylene	12.400	106	176713	59.680	ug/l	94
70) Styrene	12.412	104	301896	60.056	ug/l	98
71) Bromoform	12.582	173	80668	59.321	ug/l #	100
73) Isopropylbenzene	12.694	105	445269	57.079	ug/l	99
74) N-amyl acetate	12.494	43	202762	58.235	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	133334	48.716	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	121127m	51.917	ug/l	
77) Bromobenzene	12.982	156	111598	57.566	ug/l	93
78) n-propylbenzene	13.035	91	509877	55.355	ug/l	98
79) 2-Chlorotoluene	13.123	91	316040	54.747	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	370411	57.803	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	49962	55.847	ug/l	93
82) 4-Chlorotoluene	13.223	91	310829	54.566	ug/l	97
83) tert-Butylbenzene	13.441	119	321297	59.579	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	374106	59.065	ug/l	99
85) sec-Butylbenzene	13.618	105	430707	57.000	ug/l	98
86) p-Isopropyltoluene	13.729	119	364823	60.260	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	198040	53.349	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	195910	50.705	ug/l	99
89) n-Butylbenzene	14.059	91	298907	55.756	ug/l	99
90) Hexachloroethane	14.335	117	73049	54.341	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	189935	53.874	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	28381	55.039	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	102143	59.347	ug/l	99
94) Hexachlorobutadiene	15.500	225	39997	51.376	ug/l	97
95) Naphthalene	15.641	128	365556	63.949	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	101597	55.353	ug/l	99

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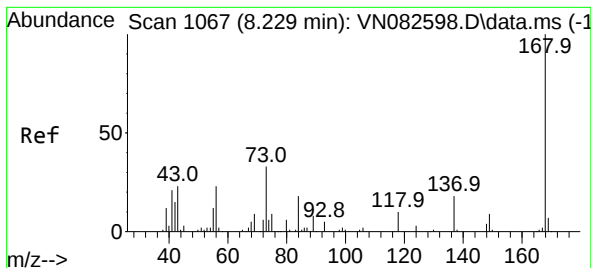
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/05/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration

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



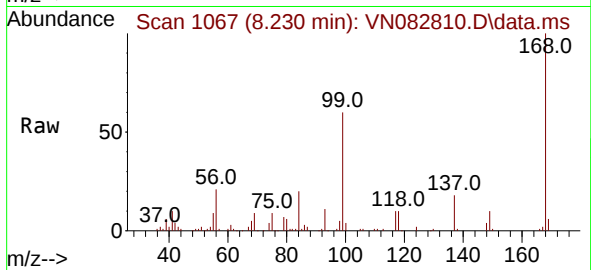
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

Instrument :

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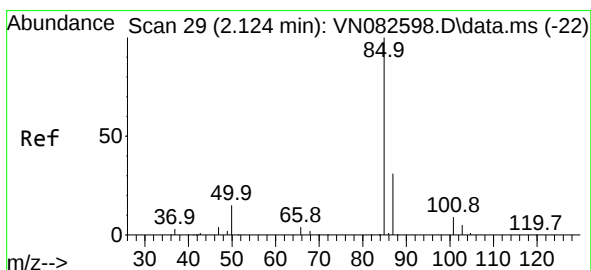
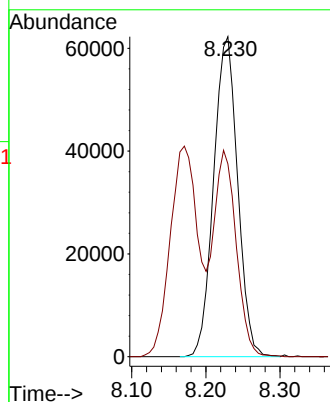
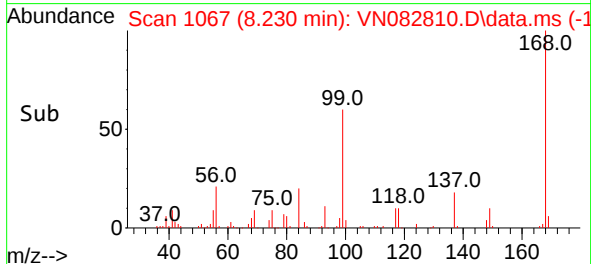
Tgt Ion:168 Resp: 14002
Ion Ratio Lower Upper
168 100
99 60.0 48.2 72.4

Manual Integrations

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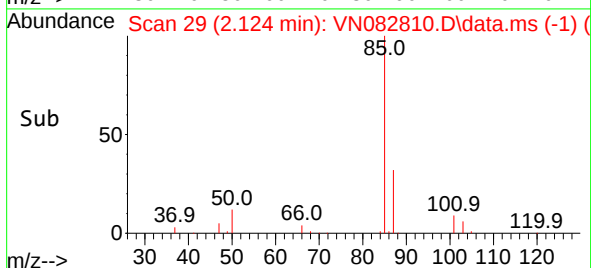
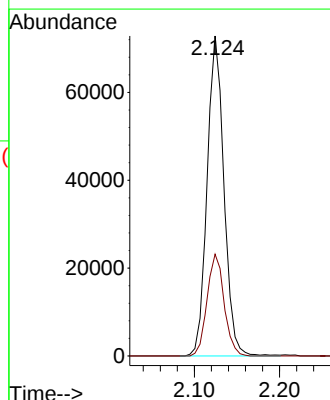
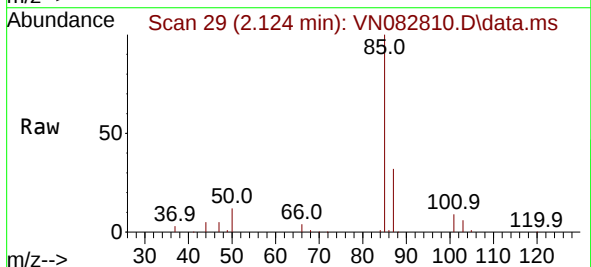
Reviewed By :John Carlone 07/05/2024

Supervised By :Mahesh Dadoda 07/05/2024



#2
Dichlorodifluoromethane
Concen: 46.762 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

Tgt Ion: 85 Resp: 99958
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.0





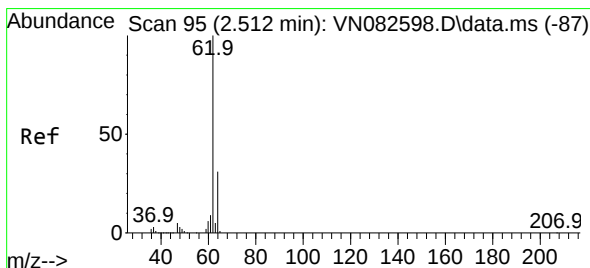
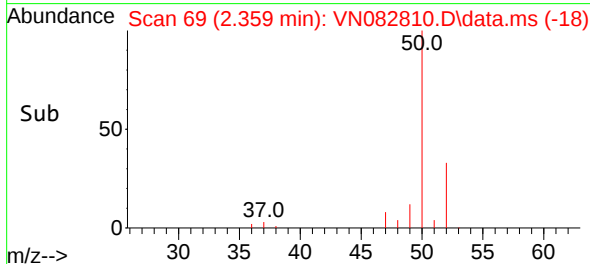
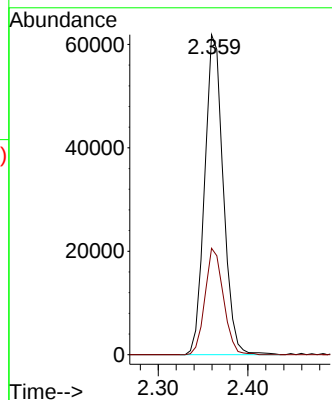
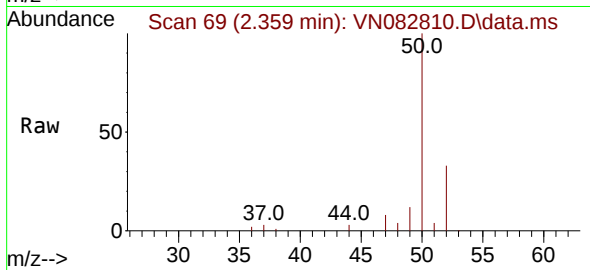
#3
Chloromethane
Concen: 39.736 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

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Tgt Ion: 50 Resp: 8890
Ion Ratio Lower Upper
50 100
52 33.2 25.0 37.4

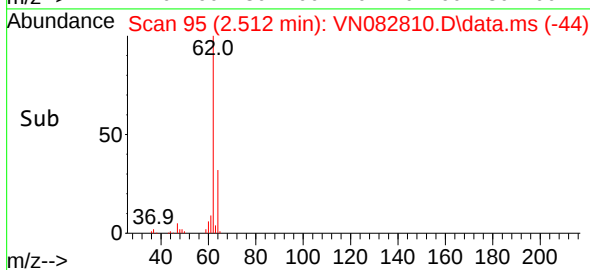
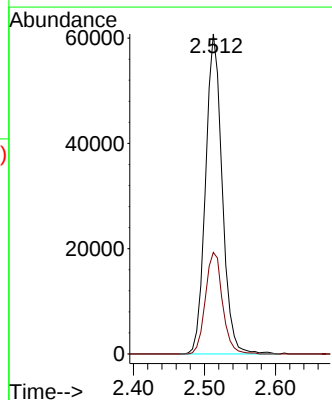
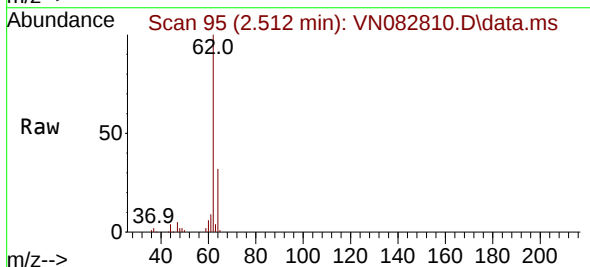
Manual Integrations
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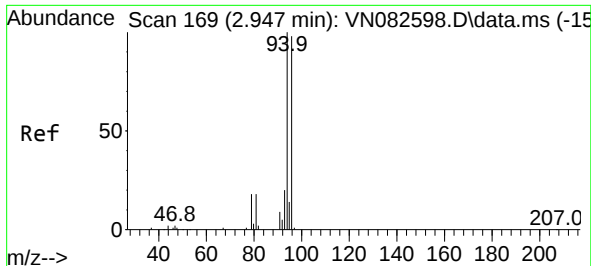
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#4
Vinyl Chloride
Concen: 41.792 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

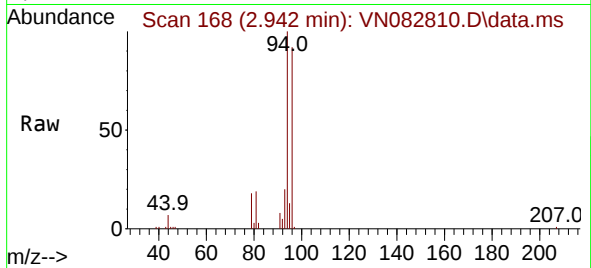
Tgt Ion: 62 Resp: 99078
Ion Ratio Lower Upper
62 100
64 31.8 25.0 37.6





#5
Bromomethane
Concen: 37.198 ug/l
RT: 2.942 min Scan# 168
Delta R.T. -0.005 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

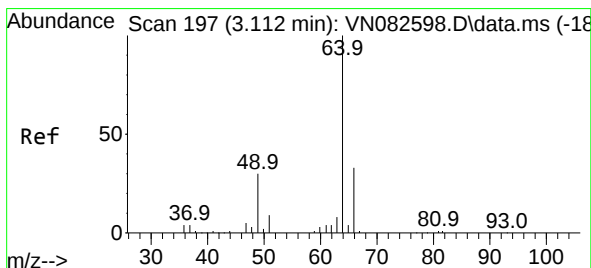
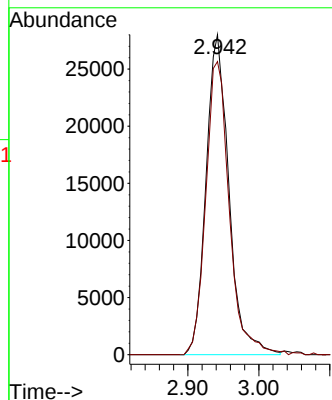
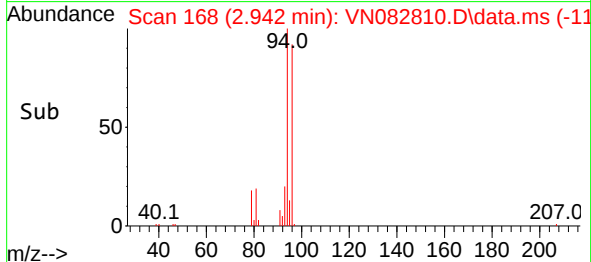
Instrument :
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Tgt Ion: 94 Resp: 62739
Ion Ratio Lower Upper
94 100
96 91.6 78.0 117.0

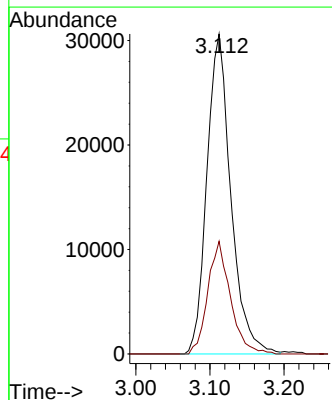
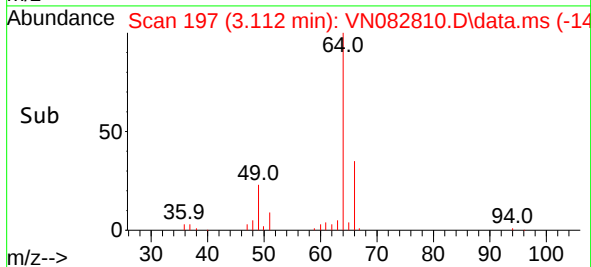
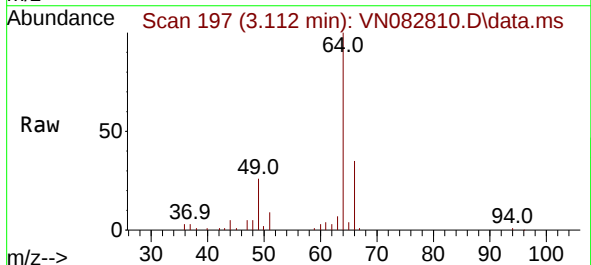
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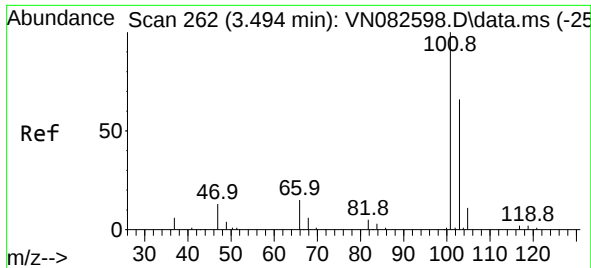
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#6
Chloroethane
Concen: 41.199 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

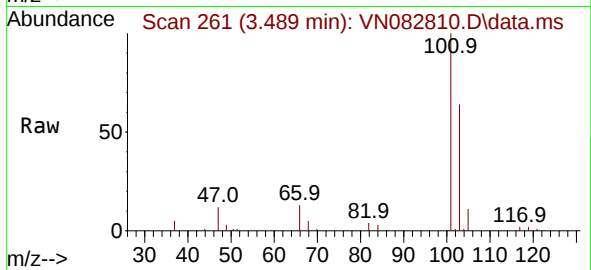
Tgt Ion: 64 Resp: 68891
Ion Ratio Lower Upper
64 100
66 35.2 26.6 40.0





#7
Trichlorofluoromethane
Concen: 51.866 ug/l
RT: 3.489 min Scan# 201
Delta R.T. -0.005 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

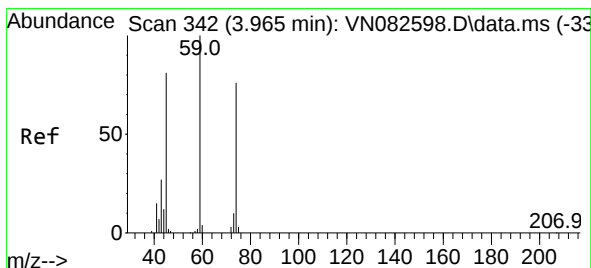
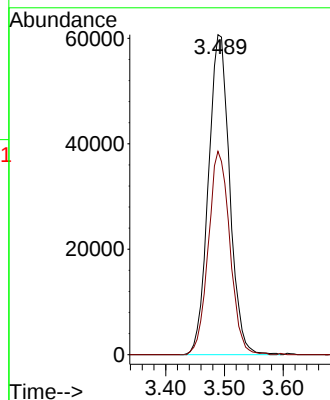
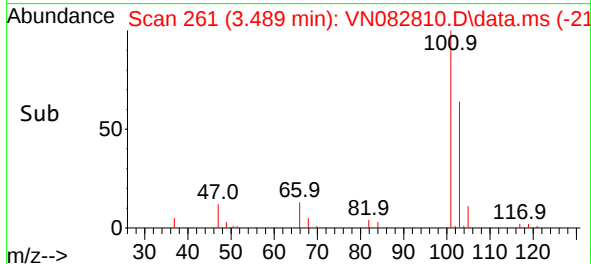
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 15241
Ion Ratio Lower Upper
101 100
103 63.5 52.7 79.1

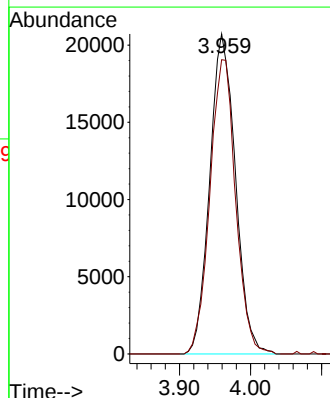
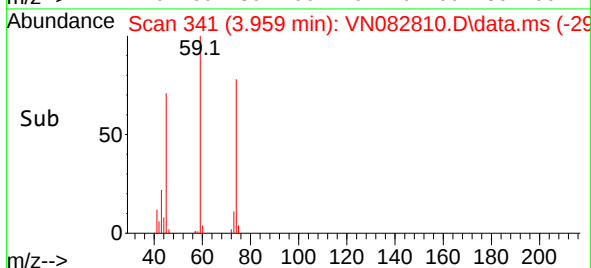
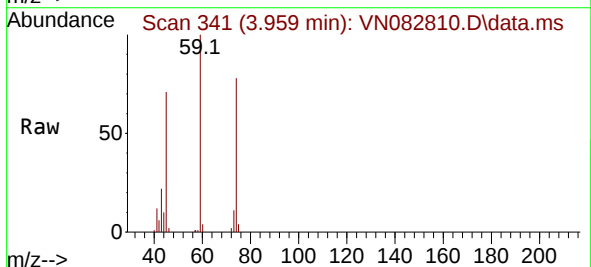
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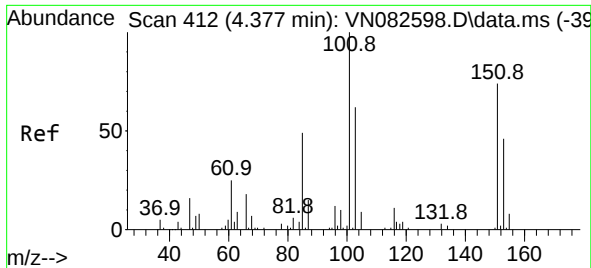
Reviewed By :John Carlone 07/05/2024
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#8
Diethyl Ether
Concen: 56.659 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 52074
Ion Ratio Lower Upper
74 100
45 92.1 55.5 166.3





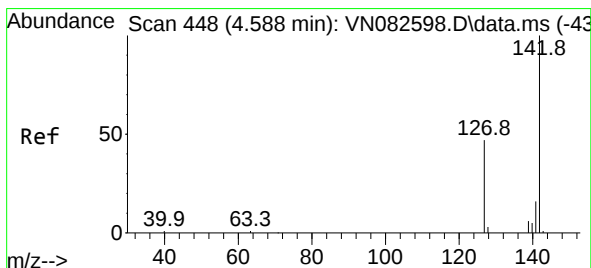
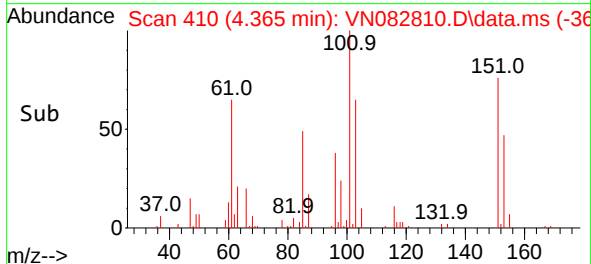
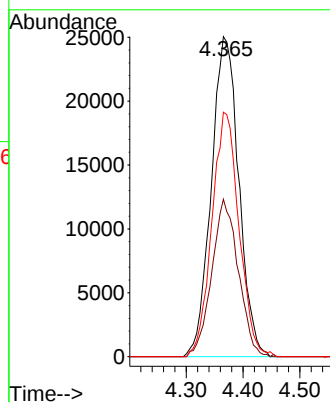
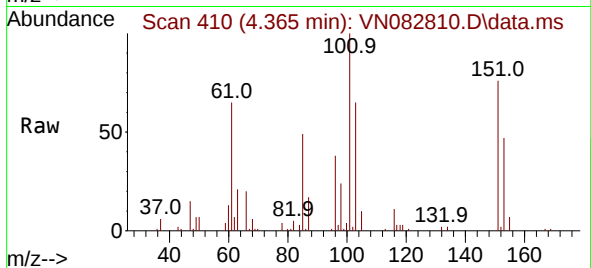
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1,1,2-Trichlorotrifluoroethane
Concen: 50.236 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN082810.D
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 8422
Ion Ratio Lower Upper
101 100
85 47.4 38.3 57.5
151 75.2 59.3 88.9

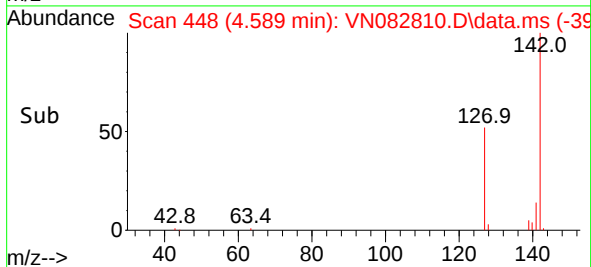
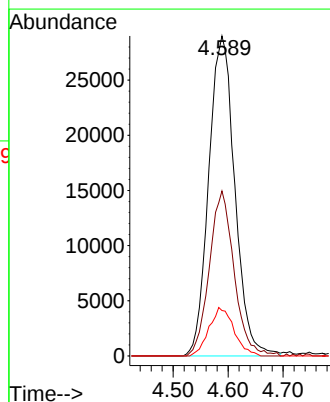
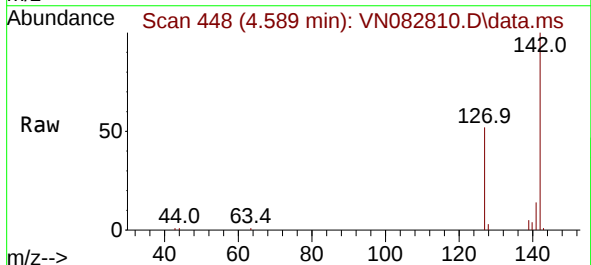
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#10
Methyl Iodide
Concen: 62.220 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

Tgt Ion:142 Resp: 95648
Ion Ratio Lower Upper
142 100
127 51.6 37.5 56.3
141 14.2 13.1 19.7





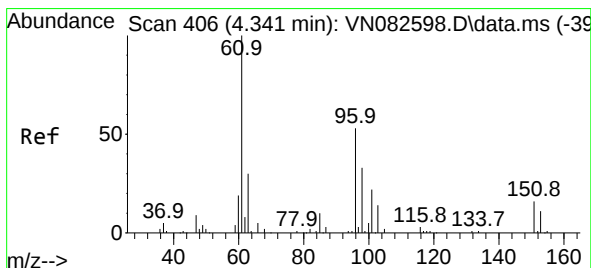
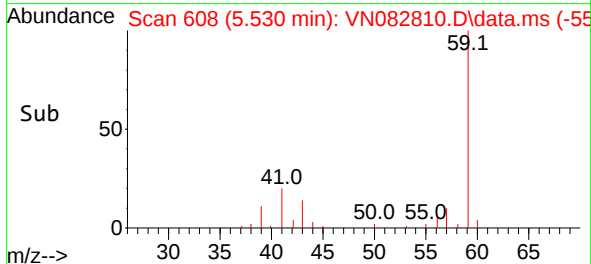
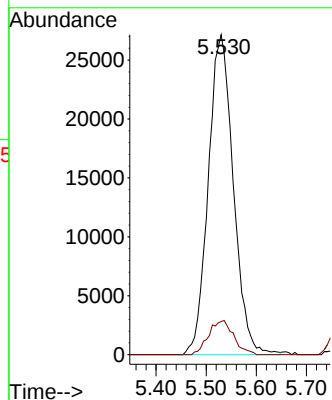
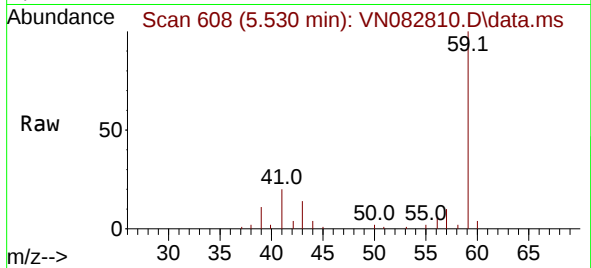
#11
Tert butyl alcohol
Concen: 273.109 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 9420
Ion Ratio Lower Upper
59 100
57 10.7 8.9 13.3

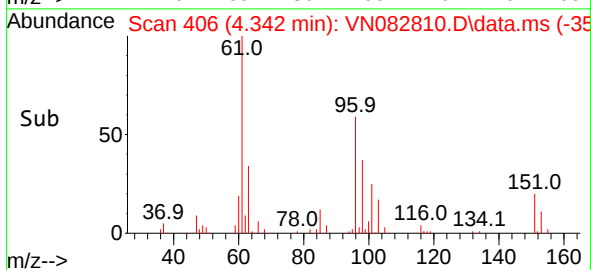
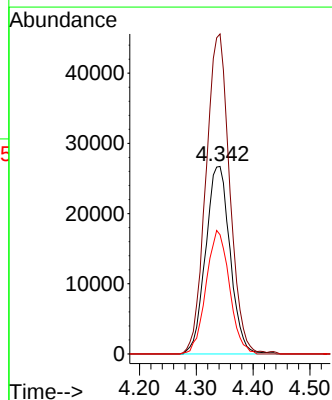
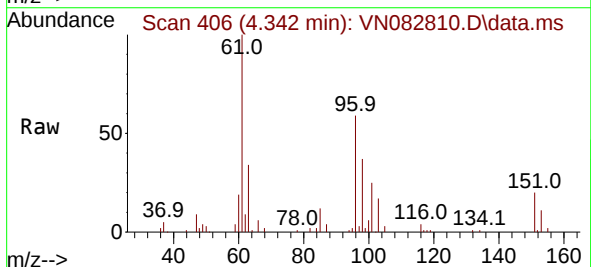
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#12
1,1-Dichloroethene
Concen: 50.961 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

