

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081866.D
 Acq On : 25 Apr 2024 21:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2024
 Supervised By : Mahesh Dadoda 04/26/2024

Quant Time: Apr 26 05:42:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	226982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	417025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	365254	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	157555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	188823	49.290	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.580%		
35) Dibromofluoromethane	8.171	113	130786	52.088	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.180%		
50) Toluene-d8	10.565	98	524430	53.181	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.360%		
62) 4-Bromofluorobenzene	12.847	95	199709	51.231	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	102.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	149111	46.798	ug/l	99
3) Chloromethane	2.359	50	151879	45.692	ug/l	100
4) Vinyl Chloride	2.518	62	146605	48.723	ug/l	98
5) Bromomethane	2.948	94	58885	45.542	ug/l	# 79
6) Chloroethane	3.118	64	68095	44.777	ug/l	100
7) Trichlorofluoromethane	3.500	101	220545	47.383	ug/l	94
8) Diethyl Ether	3.959	74	95279	48.188	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	133725	49.485	ug/l	95
10) Methyl Iodide	4.589	142	127112	53.705	ug/l	93
11) Tert butyl alcohol	5.518	59	167892	241.081	ug/l	# 90
12) 1,1-Dichloroethene	4.342	96	138458	50.364	ug/l	89
13) Acrolein	4.177	56	137535	253.252	ug/l	100
14) Allyl chloride	5.024	41	259614	44.644	ug/l	# 91
15) Acrylonitrile	5.718	53	410804	245.658	ug/l	98
16) Acetone	4.424	43	299154	264.393	ug/l	96
17) Carbon Disulfide	4.712	76	364728	44.140	ug/l	97
18) Methyl Acetate	5.030	43	189652	48.876	ug/l	91
19) Methyl tert-butyl Ether	5.794	73	504018	48.586	ug/l	98
20) Methylene Chloride	5.283	84	148416	45.207	ug/l	# 79
21) trans-1,2-Dichloroethene	5.783	96	138857	46.325	ug/l	88
22) Diisopropyl ether	6.671	45	549105	48.798	ug/l	94
23) Vinyl Acetate	6.606	43	2271839	248.479	ug/l	# 92
24) 1,1-Dichloroethane	6.565	63	280269	47.853	ug/l	97
25) 2-Butanone	7.483	43	558670	256.943	ug/l	# 88
26) 2,2-Dichloropropane	7.488	77	235373	43.687	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	169180	48.301	ug/l	84
28) Bromochloromethane	7.812	49	129001	46.342	ug/l	# 77
29) Tetrahydrofuran	7.841	42	380755	244.197	ug/l	88
30) Chloroform	7.971	83	273188	47.057	ug/l	97
31) Cyclohexane	8.259	56	271741	47.087	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	239620	46.283	ug/l	94
36) 1,1-Dichloropropene	8.371	75	201963	49.442	ug/l	95
37) Ethyl Acetate	7.559	43	234026	52.988	ug/l	97
38) Carbon Tetrachloride	8.365	117	195934	49.077	ug/l	99
39) Methylcyclohexane	9.606	83	242494	48.881	ug/l	92
40) Benzene	8.606	78	623307	50.831	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	134419	47.698	ug/l	89
42) 1,2-Dichloroethane	8.671	62	222050	48.765	ug/l	96
43) Isopropyl Acetate	8.688	43	435577	52.451	ug/l #	91
44) Trichloroethene	9.353	130	139802	49.449	ug/l	95
45) 1,2-Dichloropropane	9.624	63	163556	50.965	ug/l	97
46) Dibromomethane	9.712	93	103291	46.567	ug/l	94
47) Bromodichloromethane	9.888	83	224962	48.090	ug/l #	99
48) Methyl methacrylate	9.682	41	197797	49.893	ug/l #	86
49) 1,4-Dioxane	9.694	88	64923	1077.466	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1227336	262.536	ug/l	93
52) Toluene	10.629	92	375823	51.178	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	250084	49.132	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	263551	50.239	ug/l #	85
55) 1,1,2-Trichloroethane	11.018	97	139403	48.269	ug/l	98
56) Ethyl methacrylate	10.876	69	276789	50.331	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	258709	50.386	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	652607	260.495	ug/l	91
59) 2-Hexanone	11.194	43	925772	266.096	ug/l	93
60) Dibromochloromethane	11.359	129	158109	51.688	ug/l	98
61) 1,2-Dibromoethane	11.471	107	141843	51.358	ug/l	98
64) Tetrachloroethene	11.106	164	132571	49.974	ug/l	94
65) Chlorobenzene	11.894	112	399644	50.103	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	133219	51.390	ug/l	98
67) Ethyl Benzene	11.965	91	730958	49.276	ug/l	99
68) m/p-Xylenes	12.076	106	534005	100.923	ug/l	90
69) o-Xylene	12.400	106	260915	50.508	ug/l	89
70) Styrene	12.412	104	450677	50.432	ug/l	94
71) Bromoform	12.582	173	99963	49.050	ug/l #	100
73) Isopropylbenzene	12.700	105	683872	48.820	ug/l	99
74) N-amyl acetate	12.494	43	389827	49.984	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	191426	45.506	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	196224m	48.035	ug/l	
77) Bromobenzene	12.982	156	145448	49.618	ug/l	72
78) n-propylbenzene	13.035	91	815807	47.945	ug/l	96
79) 2-Chlorotoluene	13.129	91	505499	46.694	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	562717	47.472	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	91592	45.944	ug/l	92
82) 4-Chlorotoluene	13.223	91	491599	46.774	ug/l	92
83) tert-Butylbenzene	13.441	119	472432	47.858	ug/l	90
84) 1,2,4-Trimethylbenzene	13.482	105	562092	47.484	ug/l	98
85) sec-Butylbenzene	13.617	105	676645	48.662	ug/l	98
86) p-Isopropyltoluene	13.729	119	537396	48.133	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	255111	46.642	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	255911	47.513	ug/l	94
89) n-Butylbenzene	14.059	91	503310	48.431	ug/l	97
90) Hexachloroethane	14.335	117	107152	48.788	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	248042	47.306	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	47186	46.074	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	142701	48.647	ug/l	99
94) Hexachlorobutadiene	15.500	225	52518	48.573	ug/l	99
95) Naphthalene	15.641	128	544803	49.150	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	144782	51.407	ug/l	100

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VSTDCCC050EC

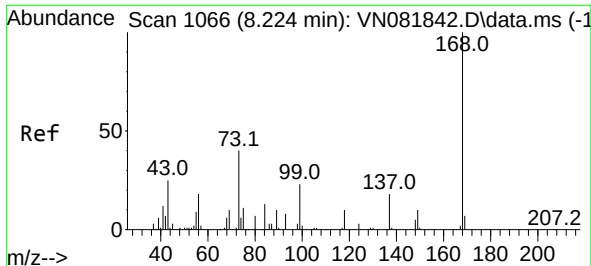
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/26/2024

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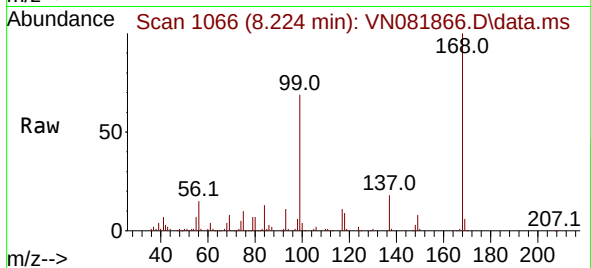
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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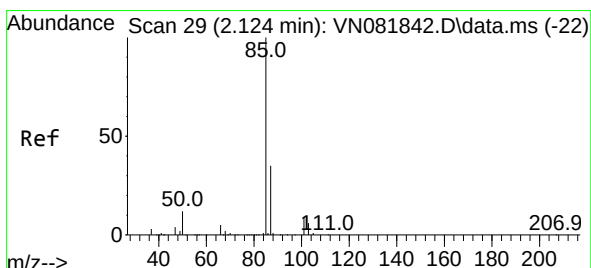
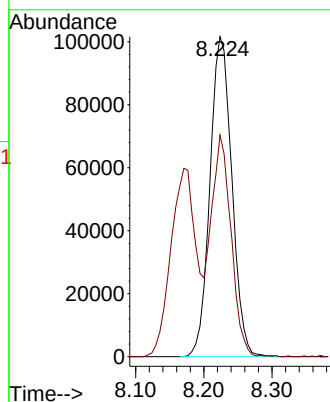
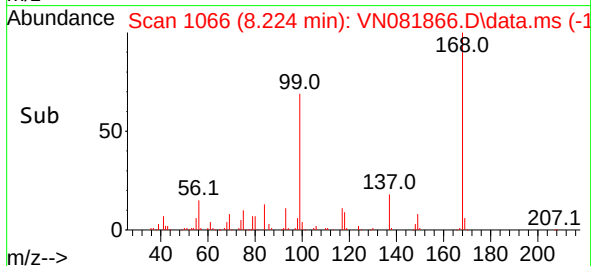
Instrument :
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Tgt Ion:168 Resp: 22698
Ion Ratio Lower Upper
168 100
99 69.2 48.2 72.4

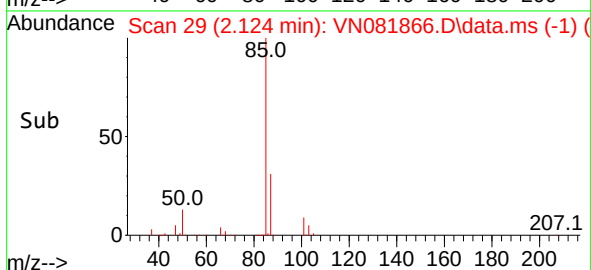
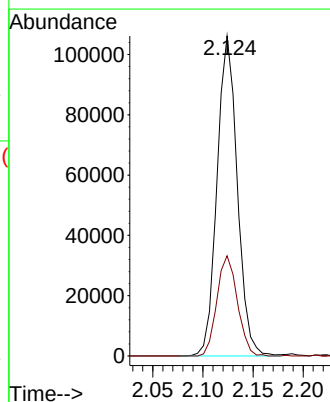
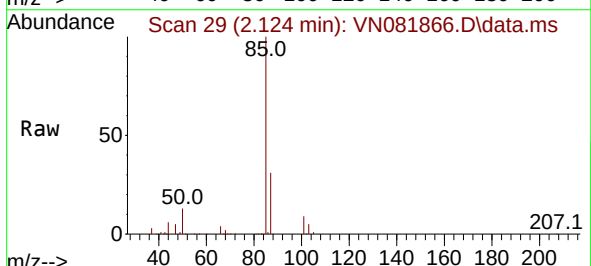
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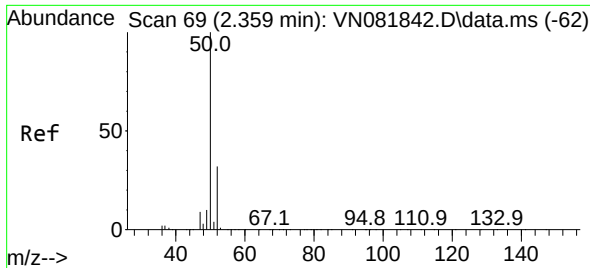
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#2
Dichlorodifluoromethane
Concen: 46.798 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081866.D
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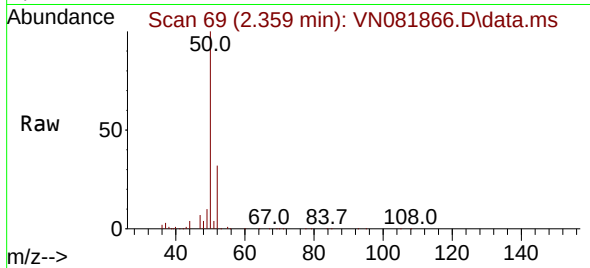
Tgt Ion: 85 Resp: 149111
Ion Ratio Lower Upper
85 100
87 31.3 15.8 47.4





#3
Chloromethane
Concen: 45.692 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

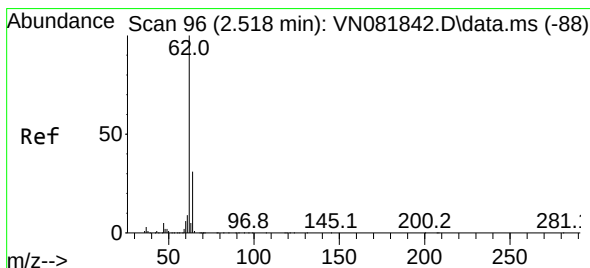
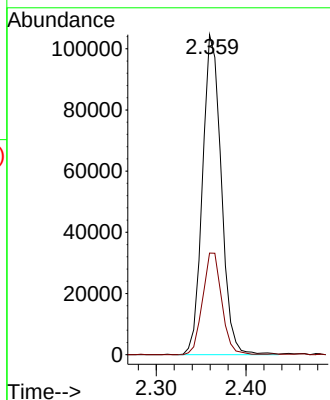
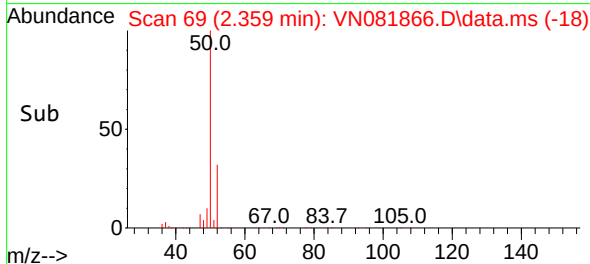
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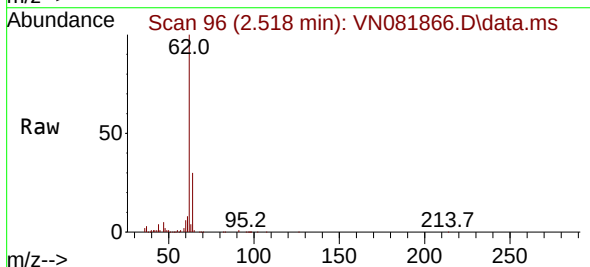
Tgt Ion: 50 Resp: 151879
Ion Ratio Lower Upper
50 100
52 31.7 25.5 38.3

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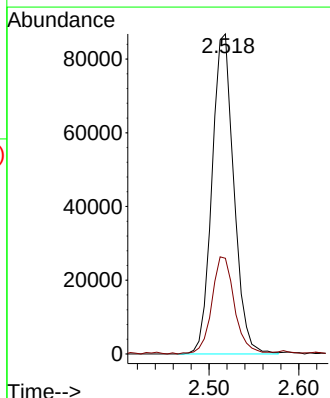
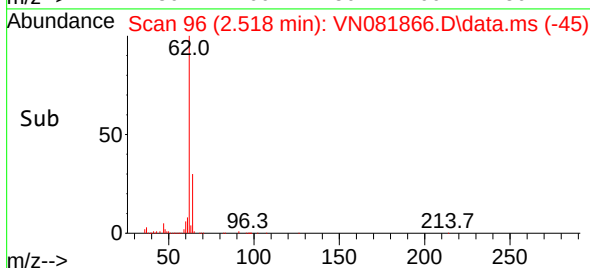
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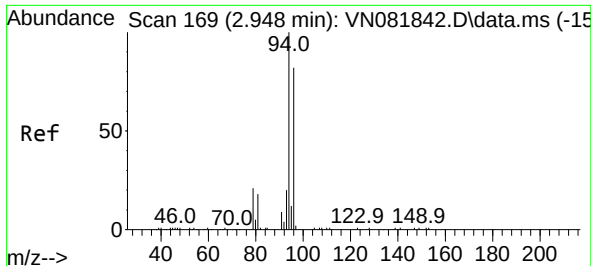


#4
Vinyl Chloride
Concen: 48.723 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
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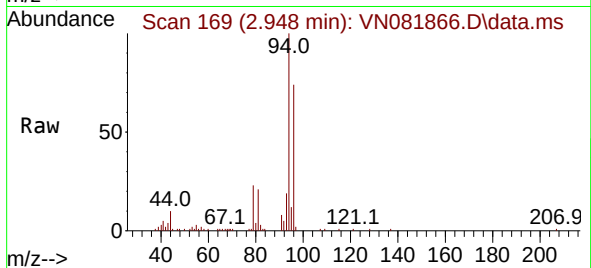
Tgt Ion: 62 Resp: 146605
Ion Ratio Lower Upper
62 100
64 29.9 24.6 37.0





#5
Bromomethane
Concen: 45.542 ug/l
RT: 2.948 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN081866.D
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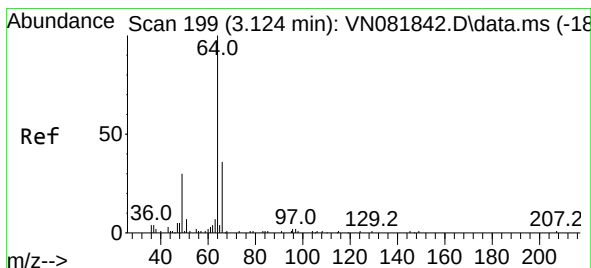
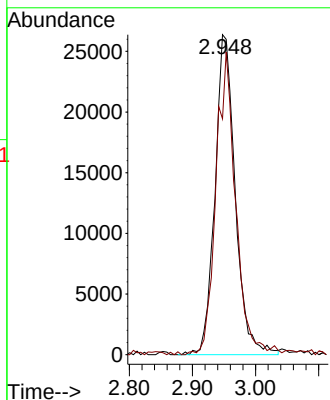
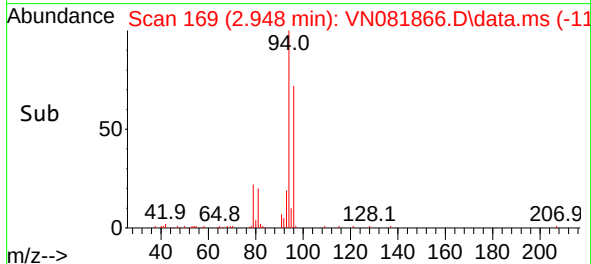
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Tgt Ion: 94 Resp: 5888
Ion Ratio Lower Upper
94 100
96 72.8 74.8 112.2

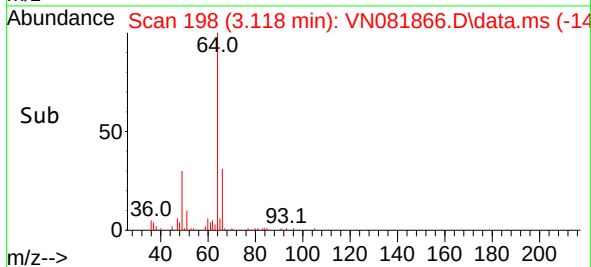
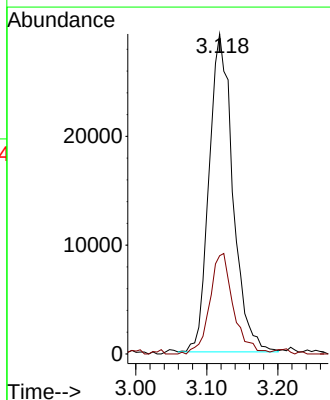
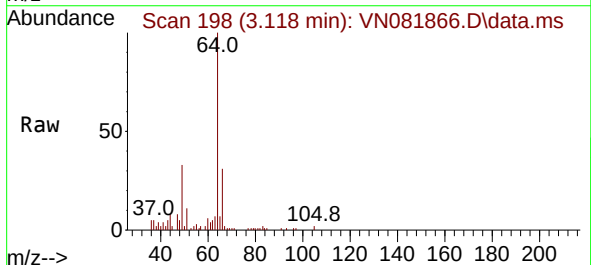
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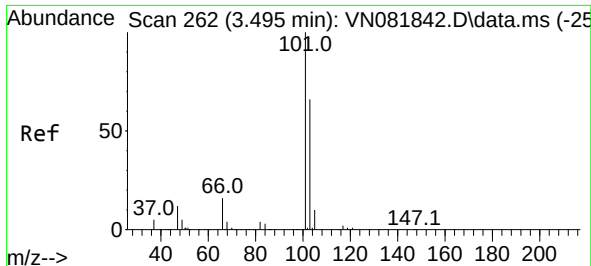
Reviewed By :John Carlone 04/26/2024
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#6
Chloroethane
Concen: 44.777 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 68095
Ion Ratio Lower Upper
64 100
66 30.9 24.7 37.1





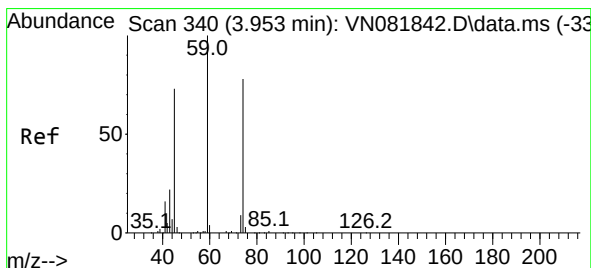
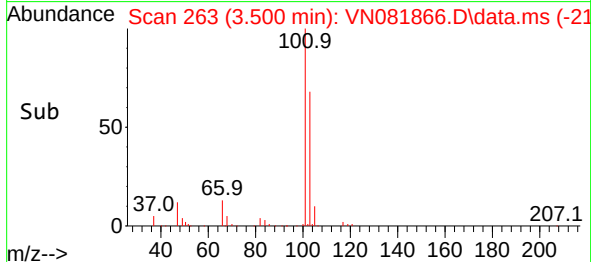
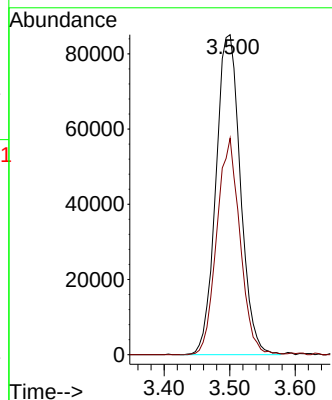
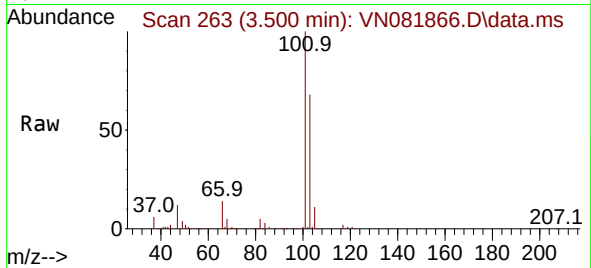
#7
 Trichlorofluoromethane
 Concen: 47.383 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN081866.D
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Instrument :
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Tgt Ion:101 Resp: 22054
 Ion Ratio Lower Upper
 101 100
 103 67.6 50.6 75.8

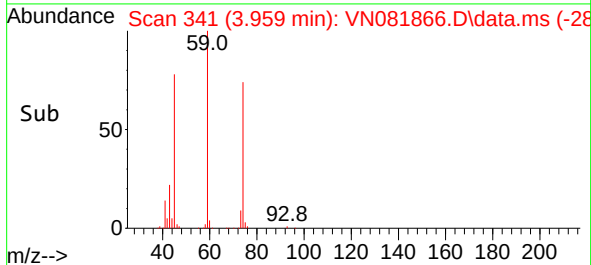
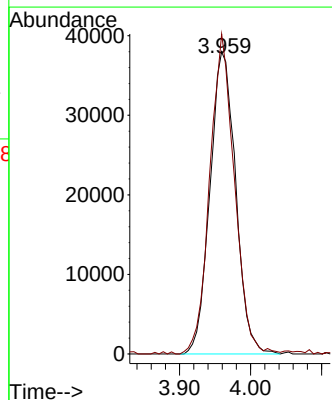
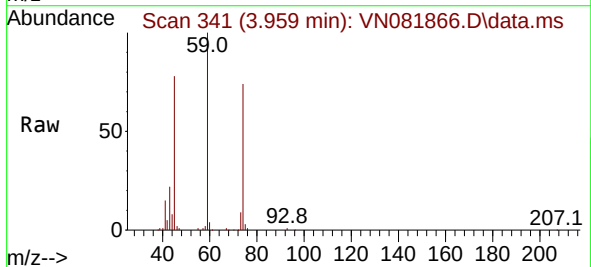
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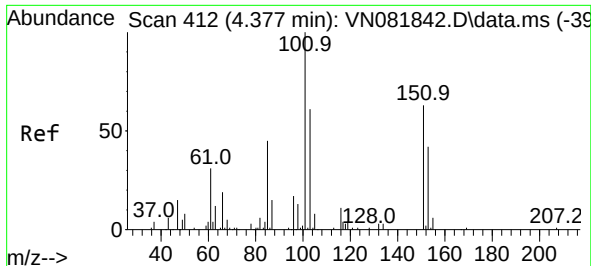
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#8
 Diethyl Ether
 Concen: 48.188 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 95279
 Ion Ratio Lower Upper
 74 100
 45 101.7 42.4 127.3