Tgt Ion: 96 Resp: 79697
Ion Ratio Lower Upper
96 100
61 170.6 149.7 224.5
98 63.5 50.1 75.1





#13

Acrolein

Concen: 269.602 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082810.D

Acq: 03 Jul 2024 18:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 5657

Ion Ratio Lower Upper

56 100

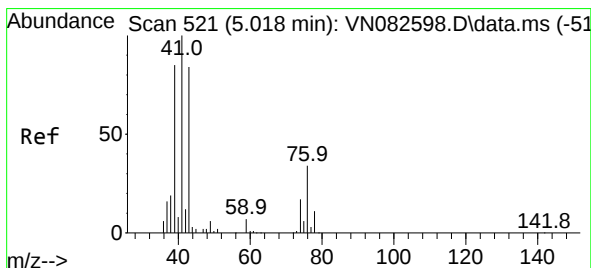
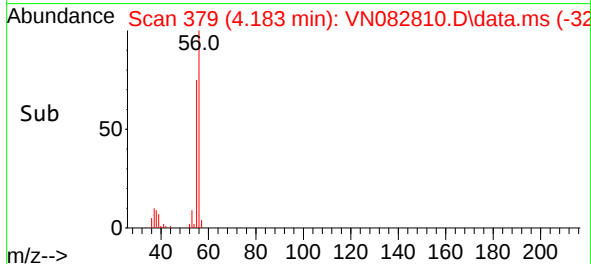
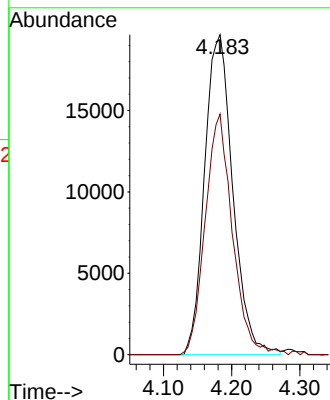
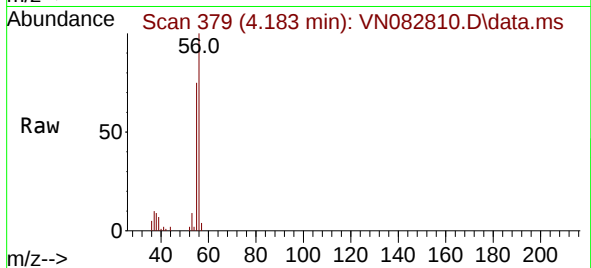
55 72.7 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/05/2024

Supervised By :Mahesh Dadoda 07/05/2024



#14

Allyl chloride

Concen: 55.642 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN082810.D

Acq: 03 Jul 2024 18:05

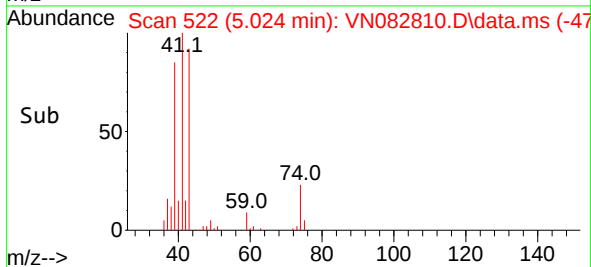
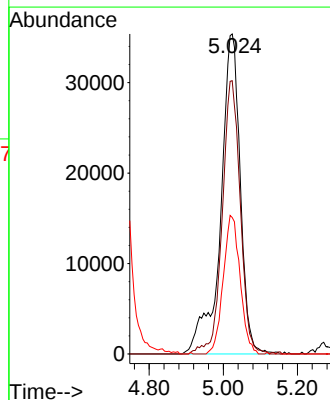
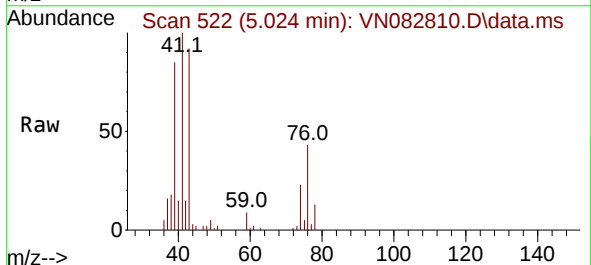
Tgt Ion: 41 Resp: 130743

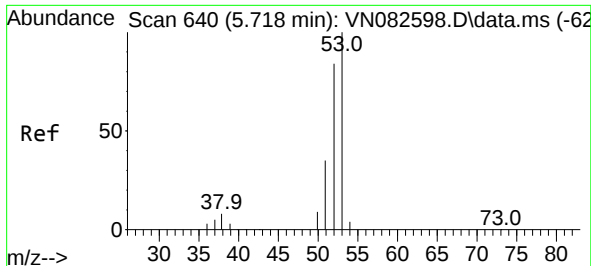
Ion Ratio Lower Upper

41 100

39 77.9 67.8 101.6

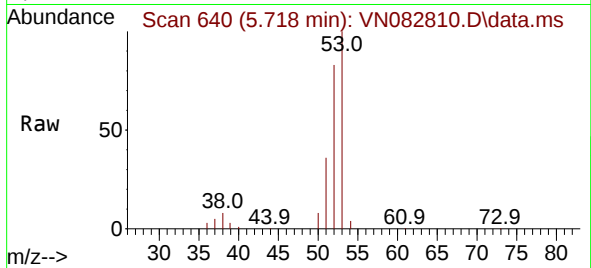
76 37.0 25.8 38.8





#15
Acrylonitrile
Concen: 241.627 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

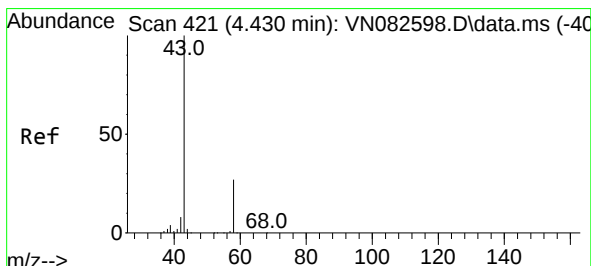
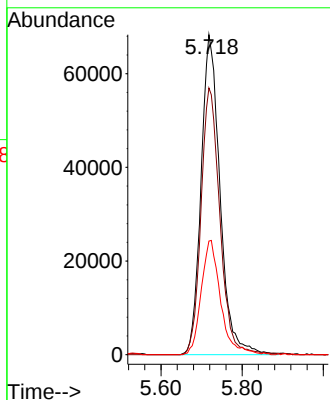
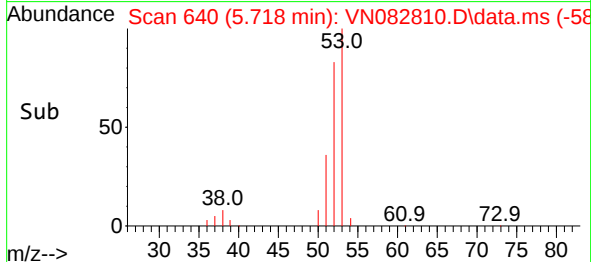
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 221698
Ion Ratio Lower Upper
53 100
52 83.1 66.6 100.0
51 36.5 30.1 45.1

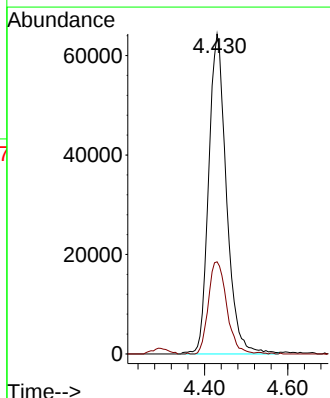
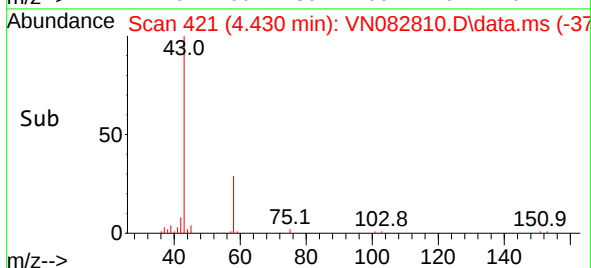
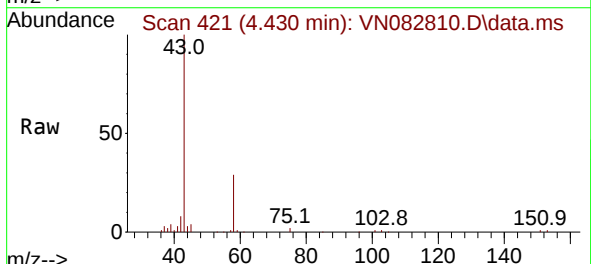
Manual Integrations
APPROVED

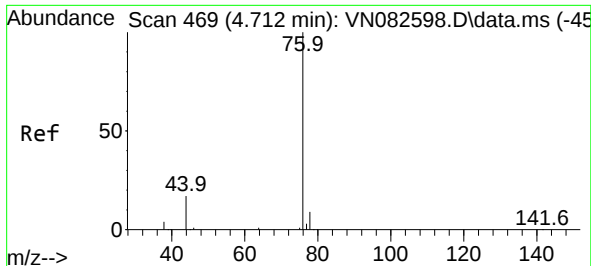
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#16
Acetone
Concen: 233.556 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

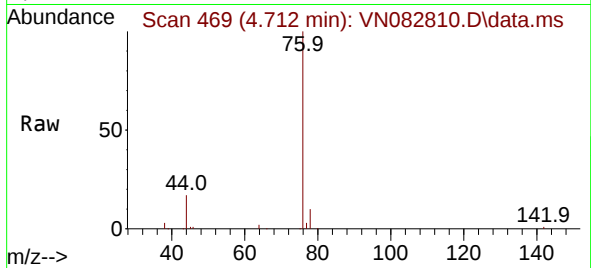
Tgt Ion: 43 Resp: 191085
Ion Ratio Lower Upper
43 100
58 28.8 21.8 32.6





#17
Carbon Disulfide
Concen: 38.721 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

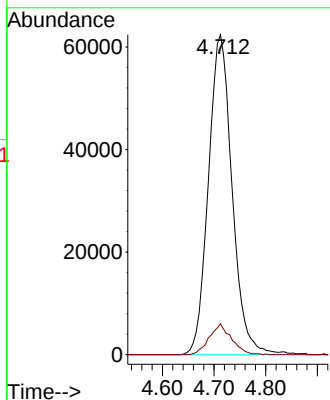
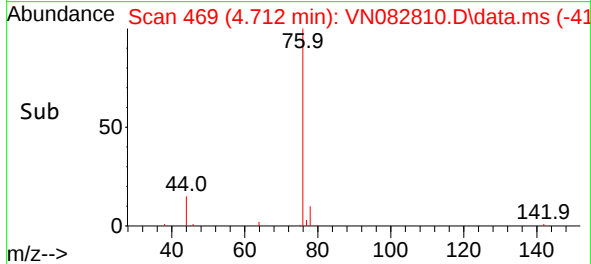
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 198329
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

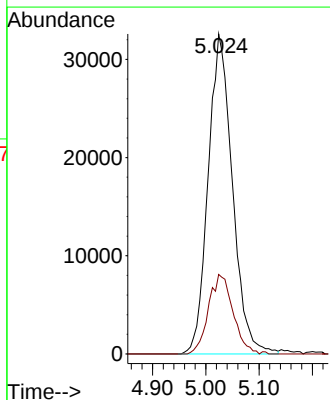
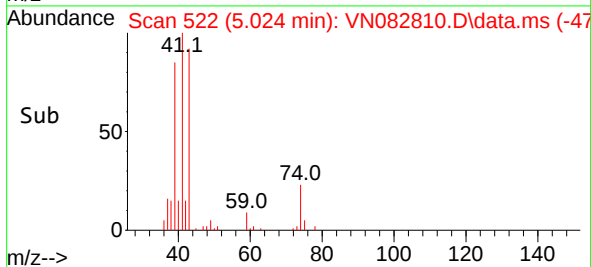
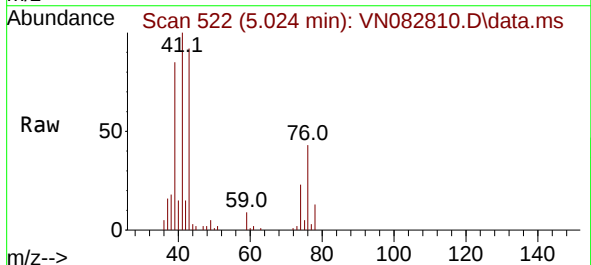
Manual Integrations
APPROVED

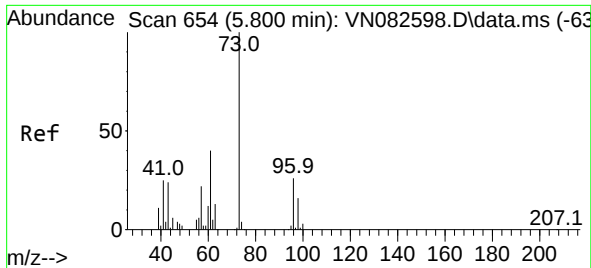
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#18
Methyl Acetate
Concen: 47.421 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

Tgt Ion: 43 Resp: 103141
Ion Ratio Lower Upper
43 100
74 25.0 16.3 24.5#





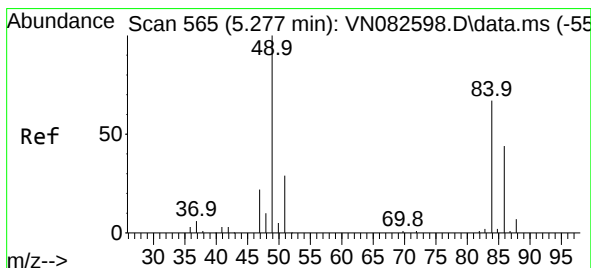
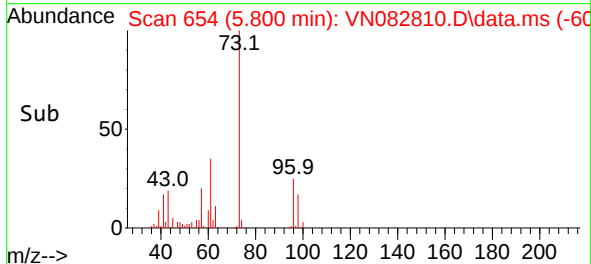
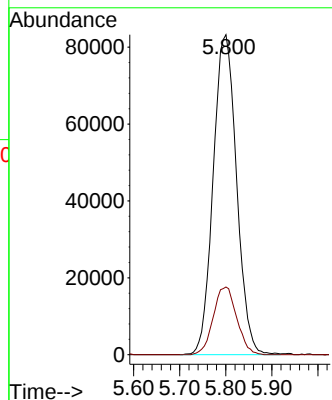
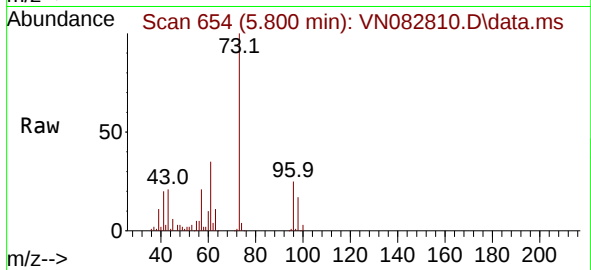
#19
Methyl tert-butyl Ether
Concen: 56.584 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 293398
Ion Ratio Lower Upper
73 100
57 21.1 17.9 26.9

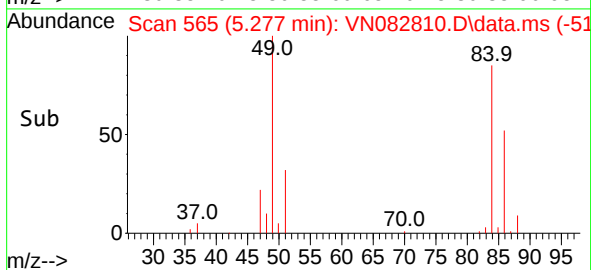
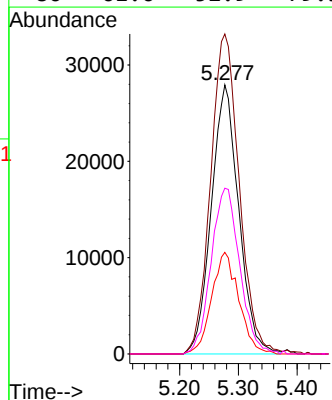
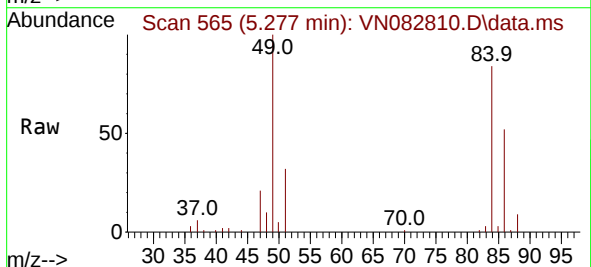
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#20
Methylene Chloride
Concen: 43.724 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

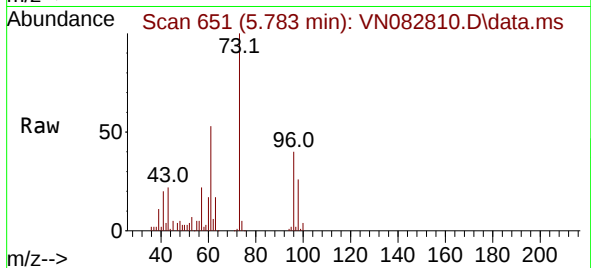
Tgt Ion: 84 Resp: 90520
Ion Ratio Lower Upper
84 100
49 118.9 119.6 179.4#
51 37.8 34.8 52.2
86 61.6 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 49.398 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

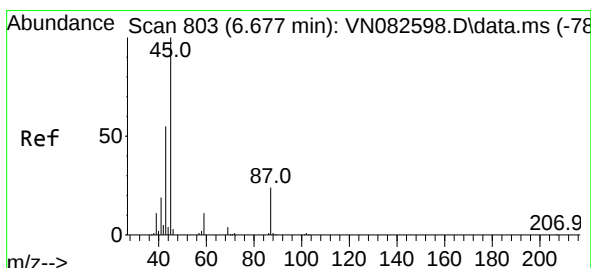
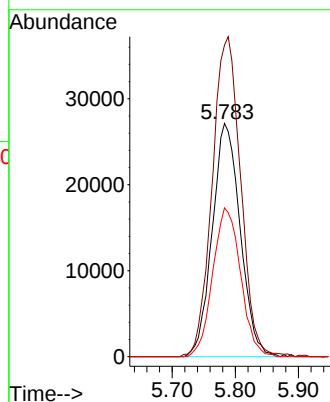
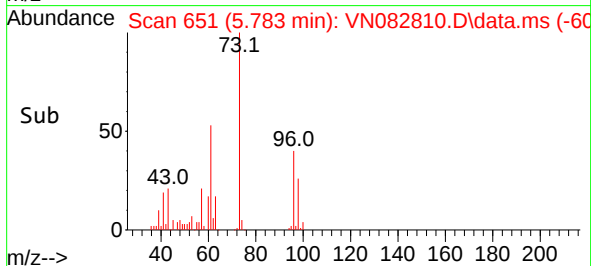
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 83362
Ion Ratio Lower Upper
96 100
61 133.6 123.4 185.2
98 63.8 49.3 73.9

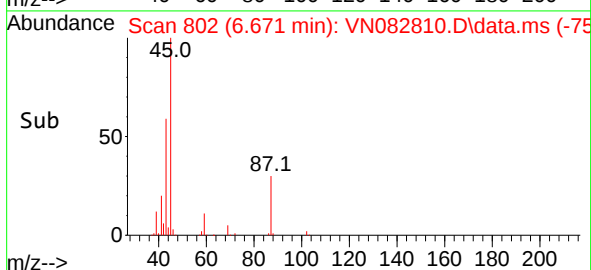
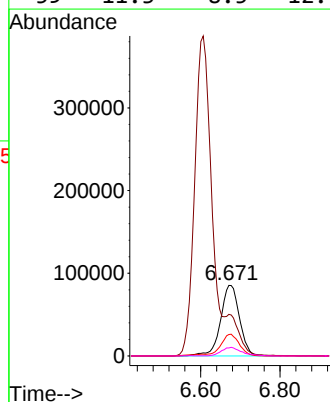
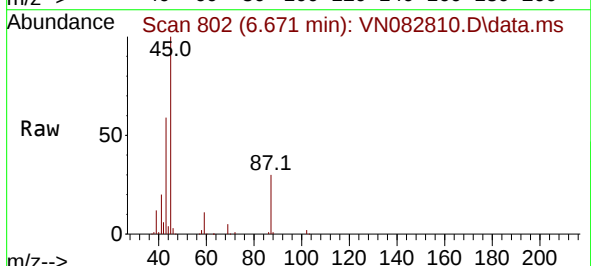
Manual Integrations
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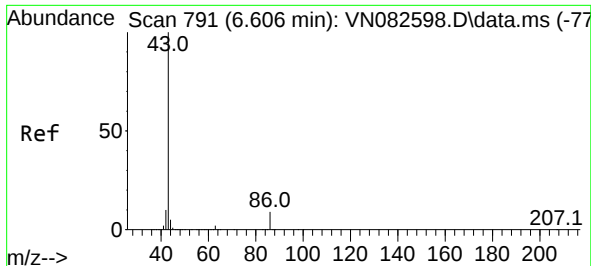
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#22
Diisopropyl ether
Concen: 51.753 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

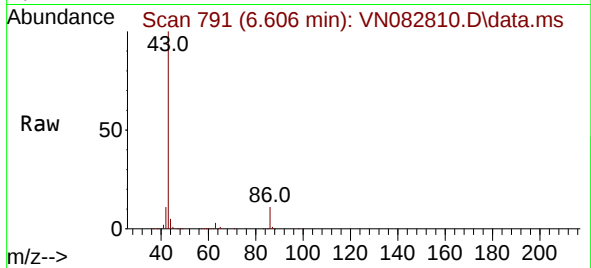
Tgt Ion: 45 Resp: 282916
Ion Ratio Lower Upper
45 100
43 58.3 44.0 66.0
87 30.5 19.7 29.5#
59 11.3 8.5 12.7





#23
 Vinyl Acetate
 Concen: 260.013 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082810.D
 Acq: 03 Jul 2024 18:05

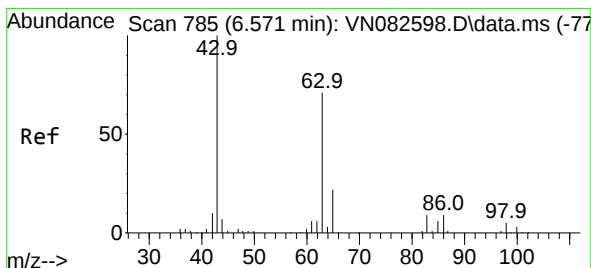
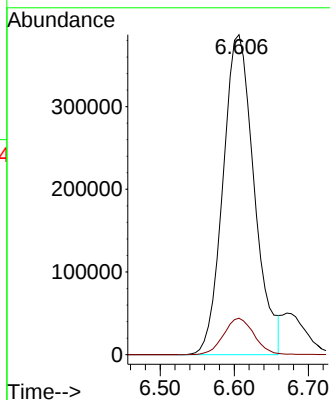
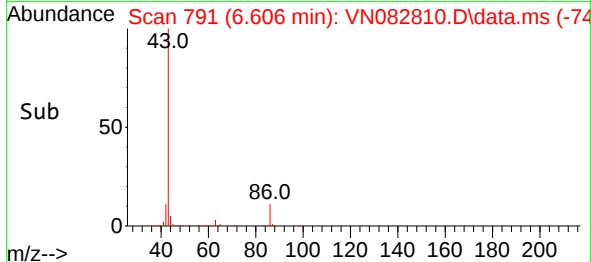
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



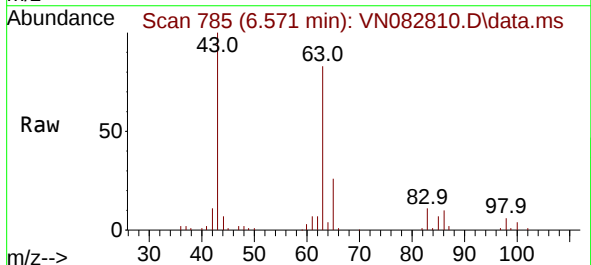
Tgt Ion: 43 Resp: 113488
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.3 10.9

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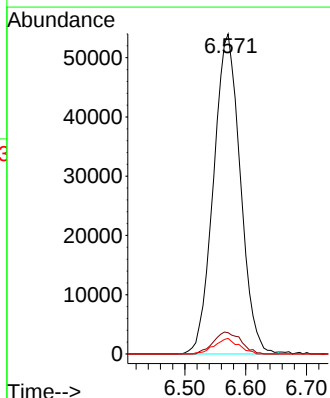
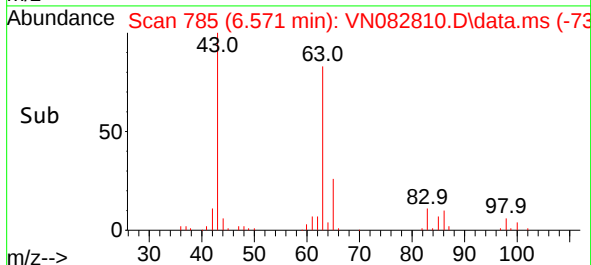
Reviewed By :John Carlone 07/05/2024
 Supervised By :Mahesh Dadoda 07/05/2024

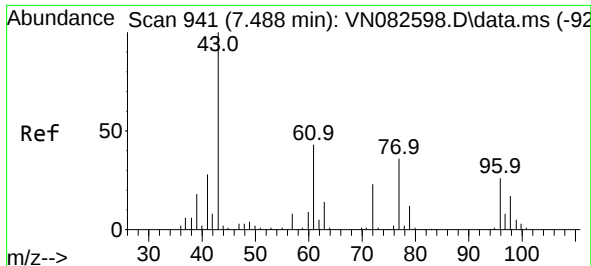


#24
 1,1-Dichloroethane
 Concen: 49.752 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082810.D
 Acq: 03 Jul 2024 18:05



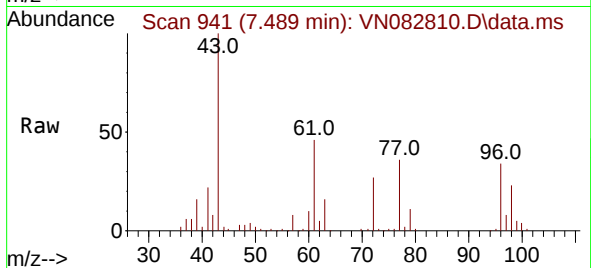
Tgt Ion: 63 Resp: 165118
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.9 2.0 6.0





#25
2-Butanone
Concen: 241.415 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

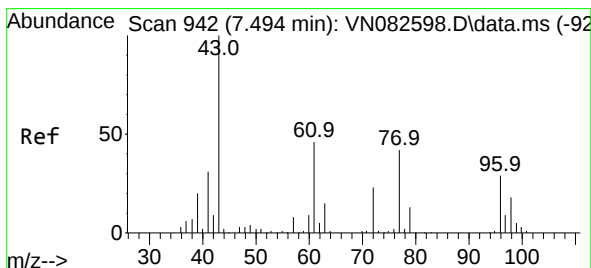
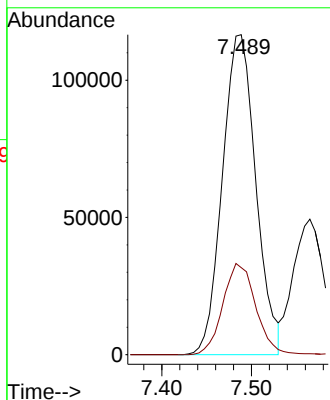
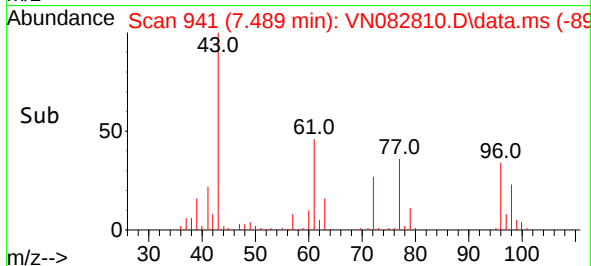
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



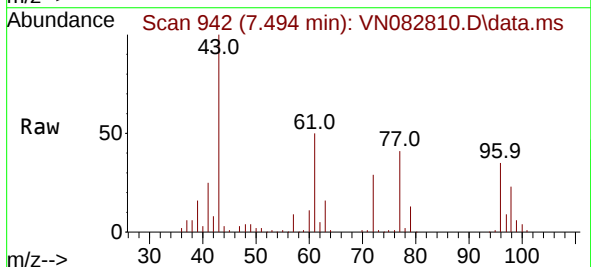
Tgt Ion: 43 Resp: 301759
Ion Ratio Lower Upper
43 100
72 27.2 18.2 27.2

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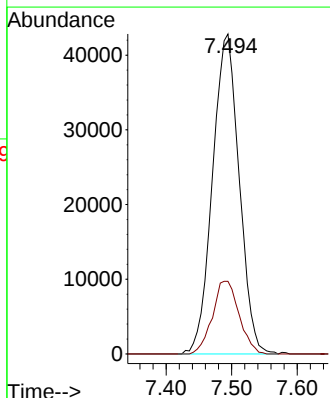
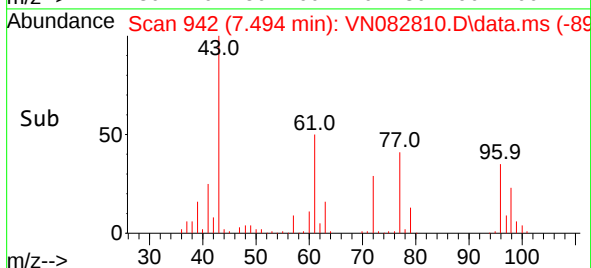
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024

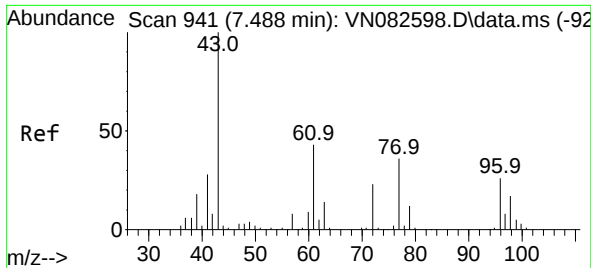


#26
2,2-Dichloropropane
Concen: 56.759 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05



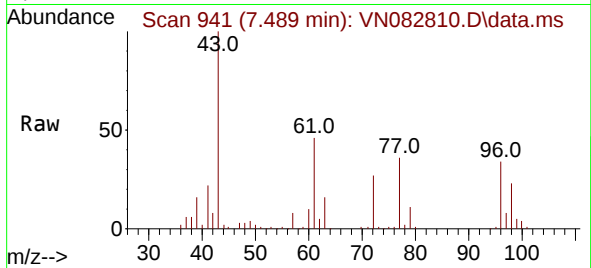
Tgt Ion: 77 Resp: 120856
Ion Ratio Lower Upper
77 100
97 22.7 10.3 30.9





#27
cis-1,2-Dichloroethene
Concen: 52.163 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

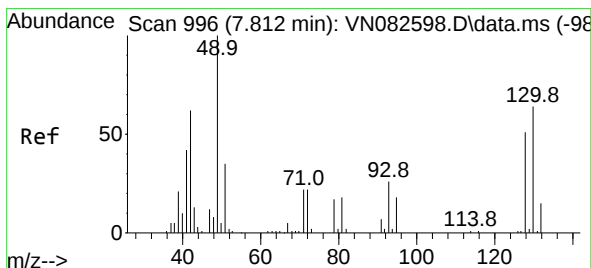
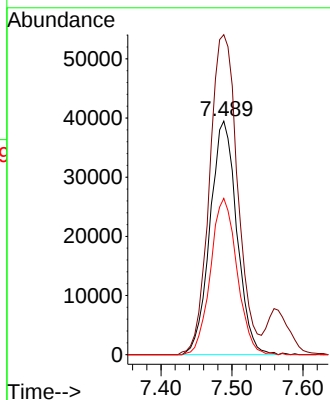
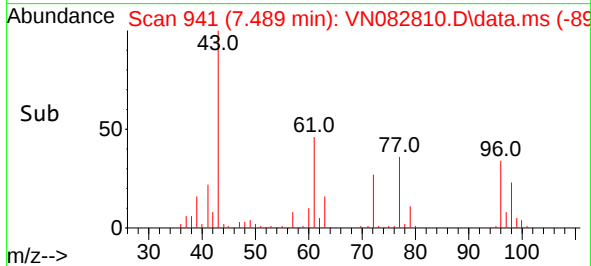
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 103574
Ion Ratio Lower Upper
96 100
61 144.1 0.0 329.6
98 66.0 0.0 128.6

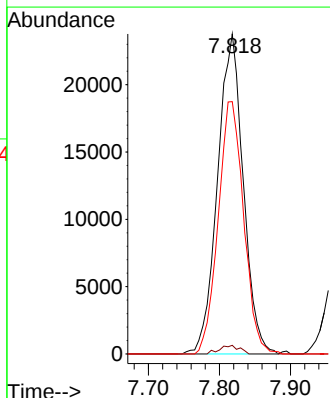
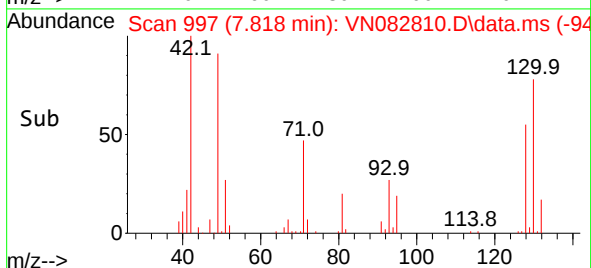
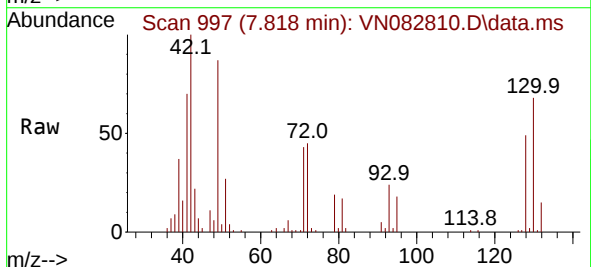
Manual Integrations
APPROVED

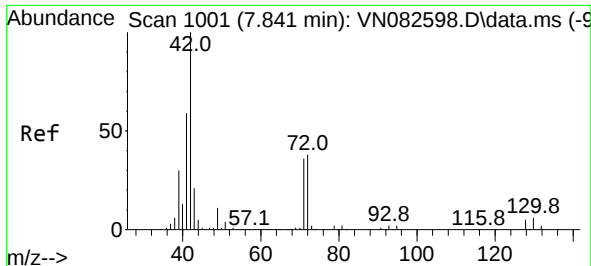
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#28
Bromochloromethane
Concen: 41.108 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

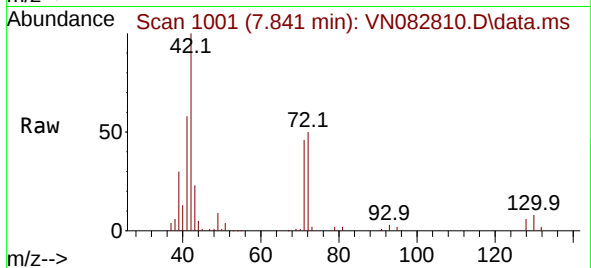
Tgt Ion: 49 Resp: 59672
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 78.2 50.5 75.7#





#29
Tetrahydrofuran
Concen: 244.158 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

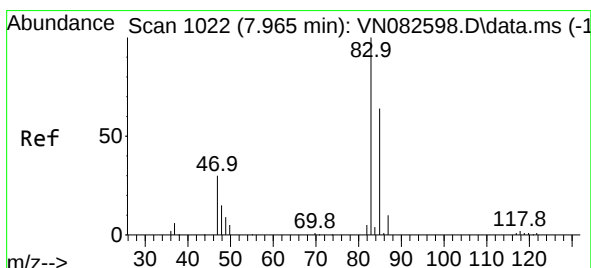
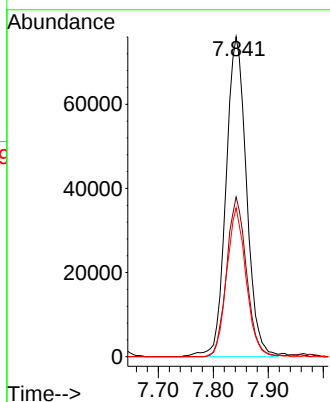
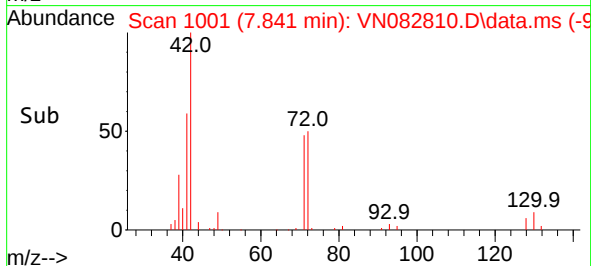
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 196794
Ion Ratio Lower Upper
42 100
72 48.3 30.0 45.0
71 44.2 28.3 42.5

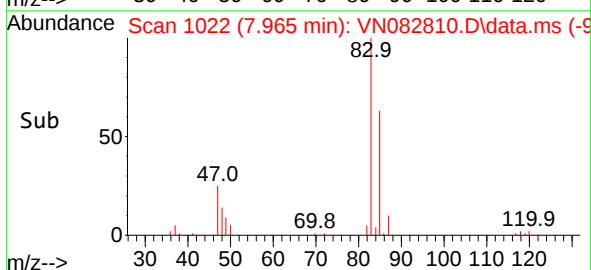
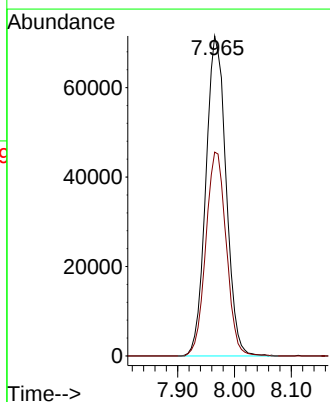
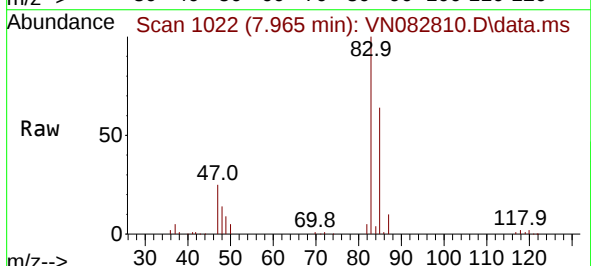
Manual Integrations
APPROVED

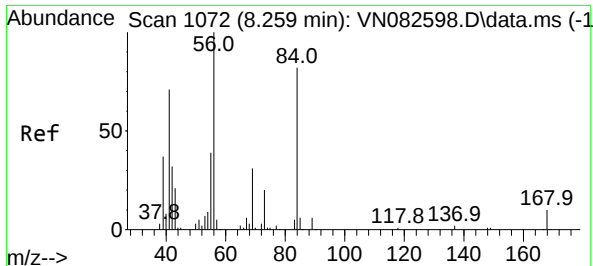
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#30
Chloroform
Concen: 49.751 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

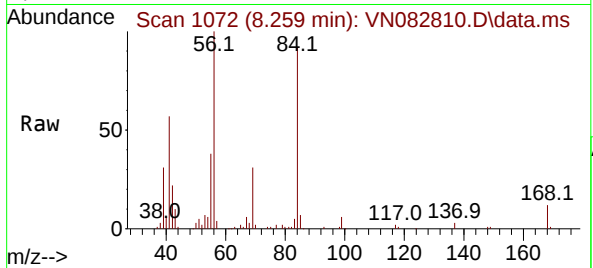
Tgt Ion: 83 Resp: 176030
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3





#31
Cyclohexane
Concen: 44.070 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

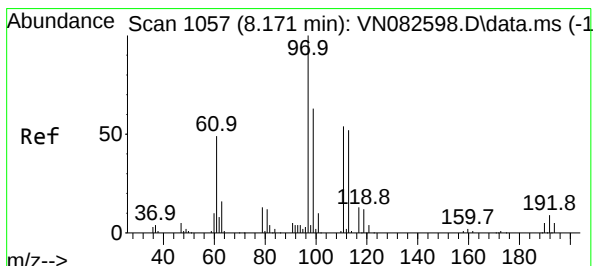
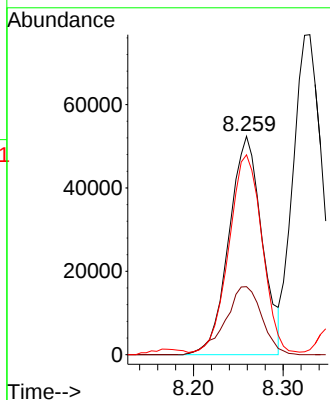
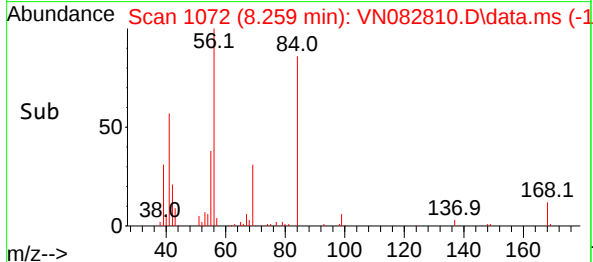
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



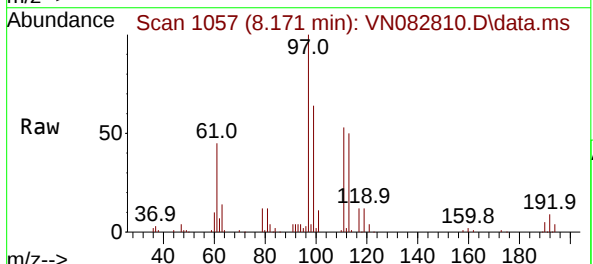
Tgt Ion: 56 Resp: 134088
Ion Ratio Lower Upper
56 100
69 30.8 24.5 36.7
84 89.5 66.0 99.0

Manual Integrations
APPROVED

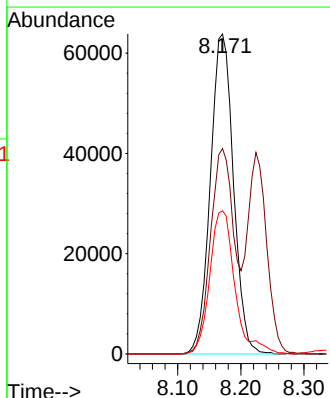
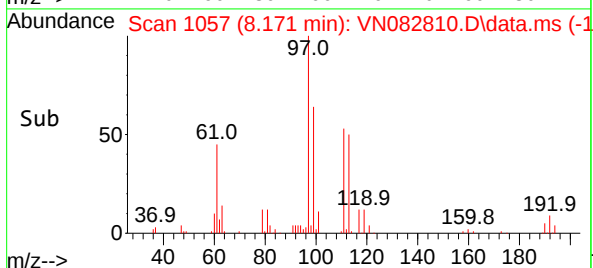
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024

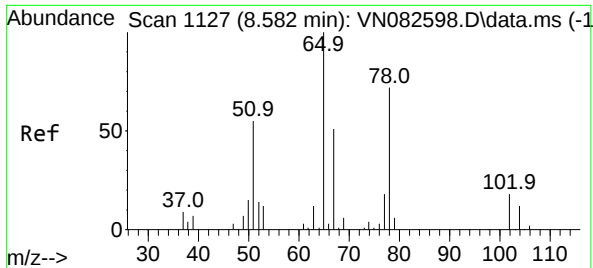


#32
1,1,1-Trichloroethane
Concen: 51.978 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05



Tgt Ion: 97 Resp: 162376
Ion Ratio Lower Upper
97 100
99 65.9 52.0 78.0
61 48.6 42.1 63.1





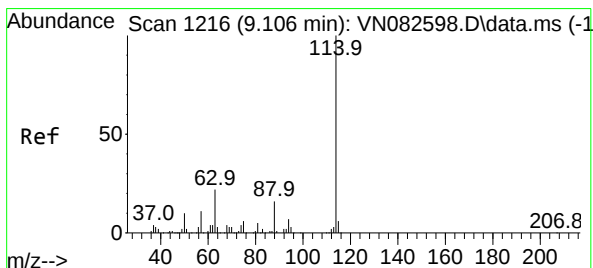
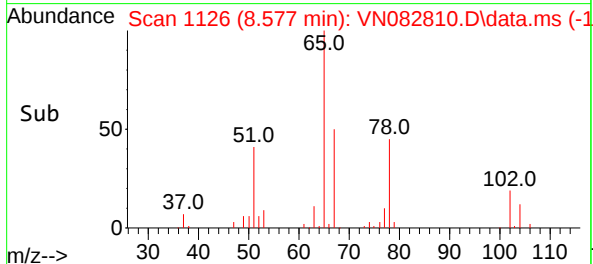
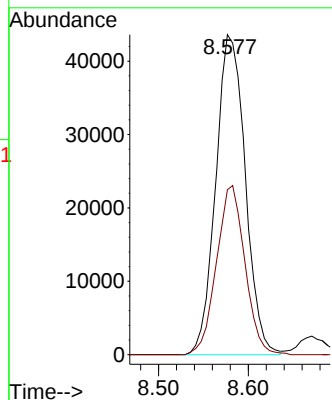
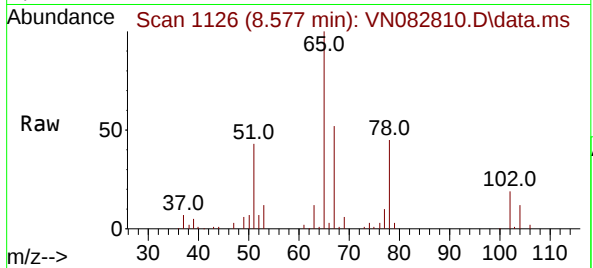
#33
1,2-Dichloroethane-d4
Concen: 46.121 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 9959
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.4

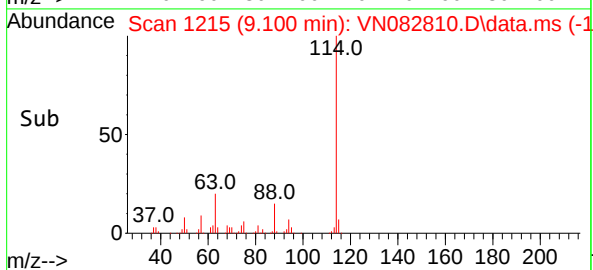
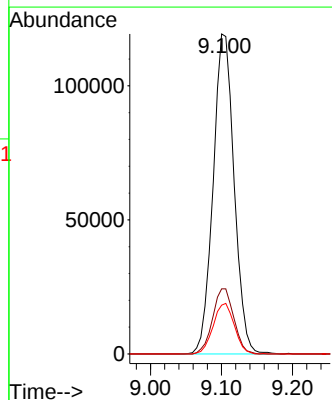
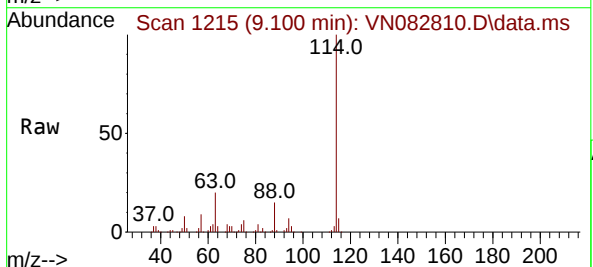
Manual Integrations
APPROVED

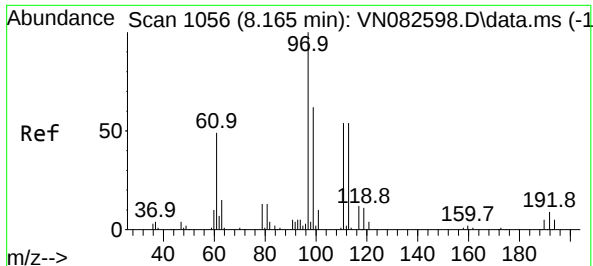
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

Tgt Ion:114 Resp: 244889
Ion Ratio Lower Upper
114 100
63 20.4 0.0 44.6
88 15.2 0.0 31.4





#35
Dibromofluoromethane
Concen: 48.508 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

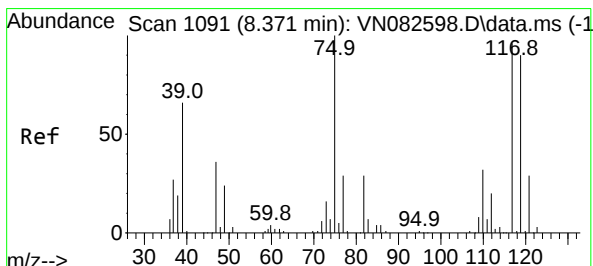
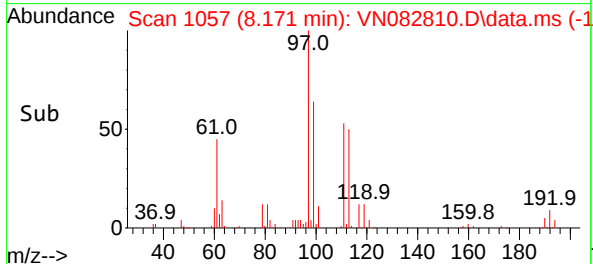
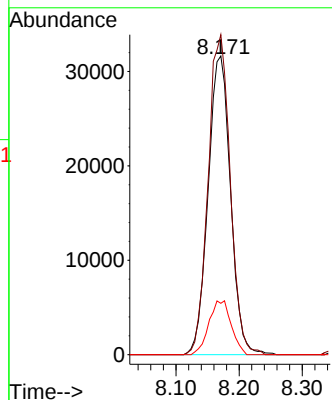
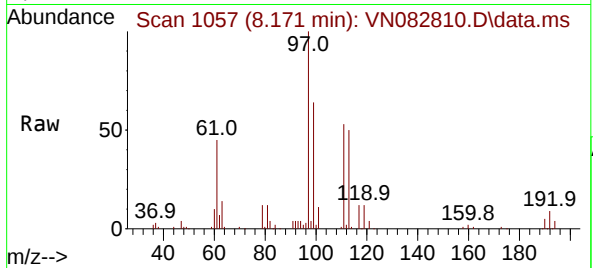
Tgt Ion:113 Resp: 7821
Ion Ratio Lower Upper
113 100
111 105.5 82.4 123.6
192 18.0 14.9 22.3

Manual Integrations

APPROVED

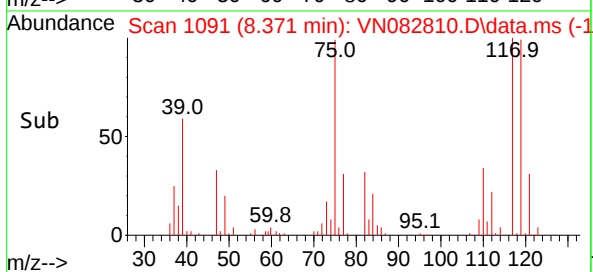
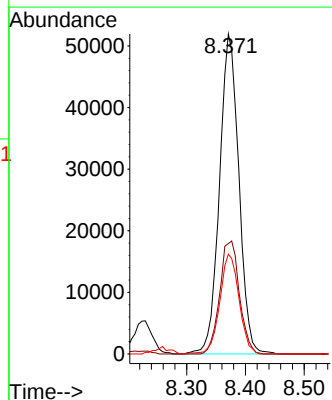
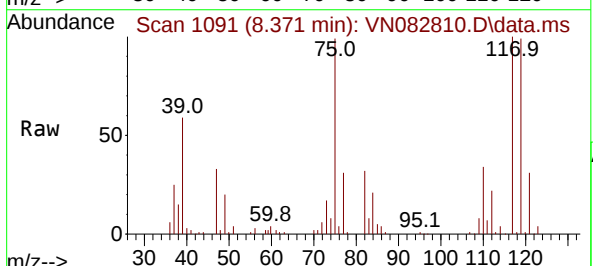
Reviewed By :John Carlone 07/05/2024