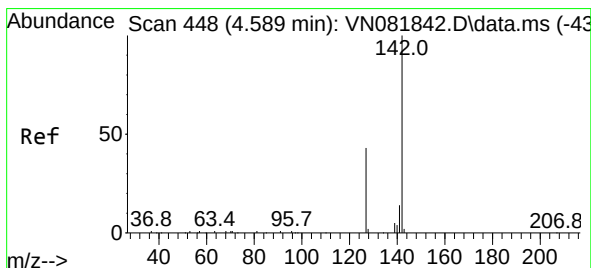
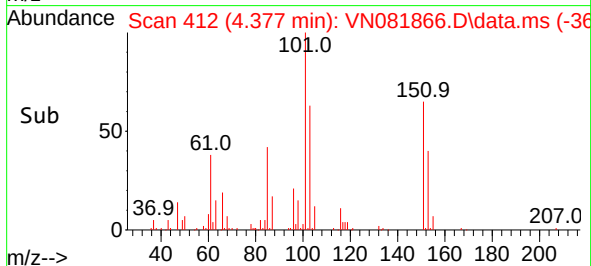
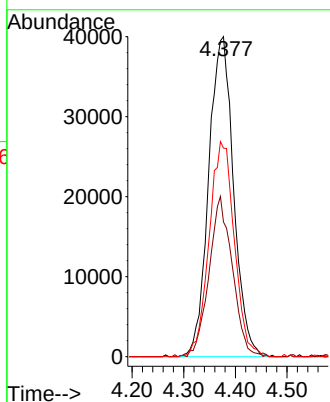
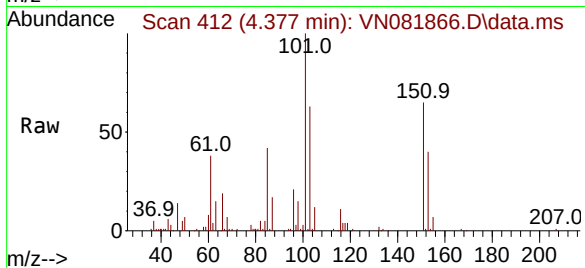
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.485 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN081866.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 133725
Ion Ratio Lower Upper
101 100
85 46.9 37.3 55.9
151 68.0 59.2 88.8

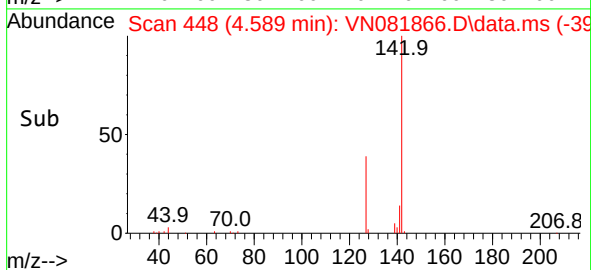
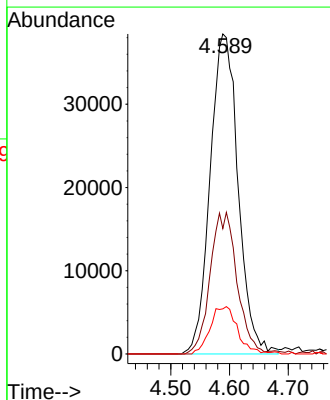
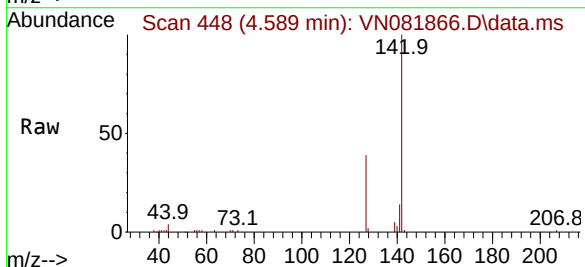
Manual Integrations
APPROVED

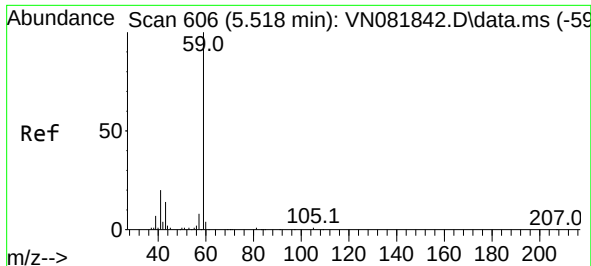
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#10
Methyl Iodide
Concen: 53.705 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

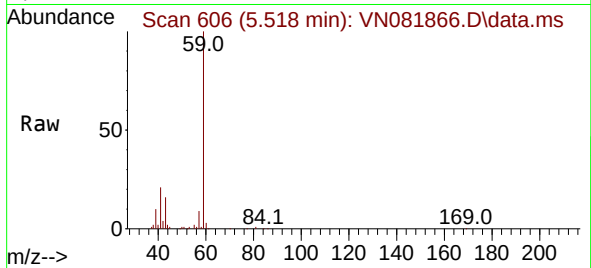
Tgt Ion:142 Resp: 127112
Ion Ratio Lower Upper
142 100
127 39.2 35.8 53.6
141 14.1 11.4 17.2





#11
Tert butyl alcohol
Concen: 241.081 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

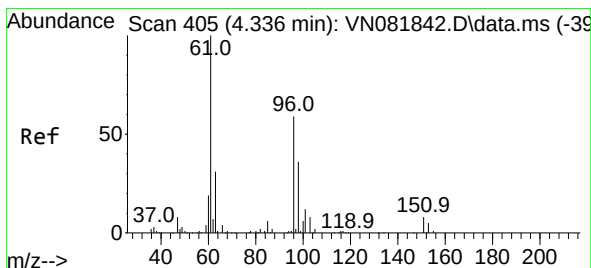
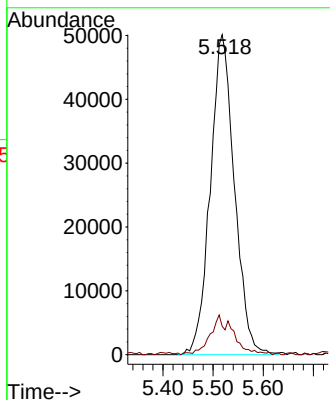
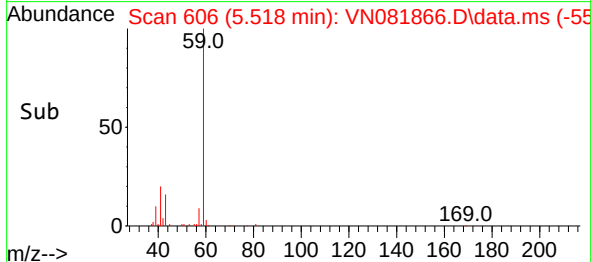
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



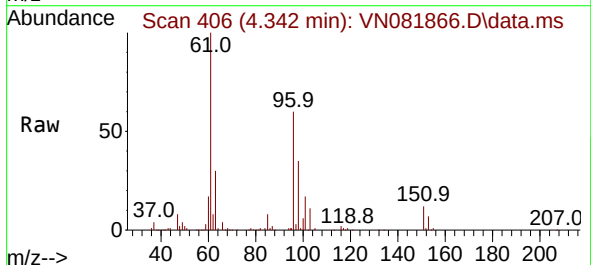
Tgt Ion: 59 Resp: 167892
Ion Ratio Lower Upper
59 100
57 7.2 8.9 13.3

Manual Integrations
APPROVED

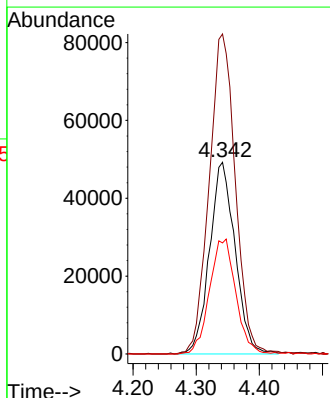
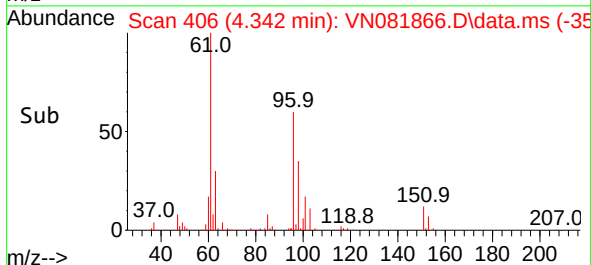
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

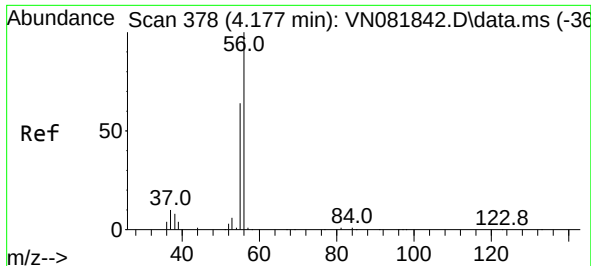


#12
1,1-Dichloroethene
Concen: 50.364 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28



Tgt Ion: 96 Resp: 138458
Ion Ratio Lower Upper
96 100
61 166.6 119.7 179.5
98 57.9 49.6 74.4





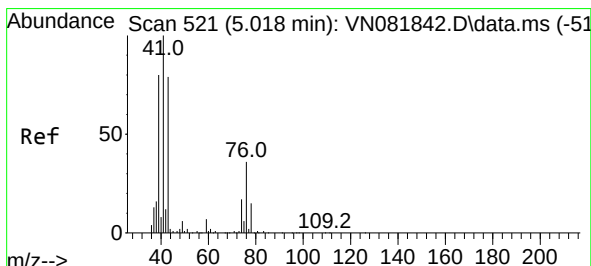
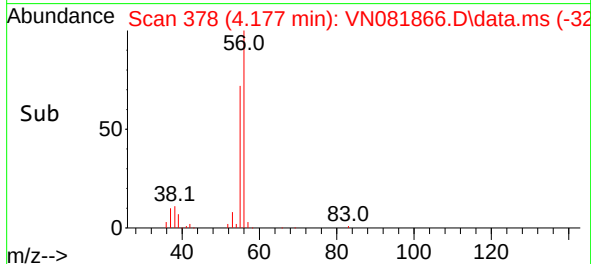
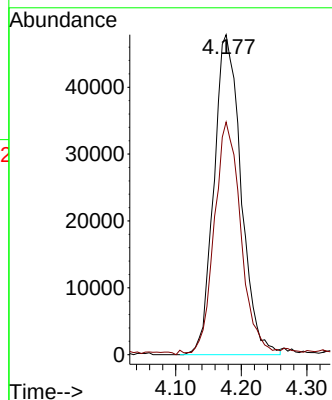
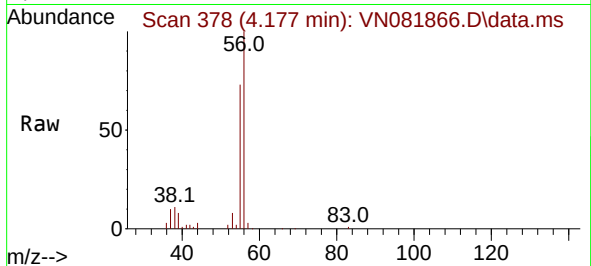
#13
Acrolein
Concen: 253.252 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 13753
Ion Ratio Lower Upper
56 100
55 69.8 55.8 83.8

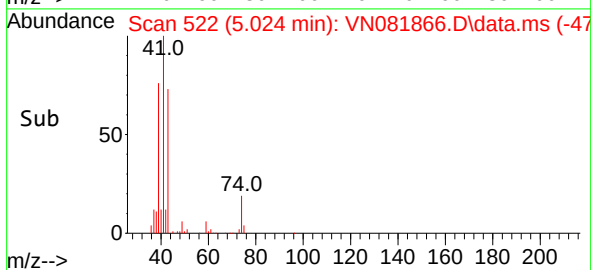
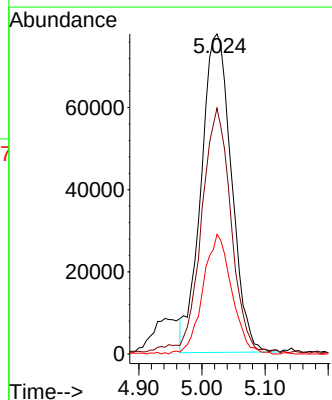
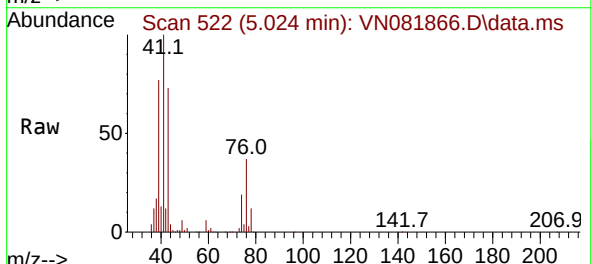
Manual Integrations
APPROVED

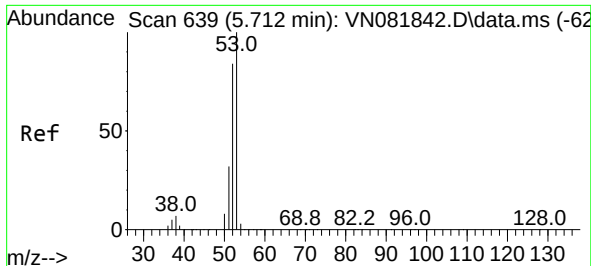
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#14
Allyl chloride
Concen: 44.644 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

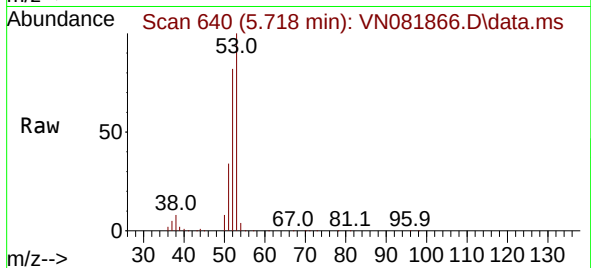
Tgt Ion: 41 Resp: 259614
Ion Ratio Lower Upper
41 100
39 77.1 65.4 98.0
76 35.5 37.3 55.9





#15
Acrylonitrile
Concen: 245.658 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

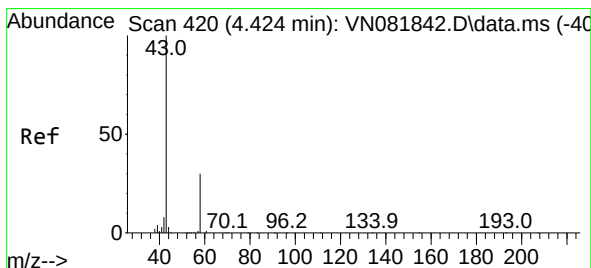
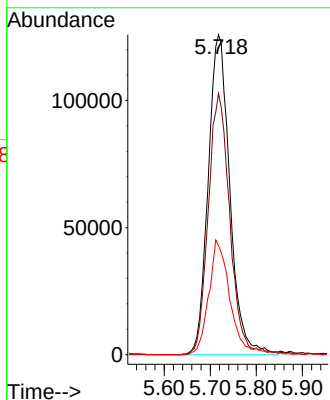
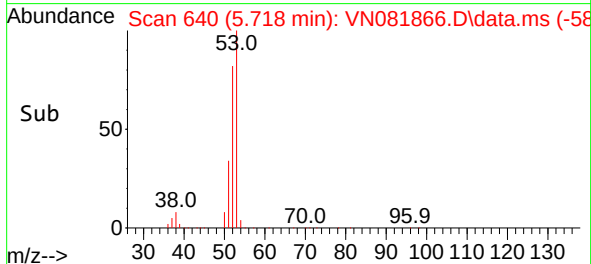
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 410804
Ion Ratio Lower Upper
53 100
52 81.2 66.1 99.1
51 35.4 29.4 44.2

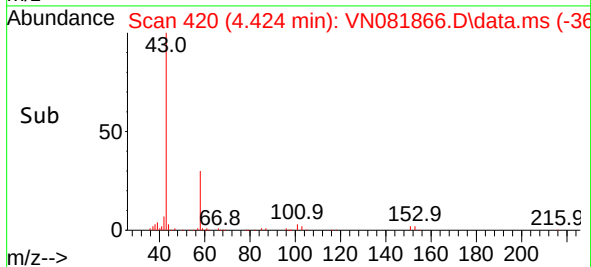
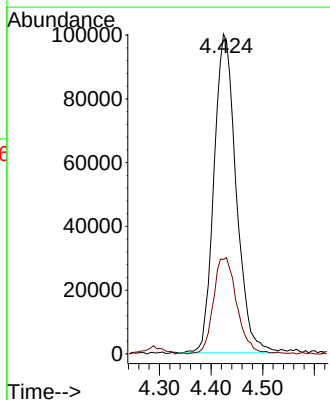
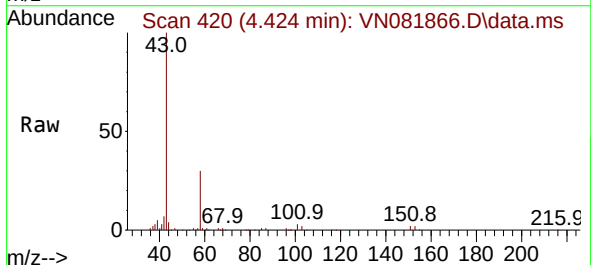
Manual Integrations
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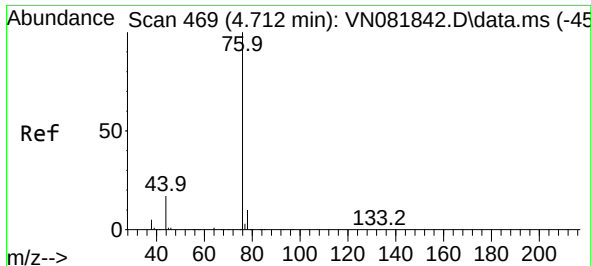
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#16
Acetone
Concen: 264.393 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

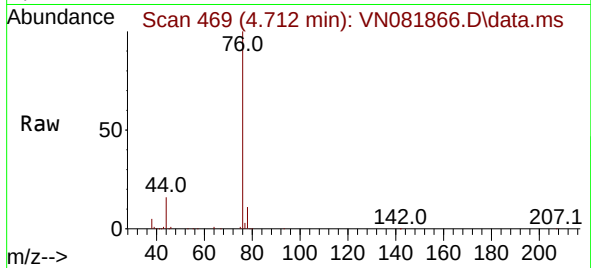
Tgt Ion: 43 Resp: 299154
Ion Ratio Lower Upper
43 100
58 29.4 25.2 37.8





#17
Carbon Disulfide
Concen: 44.140 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

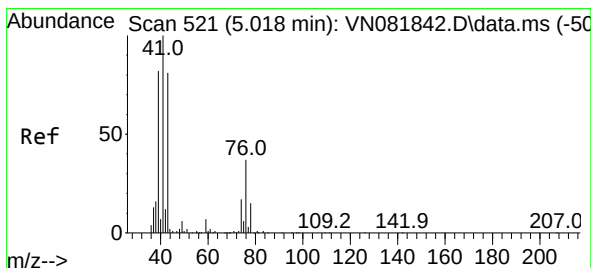
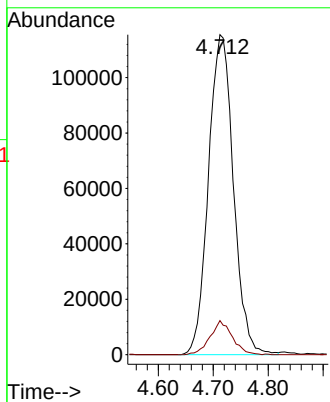
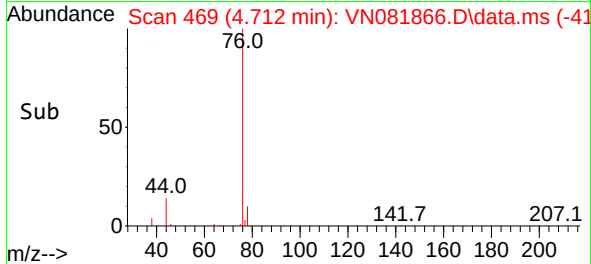
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 364728
Ion Ratio Lower Upper
76 100
78 10.7 7.5 11.3

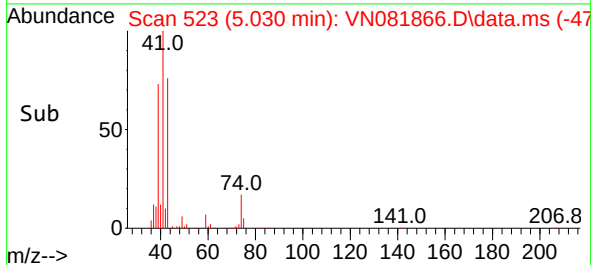
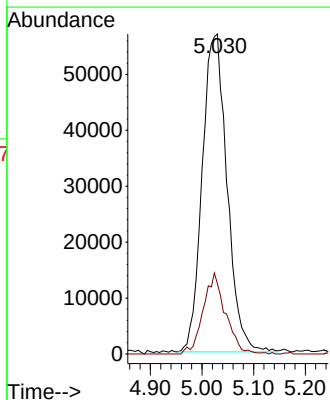
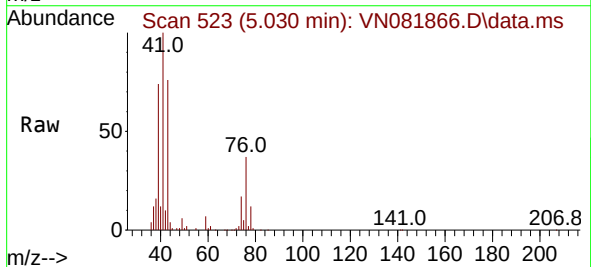
Manual Integrations
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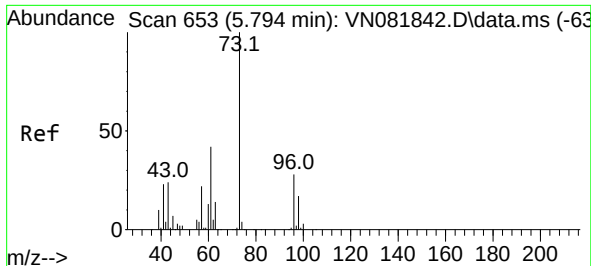
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#18
Methyl Acetate
Concen: 48.876 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

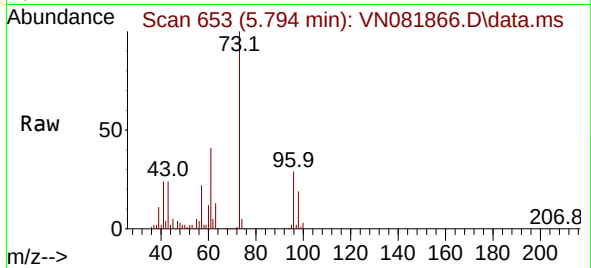
Tgt Ion: 43 Resp: 189652
Ion Ratio Lower Upper
43 100
74 22.9 22.2 33.2





#19
Methyl tert-butyl Ether
Concen: 48.586 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