Supervised By :Mahesh Dadoda 07/05/2024



#36
1,1-Dichloropropene
Concen: 51.193 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

Tgt Ion: 75 Resp: 118638
Ion Ratio Lower Upper
75 100
110 35.9 16.3 48.9
77 30.9 24.6 37.0





#37

Ethyl Acetate

Concen: 49.512 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN082810.D

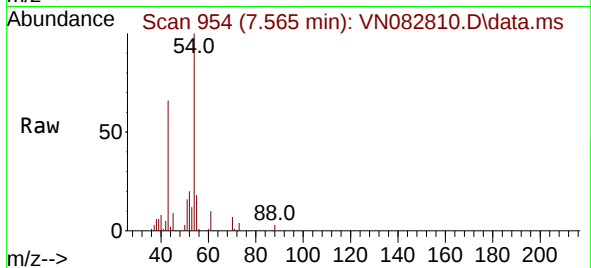
Acq: 03 Jul 2024 18:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



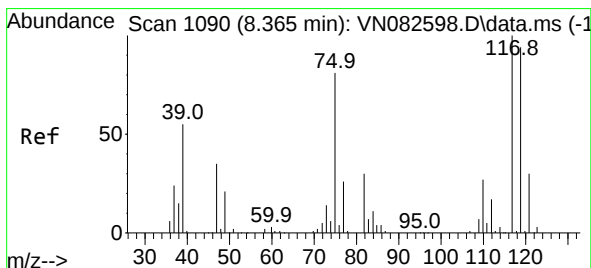
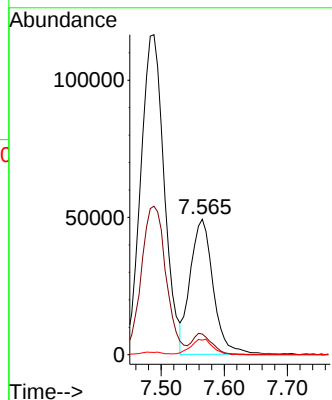
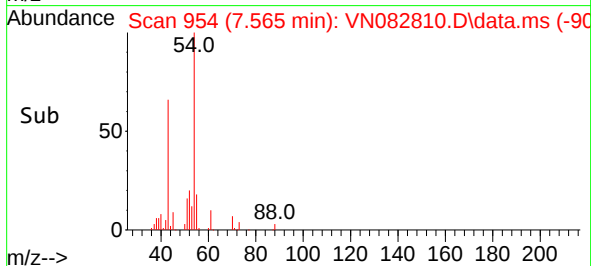
Tgt Ion:	43	Resp:	12401
Ion	Ratio	Lower	Upper
43	100		
61	13.4	9.3	13.9
70	11.0	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/05/2024

Supervised By :Mahesh Dadoda 07/05/2024



#38

Carbon Tetrachloride

Concen: 53.050 ug/l

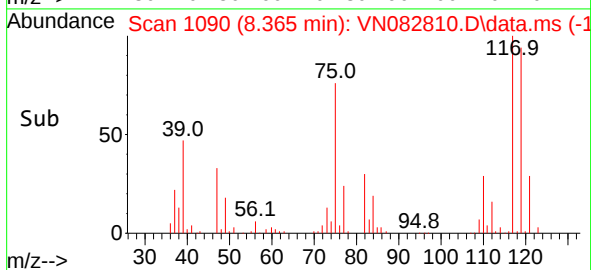
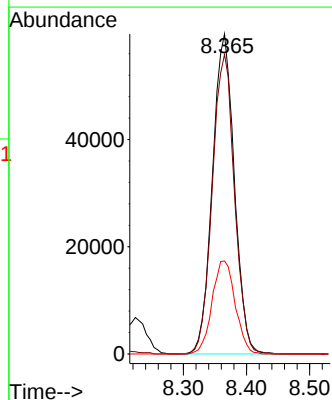
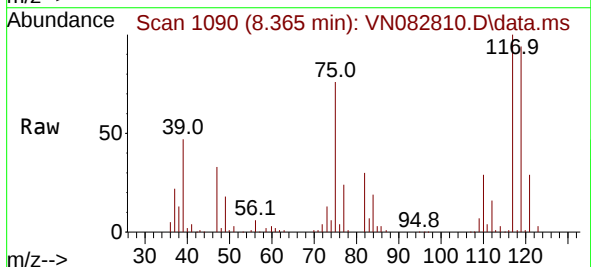
RT: 8.365 min Scan# 1090

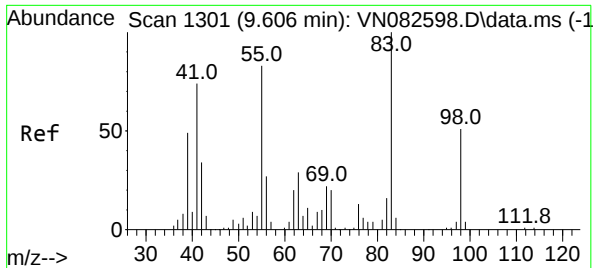
Delta R.T. -0.000 min

Lab File: VN082810.D

Acq: 03 Jul 2024 18:05

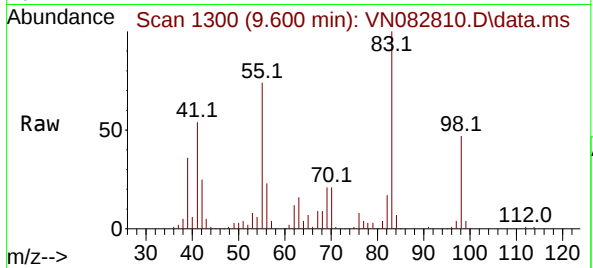
Tgt Ion:	117	Resp:	143789
Ion	Ratio	Lower	Upper
117	100		
119	93.6	74.9	112.3
121	29.0	24.3	36.5





#39
Methylcyclohexane
Concen: 52.895 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

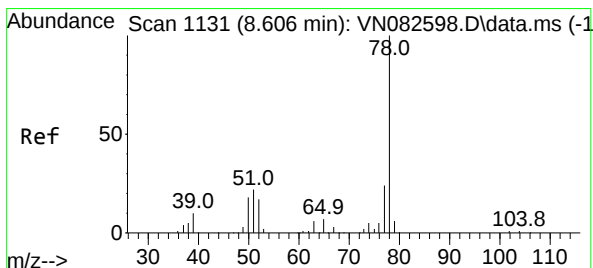
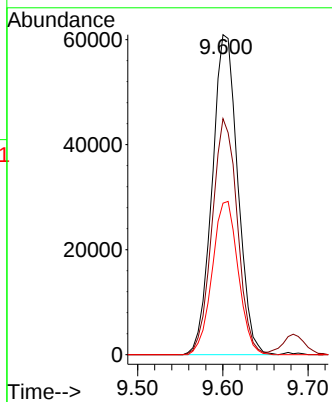
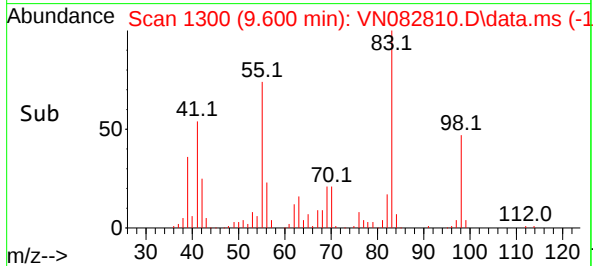
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 127272
Ion Ratio Lower Upper
83 100
55 73.7 66.4 99.6
98 47.4 40.7 61.1

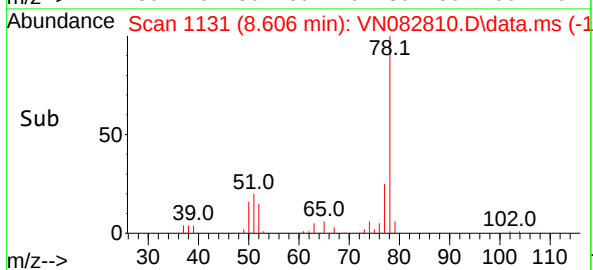
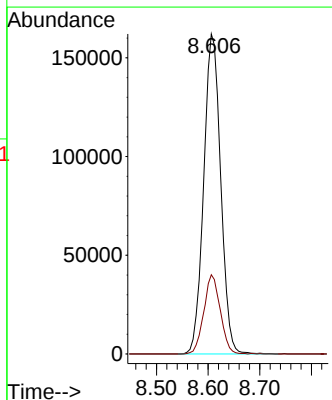
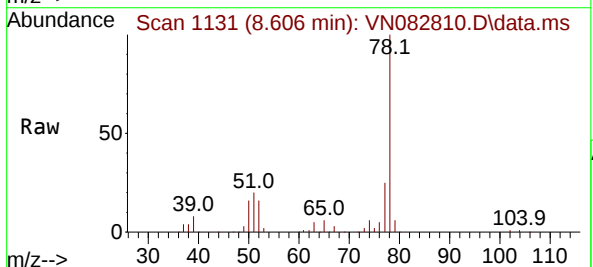
Manual Integrations
APPROVED

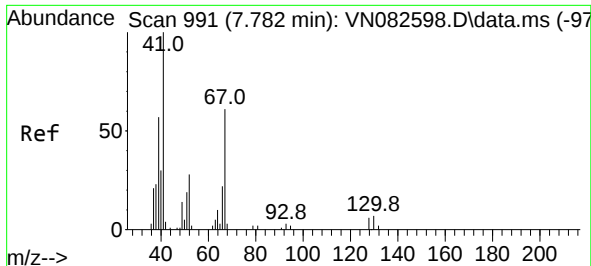
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#40
Benzene
Concen: 48.699 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

Tgt Ion: 78 Resp: 370236
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.4





#41
Methacrylonitrile
Concen: 51.233 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

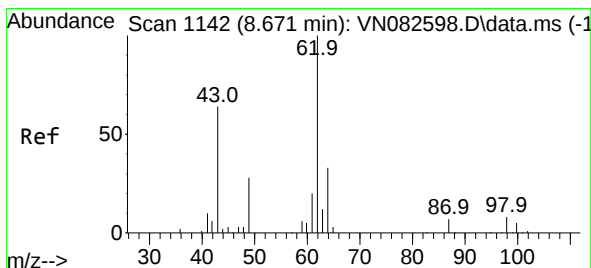
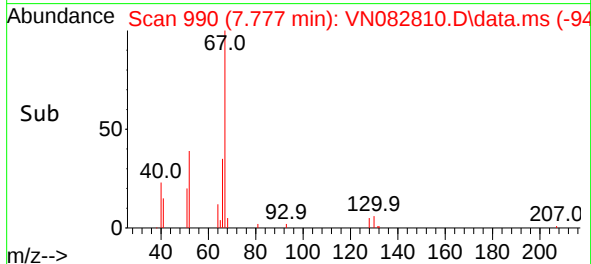
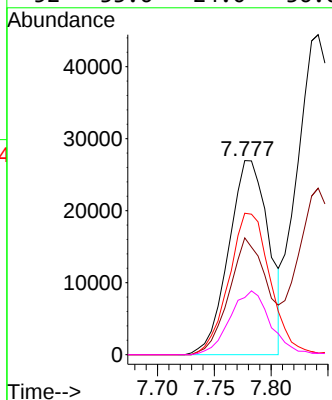
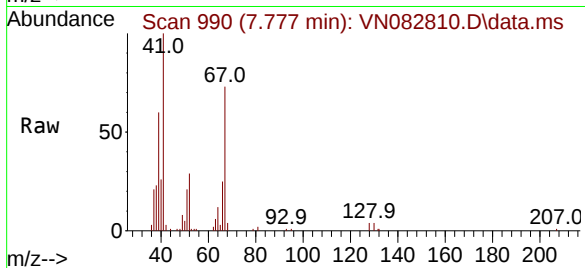
Tgt Ion: 41 Resp: 66168
Ion Ratio Lower Upper
41 100
39 57.2 45.5 68.3
67 75.3 50.5 75.7
52 33.6 24.0 36.0

Manual Integrations

APPROVED

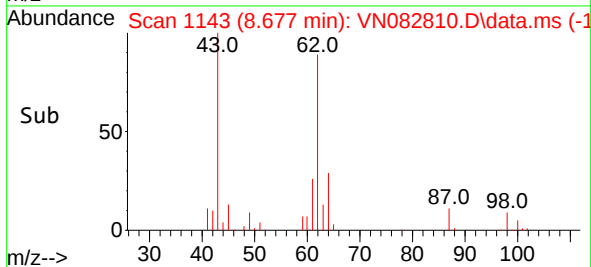
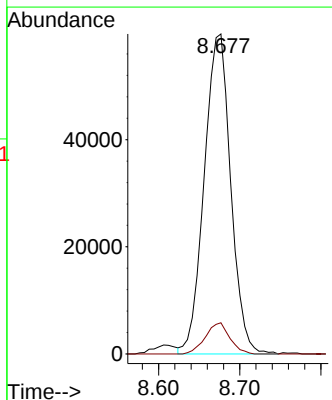
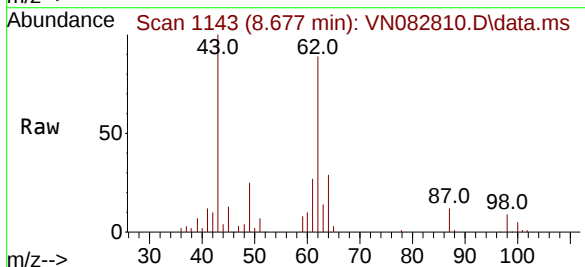
Reviewed By :John Carlone 07/05/2024

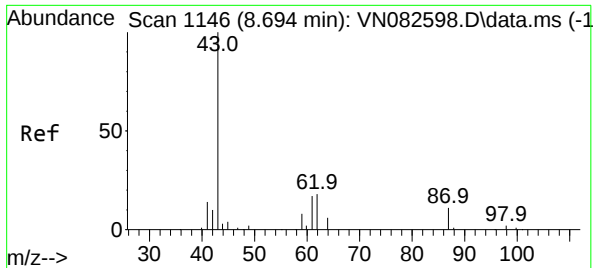
Supervised By :Mahesh Dadoda 07/05/2024



#42
1,2-Dichloroethane
Concen: 49.649 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

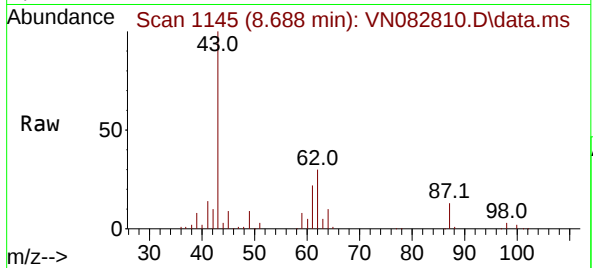
Tgt Ion: 62 Resp: 135544
Ion Ratio Lower Upper
62 100
98 9.0 0.0 15.8





#43
Isopropyl Acetate
Concen: 59.051 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

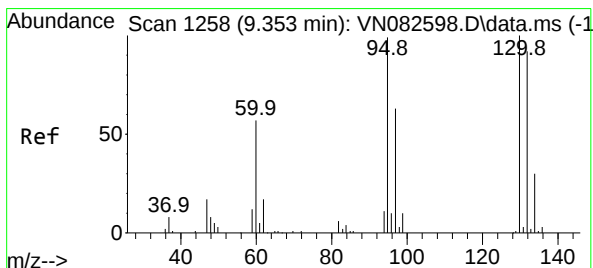
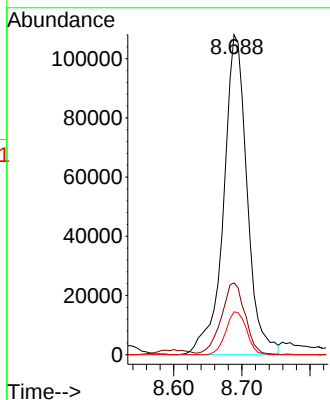
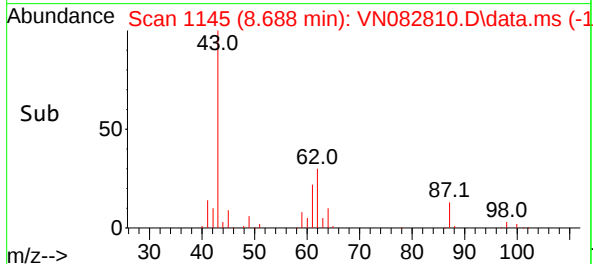
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



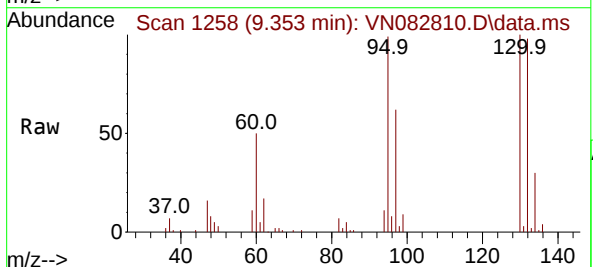
Tgt Ion: 43 Resp: 259652
Ion Ratio Lower Upper
43 100
61 22.7 17.8 26.6
87 11.8 8.2 12.2

Manual Integrations
APPROVED

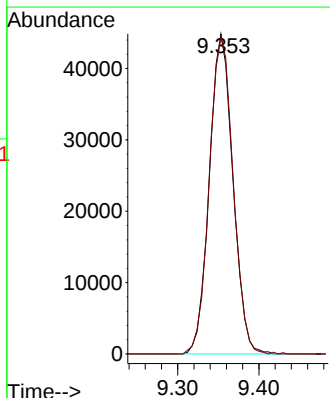
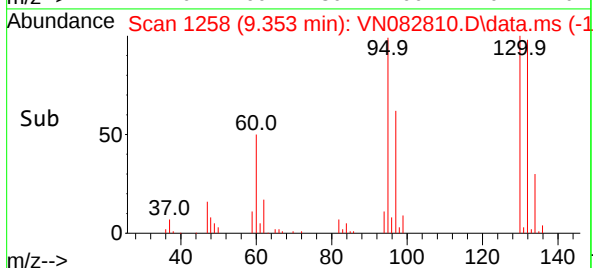
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#44
Trichloroethene
Concen: 51.177 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05



Tgt Ion:130 Resp: 90334
Ion Ratio Lower Upper
130 100
95 98.8 0.0 197.8





#45

1,2-Dichloropropane

Concen: 49.742 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.001 min

Lab File: VN082810.D

Acq: 03 Jul 2024 18:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 91652

Ion Ratio Lower Upper

63 100

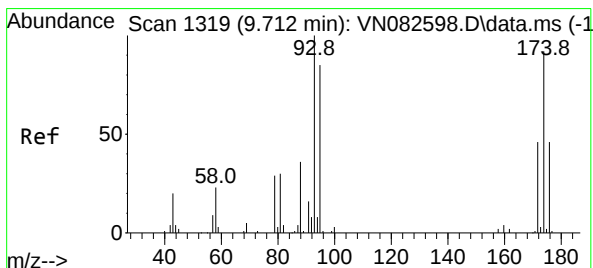
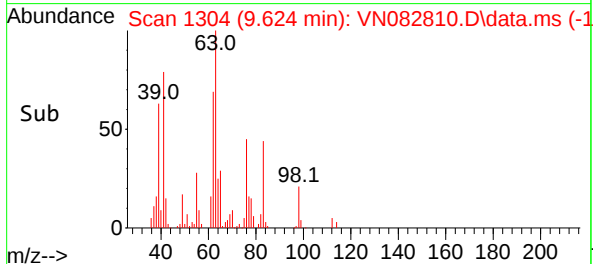
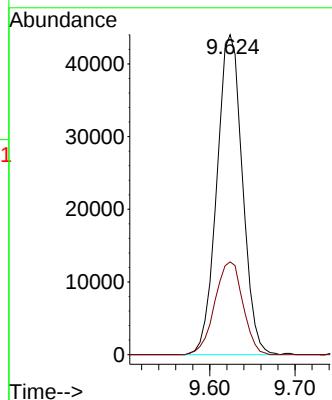
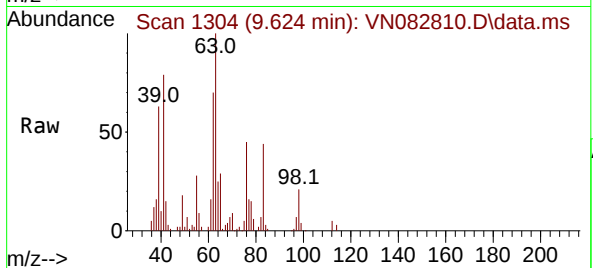
65 29.0 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/05/2024

Supervised By :Mahesh Dadoda 07/05/2024



#46

Dibromomethane

Concen: 51.036 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082810.D

Acq: 03 Jul 2024 18:05

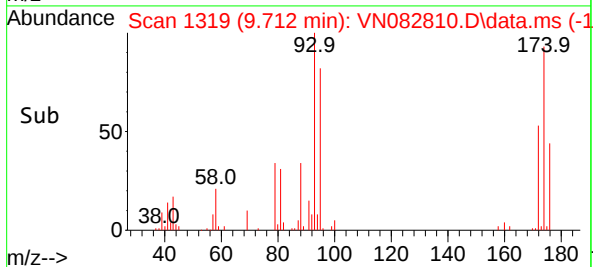
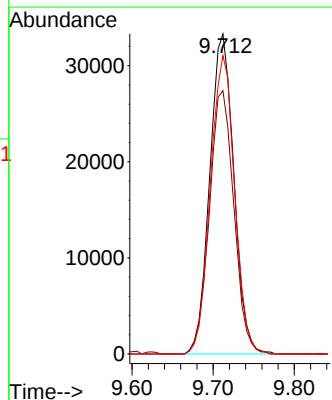
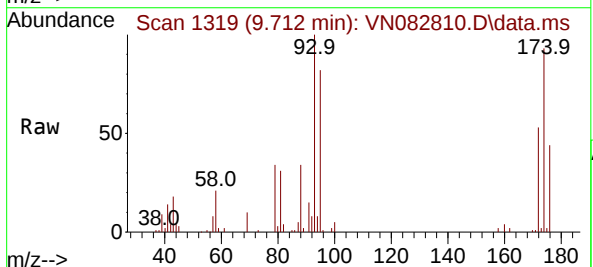
Tgt Ion: 93 Resp: 68688

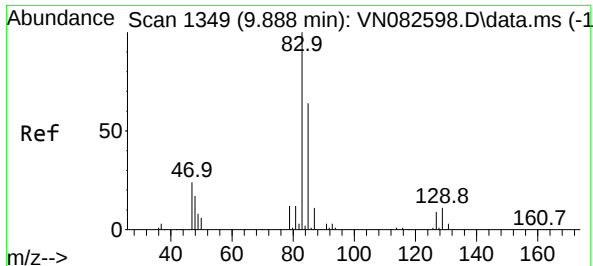
Ion Ratio Lower Upper

93 100

95 83.6 65.8 98.6

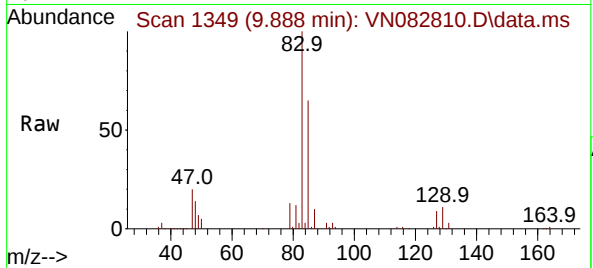
174 93.8 71.7 107.5





#47
Bromodichloromethane
Concen: 51.845 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

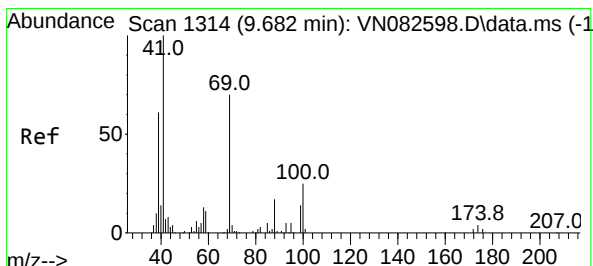
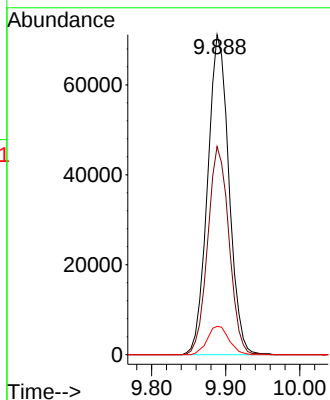
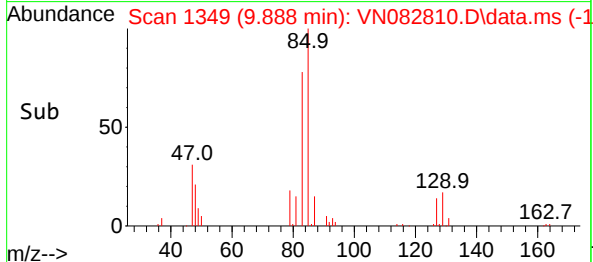
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 142180
Ion Ratio Lower Upper
83 100
85 65.1 51.1 76.7
127 8.8 7.2 10.8

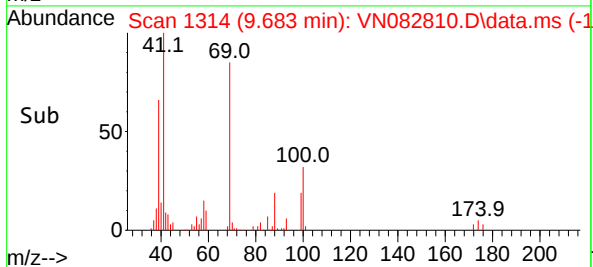
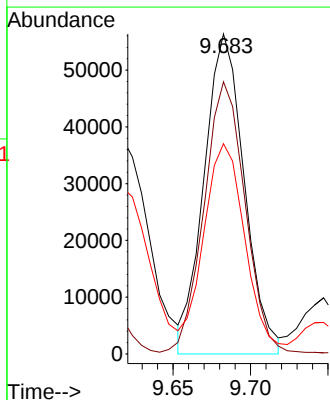
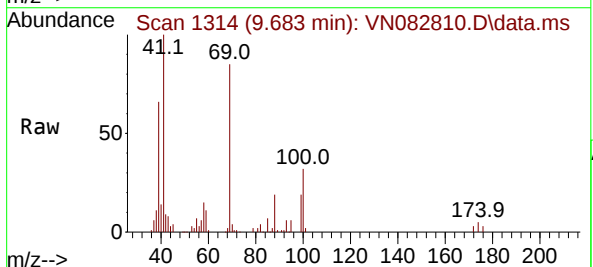
Manual Integrations
APPROVED