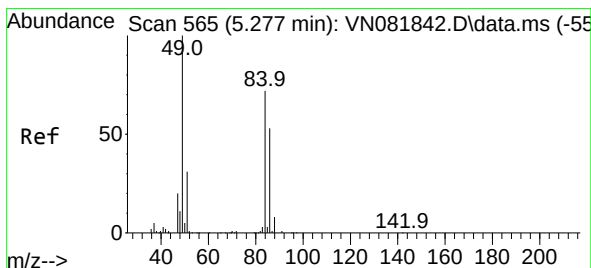
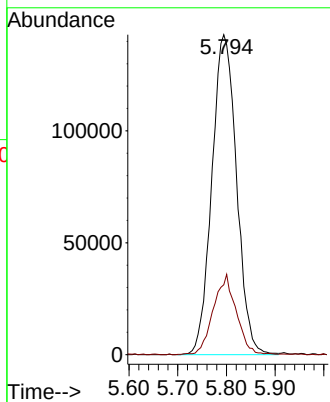
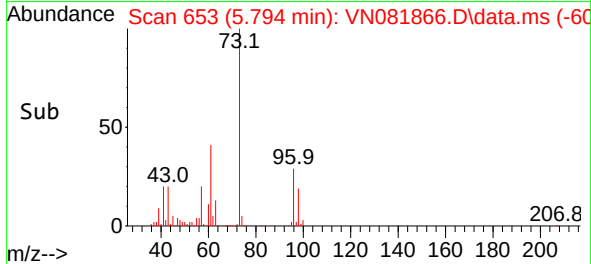
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 504018
Ion Ratio Lower Upper
73 100
57 21.8 16.5 24.7

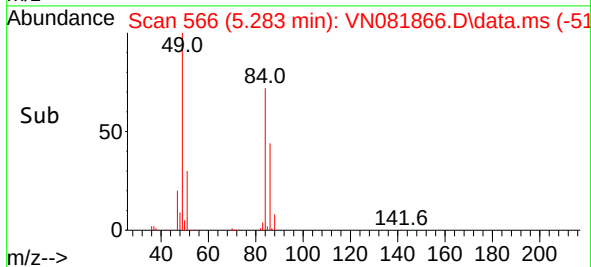
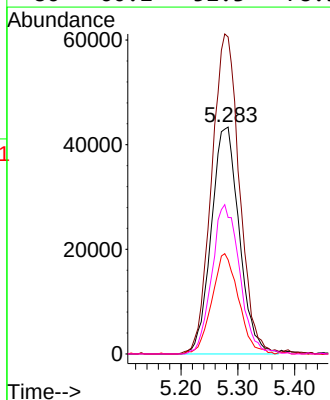
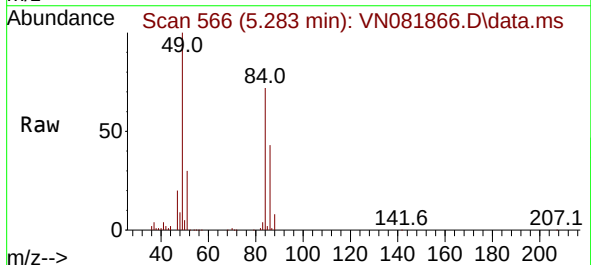
Manual Integrations
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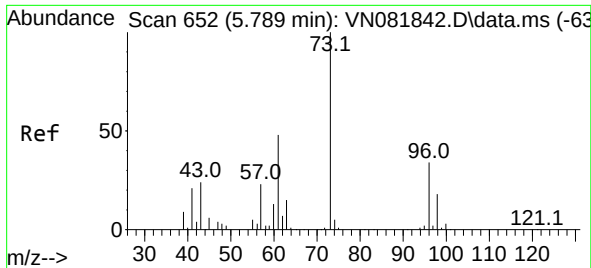
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#20
Methylene Chloride
Concen: 45.207 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

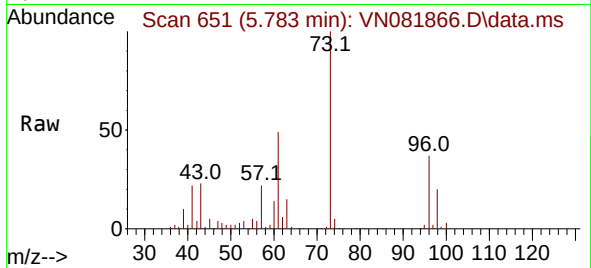
Tgt Ion: 84 Resp: 148416
Ion Ratio Lower Upper
84 100
49 139.6 84.9 127.3#
51 41.5 27.0 40.6#
86 60.2 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 46.325 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

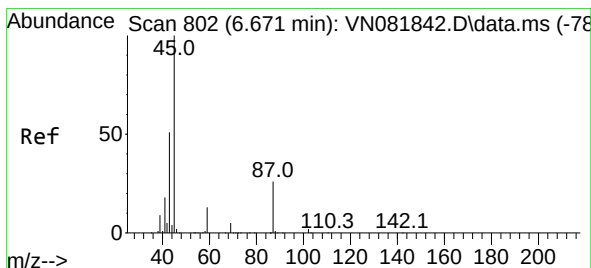
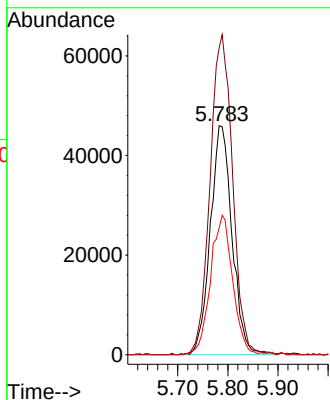
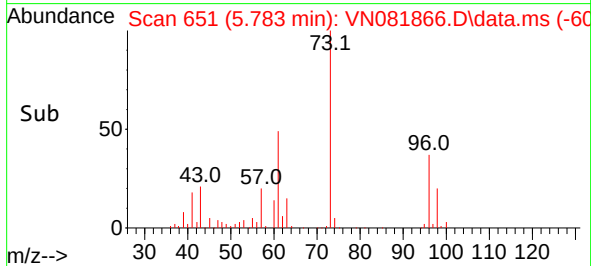
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 13885
Ion Ratio Lower Upper
96 100
61 134.0 96.5 144.7
98 55.4 51.3 76.9

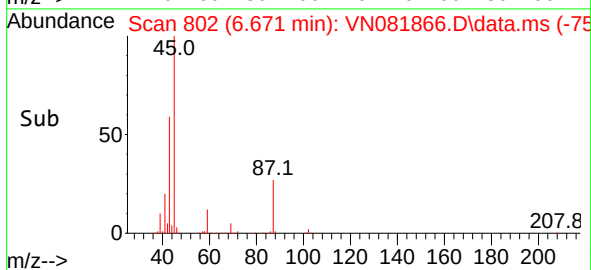
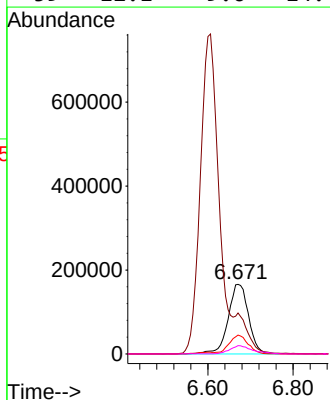
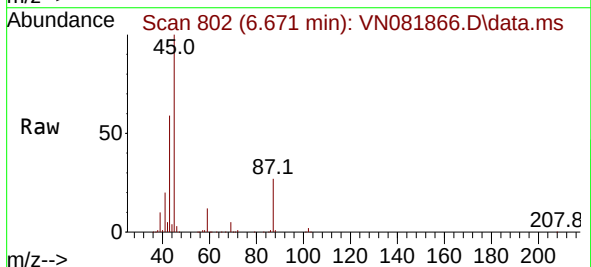
Manual Integrations
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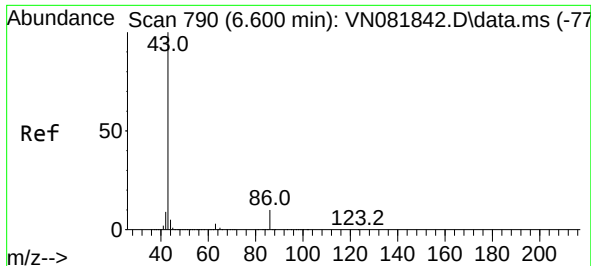
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#22
Diisopropyl ether
Concen: 48.798 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

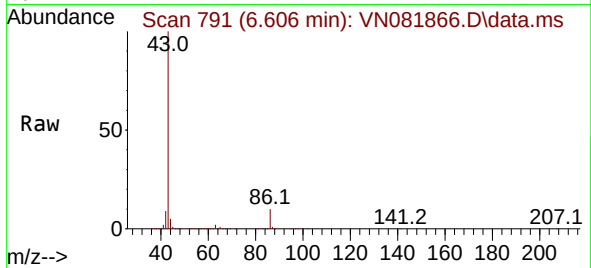
Tgt Ion: 45 Resp: 549105
Ion Ratio Lower Upper
45 100
43 58.4 44.1 66.1
87 27.1 27.0 40.6
59 12.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 248.479 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN081866.D
 Acq: 25 Apr 2024 21:28

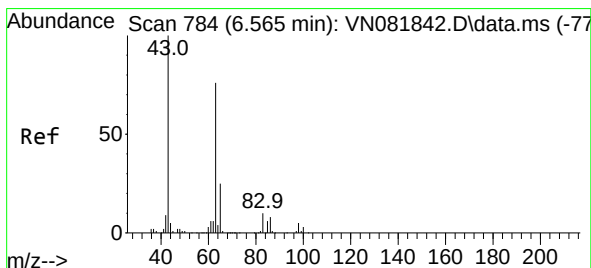
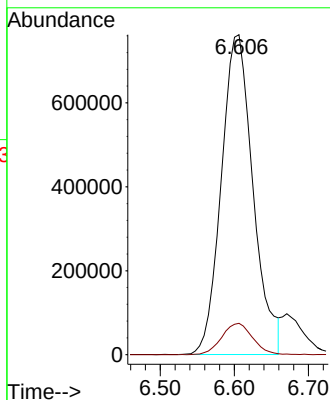
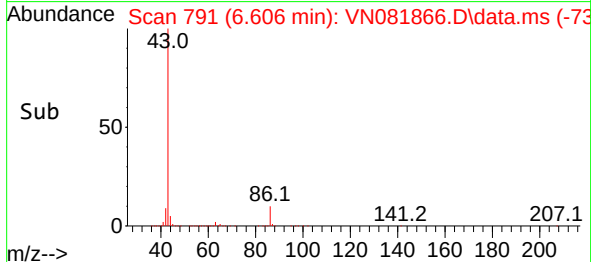
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



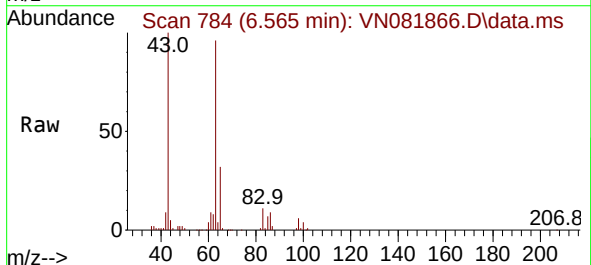
Tgt Ion: 43 Resp: 2271839
 Ion Ratio Lower Upper
 43 100
 86 9.8 10.2 15.4

Manual Integrations
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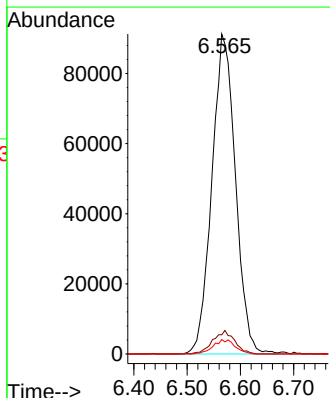
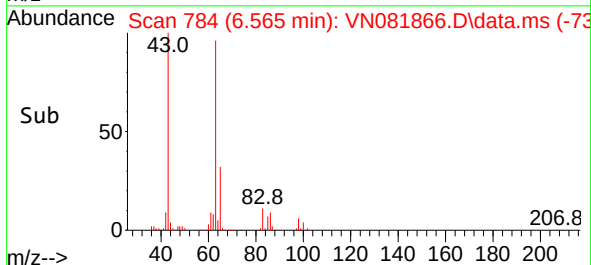
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024

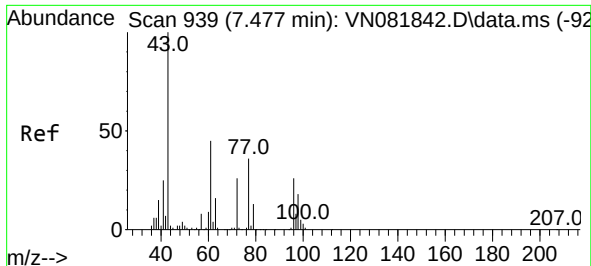


#24
 1,1-Dichloroethane
 Concen: 47.853 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081866.D
 Acq: 25 Apr 2024 21:28



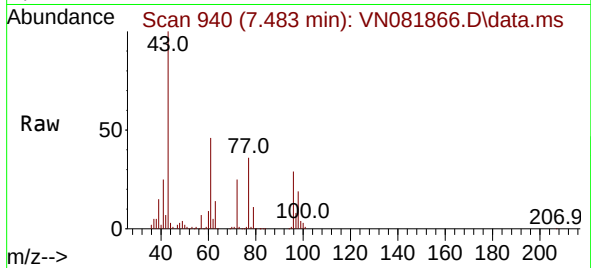
Tgt Ion: 63 Resp: 280269
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.6 10.9
 100 4.5 2.6 7.8





#25
2-Butanone
Concen: 256.943 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

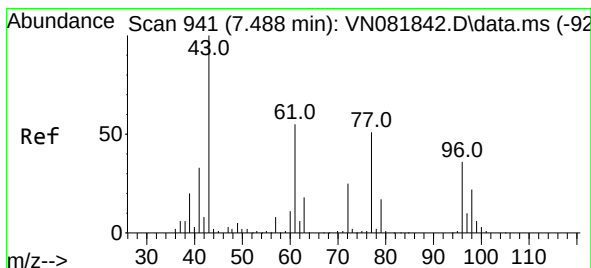
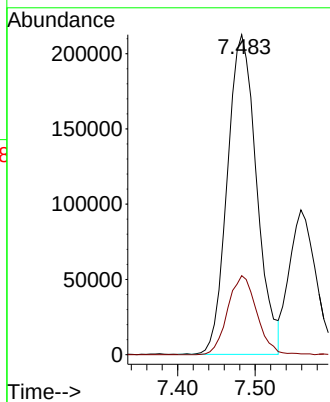
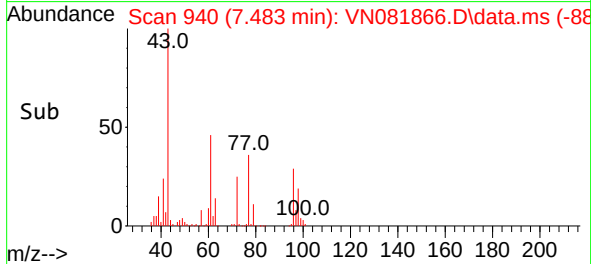
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 558670
Ion Ratio Lower Upper
43 100
72 24.7 25.3 37.9

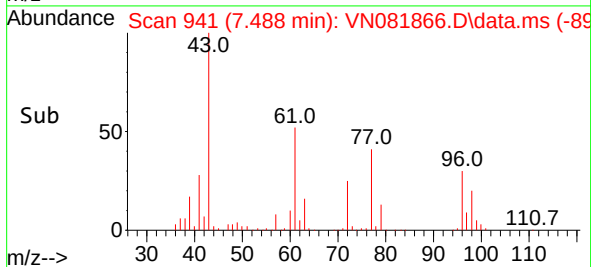
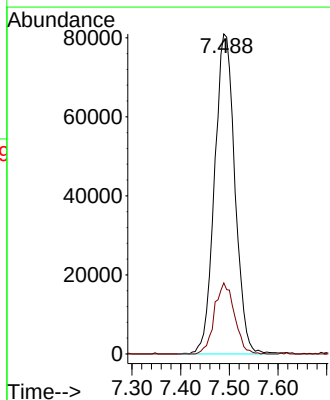
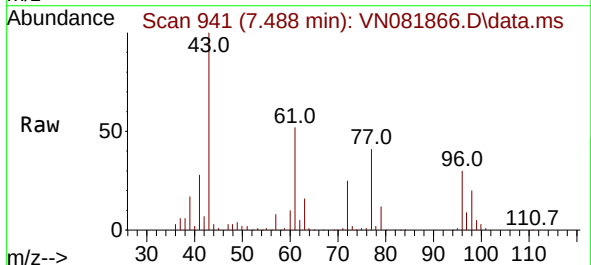
Manual Integrations
APPROVED

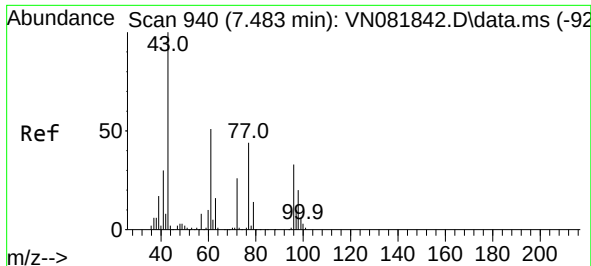
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#26
2,2-Dichloropropane
Concen: 43.687 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

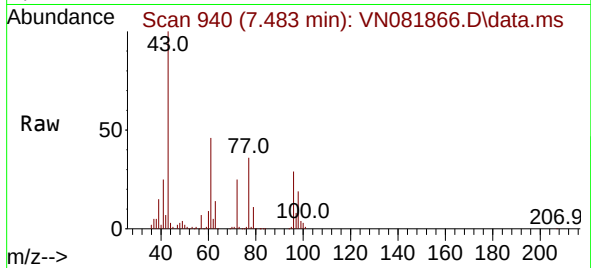
Tgt Ion: 77 Resp: 235373
Ion Ratio Lower Upper
77 100
97 21.9 11.3 33.9





#27
 cis-1,2-Dichloroethene
 Concen: 48.301 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN081866.D
 Acq: 25 Apr 2024 21:28

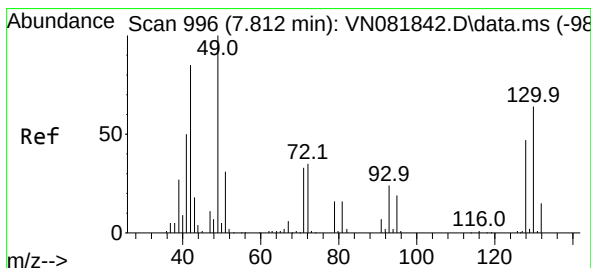
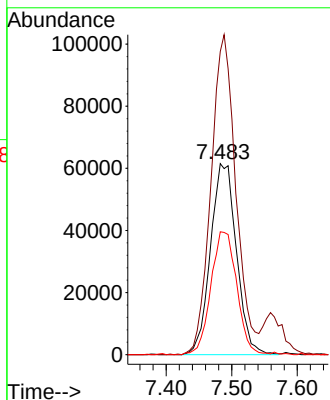
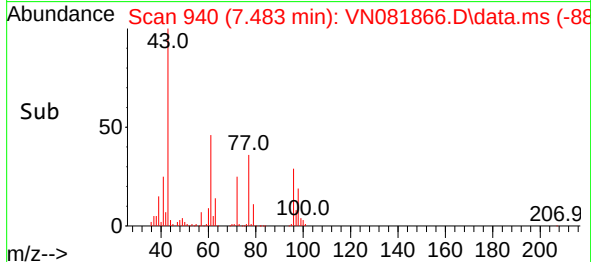
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 169180
 Ion Ratio Lower Upper
 96 100
 61 160.9 0.0 268.0
 98 64.1 0.0 126.8

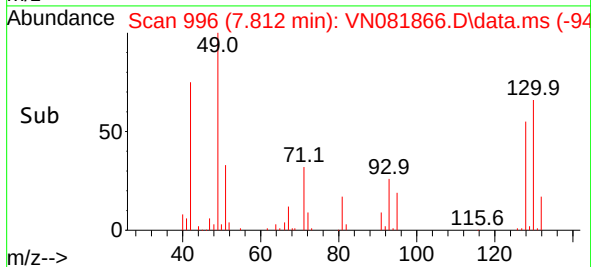
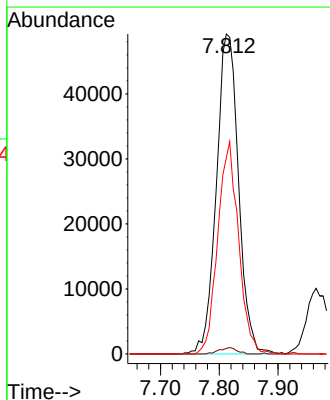
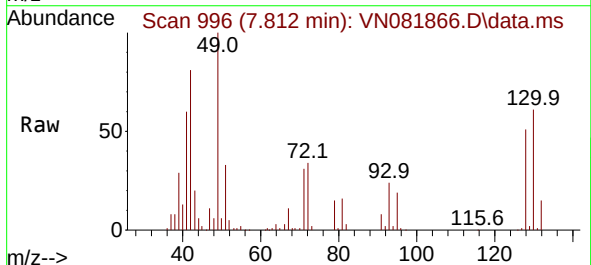
Manual Integrations
 APPROVED

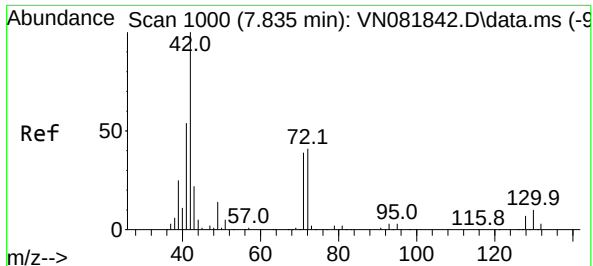
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024



#28
 Bromochloromethane
 Concen: 46.342 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081866.D
 Acq: 25 Apr 2024 21:28

Tgt Ion: 49 Resp: 129001
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.6
 130 62.3 66.7 100.1#





#29

Tetrahydrofuran

Concen: 244.197 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081866.D

Acq: 25 Apr 2024 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

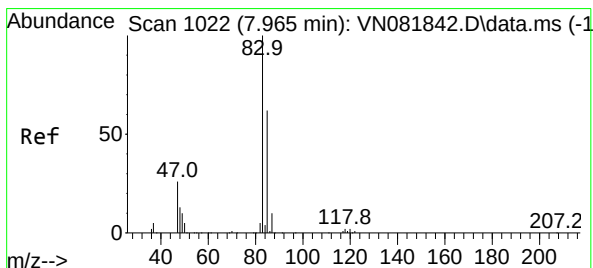
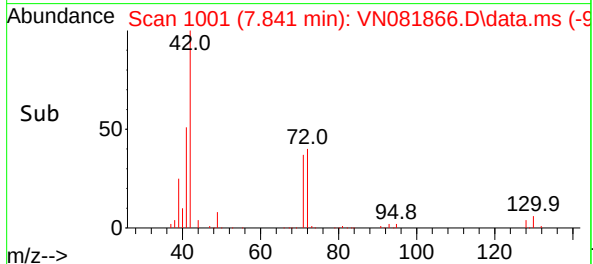
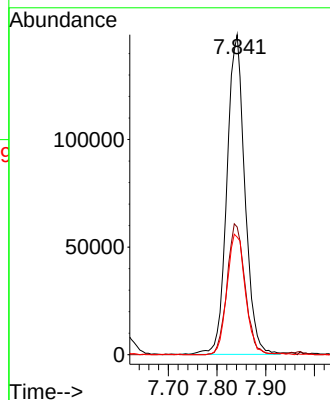
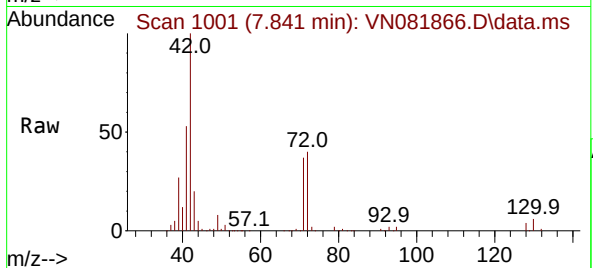
Tgt Ion: 42 Resp: 38075
 Ion Ratio Lower Upper
 42 100
 72 41.0 39.3 58.9
 71 38.7 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#30