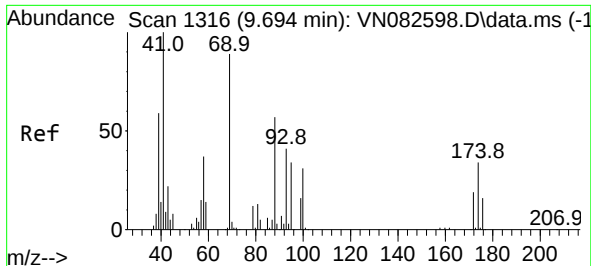
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#48
Methyl methacrylate
Concen: 52.663 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.001 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

Tgt Ion: 41 Resp: 101513
Ion Ratio Lower Upper
41 100
69 87.7 56.3 84.5#
39 68.4 50.3 75.5





#49

1,4-Dioxane

Concen: 1098.512 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN082810.D

Acq: 03 Jul 2024 18:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

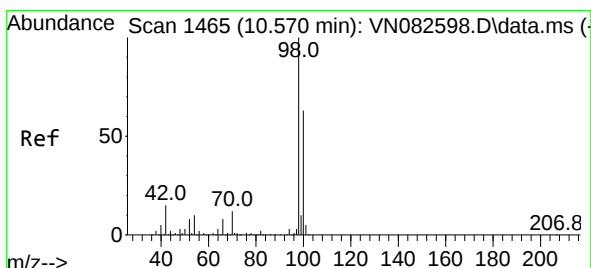
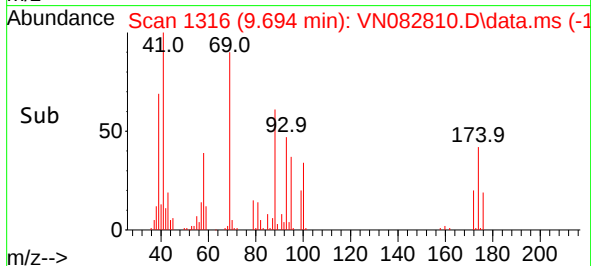
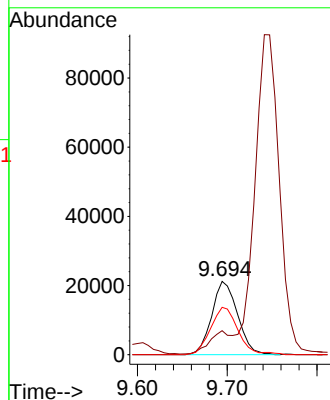
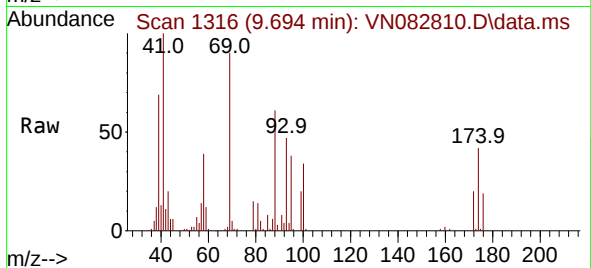
Tgt Ion: 88 Resp: 42259
 Ion Ratio Lower Upper
 88 100
 43 27.7 27.8 41.8
 58 68.9 59.4 89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/05/2024

Supervised By :Mahesh Dadoda 07/05/2024



#50

Toluene-d8

Concen: 47.553 ug/l

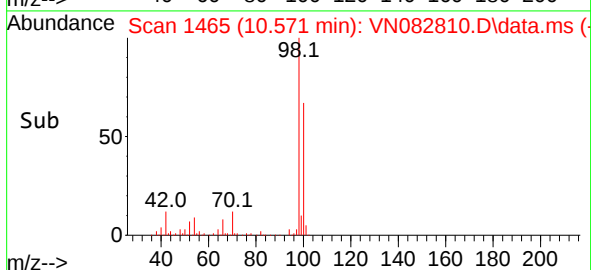
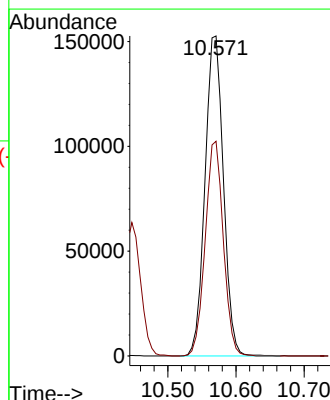
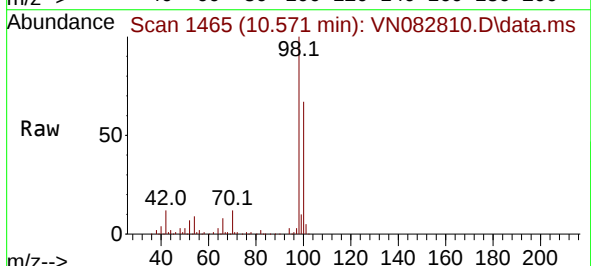
RT: 10.571 min Scan# 1465

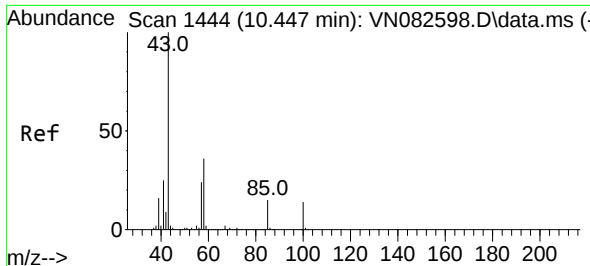
Delta R.T. 0.001 min

Lab File: VN082810.D

Acq: 03 Jul 2024 18:05

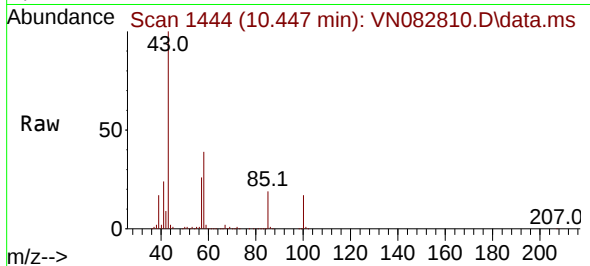
Tgt Ion: 98 Resp: 286732
 Ion Ratio Lower Upper
 98 100
 100 66.0 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 254.542 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

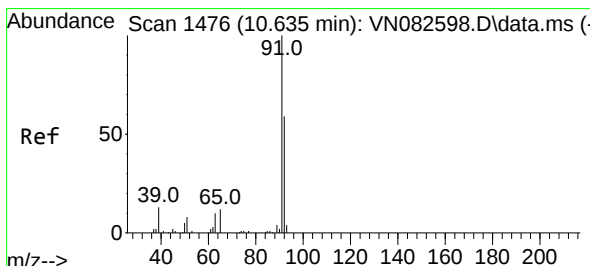
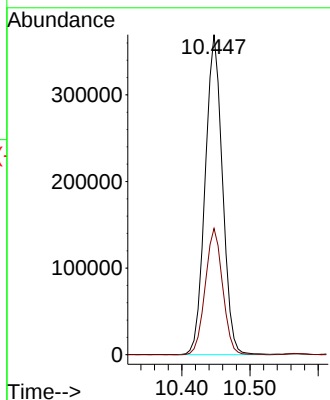
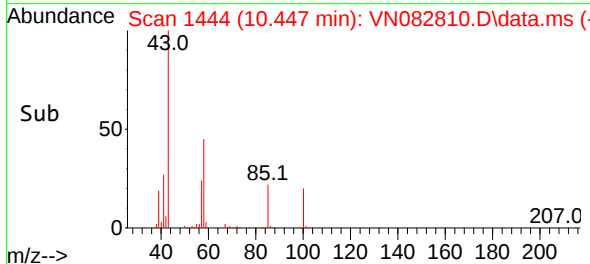
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 652114
Ion Ratio Lower Upper
43 100
58 39.6 28.2 42.4

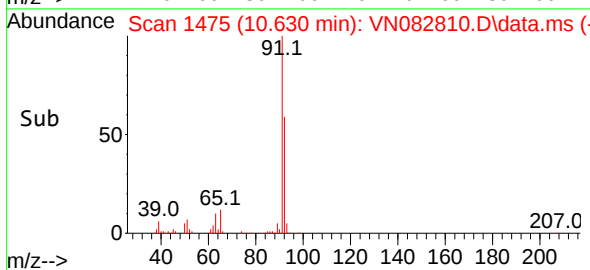
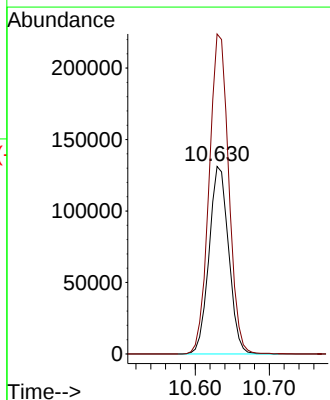
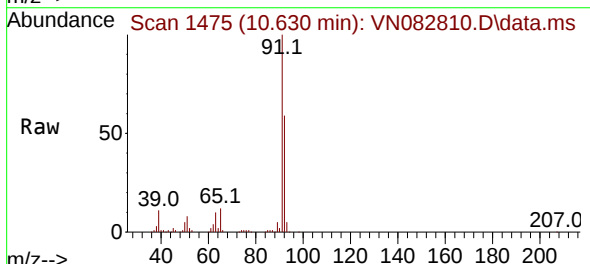
Manual Integrations
APPROVED

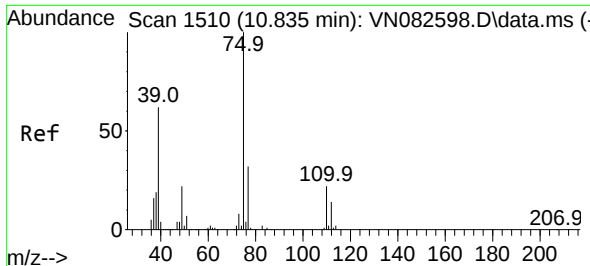
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#52
Toluene
Concen: 53.853 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.005 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

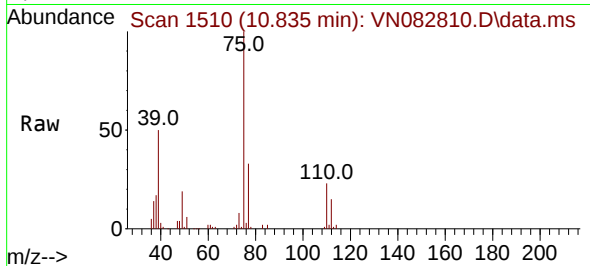
Tgt Ion: 92 Resp: 240411
Ion Ratio Lower Upper
92 100
91 171.1 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 57.068 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

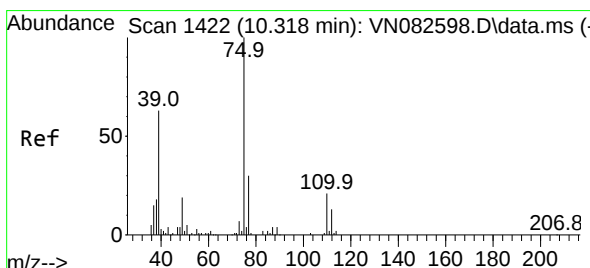
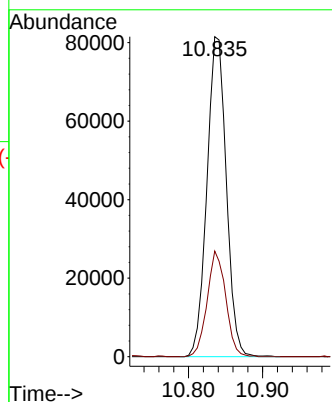
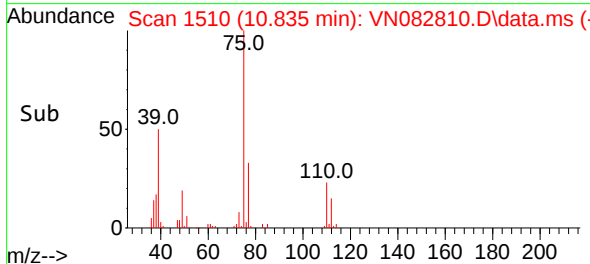
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



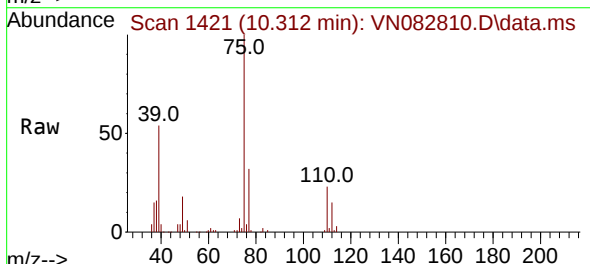
Tgt Ion: 75 Resp: 14802
Ion Ratio Lower Upper
75 100
77 33.0 25.7 38.5

Manual Integrations
APPROVED

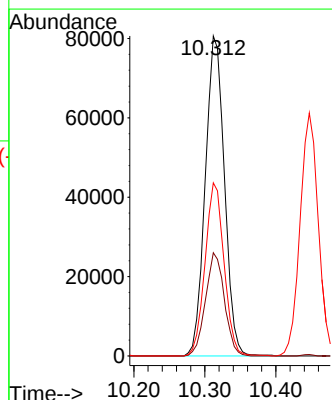
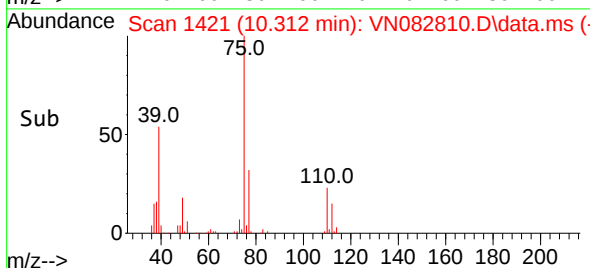
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024

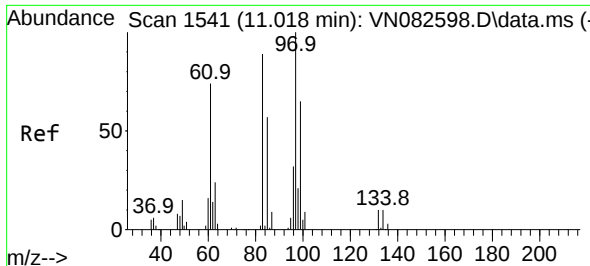


#54
cis-1,3-Dichloropropene
Concen: 55.575 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05



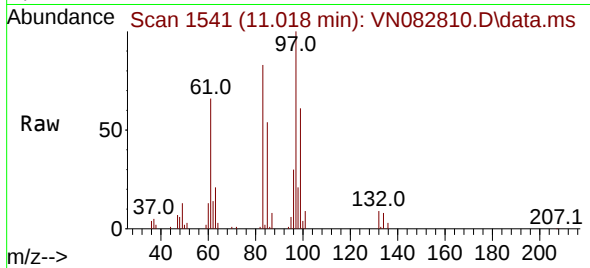
Tgt Ion: 75 Resp: 151552
Ion Ratio Lower Upper
75 100
77 32.3 24.3 36.5
39 54.1 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 53.252 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

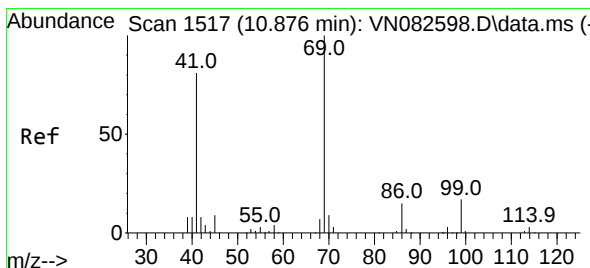
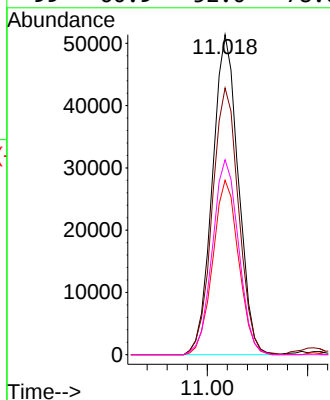
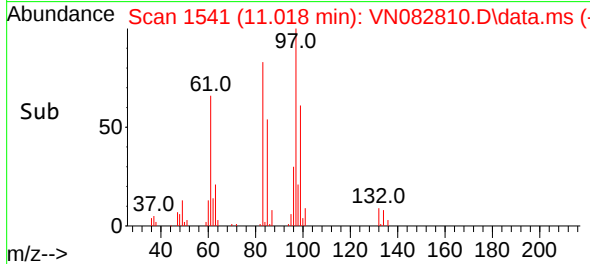
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97	Resp: 9218
Ion Ratio	Lower Upper
97 100	
83 83.4	71.4 107.0
85 54.5	45.8 68.6
99 60.9	52.0 78.0

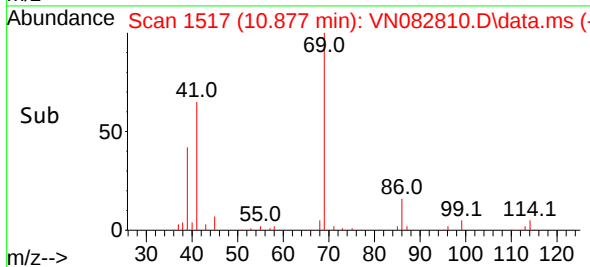
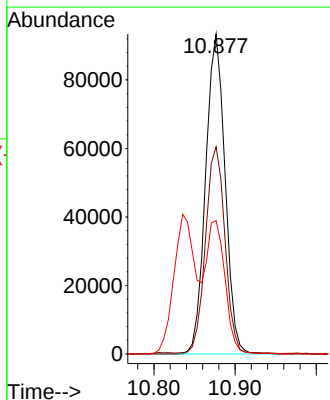
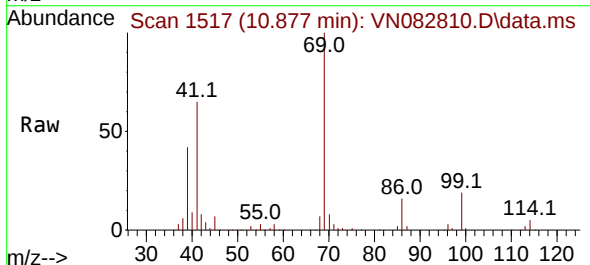
Manual Integrations
APPROVED

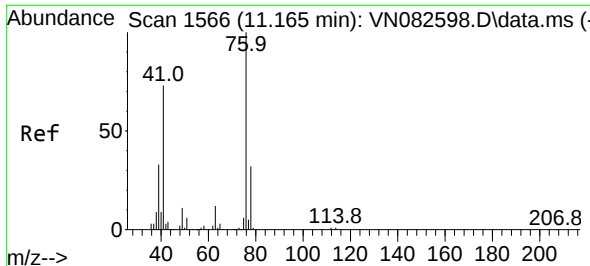
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#56
Ethyl methacrylate
Concen: 59.587 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

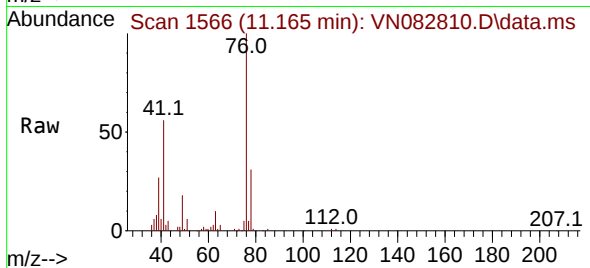
Tgt Ion: 69	Resp: 155135
Ion Ratio	Lower Upper
69 100	
41 65.2	63.4 95.2
39 39.3	37.4 56.0





#57
1,3-Dichloropropane
Concen: 51.740 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

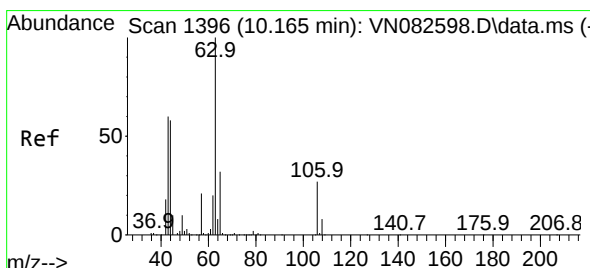
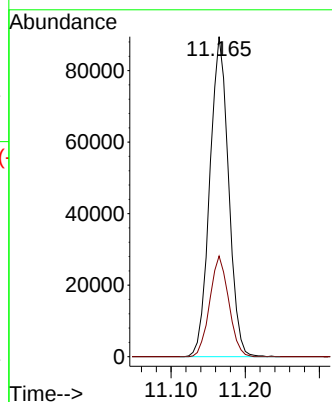
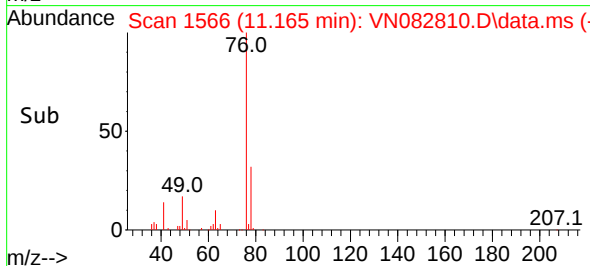
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



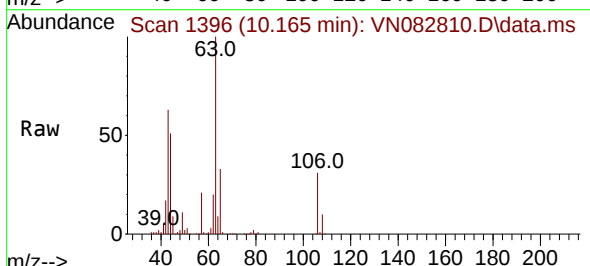
Tgt Ion: 76 Resp: 15742
Ion Ratio Lower Upper
76 100
78 31.7 25.6 38.4

Manual Integrations
APPROVED

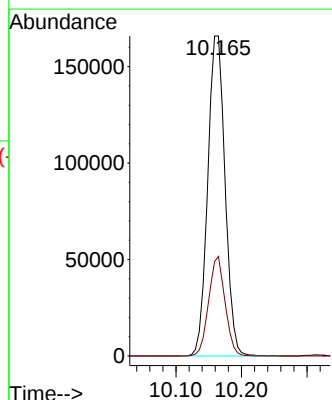
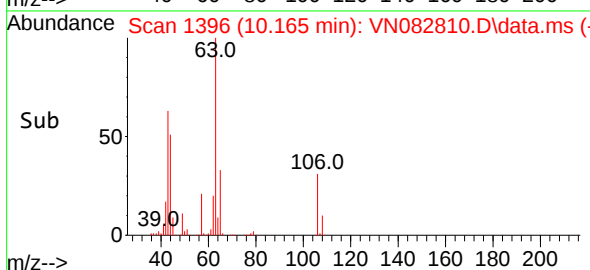
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024

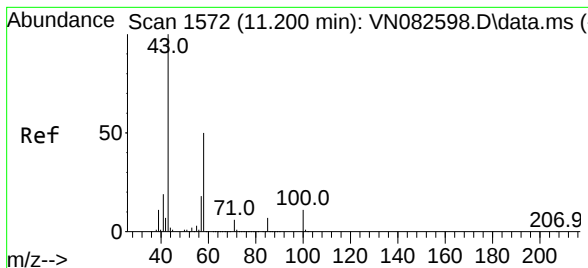


#58
2-Chloroethyl Vinyl ether
Concen: 232.429 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05



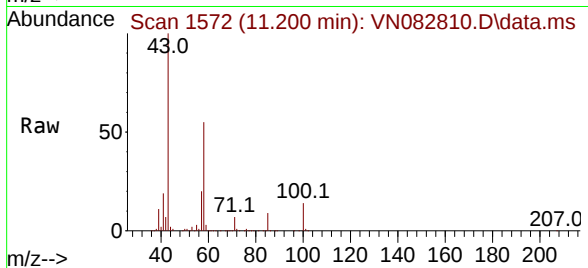
Tgt Ion: 63 Resp: 304862
Ion Ratio Lower Upper
63 100
106 29.4 21.4 32.0





#59
2-Hexanone
Concen: 259.778 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

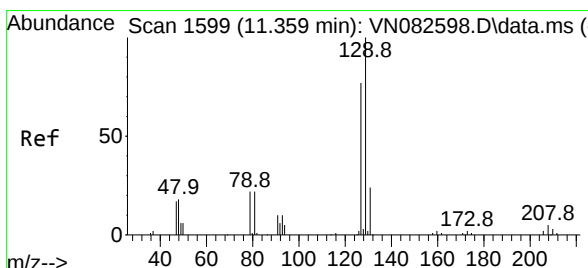
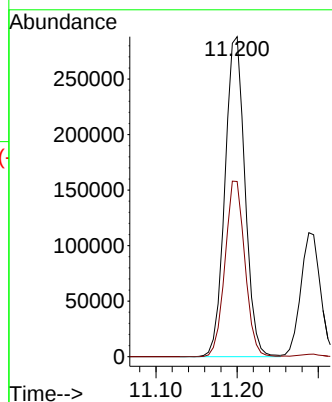
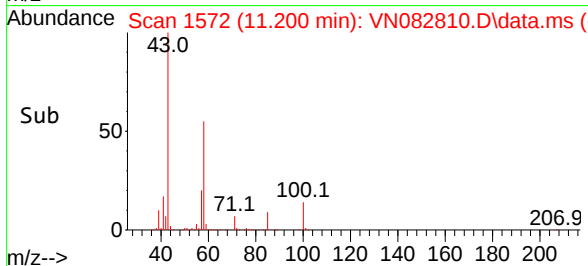
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



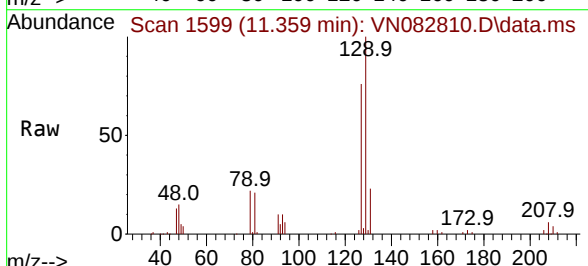
Tgt Ion: 43 Resp: 493470
Ion Ratio Lower Upper
43 100
58 54.5 24.6 73.8

Manual Integrations
APPROVED

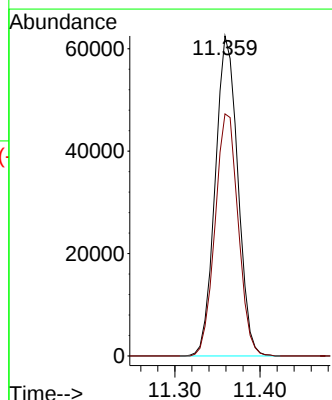
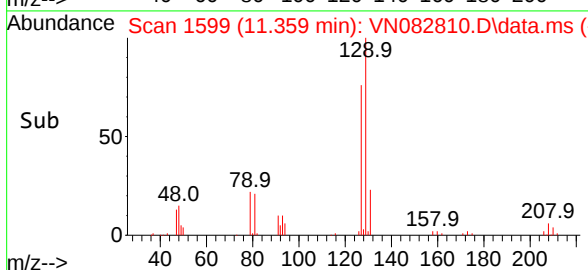
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024

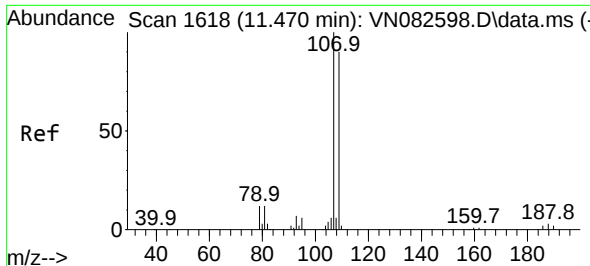


#60
Dibromochloromethane
Concen: 54.893 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05



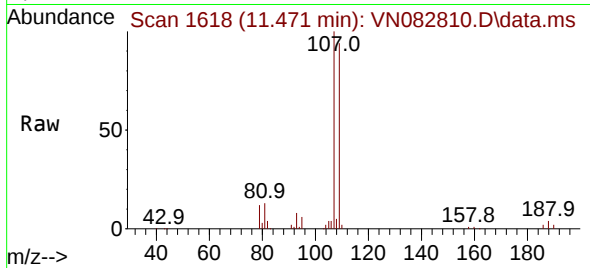
Tgt Ion:129 Resp: 115242
Ion Ratio Lower Upper
129 100
127 77.5 39.2 117.6





#61
1,2-Dibromoethane
Concen: 52.423 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

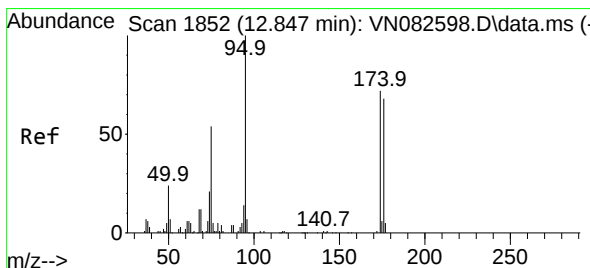
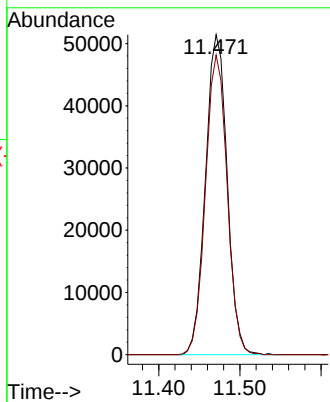
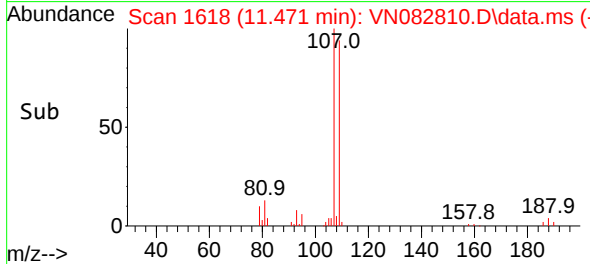
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



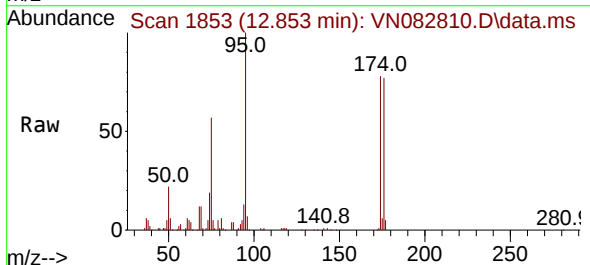
Tgt Ion:107 Resp: 9534
Ion Ratio Lower Upper
107 100
109 93.7 73.7 110.5

Manual Integrations
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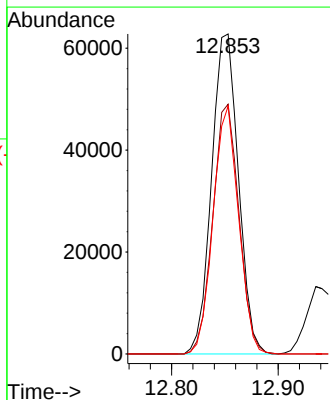
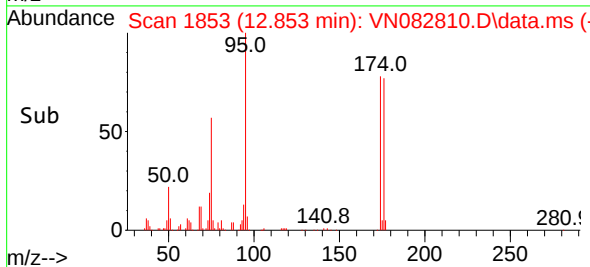
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024

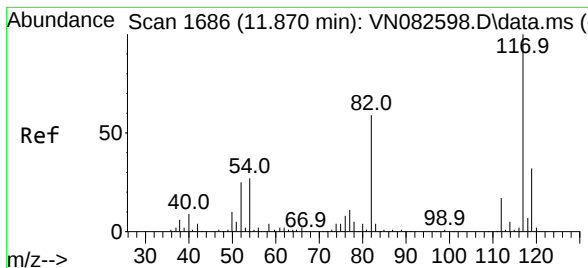


#62
4-Bromofluorobenzene
Concen: 52.982 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05



Tgt Ion: 95 Resp: 109711
Ion Ratio Lower Upper
95 100
174 76.3 0.0 159.2
176 73.7 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082810.D

Acq: 03 Jul 2024 18:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 223050

Ion Ratio Lower Upper

117 100

82 57.0 47.5 71.3

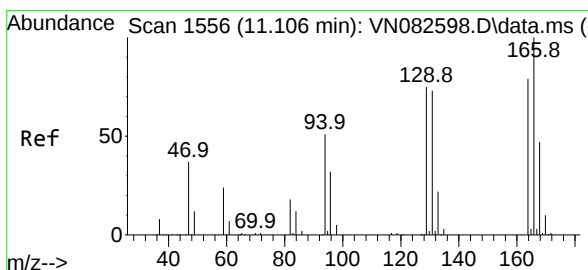
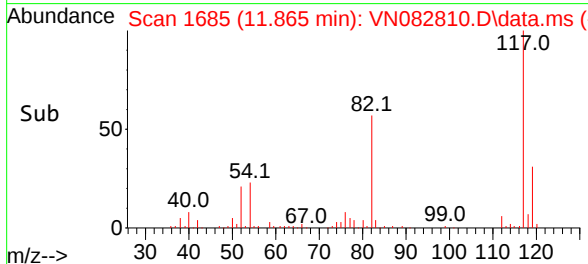
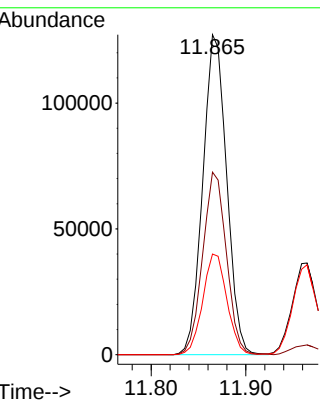
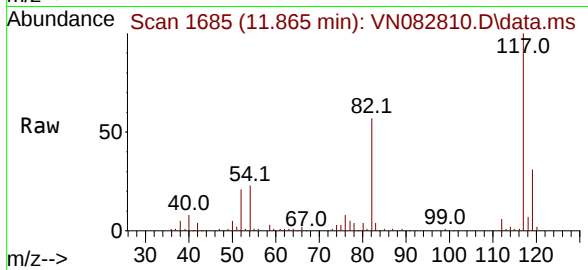
119 31.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/05/2024

Supervised By :Mahesh Dadoda 07/05/2024



#64

Tetrachloroethene

Concen: 46.964 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082810.D

Acq: 03 Jul 2024 18:05

Tgt Ion:164 Resp: 78472

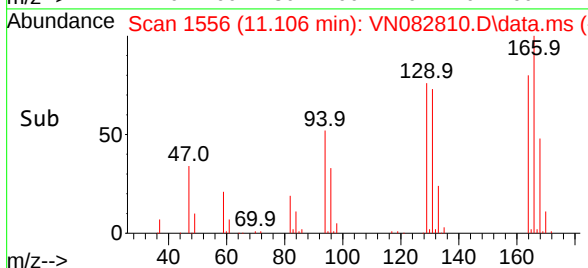
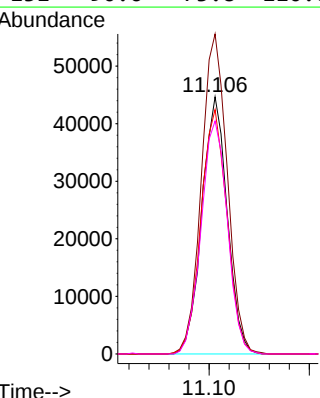
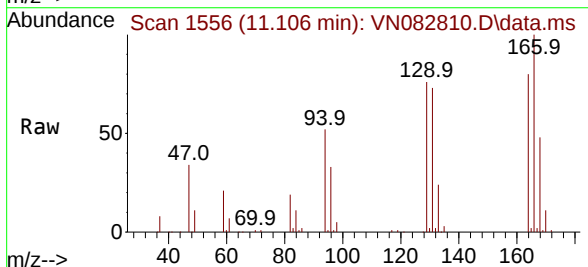
Ion Ratio Lower Upper

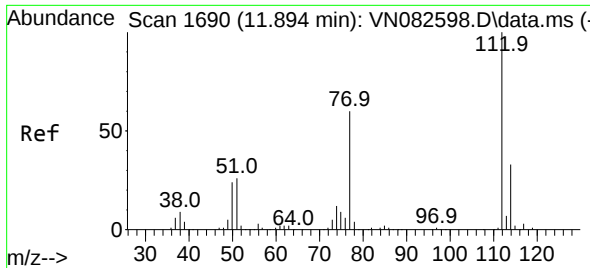
164 100

166 124.4 101.4 152.0

129 95.0 75.7 113.5

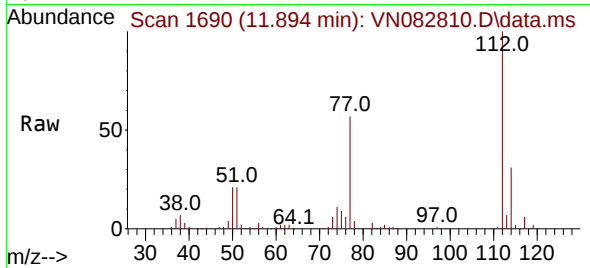
131 90.6 73.8 110.6





#65
Chlorobenzene
Concen: 53.946 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

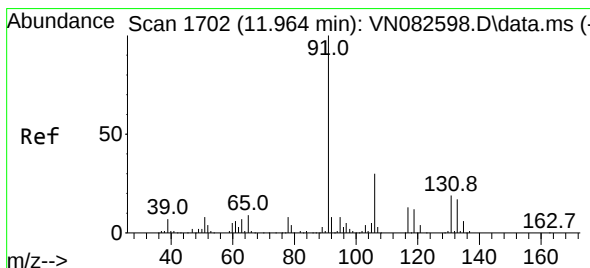
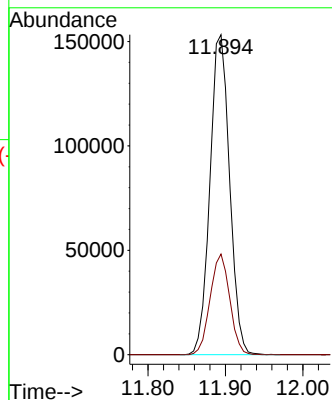
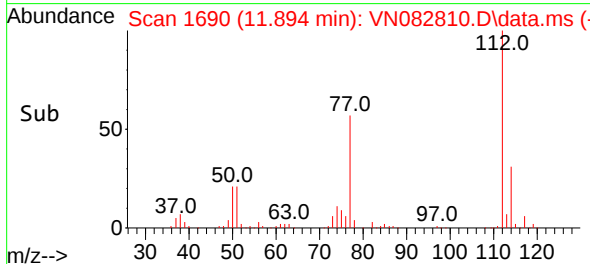
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 269919
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2

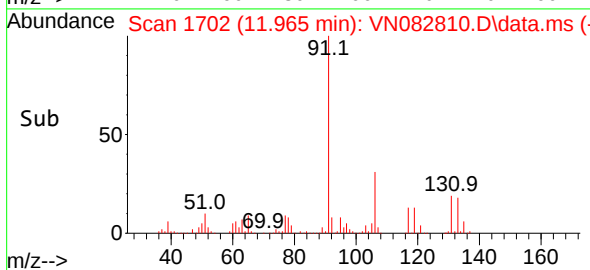
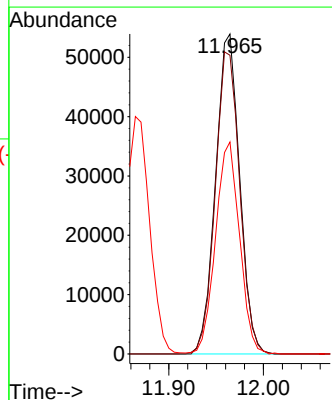
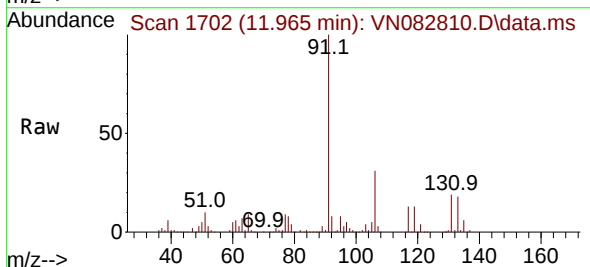
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 54.877 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

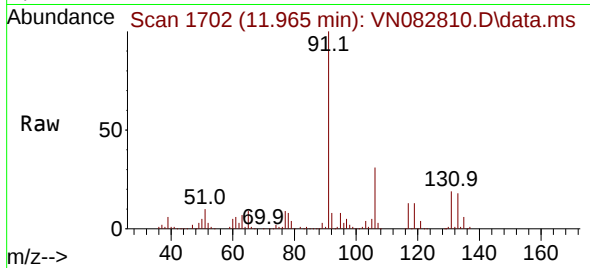
Tgt Ion:131 Resp: 95420
Ion Ratio Lower Upper
131 100
133 95.8 47.3 142.0
119 66.1 32.5 97.4





#67
Ethyl Benzene
Concen: 56.377 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

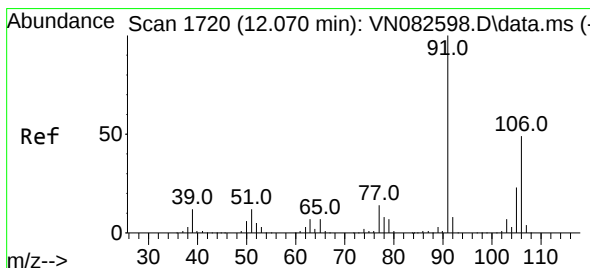
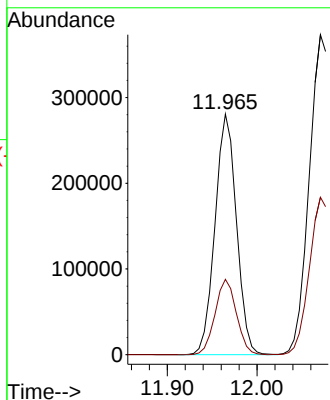
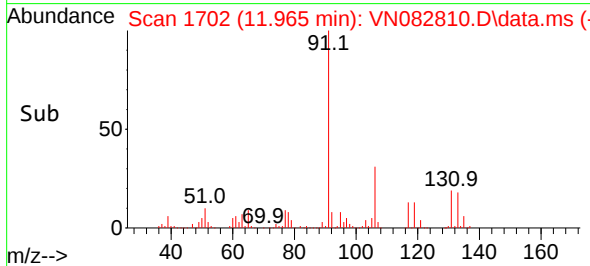
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 465529
Ion Ratio Lower Upper
91 100
106 31.3 24.0 36.0

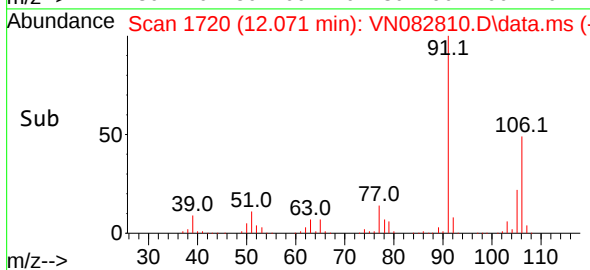
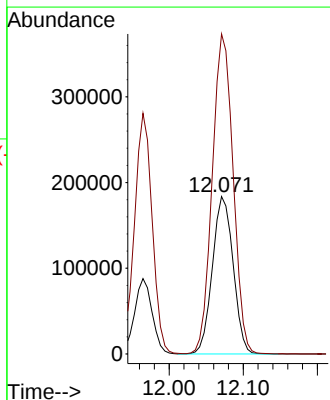
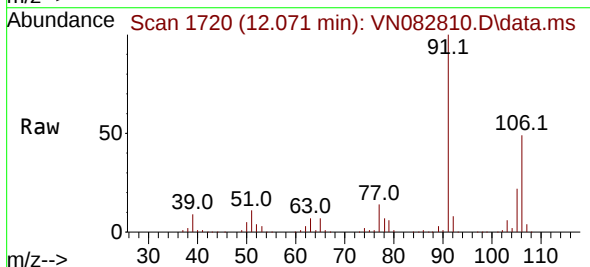
Manual Integrations
APPROVED

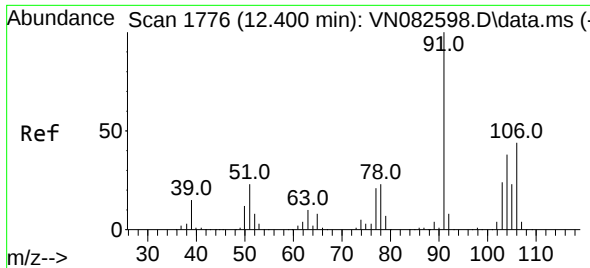
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#68
m/p-Xylenes
Concen: 116.219 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

Tgt Ion:106 Resp: 357076
Ion Ratio Lower Upper
106 100
91 204.5 166.1 249.1





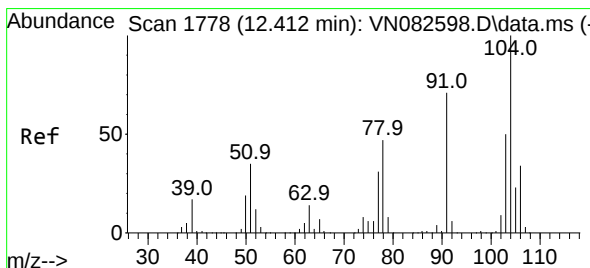
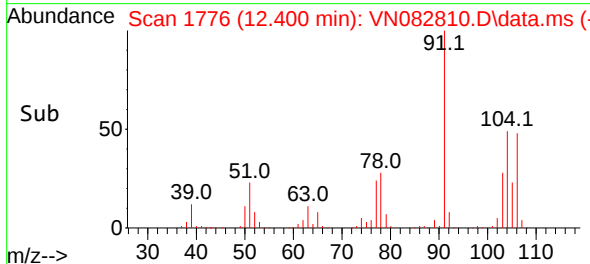
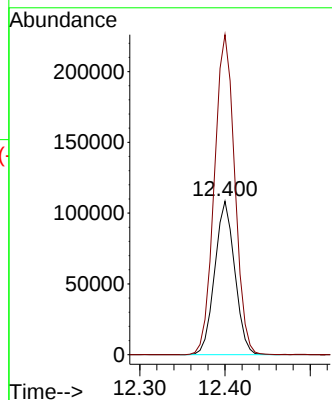
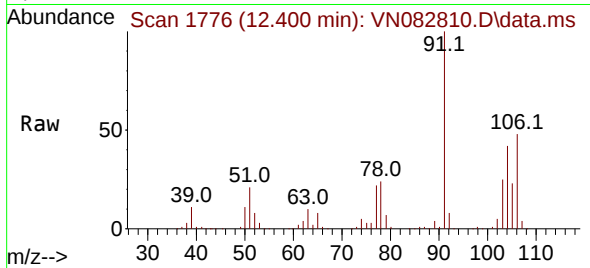
#69
o-Xylene
Concen: 59.680 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 17671
Ion Ratio Lower Upper
106 100
91 213.1 111.3 333.9

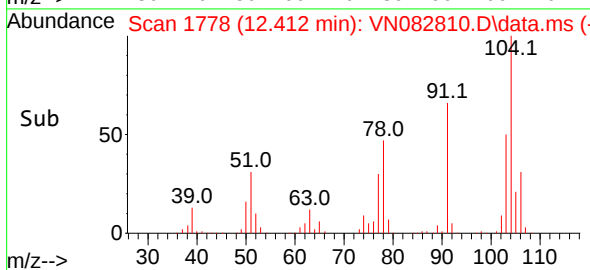
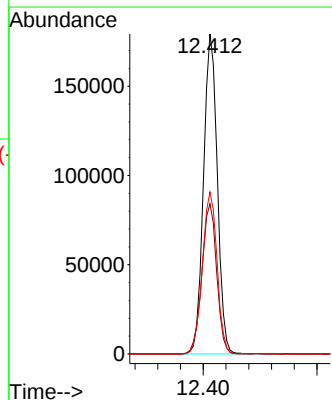
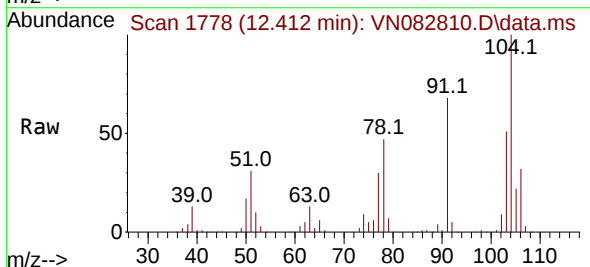
Manual Integrations
APPROVED

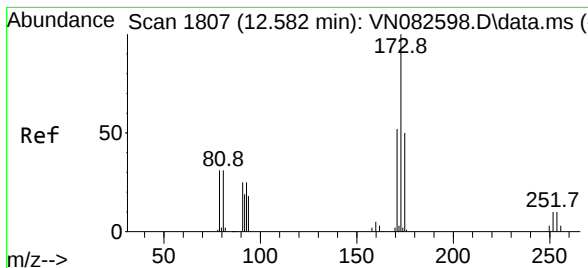
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#70
Styrene
Concen: 60.056 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

Tgt Ion:104 Resp: 301896
Ion Ratio Lower Upper
104 100
78 50.0 41.6 62.4
103 53.9 44.0 66.0





#71

Bromoform

Concen: 59.321 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082810.D

Acq: 03 Jul 2024 18:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 80668

Ion Ratio Lower Upper

173 100

175 47.8 24.0 72.0

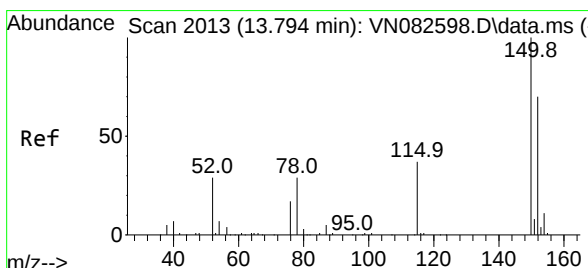
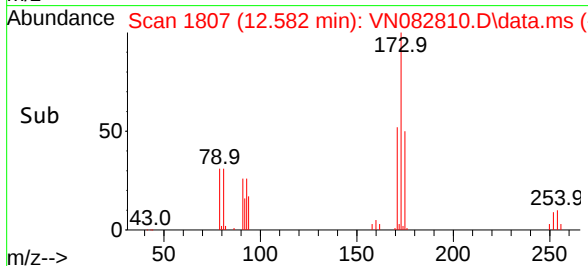
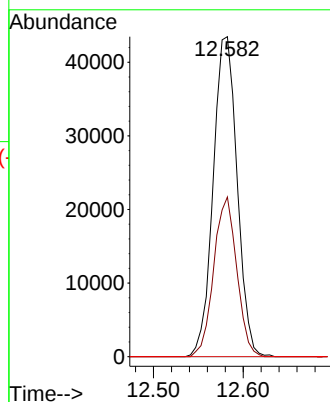
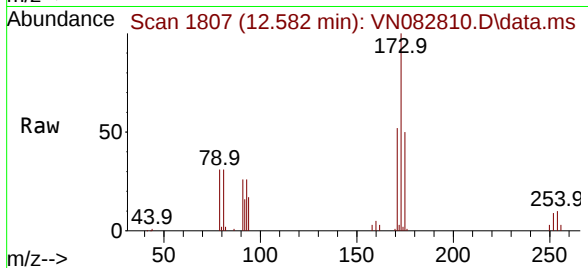
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/05/2024

Supervised By :Mahesh Dadoda 07/05/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082810.D

Acq: 03 Jul 2024 18:05

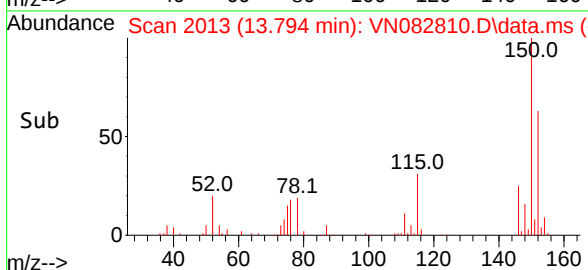
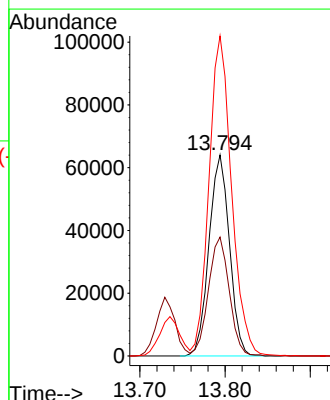
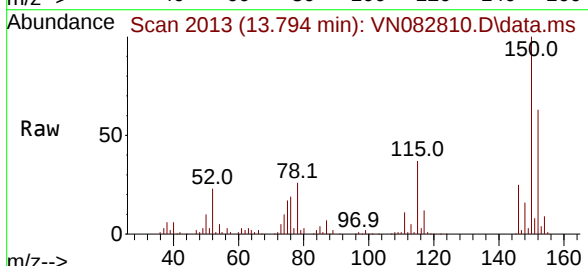
Tgt Ion:152 Resp: 106962