Chloroform

Concen: 47.057 ug/l

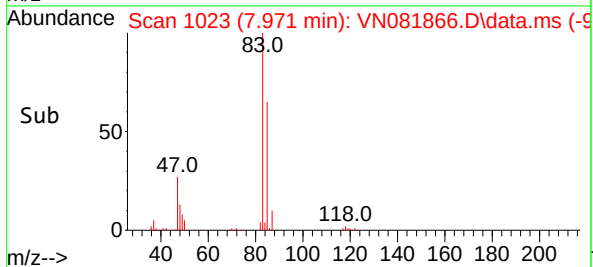
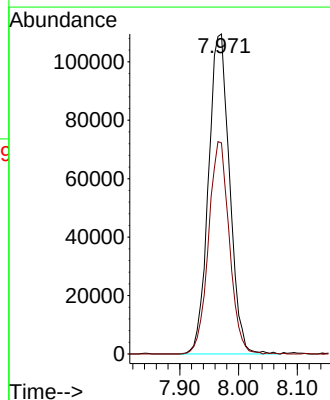
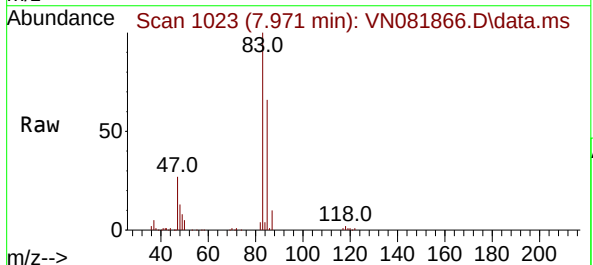
RT: 7.971 min Scan# 1023

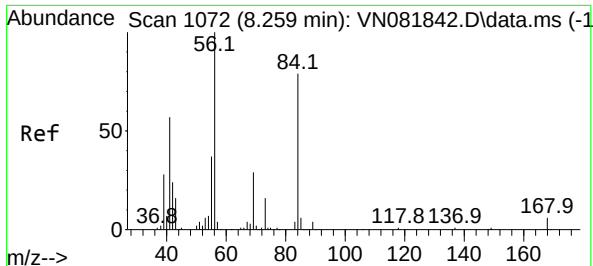
Delta R.T. 0.006 min

Lab File: VN081866.D

Acq: 25 Apr 2024 21:28

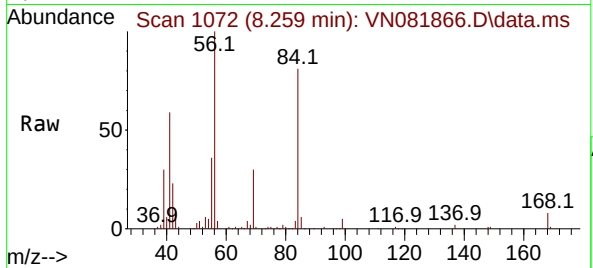
Tgt Ion: 83 Resp: 273188
 Ion Ratio Lower Upper
 83 100
 85 66.0 50.7 76.1





#31
Cyclohexane
Concen: 47.087 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

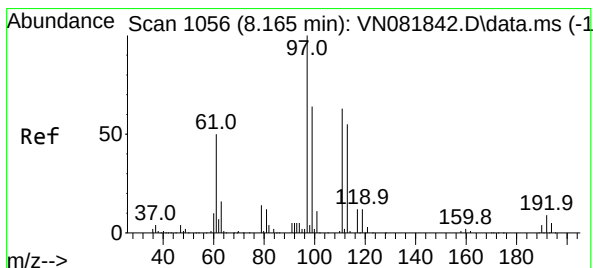
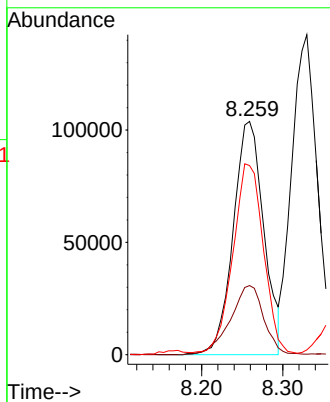
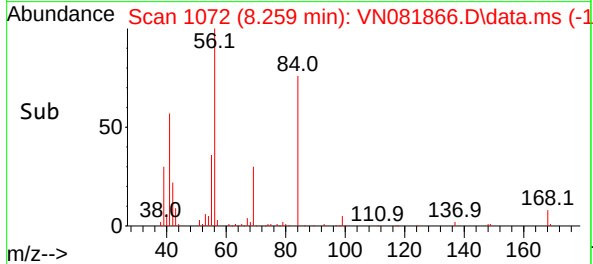
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



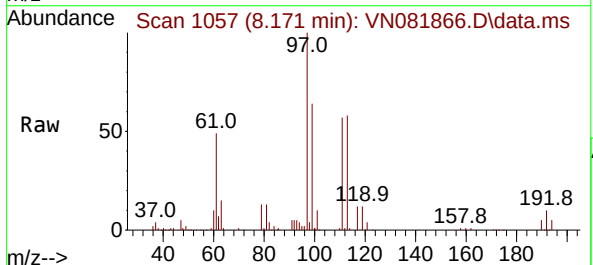
Tgt Ion: 56 Resp: 27174
Ion Ratio Lower Upper
56 100
69 29.6 24.4 36.6
84 79.2 77.0 115.4

Manual Integrations
APPROVED

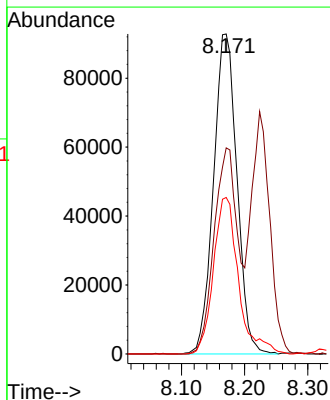
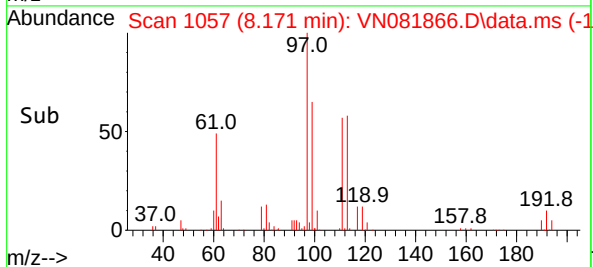
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

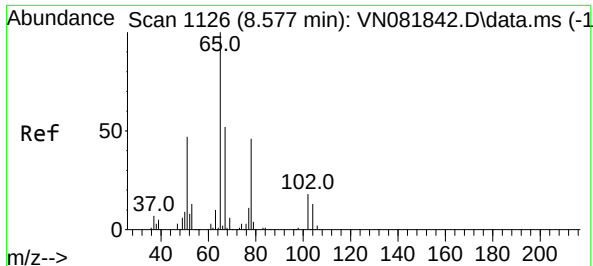


#32
1,1,1-Trichloroethane
Concen: 46.283 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28



Tgt Ion: 97 Resp: 239620
Ion Ratio Lower Upper
97 100
99 65.6 50.3 75.5
61 52.2 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 49.290 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081866.D

Acq: 25 Apr 2024 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 18882

Ion Ratio Lower Upper

65 100

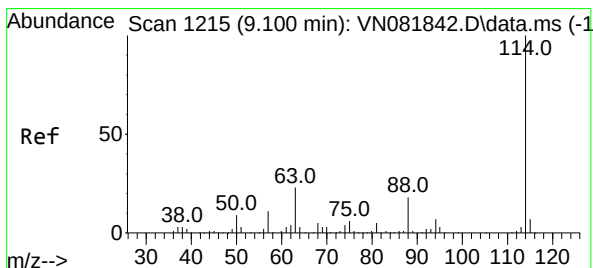
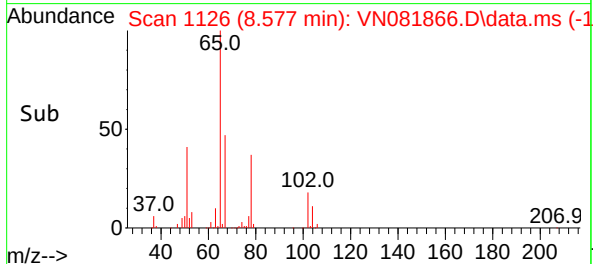
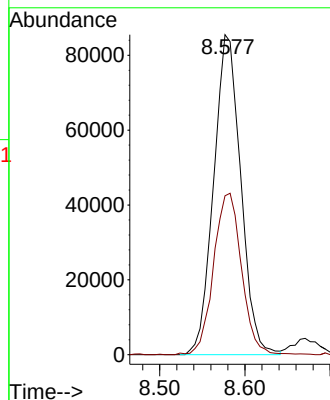
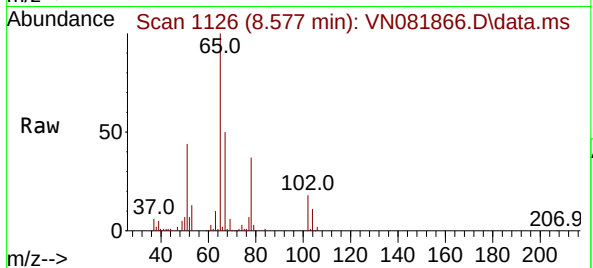
67 52.1 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081866.D

Acq: 25 Apr 2024 21:28

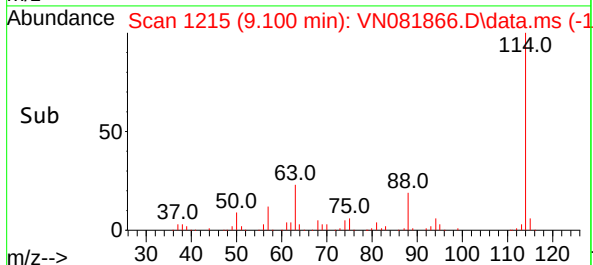
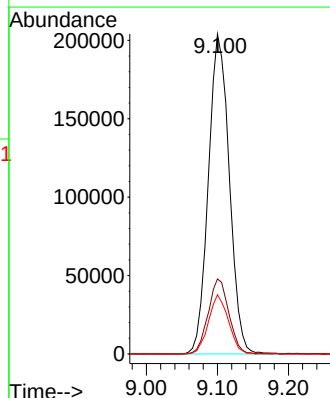
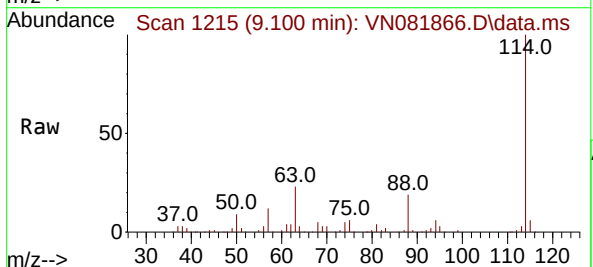
Tgt Ion:114 Resp: 417025

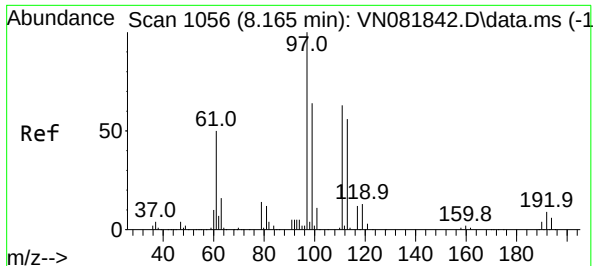
Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

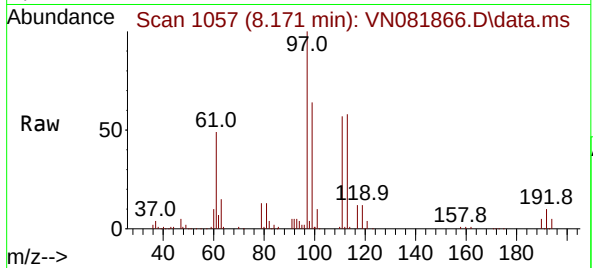
88 18.5 0.0 31.4





#35
Dibromofluoromethane
Concen: 52.088 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

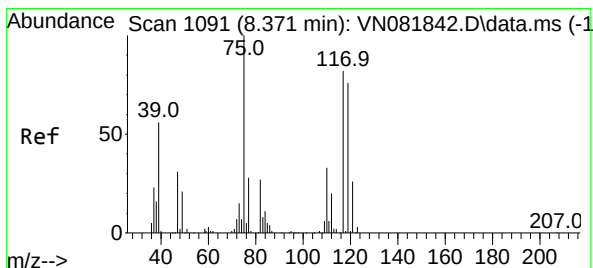
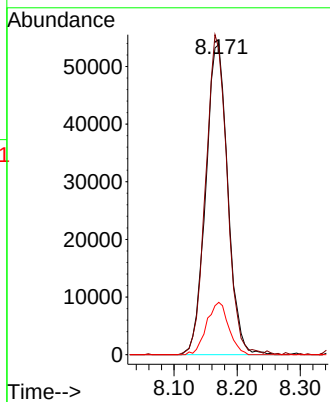
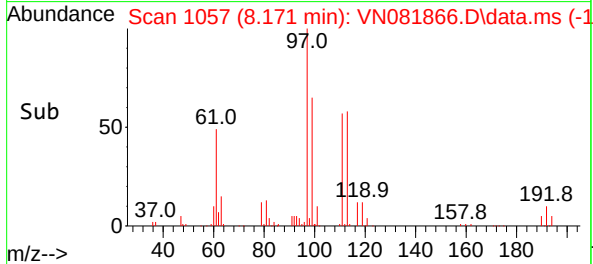
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 130780
Ion Ratio Lower Upper
113 100
111 99.8 83.4 125.2
192 16.8 14.0 21.0

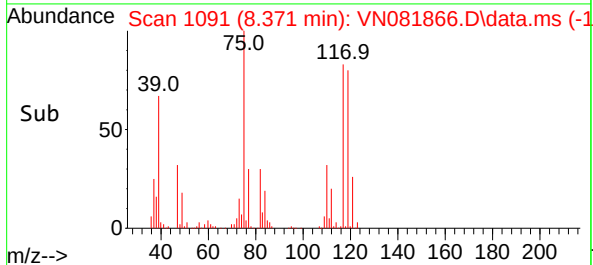
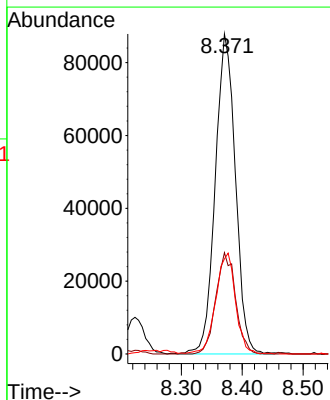
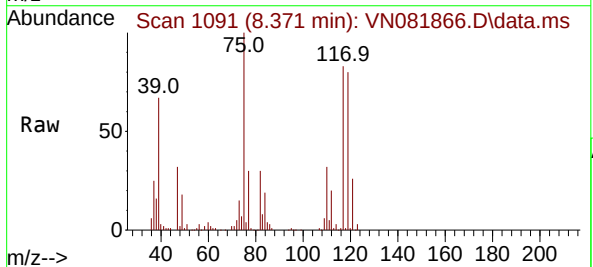
Manual Integrations
APPROVED

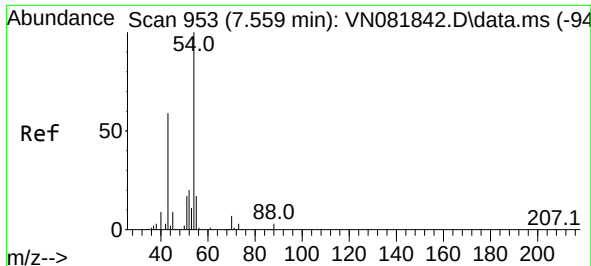
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#36
1,1-Dichloropropene
Concen: 49.442 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

Tgt Ion: 75 Resp: 201963
Ion Ratio Lower Upper
75 100
110 30.9 17.8 53.5
77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 52.988 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081866.D

Acq: 25 Apr 2024 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 234020

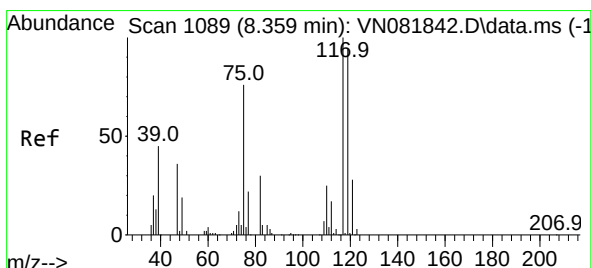
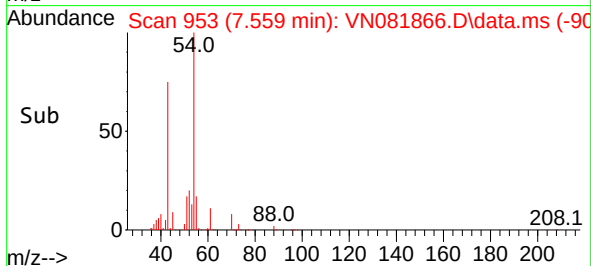
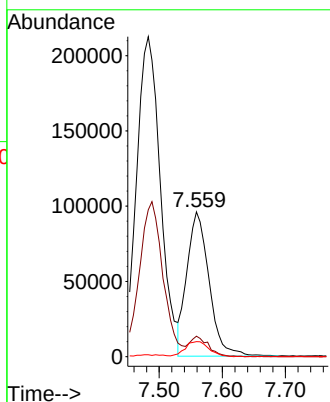
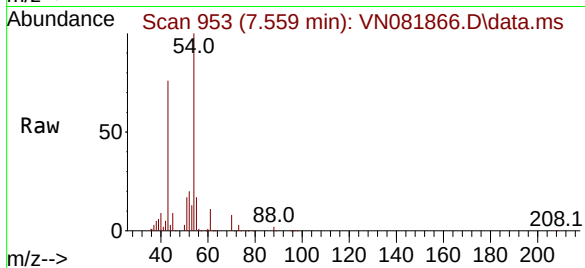
Ion	Ratio	Lower	Upper
43	100		
61	11.9	11.3	16.9
70	11.3	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#38

Carbon Tetrachloride

Concen: 49.077 ug/l

RT: 8.365 min Scan# 1090

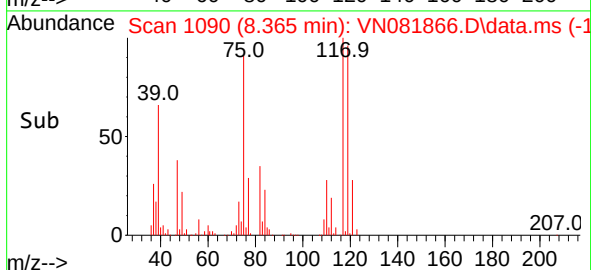
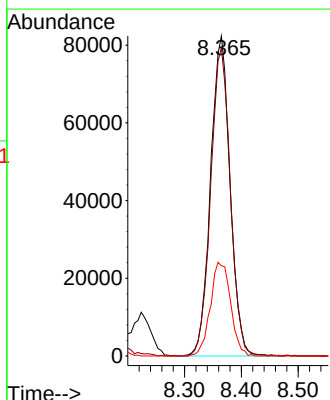
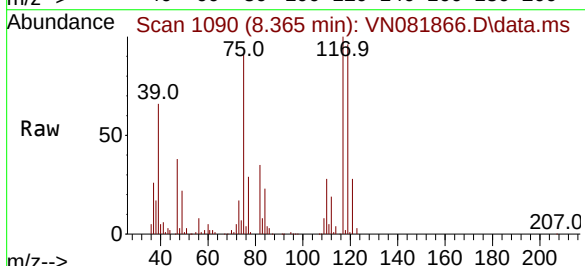
Delta R.T. 0.006 min

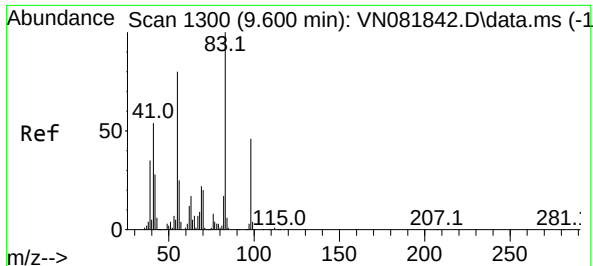
Lab File: VN081866.D

Acq: 25 Apr 2024 21:28

Tgt Ion:117 Resp: 195934

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.5	114.7
121	28.2	23.9	35.9





#39

Methylcyclohexane

Concen: 48.881 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN081866.D

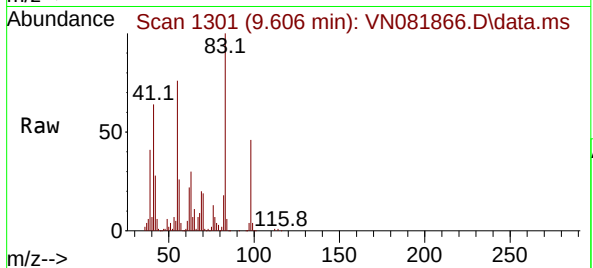
Acq: 25 Apr 2024 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



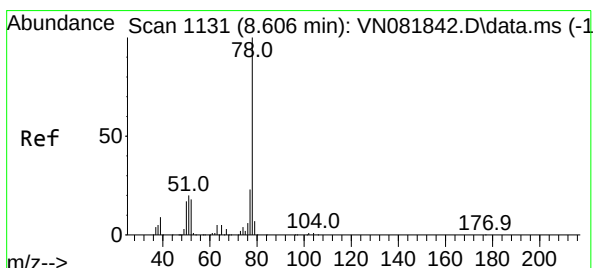
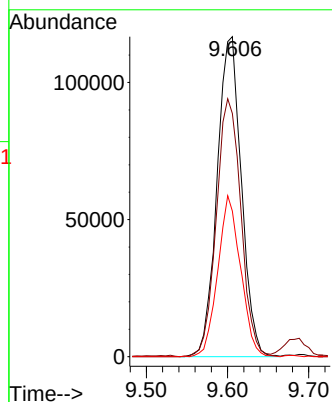
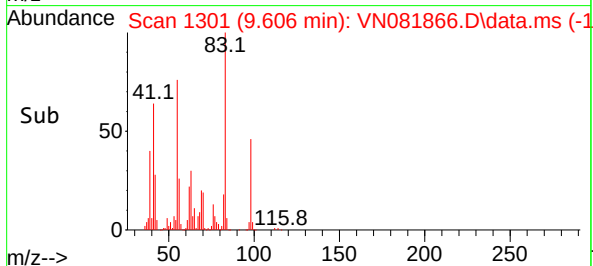
Tgt Ion:	83	Resp:	242494
Ion	Ratio	Lower	Upper
83	100		
55	76.0	53.0	79.6
98	45.5	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#40

Benzene

Concen: 50.831 ug/l

RT: 8.606 min Scan# 1131

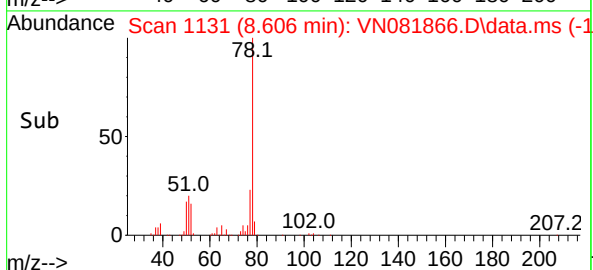
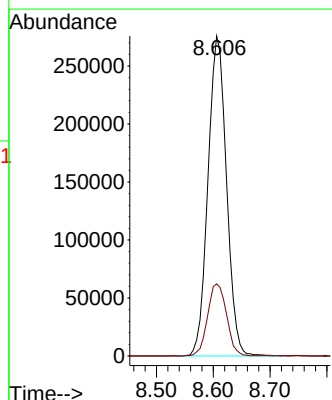
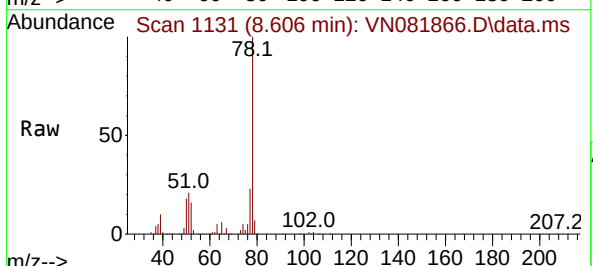
Delta R.T. 0.000 min