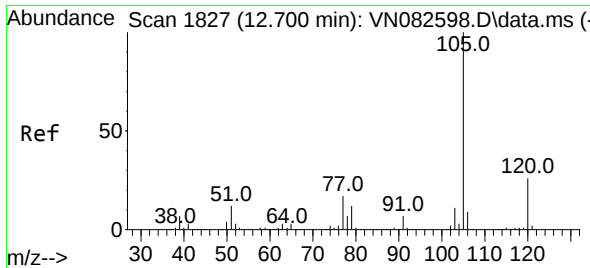
Ion Ratio Lower Upper

152 100

115 60.2 30.6 91.6

150 175.4 0.0 348.6





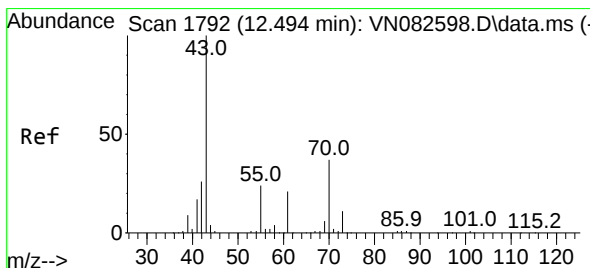
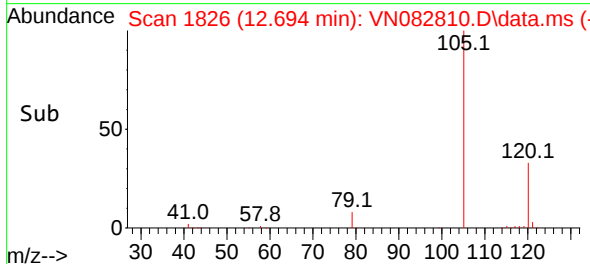
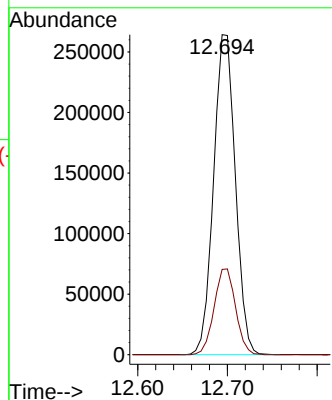
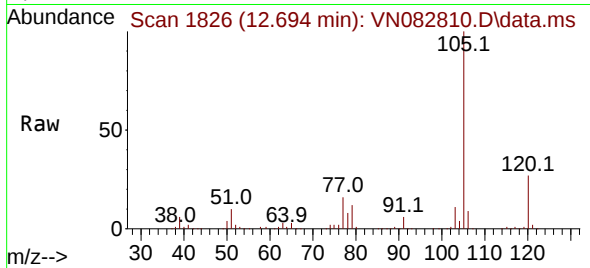
#73
Isopropylbenzene
Concen: 57.079 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 445269
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6

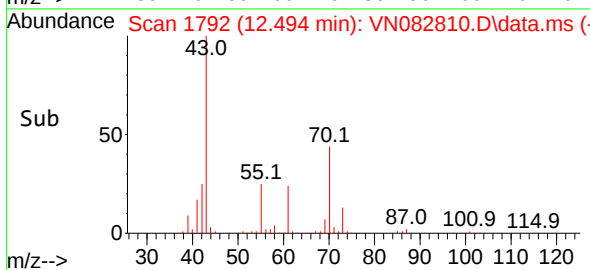
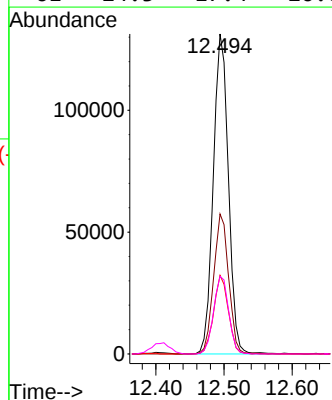
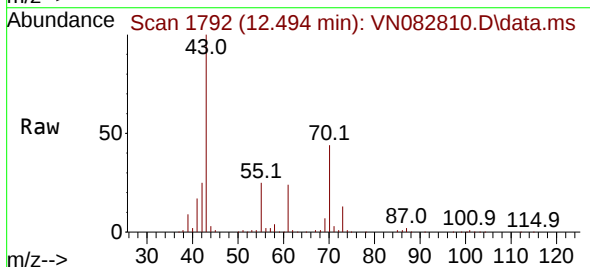
Manual Integrations
APPROVED

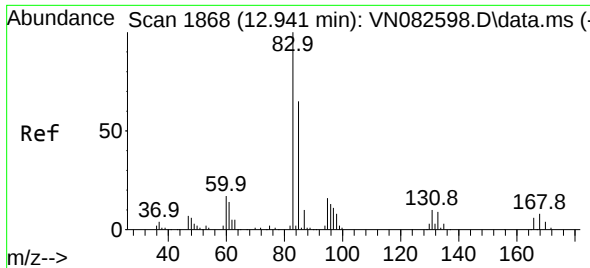
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#74
N-ethyl acetate
Concen: 58.235 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

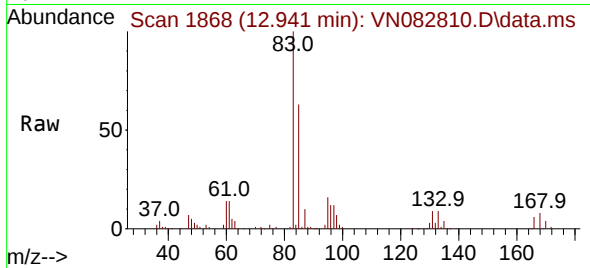
Tgt Ion: 43 Resp: 202762
Ion Ratio Lower Upper
43 100
70 43.6 29.8 44.6
55 23.9 18.7 28.1
61 24.3 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 48.716 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

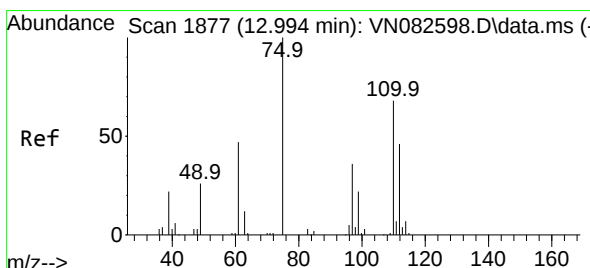
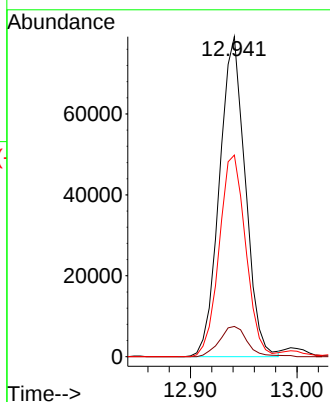
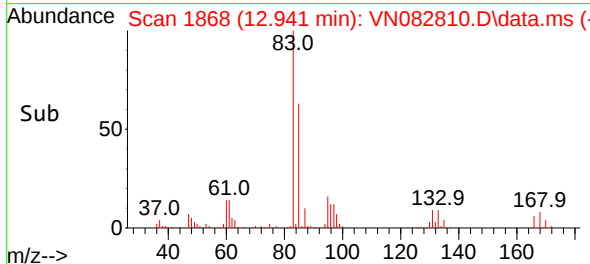
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 133334
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 64.8 31.9 95.7

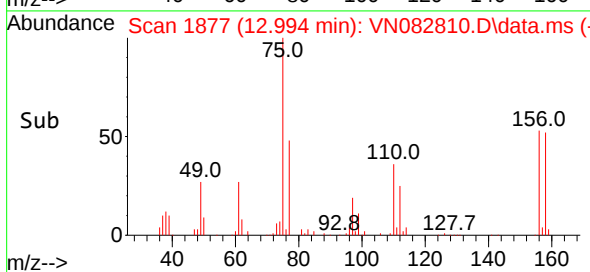
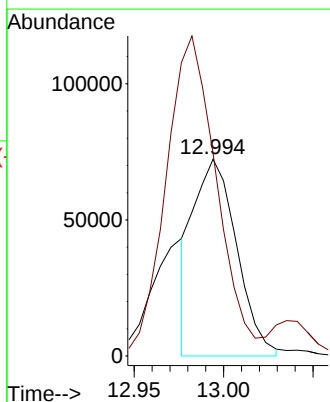
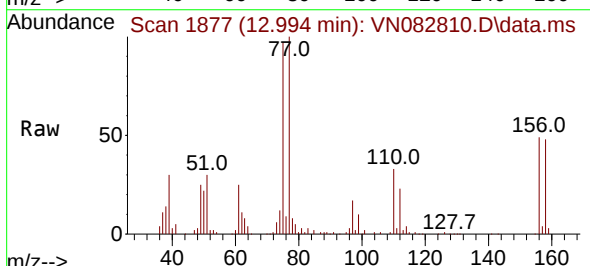
Manual Integrations
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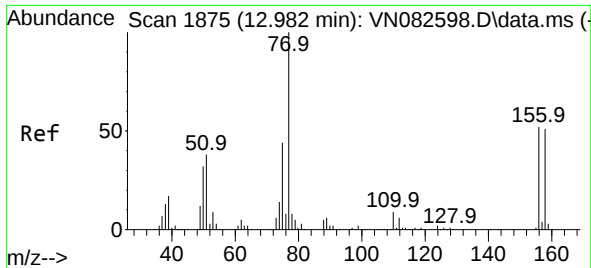
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#76
1,2,3-Trichloropropane
Concen: 51.917 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

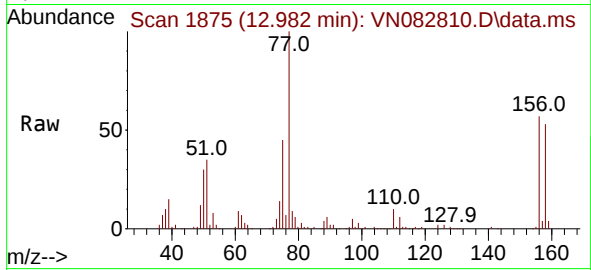
Tgt Ion: 75 Resp: 121127
Ion Ratio Lower Upper
75 100
77 190.4 110.9 332.6





#77
Bromobenzene
Concen: 57.566 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

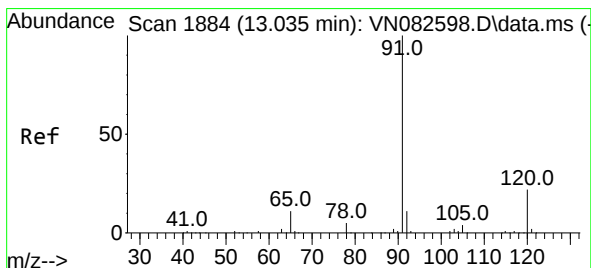
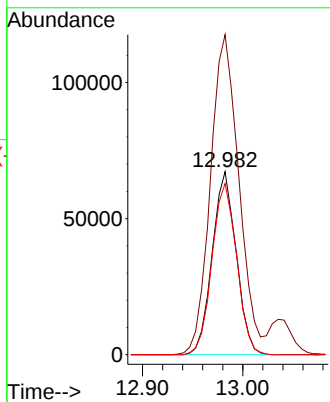
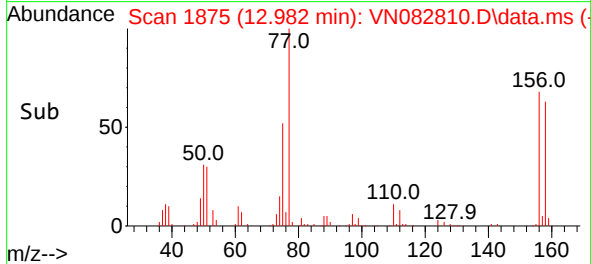
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



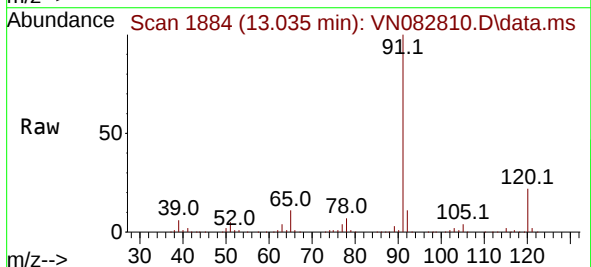
Tgt Ion:156 Resp: 111598
Ion Ratio Lower Upper
156 100
77 206.7 111.3 333.8
158 95.8 48.3 144.9

Manual Integrations
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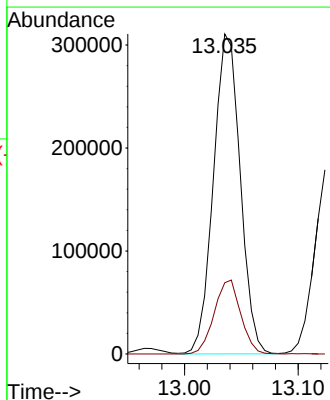
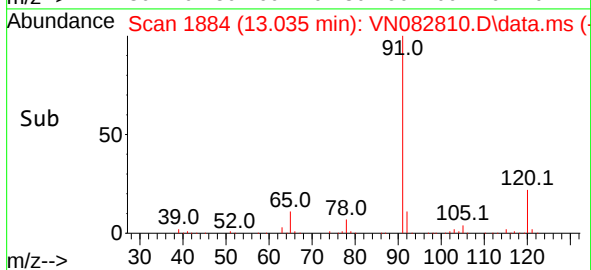
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024

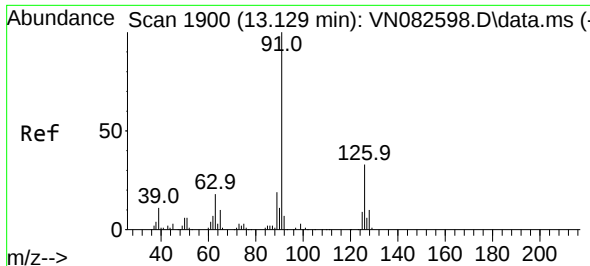


#78
n-propylbenzene
Concen: 55.355 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05



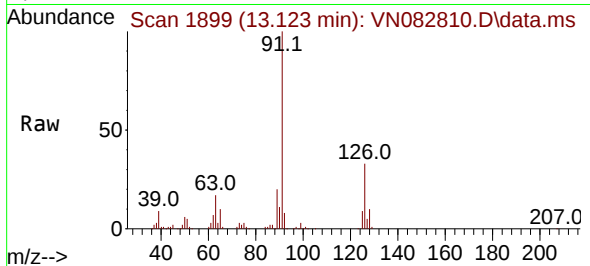
Tgt Ion: 91 Resp: 509877
Ion Ratio Lower Upper
91 100
120 22.8 10.9 32.9





#79
2-Chlorotoluene
Concen: 54.747 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

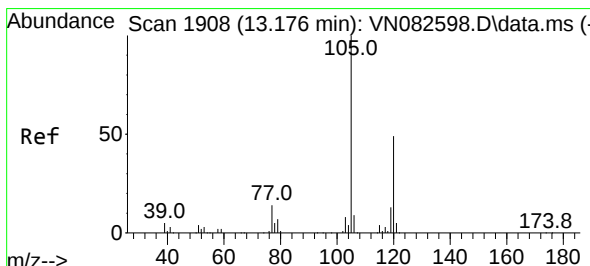
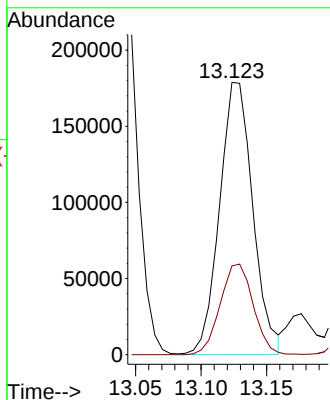
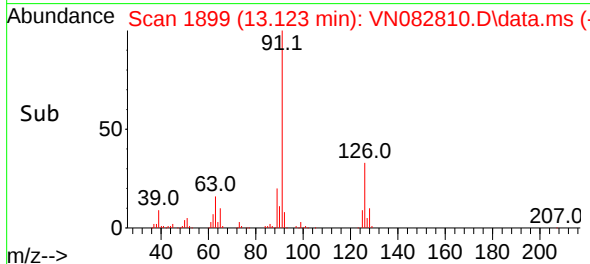
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 316040
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6

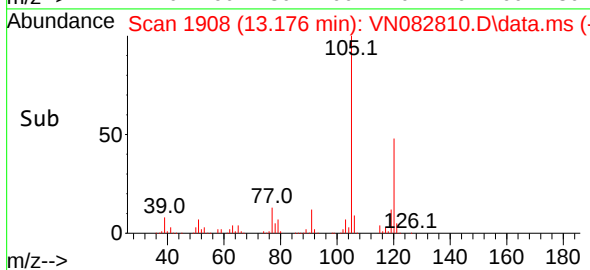
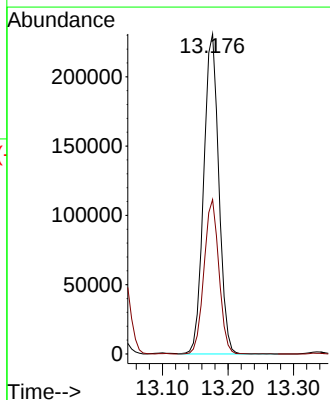
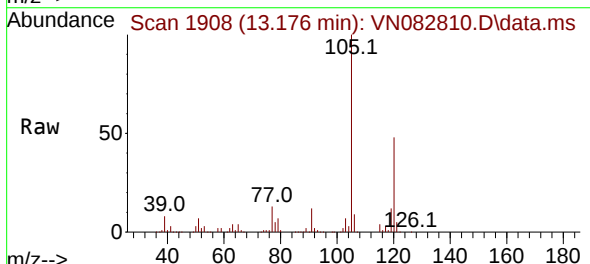
Manual Integrations
APPROVED

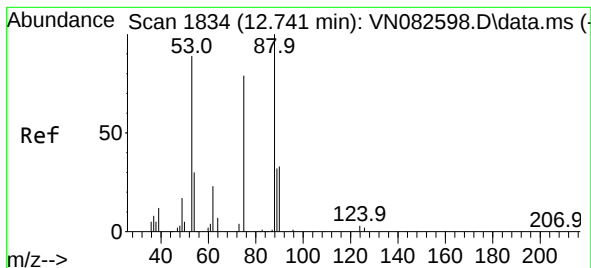
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#80
1,3,5-Trimethylbenzene
Concen: 57.803 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

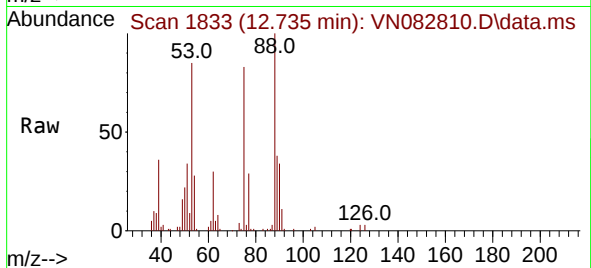
Tgt Ion:105 Resp: 370411
Ion Ratio Lower Upper
105 100
120 47.6 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 55.847 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

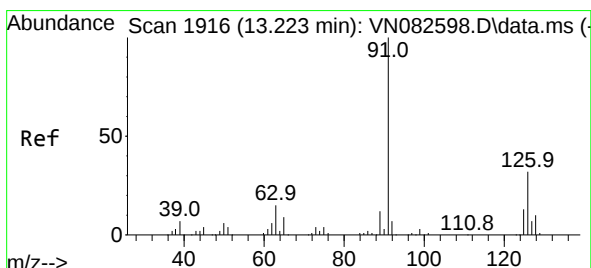
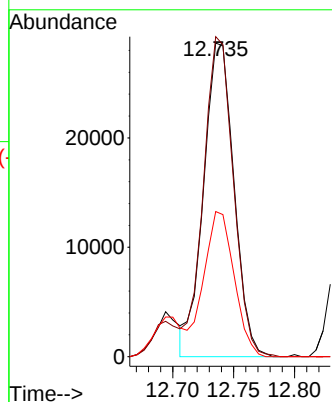
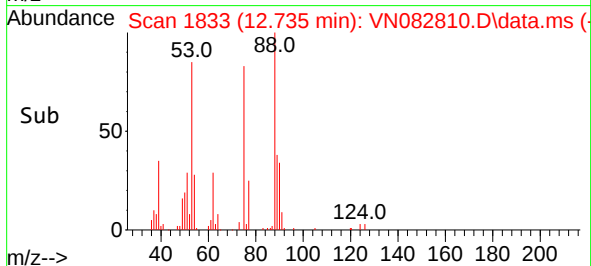
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 49962
Ion Ratio Lower Upper
75 100
53 100.3 88.4 132.6
89 45.8 36.3 54.5

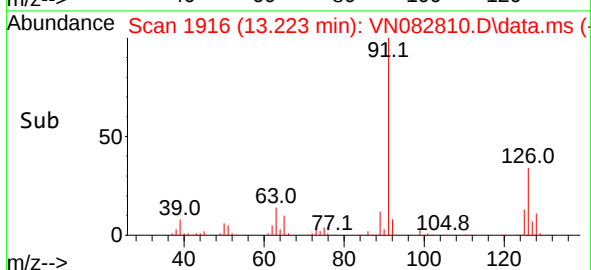
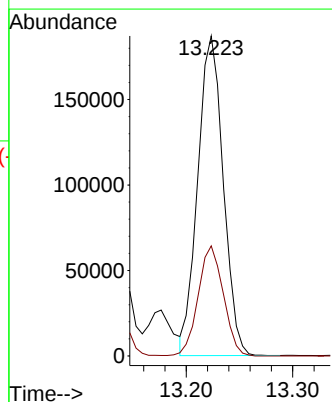
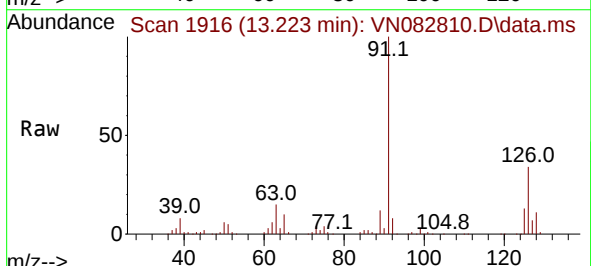
Manual Integrations
APPROVED

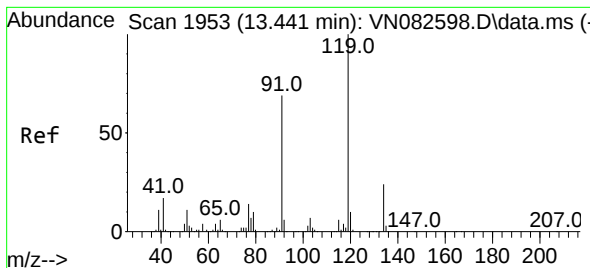
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#82
4-Chlorotoluene
Concen: 54.566 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

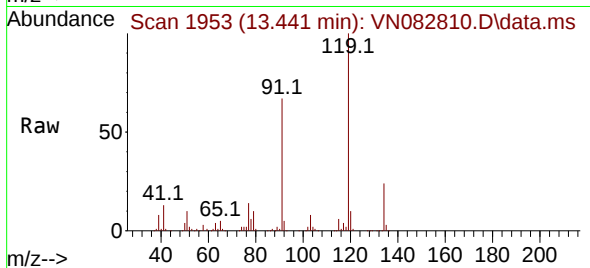
Tgt Ion: 91 Resp: 310829
Ion Ratio Lower Upper
91 100
126 34.1 16.2 48.6





#83
tert-Butylbenzene
Concen: 59.579 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

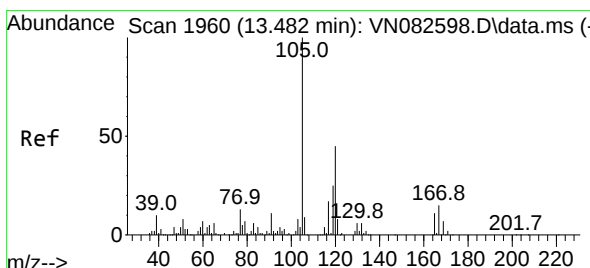
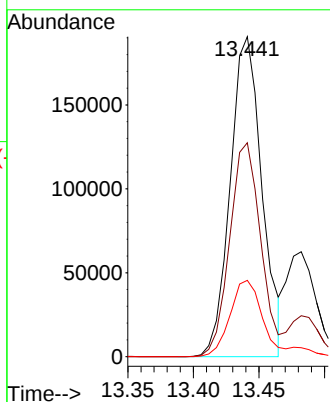
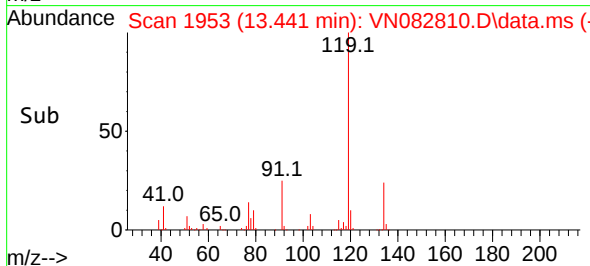
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 321297
Ion Ratio Lower Upper
119 100
91 65.1 35.0 105.1
134 24.2 13.3 39.8

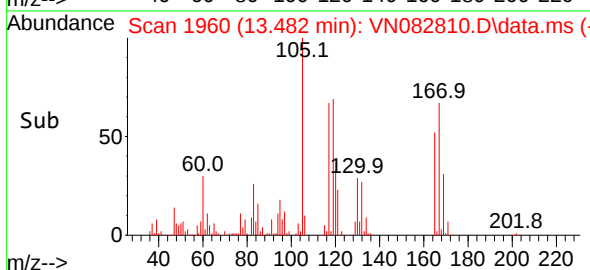
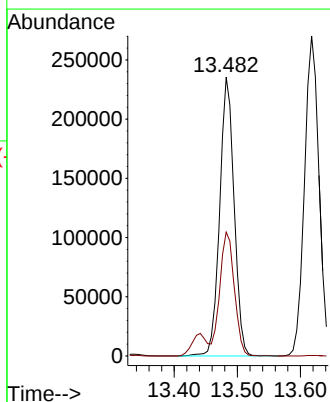
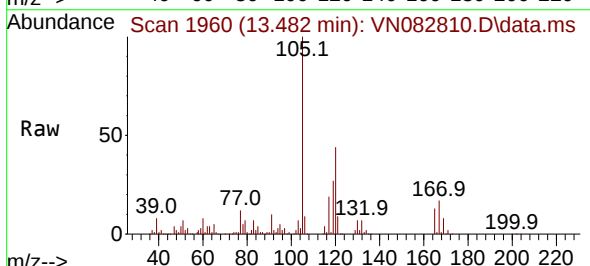
Manual Integrations
APPROVED