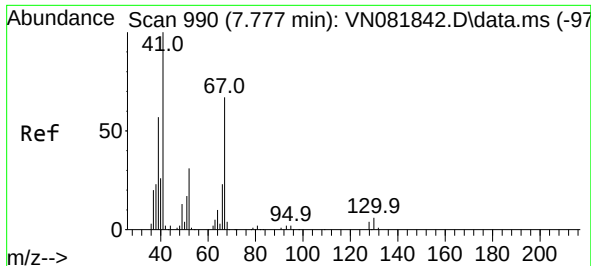
Lab File: VN081866.D

Acq: 25 Apr 2024 21:28

Tgt Ion: 78 Resp: 623307

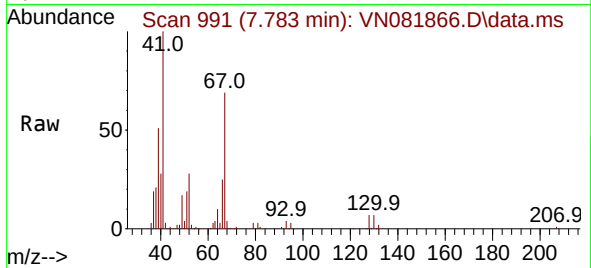
Ion	Ratio	Lower	Upper
78	100		
77	22.6	20.0	30.0





#41
Methacrylonitrile
Concen: 47.698 ug/l
RT: 7.783 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

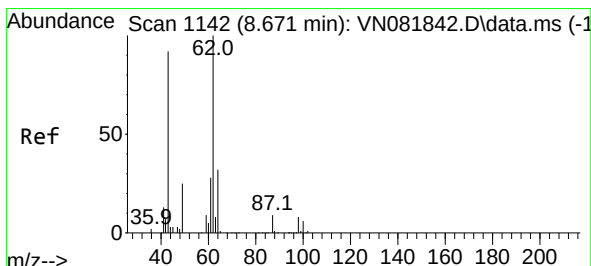
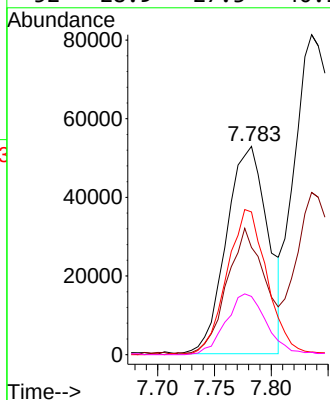
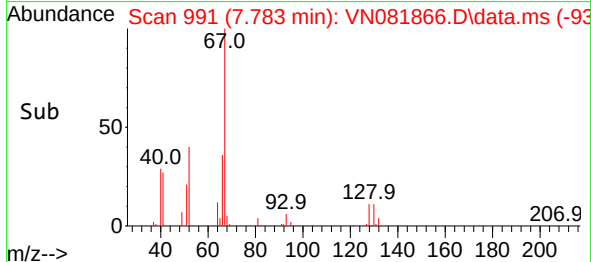
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 134419
Ion Ratio Lower Upper
41 100
39 56.0 46.6 69.8
67 67.8 67.3 100.9
52 28.9 27.3 40.9

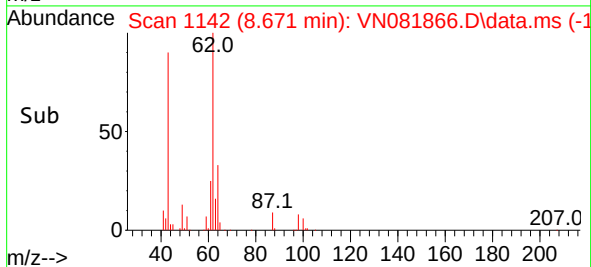
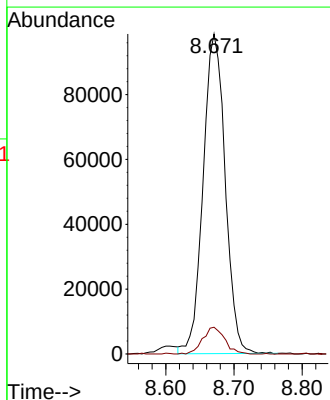
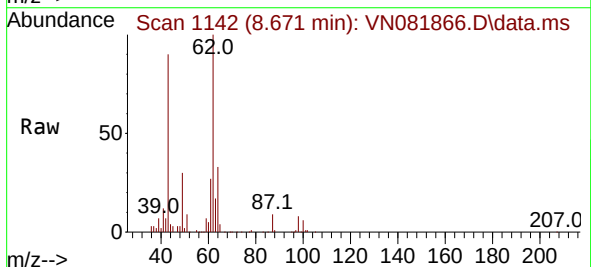
Manual Integrations
APPROVED

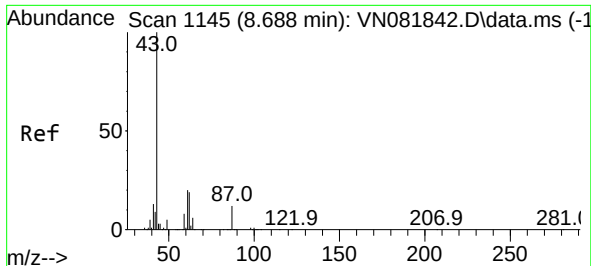
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#42
1,2-Dichloroethane
Concen: 48.765 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

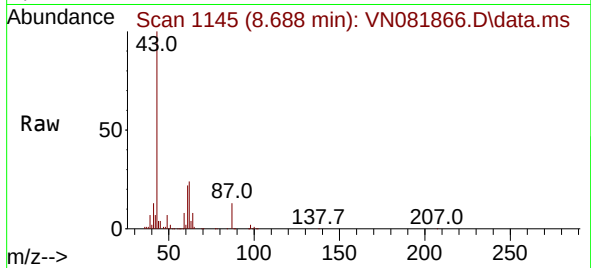
Tgt Ion: 62 Resp: 222050
Ion Ratio Lower Upper
62 100
98 8.3 0.0 19.6





#43
Isopropyl Acetate
Concen: 52.451 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

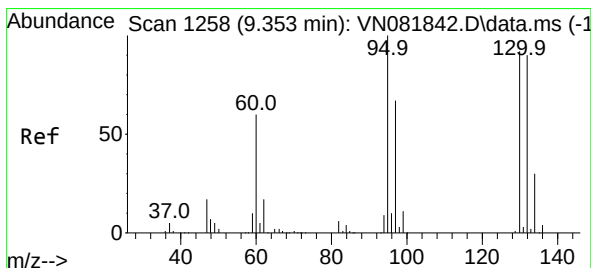
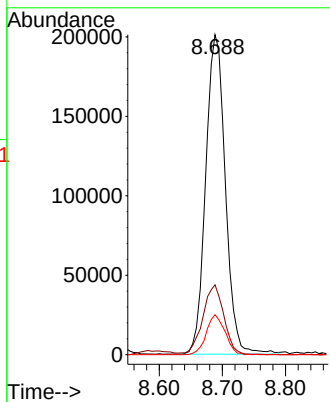
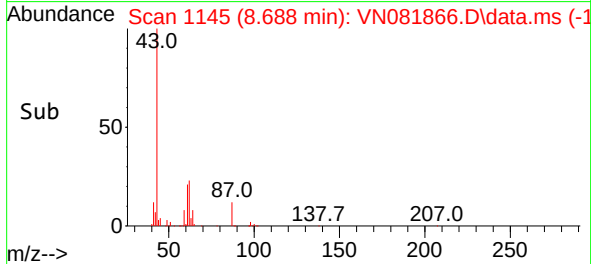
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 435572
Ion Ratio Lower Upper
43 100
61 23.5 22.8 34.2
87 11.9 12.0 18.0

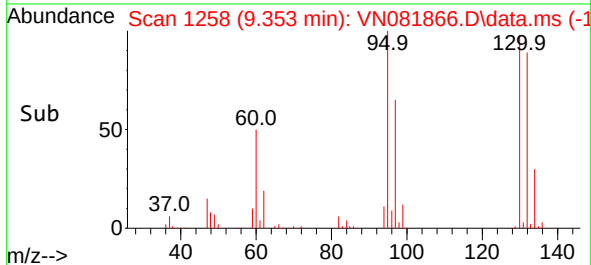
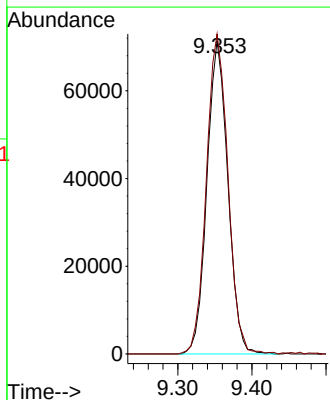
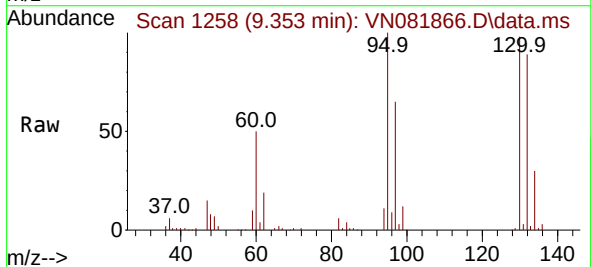
Manual Integrations
APPROVED

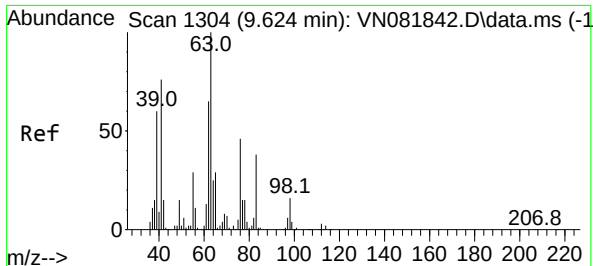
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#44
Trichloroethene
Concen: 49.449 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

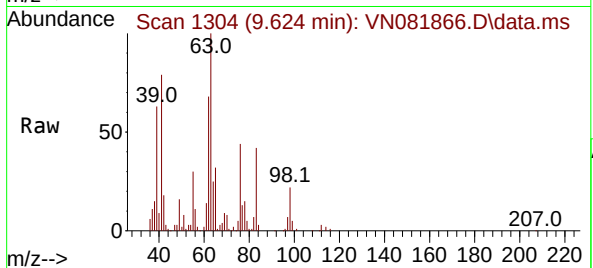
Tgt Ion:130 Resp: 139802
Ion Ratio Lower Upper
130 100
95 102.2 0.0 195.4





#45
1,2-Dichloropropane
Concen: 50.965 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

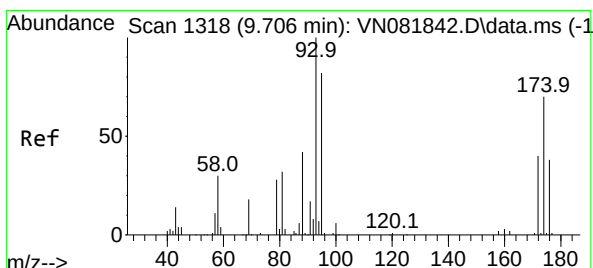
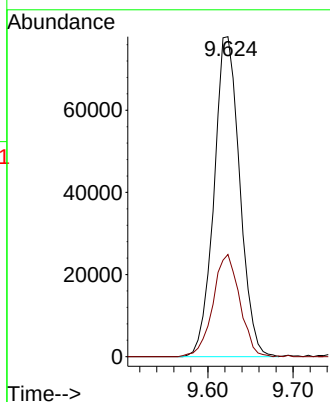
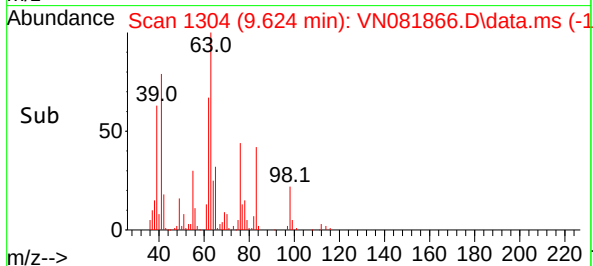
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



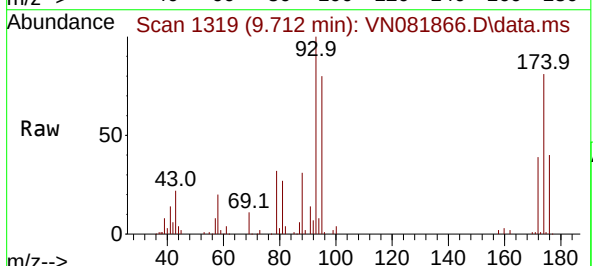
Tgt Ion: 63 Resp: 163550
Ion Ratio Lower Upper
63 100
65 31.9 24.1 36.1

Manual Integrations
APPROVED

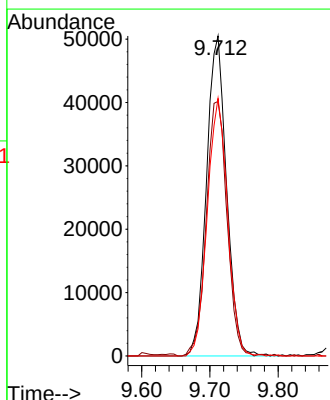
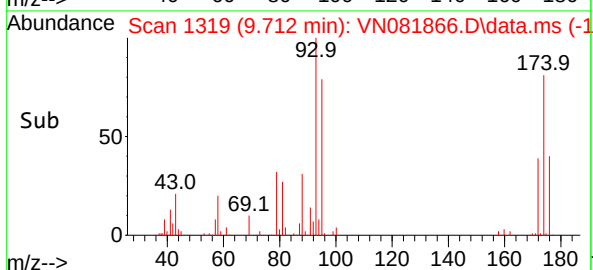
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

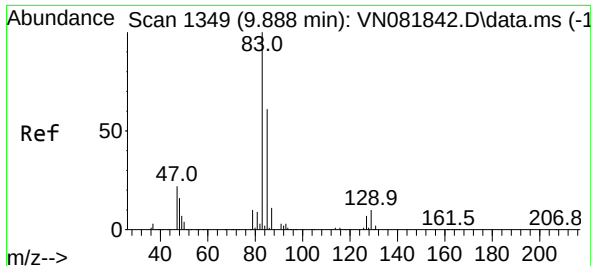


#46
Dibromomethane
Concen: 46.567 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28



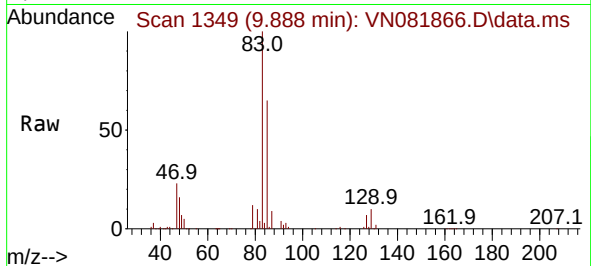
Tgt Ion: 93 Resp: 103291
Ion Ratio Lower Upper
93 100
95 81.9 64.8 97.2
174 81.6 73.4 110.0





#47
Bromodichloromethane
Concen: 48.090 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

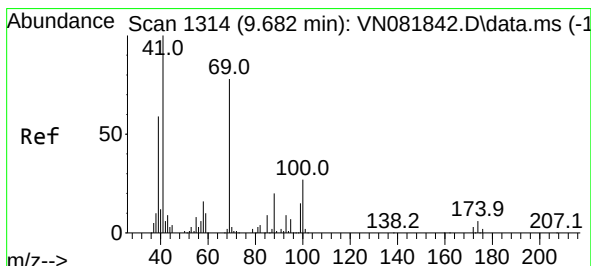
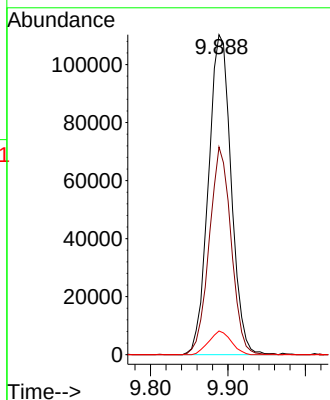
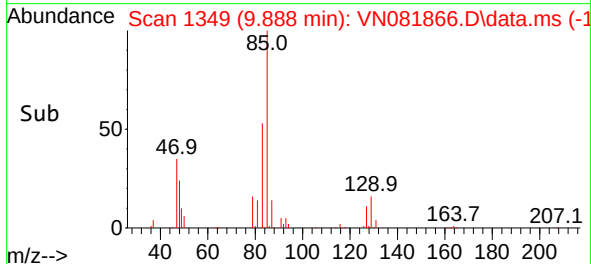
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



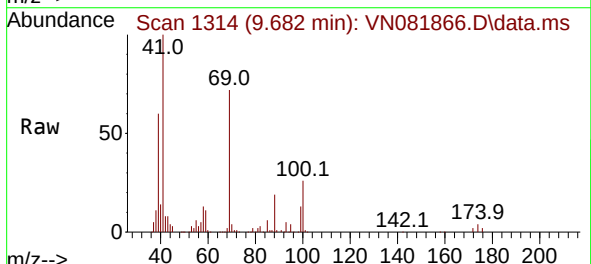
Tgt Ion: 83 Resp: 224962
Ion Ratio Lower Upper
83 100
85 64.9 51.9 77.9
127 7.4 7.5 11.3

Manual Integrations
APPROVED

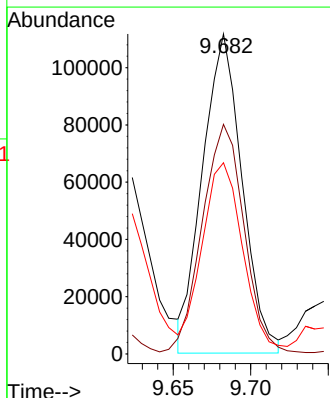
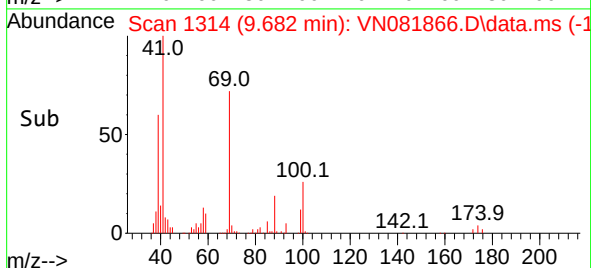
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

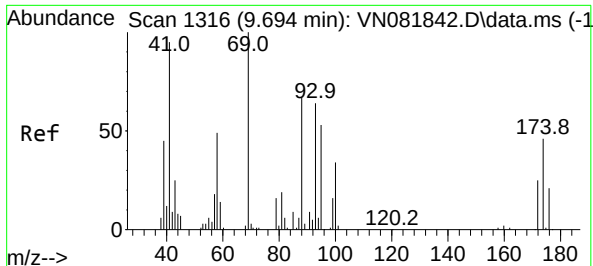


#48
Methyl methacrylate
Concen: 49.893 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28



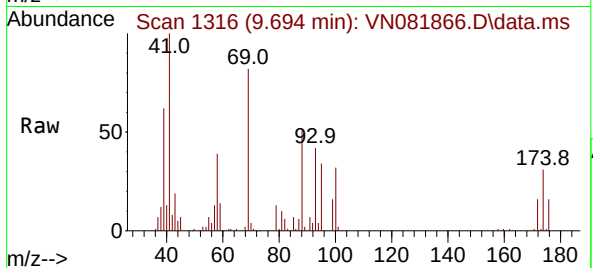
Tgt Ion: 41 Resp: 197797
Ion Ratio Lower Upper
41 100
69 75.7 77.9 116.9#
39 62.4 50.9 76.3





#49
1,4-Dioxane
Concen: 1077.466 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

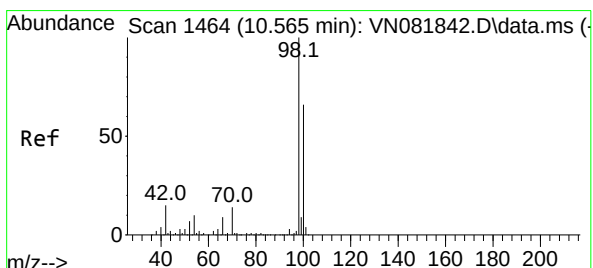
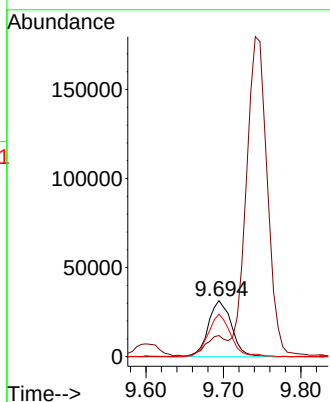
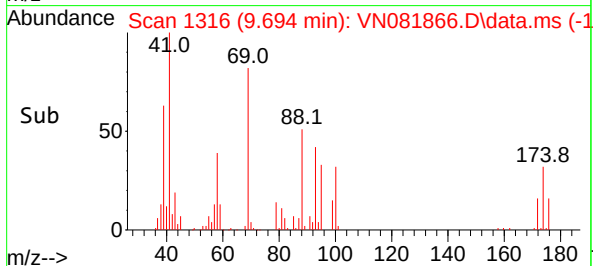
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 64923
Ion Ratio Lower Upper
88 100
43 33.8 19.0 28.6
58 74.9 50.6 76.0

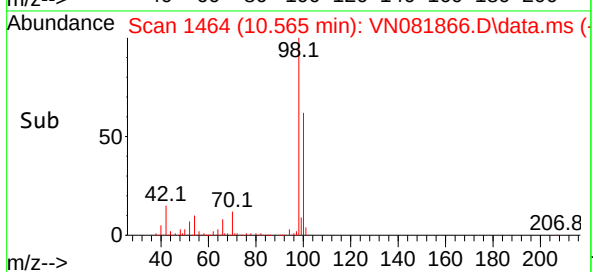
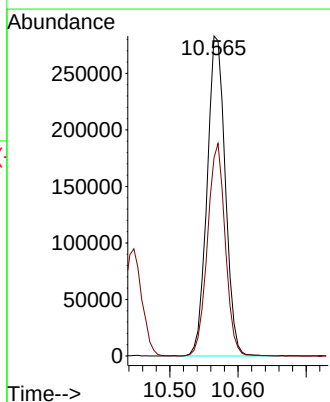
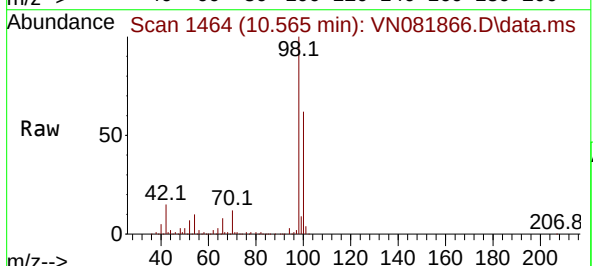
Manual Integrations
APPROVED

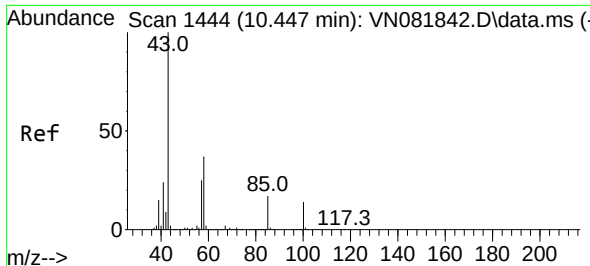
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#50
Toluene-d8
Concen: 53.181 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

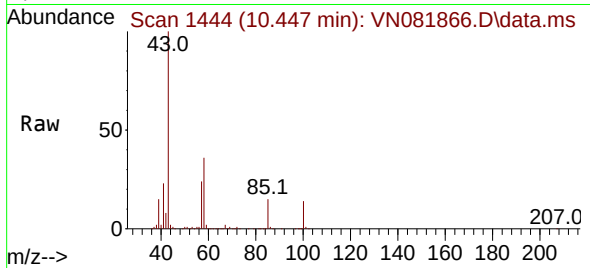
Tgt Ion: 98 Resp: 524430
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 262.536 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

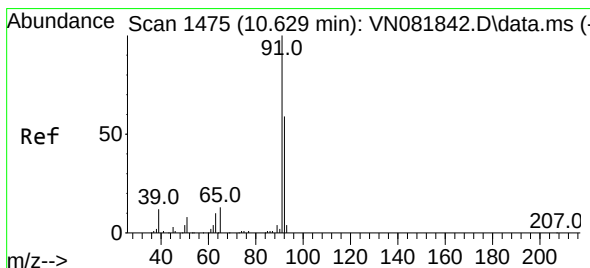
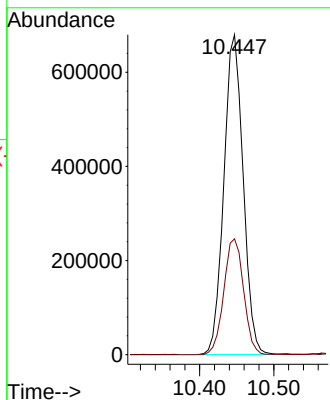
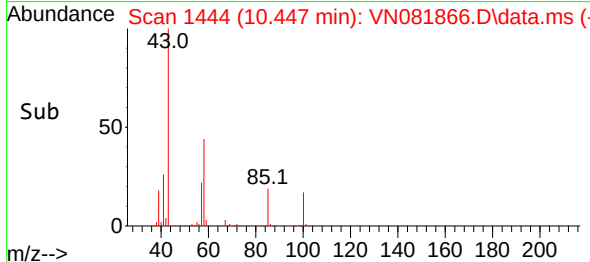
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



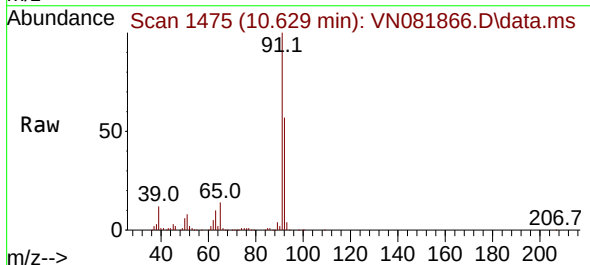
Tgt Ion: 43 Resp: 1227336
Ion Ratio Lower Upper
43 100
58 37.3 33.2 49.8

Manual Integrations
APPROVED

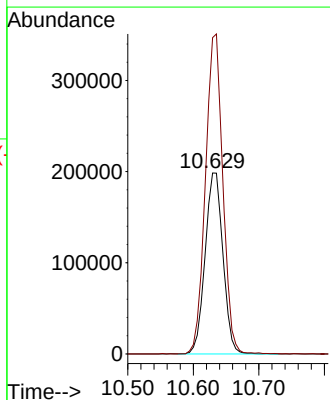
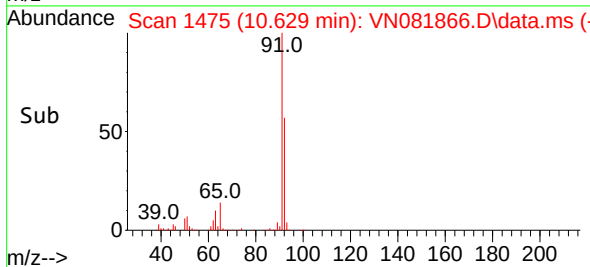
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

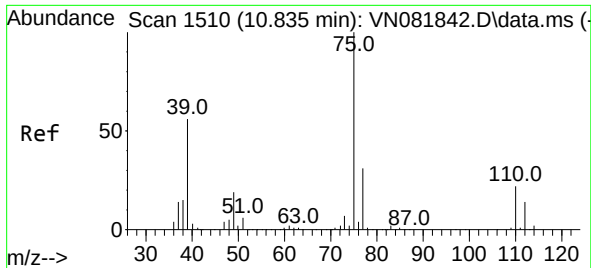


#52
Toluene
Concen: 51.178 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28



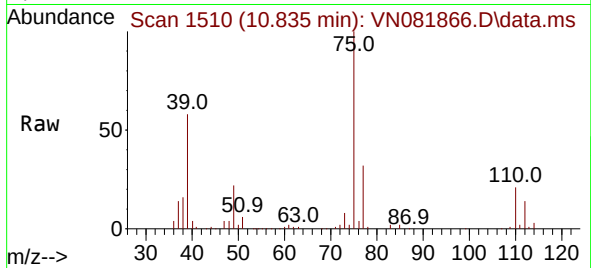
Tgt Ion: 92 Resp: 375823
Ion Ratio Lower Upper
92 100
91 172.6 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 49.132 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

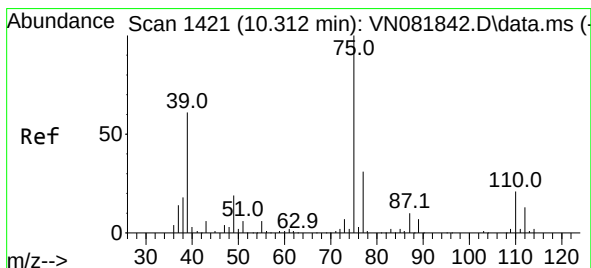
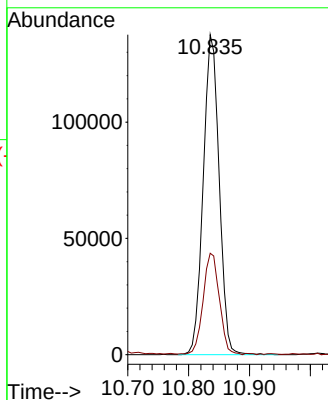
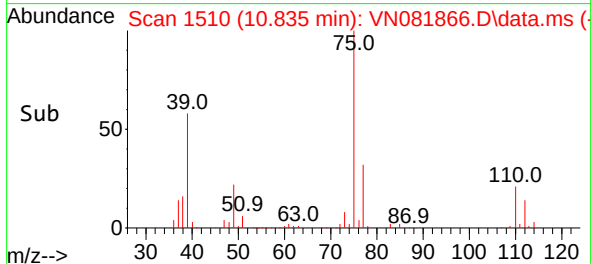
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



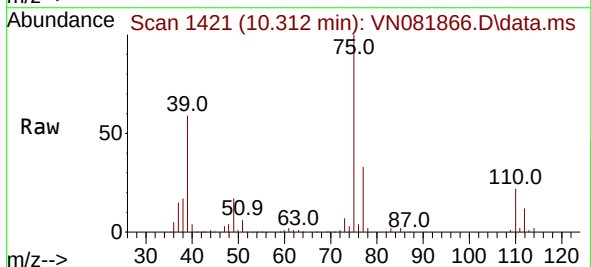
Tgt Ion: 75 Resp: 250084
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

Manual Integrations
APPROVED

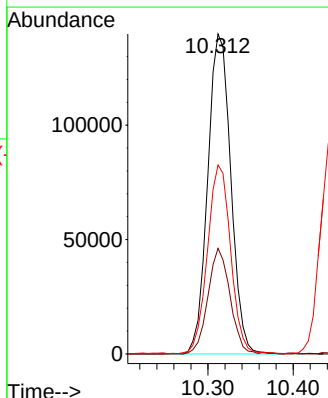
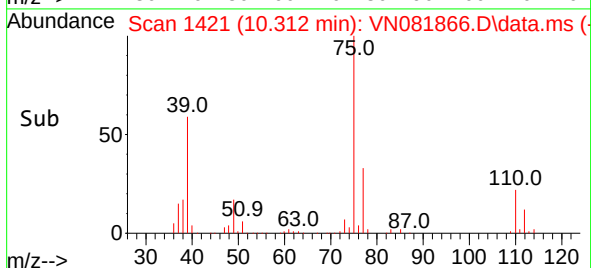
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

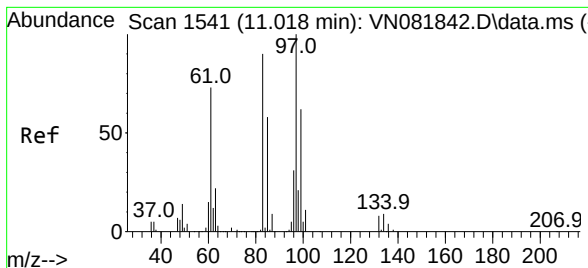


#54
cis-1,3-Dichloropropene
Concen: 50.239 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28



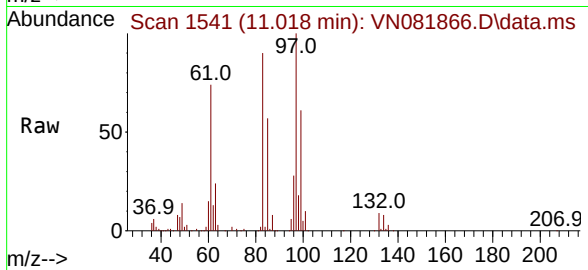
Tgt Ion: 75 Resp: 263551
Ion Ratio Lower Upper
75 100
77 32.8 25.0 37.4
39 58.9 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 48.269 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

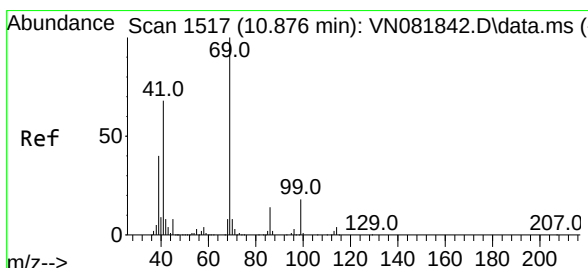
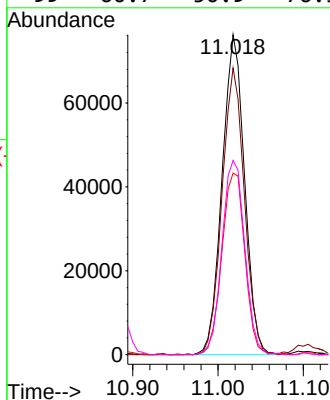
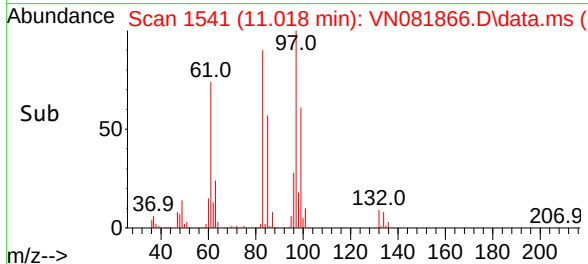
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



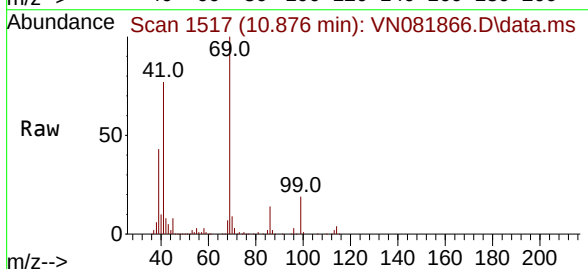
Tgt Ion:	97	Resp:	13940
Ion Ratio	100	Lower	Upper
97	100		
83	89.6	70.4	105.6
85	56.7	45.6	68.4
99	60.7	50.9	76.3

Manual Integrations
APPROVED

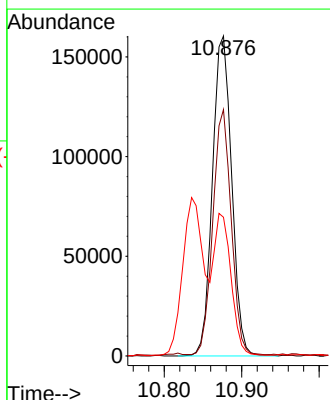
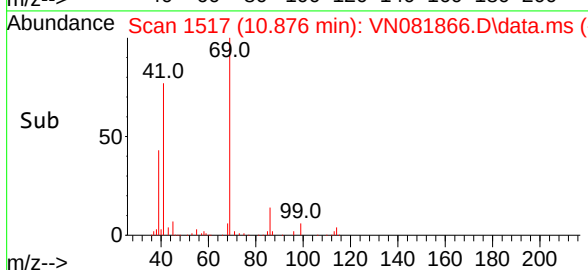
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

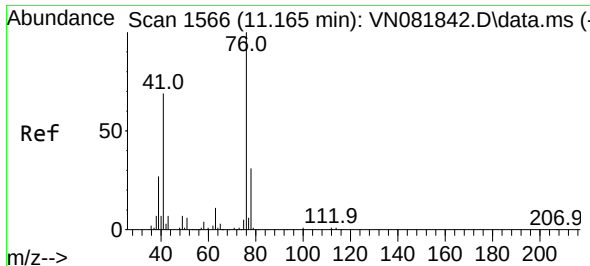


#56
Ethyl methacrylate
Concen: 50.331 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28



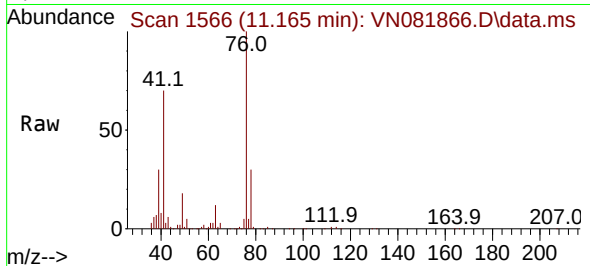
Tgt Ion:	69	Resp:	276789
Ion Ratio	100	Lower	Upper
69	100		
41	73.2	46.6	70.0#
39	38.6	26.5	39.7





#57
1,3-Dichloropropane
Concen: 50.386 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

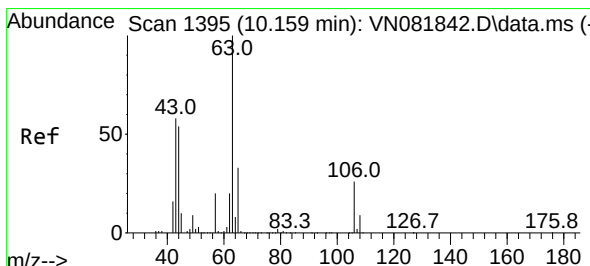
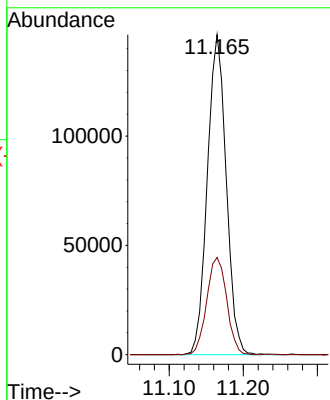
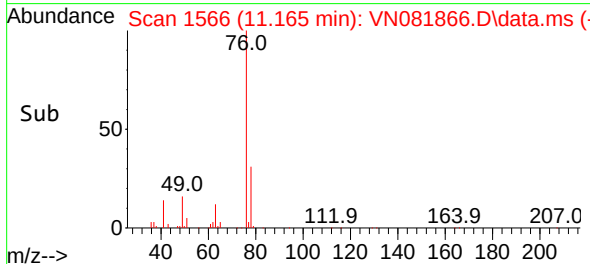
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 258709
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.6

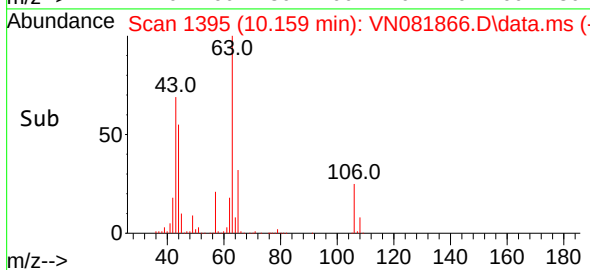
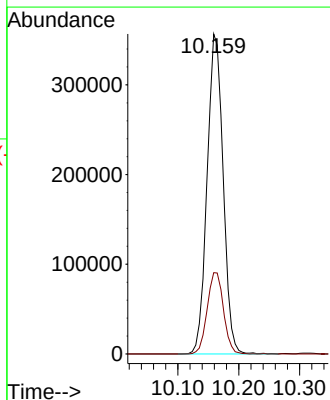
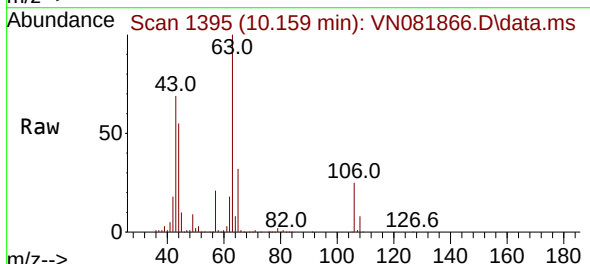
Manual Integrations
APPROVED

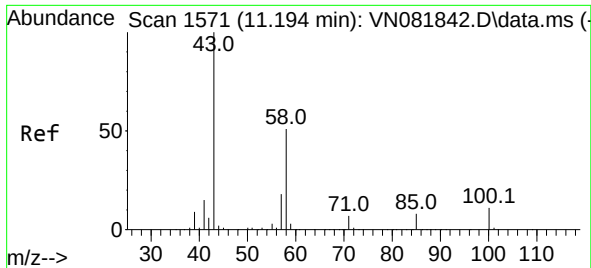
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#58
2-Chloroethyl Vinyl ether
Concen: 260.495 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

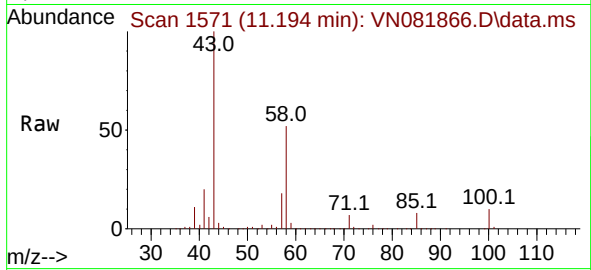
Tgt Ion: 63 Resp: 652607
Ion Ratio Lower Upper
63 100
106 25.8 24.6 36.8





#59
2-Hexanone
Concen: 266.096 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

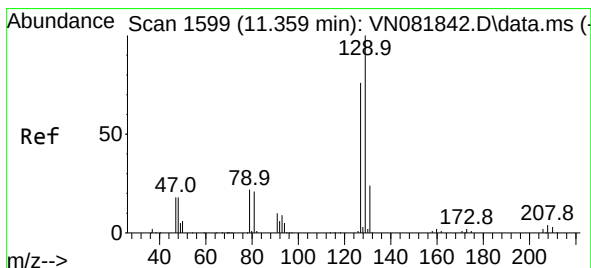
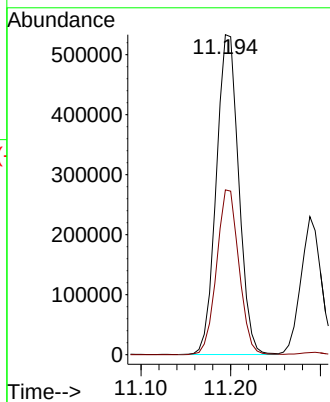
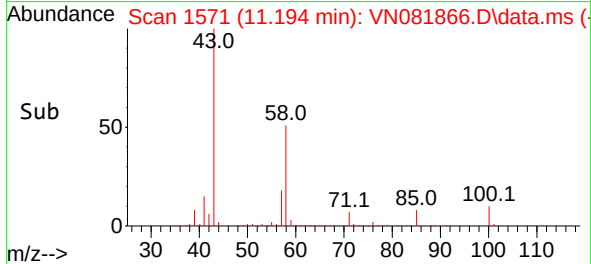
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 925772
Ion Ratio Lower Upper
43 100
58 51.3 28.3 84.9

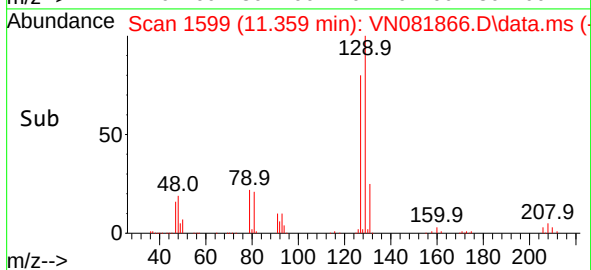
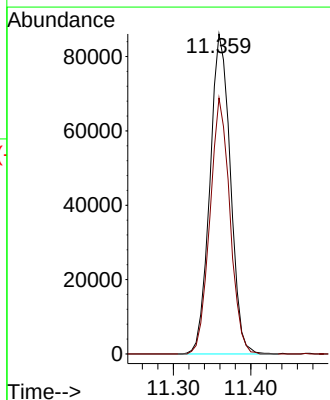
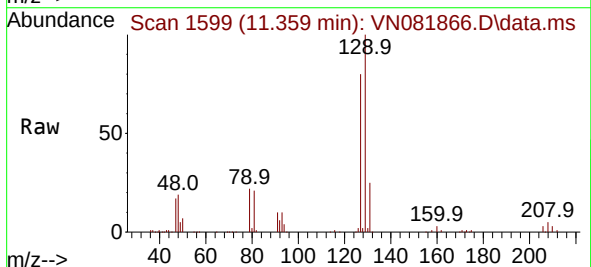
Manual Integrations
APPROVED

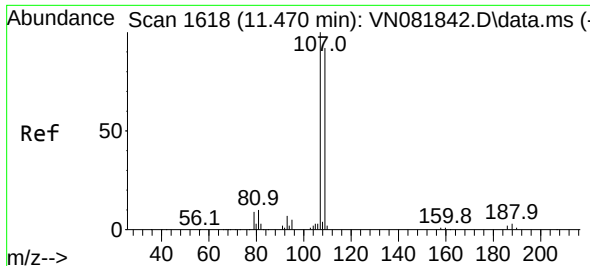
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#60
Dibromochloromethane
Concen: 51.688 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

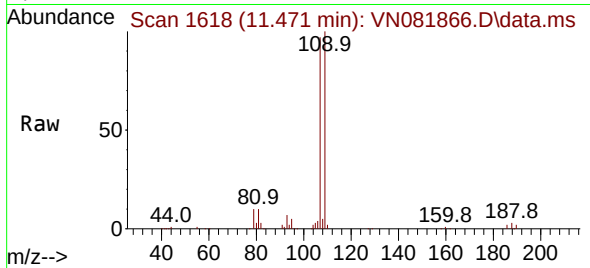
Tgt Ion:129 Resp: 158109
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.8





#61
1,2-Dibromoethane
Concen: 51.358 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

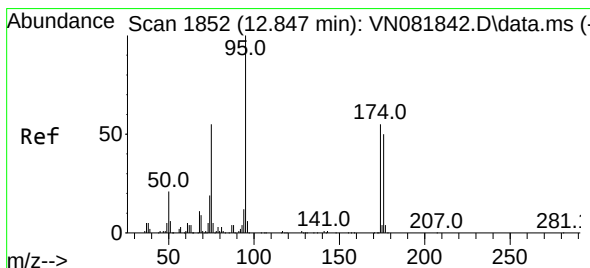
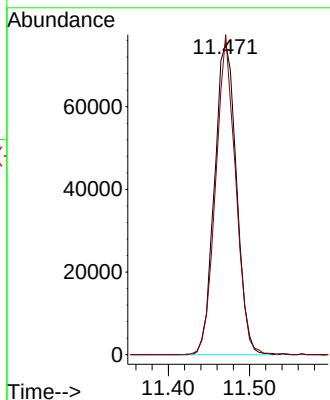
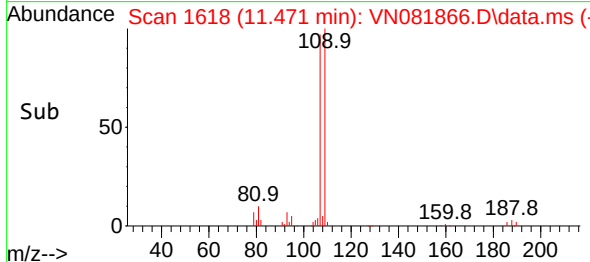
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