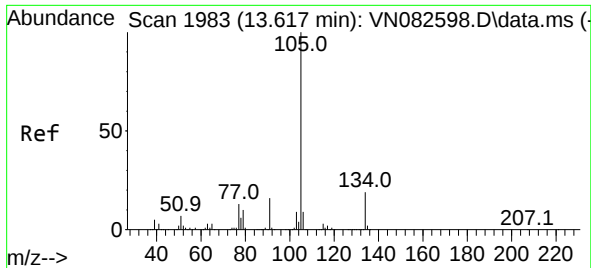
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#84
1,2,4-Trimethylbenzene
Concen: 59.065 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

Tgt Ion:105 Resp: 374106
Ion Ratio Lower Upper
105 100
120 44.4 21.9 65.8





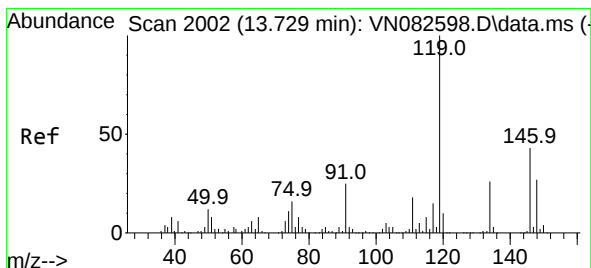
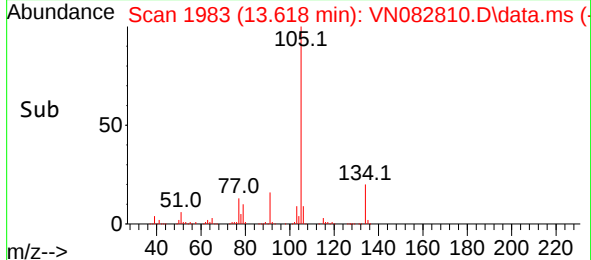
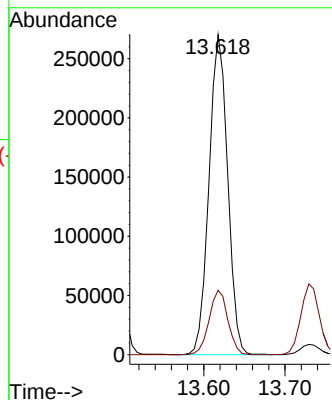
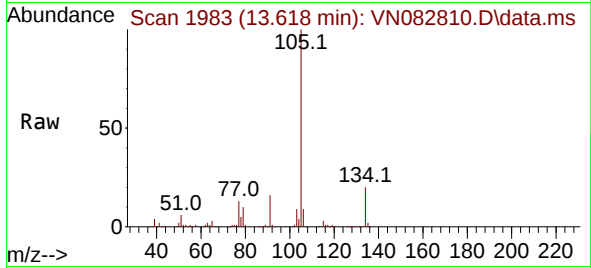
#85
sec-Butylbenzene
Concen: 57.000 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.001 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 43070
Ion Ratio Lower Upper
105 100
134 20.2 9.8 29.3

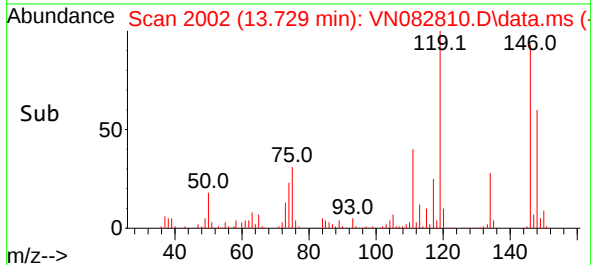
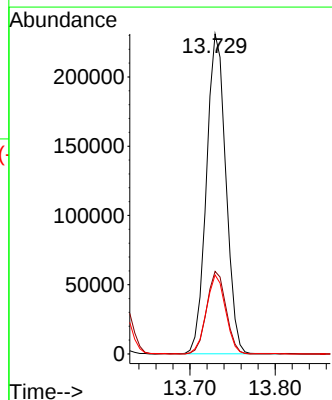
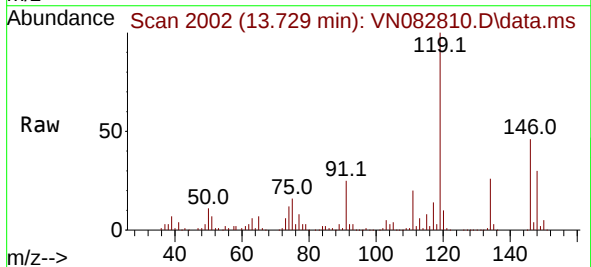
Manual Integrations
APPROVED

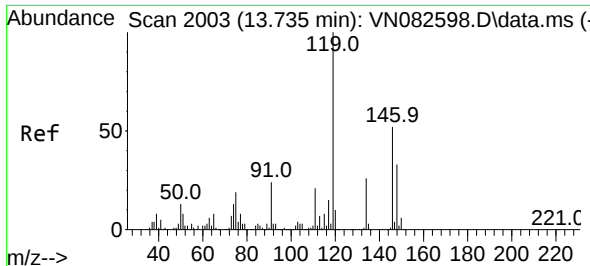
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#86
p-Isopropyltoluene
Concen: 60.260 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

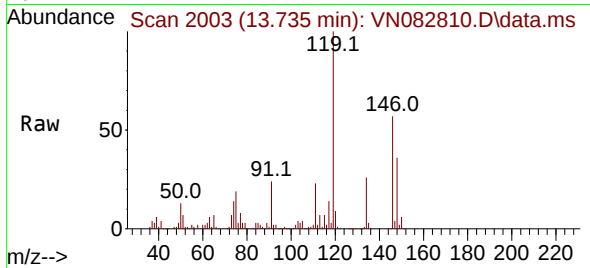
Tgt Ion:119 Resp: 364823
Ion Ratio Lower Upper
119 100
134 25.8 13.0 39.0
91 24.5 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 53.349 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

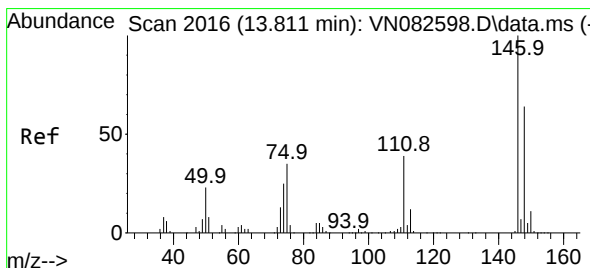
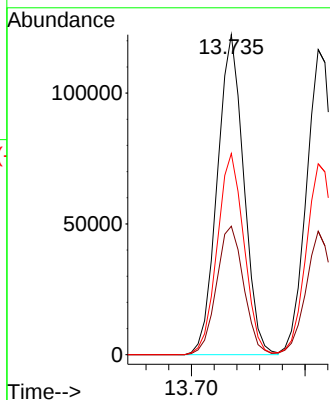
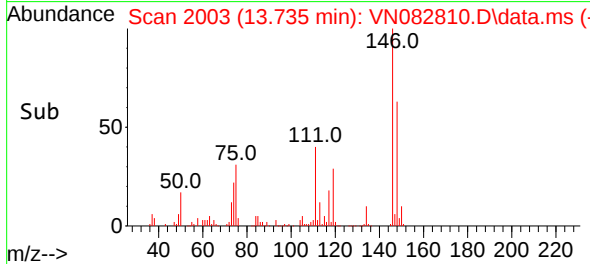
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



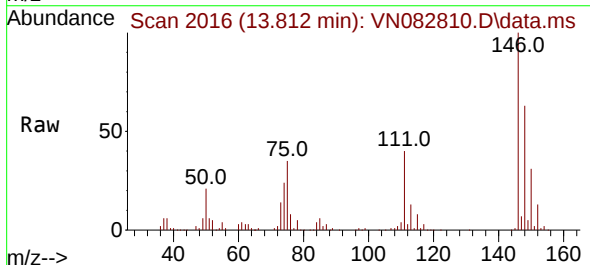
Tgt Ion:146 Resp: 198040
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.9
148 63.4 31.8 95.3

Manual Integrations
APPROVED

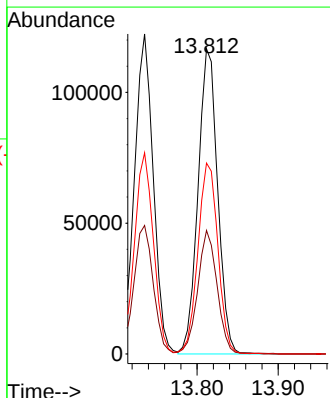
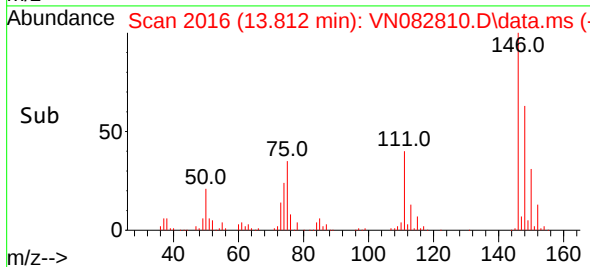
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024

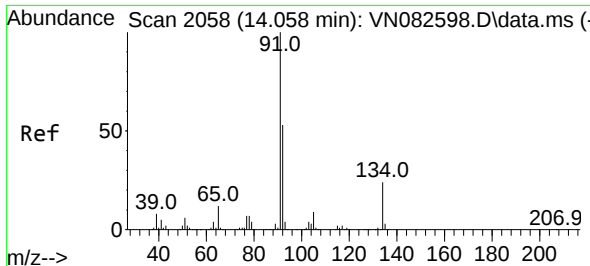


#88
1,4-Dichlorobenzene
Concen: 50.705 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.001 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05



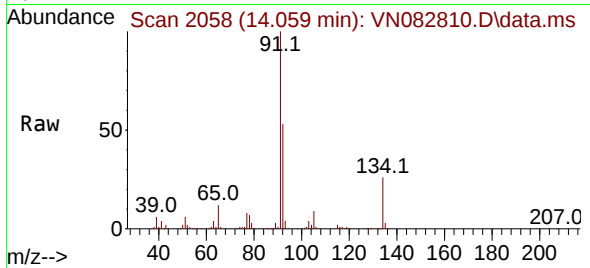
Tgt Ion:146 Resp: 195910
Ion Ratio Lower Upper
146 100
111 39.6 20.1 60.3
148 63.8 32.2 96.6





#89
n-Butylbenzene
Concen: 55.756 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

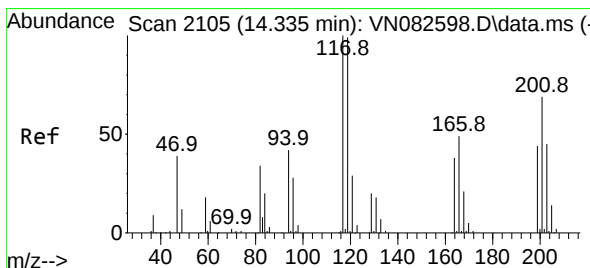
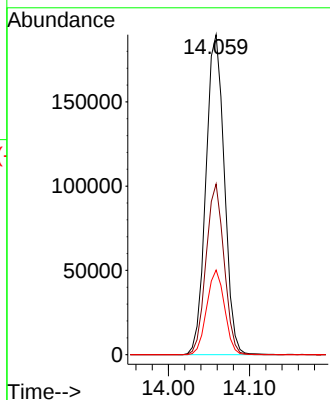
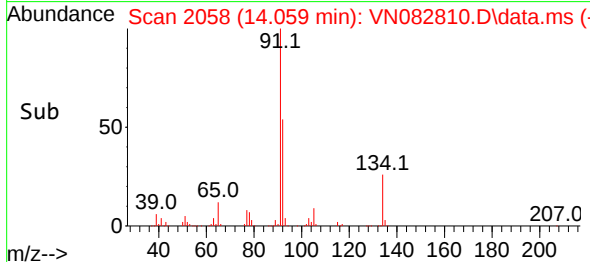
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 29890
Ion Ratio Lower Upper
91 100
92 52.3 26.1 78.3
134 25.6 12.1 36.3

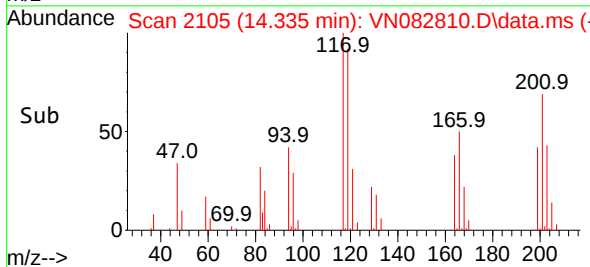
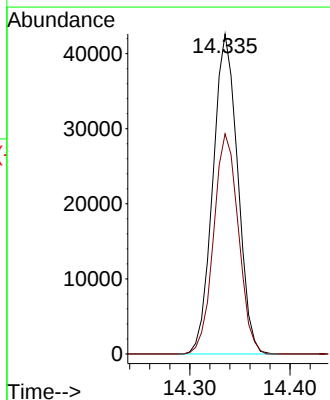
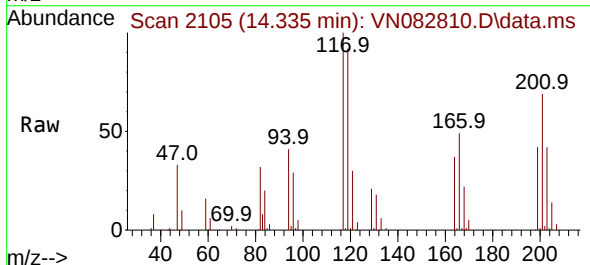
Manual Integrations
APPROVED

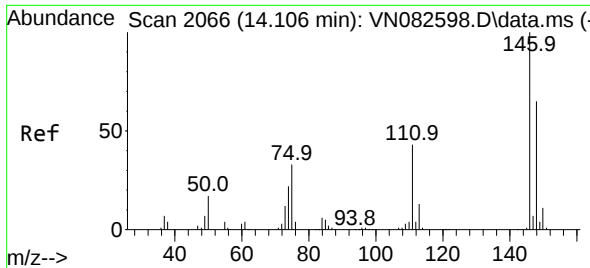
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024



#90
Hexachloroethane
Concen: 54.341 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

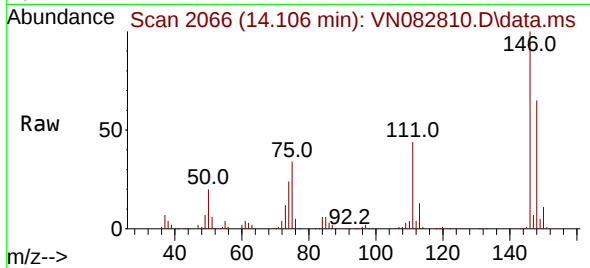
Tgt Ion:117 Resp: 73049
Ion Ratio Lower Upper
117 100
201 68.9 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 53.874 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

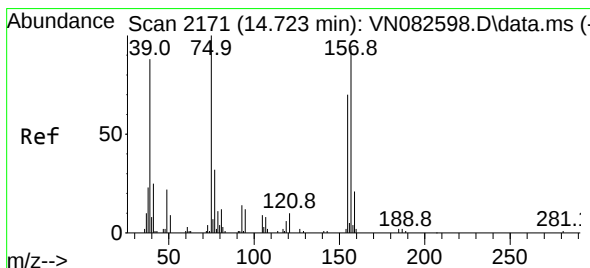
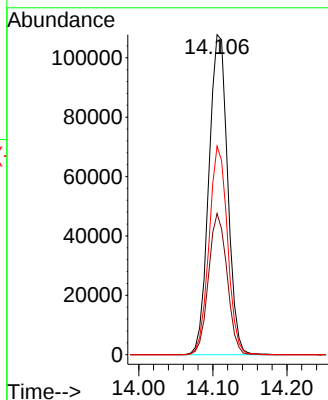
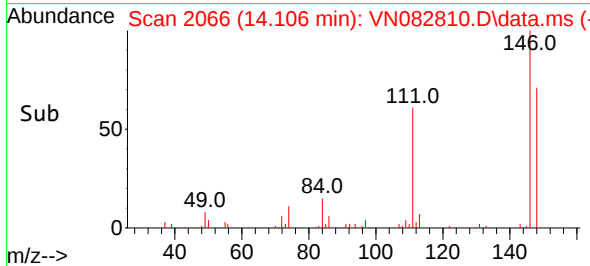
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



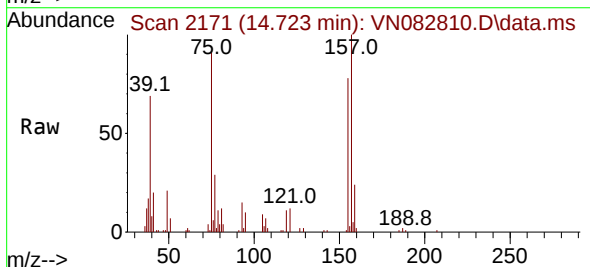
Tgt Ion:146 Resp: 18993
Ion Ratio Lower Upper
146 100
111 43.4 21.4 64.2
148 63.9 32.1 96.5

Manual Integrations
APPROVED

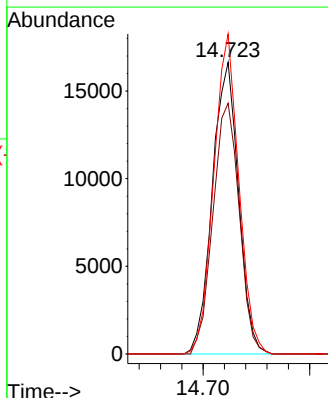
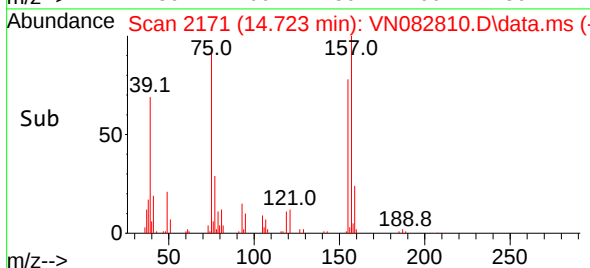
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024

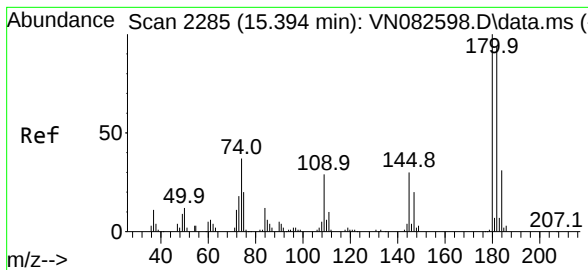


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.039 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05



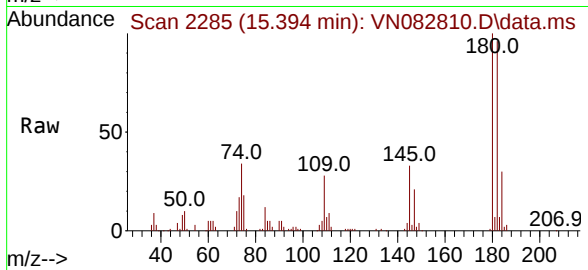
Tgt Ion: 75 Resp: 28381
Ion Ratio Lower Upper
75 100
155 86.3 36.6 109.8
157 105.3 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 59.347 ug/l
RT: 15.394 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05

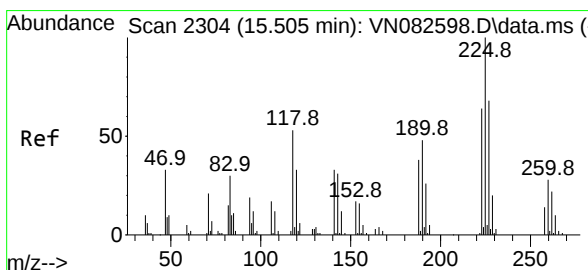
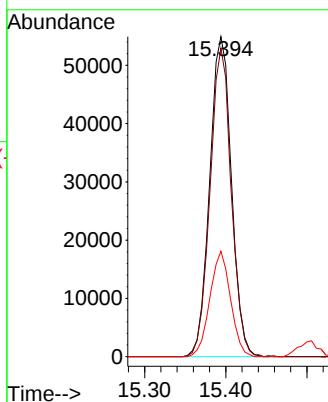
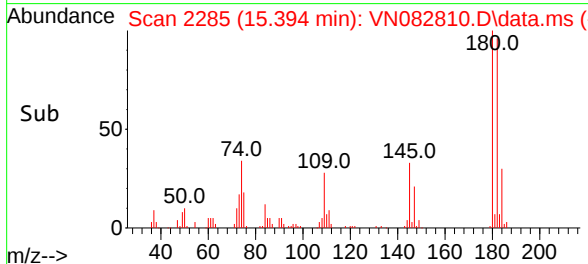
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



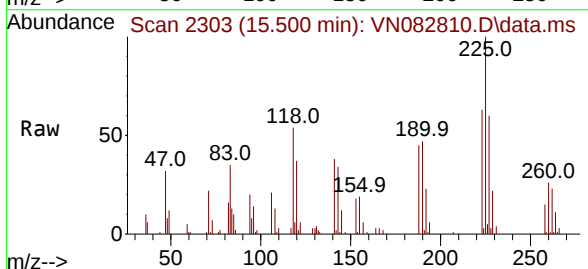
Tgt Ion:180 Resp: 10214
Ion Ratio Lower Upper
180 100
182 93.9 47.3 141.8
145 31.3 15.7 47.1

Manual Integrations
APPROVED

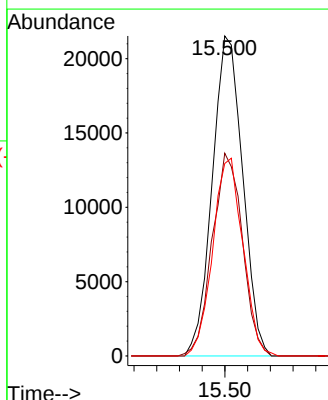
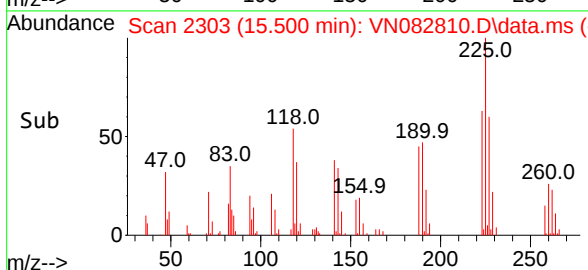
Reviewed By :John Carlone 07/05/2024
Supervised By :Mahesh Dadoda 07/05/2024

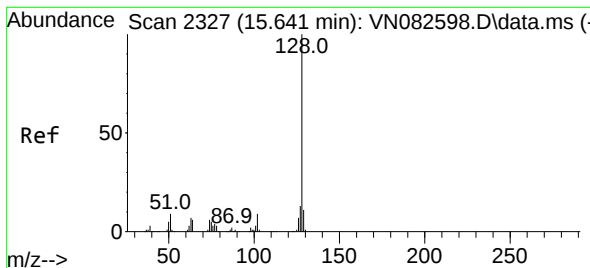


#94
Hexachlorobutadiene
Concen: 51.376 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.005 min
Lab File: VN082810.D
Acq: 03 Jul 2024 18:05



Tgt Ion:225 Resp: 39997
Ion Ratio Lower Upper
225 100
223 62.9 31.9 95.7
227 61.4 32.5 97.5





#95

Naphthalene

Concen: 63.949 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082810.D

Acq: 03 Jul 2024 18:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

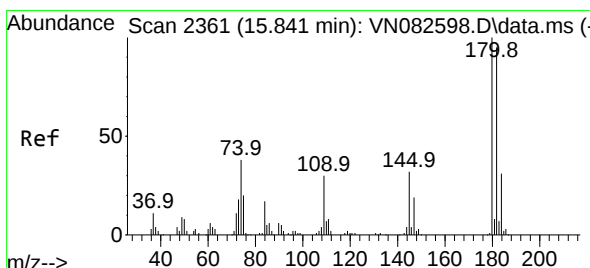
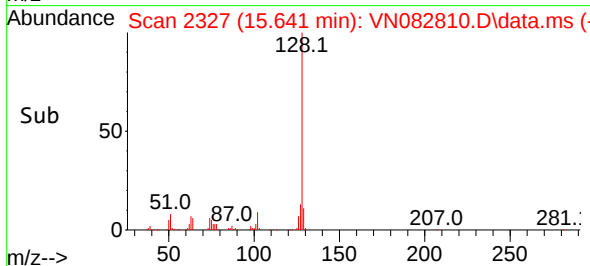
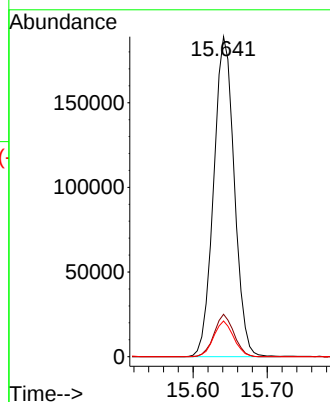
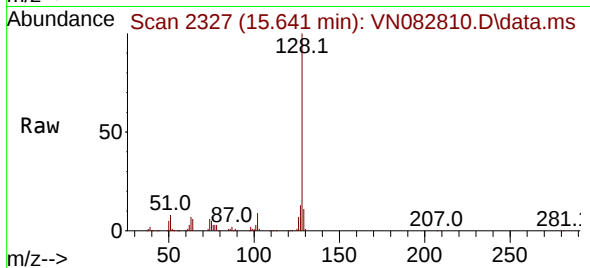
Tgt Ion:128 Resp: 365550
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.6 16.0
 129 10.8 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/05/2024

Supervised By :Mahesh Dadoda 07/05/2024



#96

1,2,3-Trichlorobenzene

Concen: 55.353 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082810.D

Acq: 03 Jul 2024 18:05

Tgt Ion:180 Resp: 101597
 Ion Ratio Lower Upper
 180 100
 182 96.5 48.9 146.8
 145 34.1 16.8 50.4