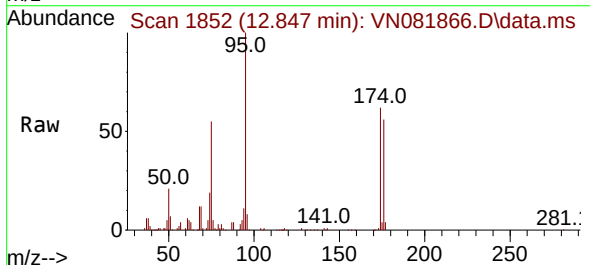
Tgt Ion: 107 Resp: 14184
Ion Ratio Lower Upper
107 100
109 93.2 75.8 113.6

Manual Integrations
APPROVED

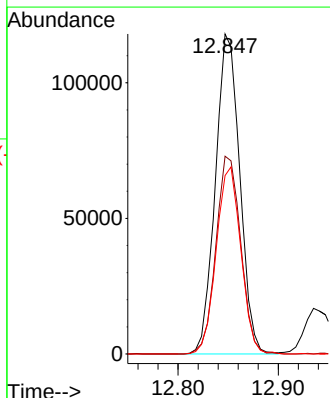
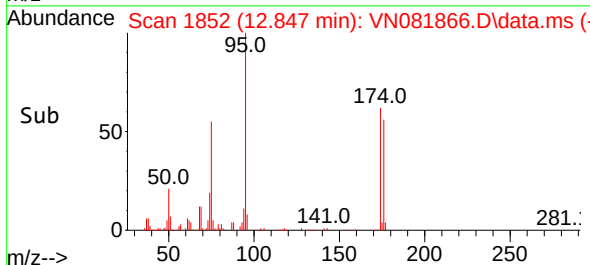
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

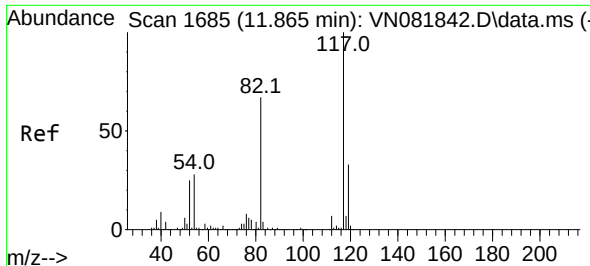


#62
4-Bromofluorobenzene
Concen: 51.231 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28



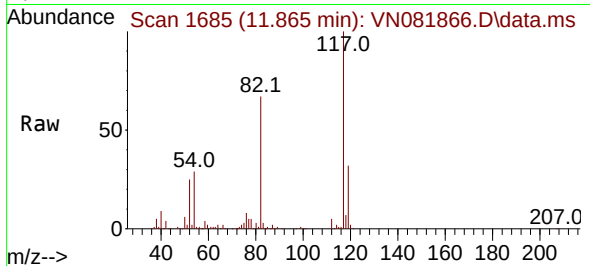
Tgt Ion: 95 Resp: 199709
Ion Ratio Lower Upper
95 100
174 62.7 0.0 160.6
176 58.9 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

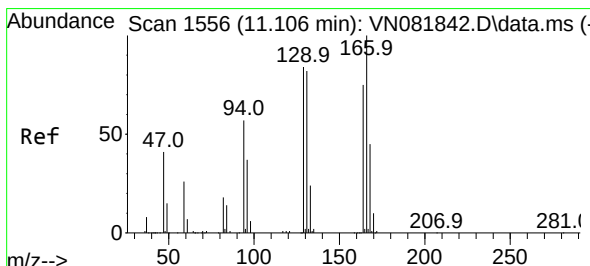
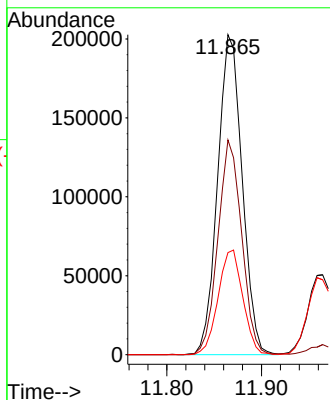
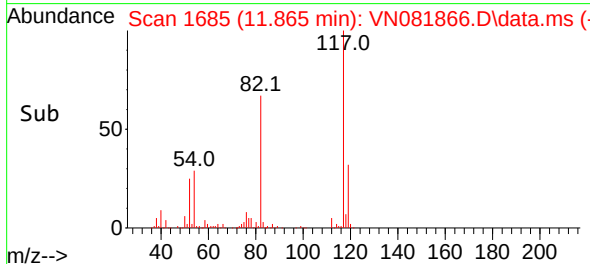
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 365254
Ion Ratio Lower Upper
117 100
82 67.1 44.6 66.8
119 31.9 25.9 38.9

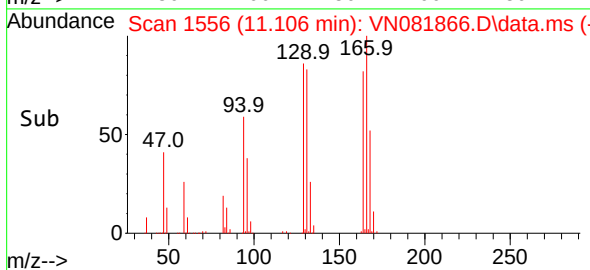
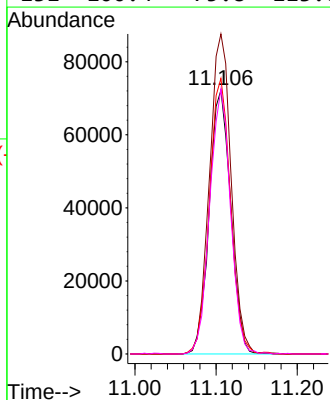
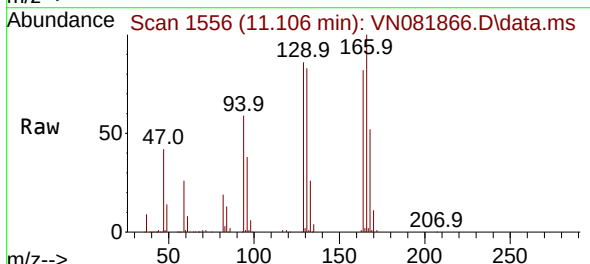
Manual Integrations
APPROVED

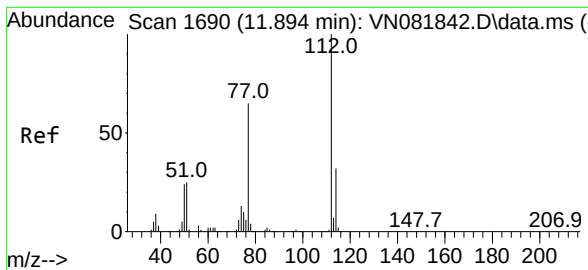
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#64
Tetrachloroethene
Concen: 49.974 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

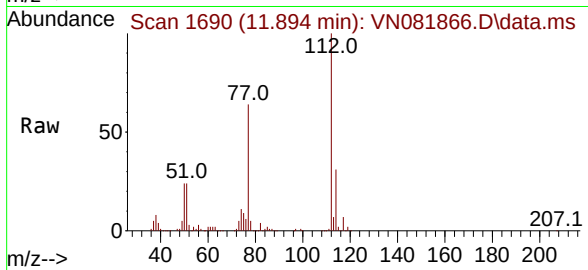
Tgt Ion:164 Resp: 132571
Ion Ratio Lower Upper
164 100
166 121.3 97.6 146.4
129 104.4 73.7 110.5
131 100.4 75.8 113.6





#65
Chlorobenzene
Concen: 50.103 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

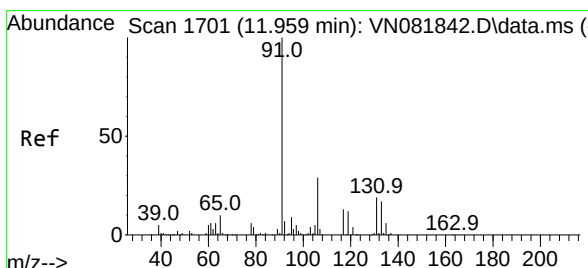
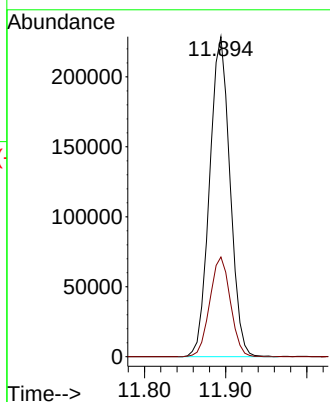
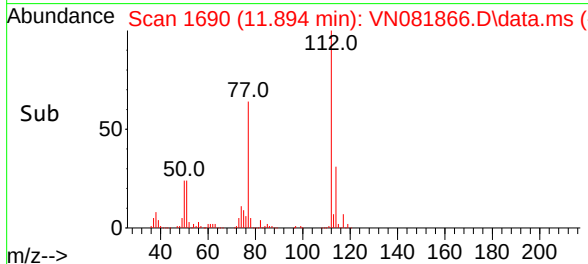
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



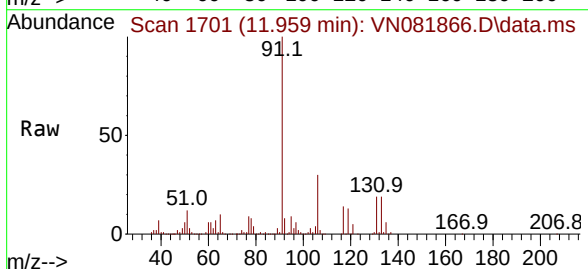
Tgt Ion:112 Resp: 399644
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5

Manual Integrations
APPROVED

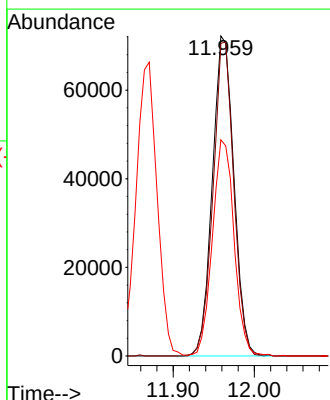
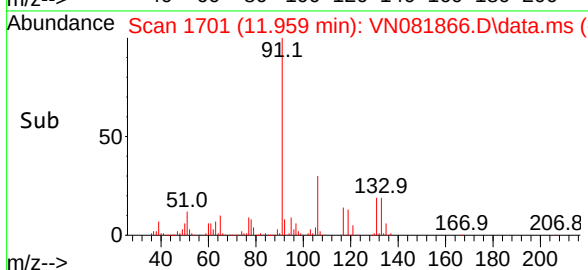
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

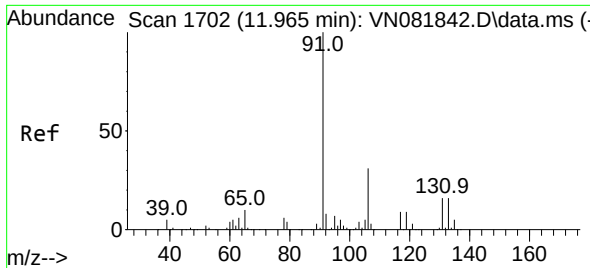


#66
1,1,1,2-Tetrachloroethane
Concen: 51.390 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28



Tgt Ion:131 Resp: 133219
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.6
119 67.9 32.9 98.7





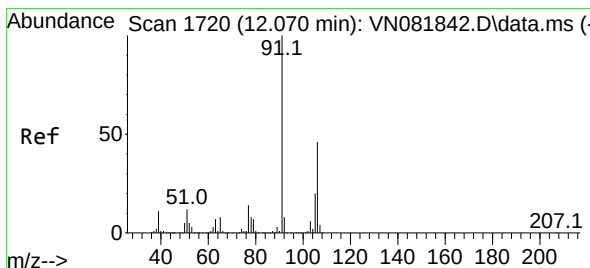
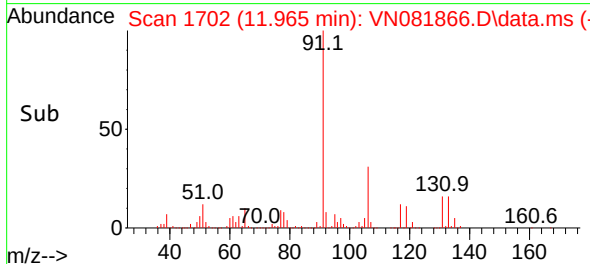
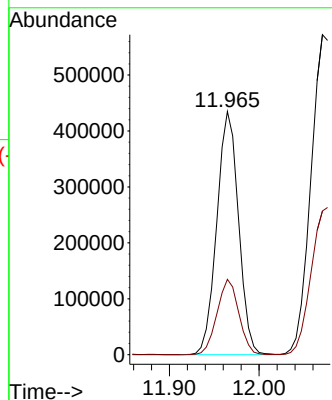
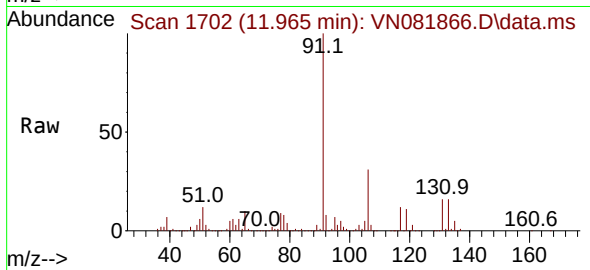
#67
Ethyl Benzene
Concen: 49.276 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 730958
Ion Ratio Lower Upper
91 100
106 31.0 25.3 37.9

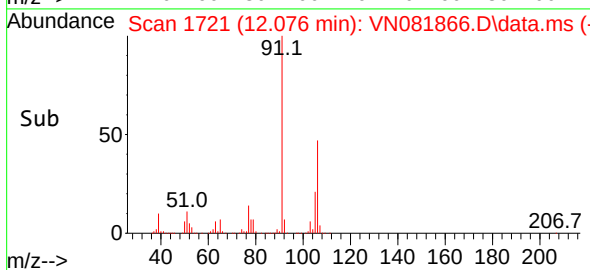
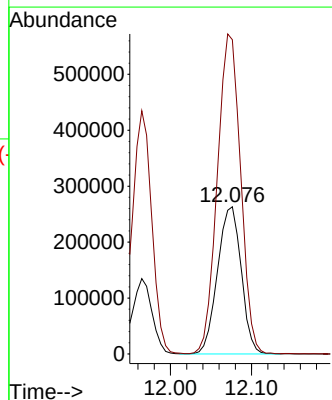
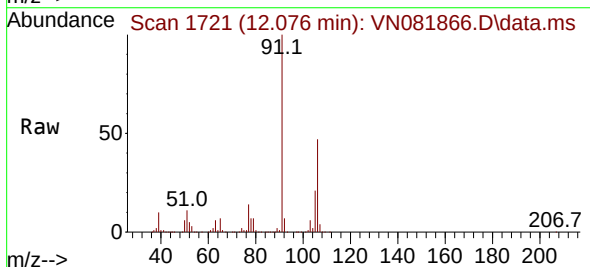
Manual Integrations
APPROVED

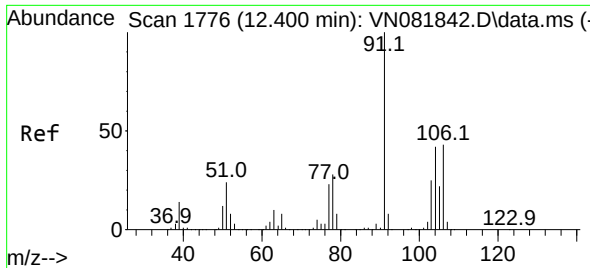
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#68
m/p-Xylenes
Concen: 100.923 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

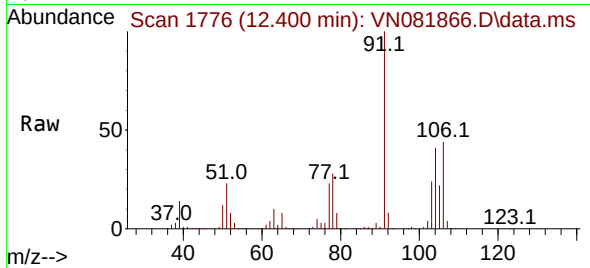
Tgt Ion:106 Resp: 534005
Ion Ratio Lower Upper
106 100
91 213.6 159.4 239.0





#69
o-Xylene
Concen: 50.508 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

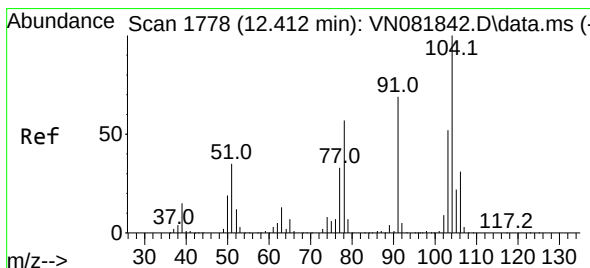
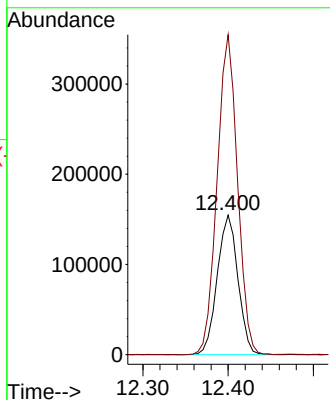
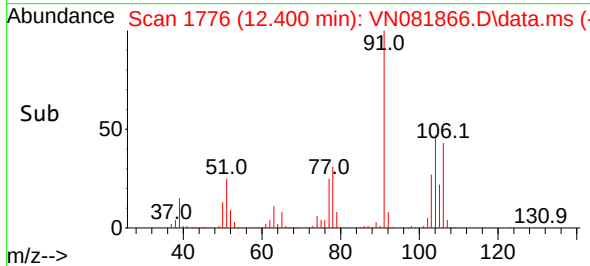
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 260915
Ion Ratio Lower Upper
106 100
91 226.0 104.7 314.1

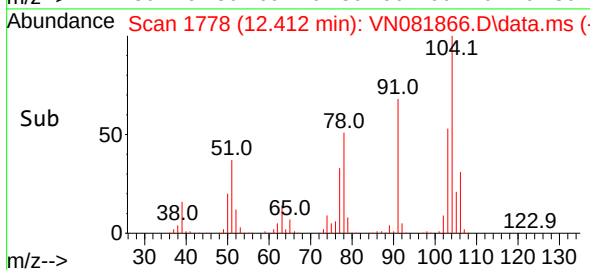
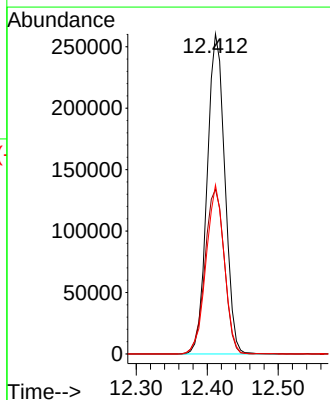
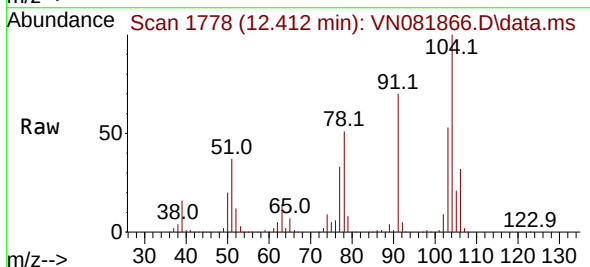
Manual Integrations
APPROVED

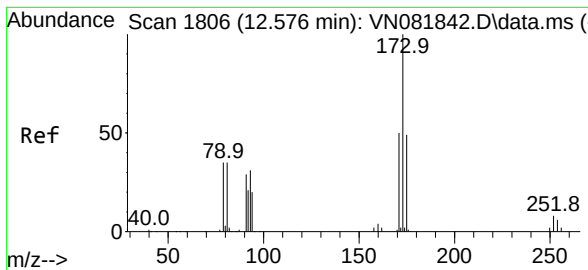
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#70
Styrene
Concen: 50.432 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

Tgt Ion:104 Resp: 450677
Ion Ratio Lower Upper
104 100
78 56.4 38.6 58.0
103 54.2 43.8 65.6





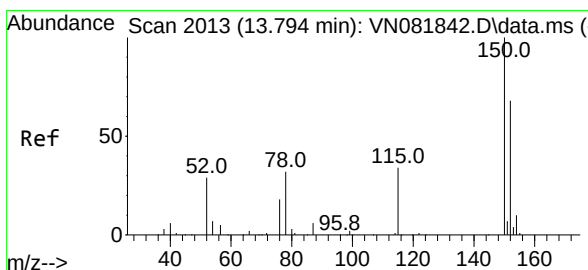
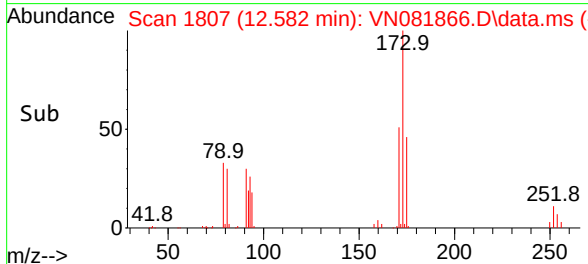
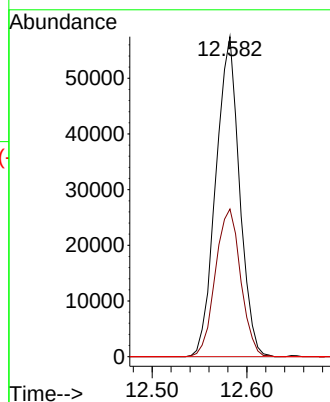
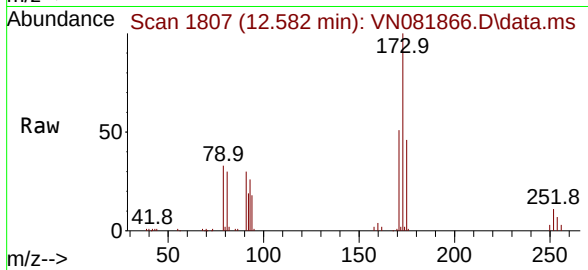
#71
Bromoform
Concen: 49.050 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 9996
Ion Ratio Lower Upper
173 100
175 49.1 24.6 74.0
254 0.0 0.0 0.0

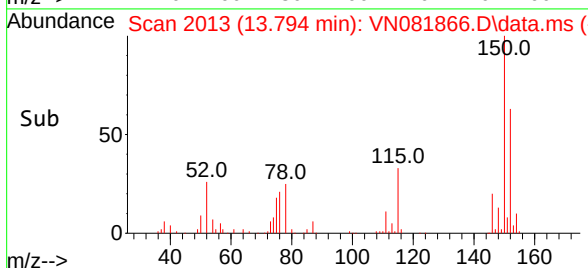
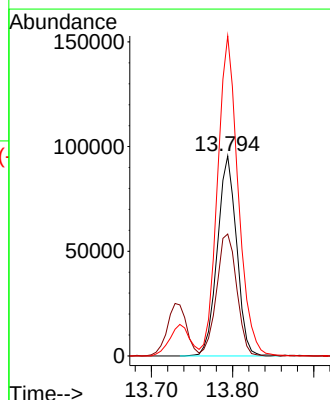
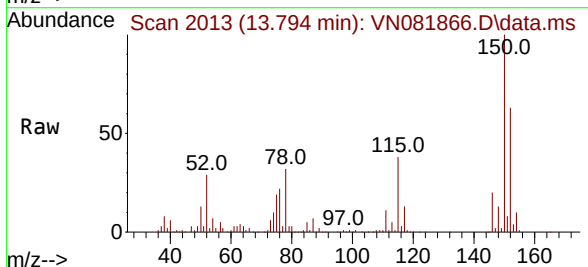
Manual Integrations
APPROVED

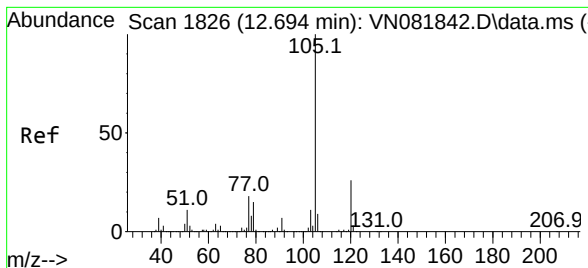
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

Tgt Ion:152 Resp: 157555
Ion Ratio Lower Upper
152 100
115 63.9 30.4 91.3
150 171.4 0.0 353.2





#73

Isopropylbenzene

Concen: 48.820 ug/l

RT: 12.700 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN081866.D

Acq: 25 Apr 2024 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 68387

Ion Ratio Lower Upper

105 100

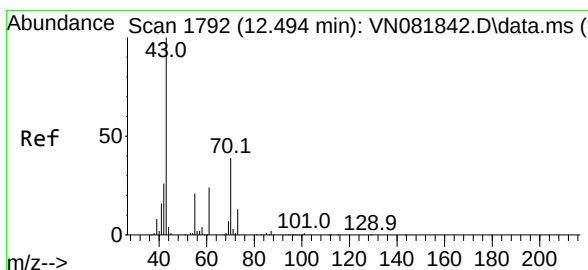
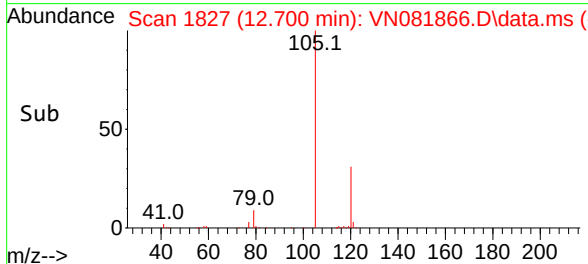
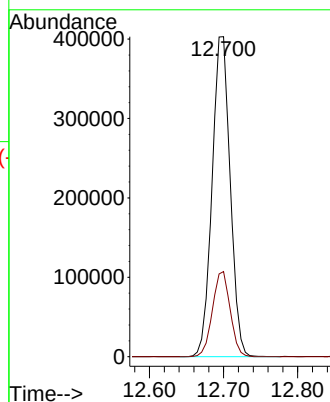
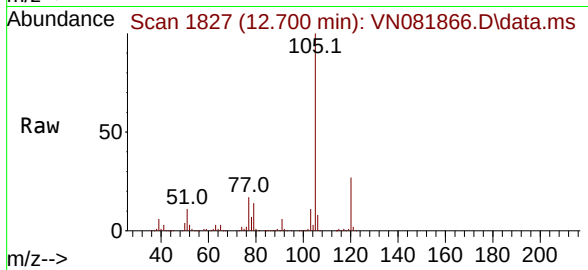
120 26.0 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#74

N-ethyl acetate

Concen: 49.984 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081866.D

Acq: 25 Apr 2024 21:28

Tgt Ion: 43 Resp: 389827

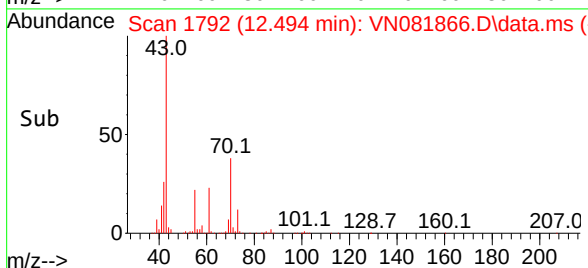
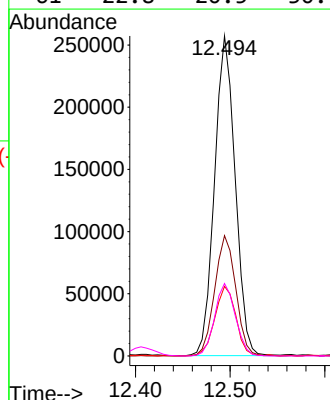
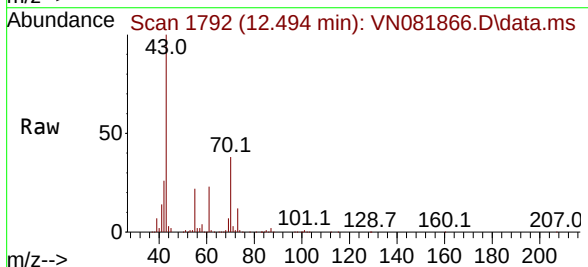
Ion Ratio Lower Upper

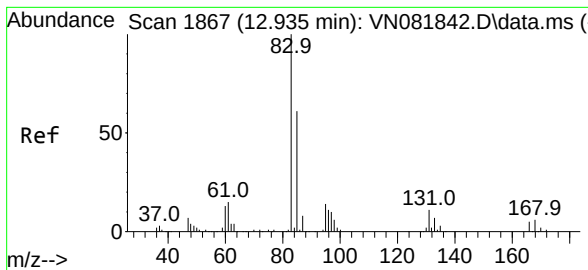
43 100

70 38.6 39.0 58.4

55 22.2 21.3 31.9

61 22.8 20.5 30.7





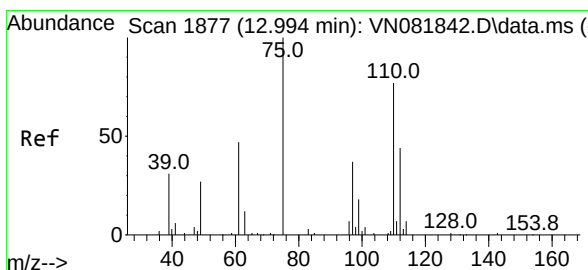
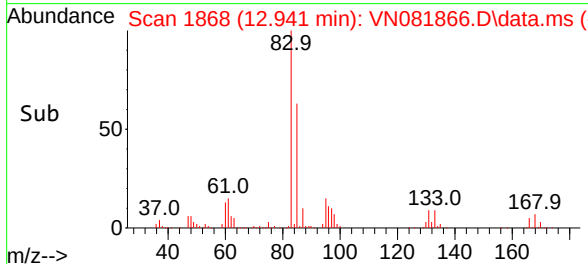
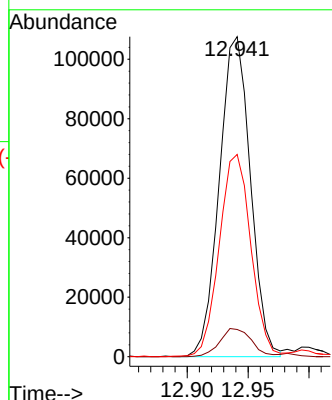
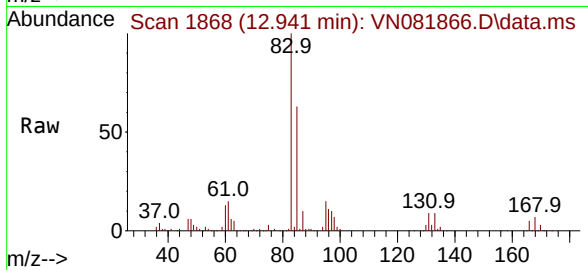
#75
1,1,2,2-Tetrachloroethane
Concen: 45.506 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 191420
Ion Ratio Lower Upper
83 100
131 8.9 5.5 16.4
85 64.1 32.9 98.6

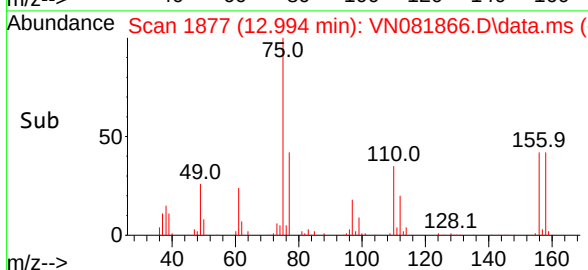
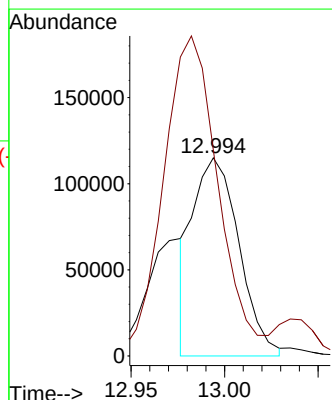
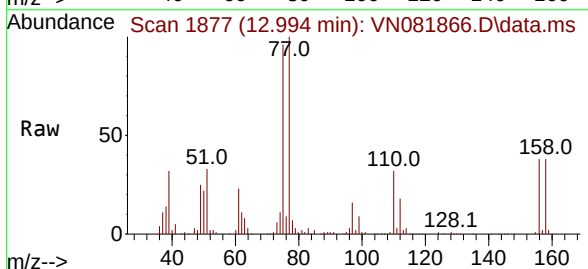
Manual Integrations
APPROVED

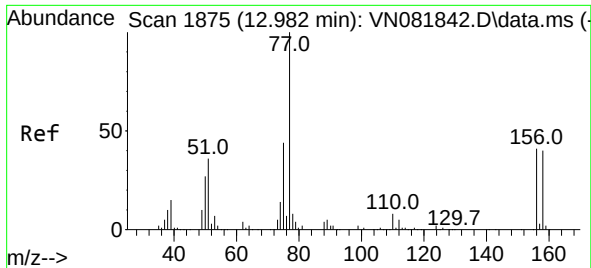
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#76
1,2,3-Trichloropropane
Concen: 48.035 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

Tgt Ion: 75 Resp: 196224
Ion Ratio Lower Upper
75 100
77 193.8 90.5 271.3





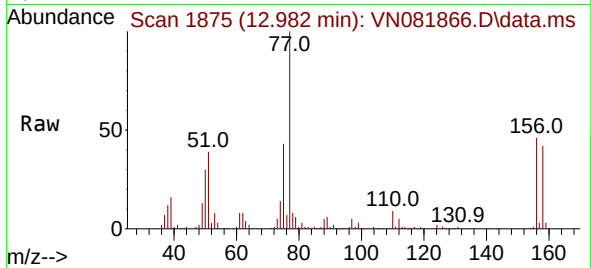
#77
Bromobenzene
Concen: 49.618 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



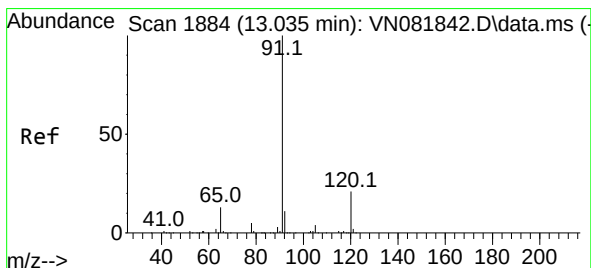
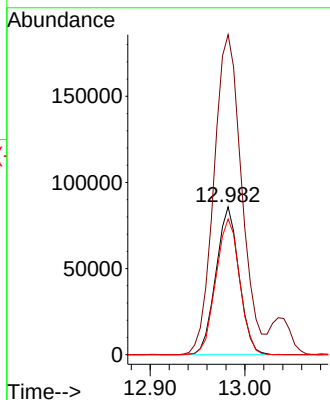
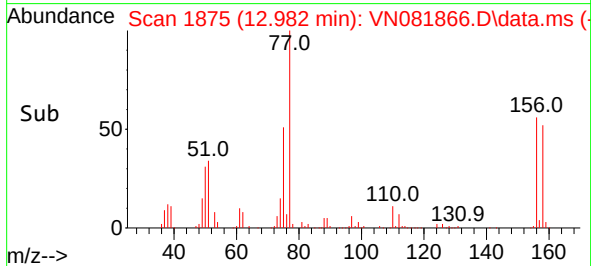
Tgt Ion:156 Resp: 145448
Ion Ratio Lower Upper
156 100
77 261.5 100.2 300.6
158 94.5 49.1 147.3

Manual Integrations

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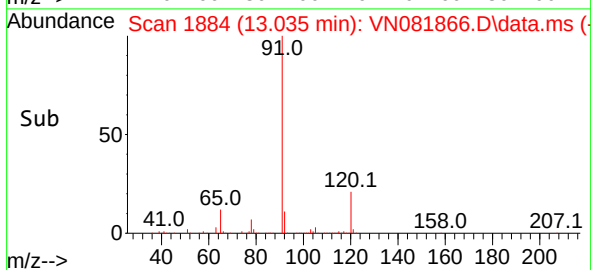
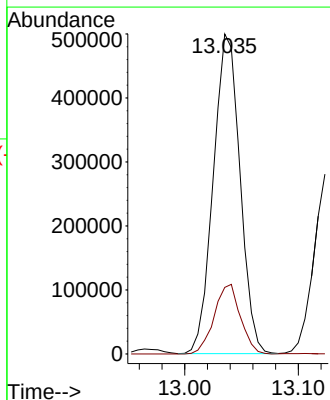
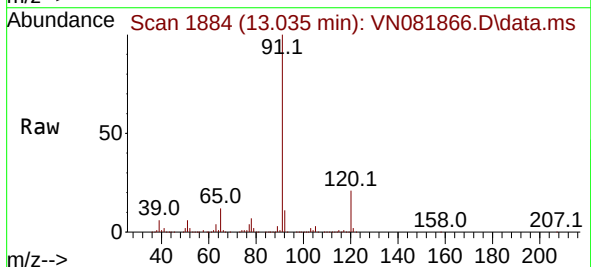
Reviewed By :John Carlone 04/26/2024

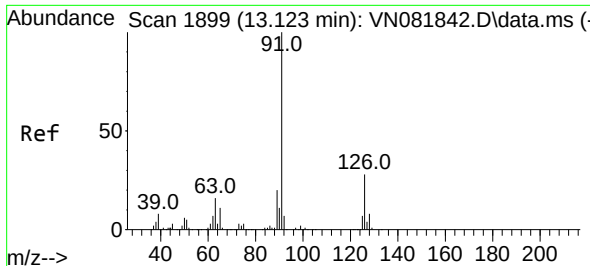
Supervised By :Mahesh Dadoda 04/26/2024



#78
n-propylbenzene
Concen: 47.945 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

Tgt Ion: 91 Resp: 815807
Ion Ratio Lower Upper
91 100
120 21.3 11.7 35.0





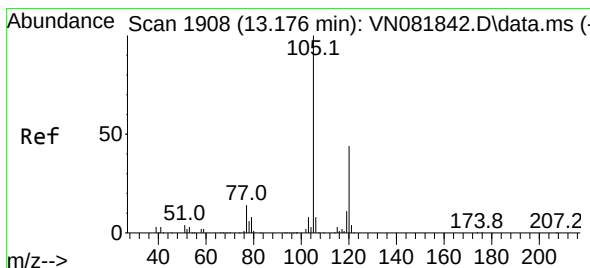
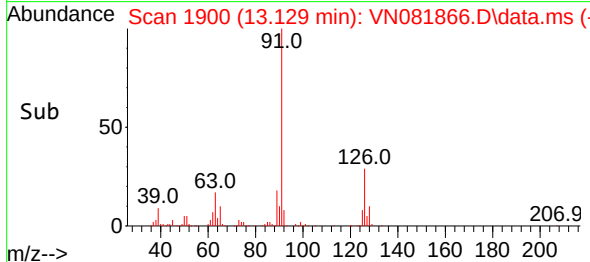
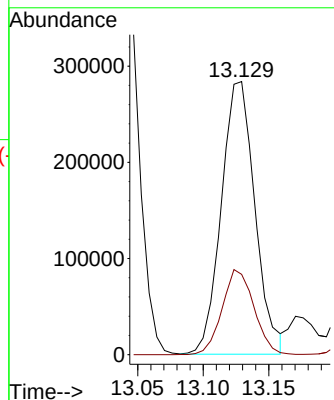
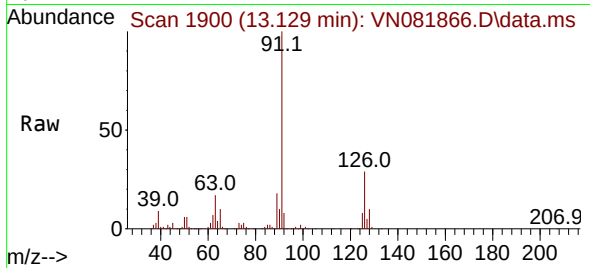
#79
2-Chlorotoluene
Concen: 46.694 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 505499
Ion Ratio Lower Upper
91 100
126 29.6 17.5 52.5

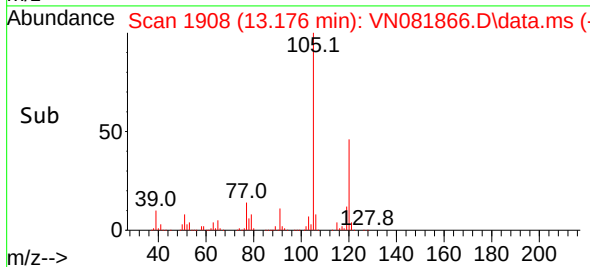
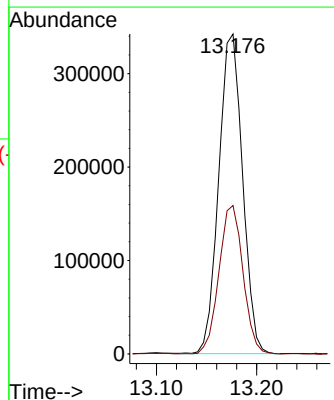
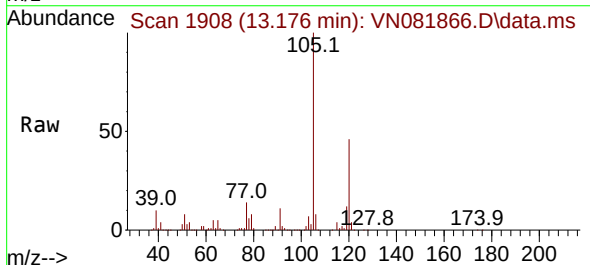
Manual Integrations
APPROVED

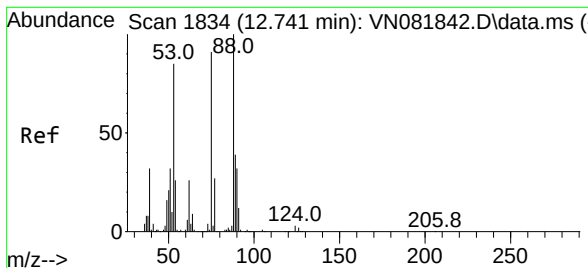
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 47.472 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

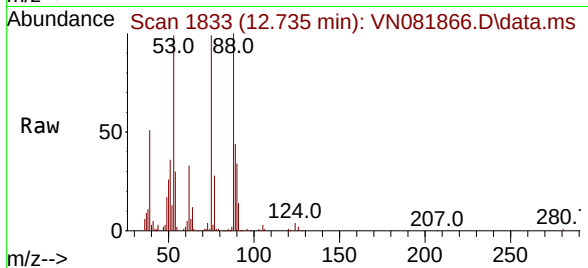
Tgt Ion:105 Resp: 562717
Ion Ratio Lower Upper
105 100
120 47.0 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 45.944 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

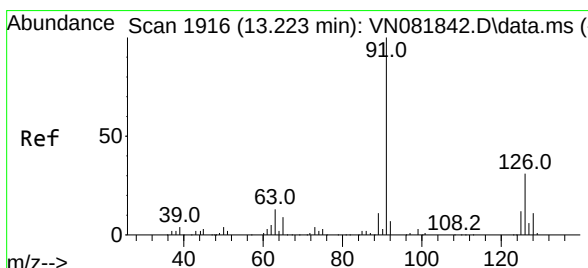
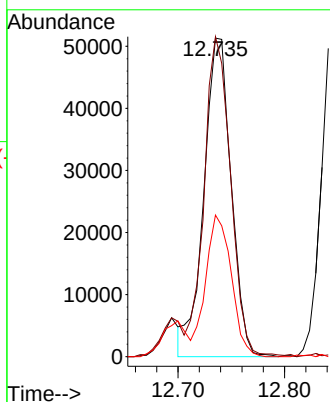
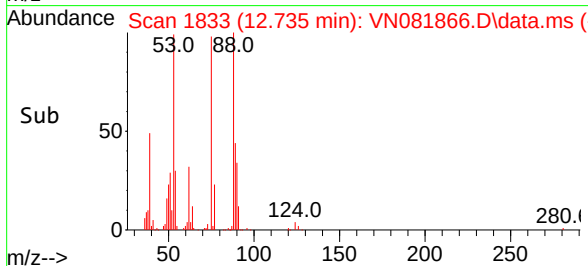
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 91592
Ion Ratio Lower Upper
75 100
53 97.4 72.9 109.3
89 41.5 39.1 58.7

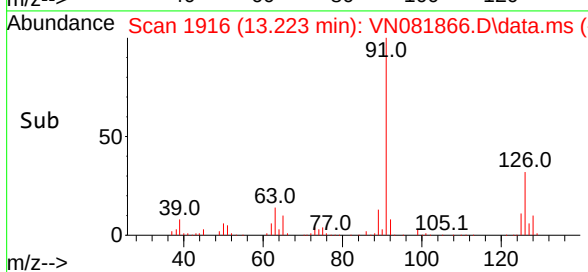
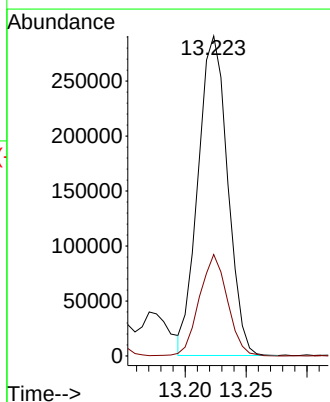
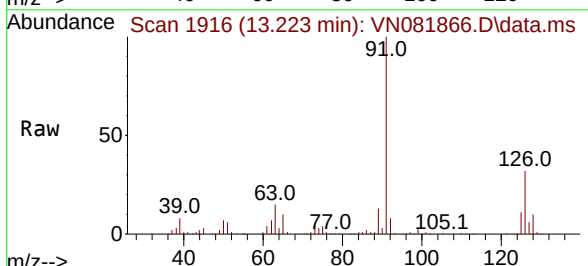
Manual Integrations
APPROVED

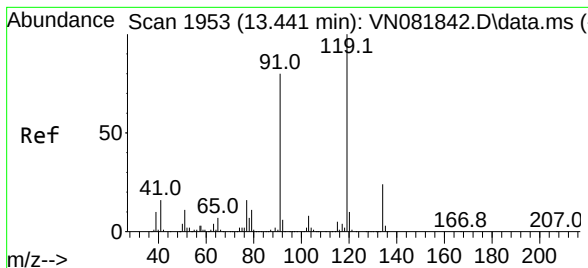
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#82
4-Chlorotoluene
Concen: 46.774 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

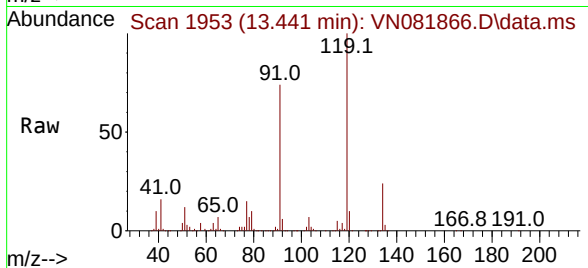
Tgt Ion: 91 Resp: 491599
Ion Ratio Lower Upper
91 100
126 30.2 17.4 52.3





#83
tert-Butylbenzene
Concen: 47.858 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

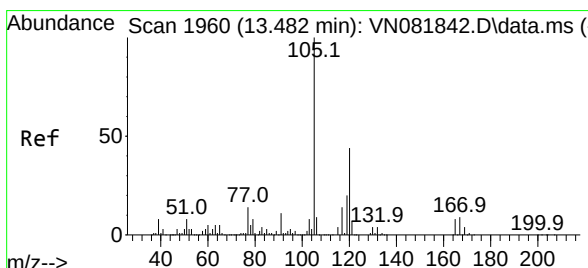
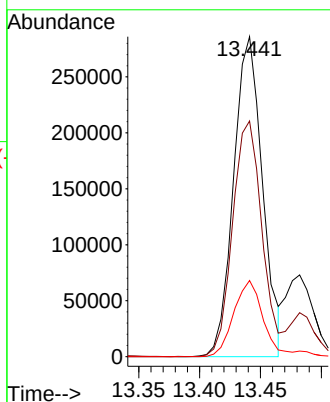
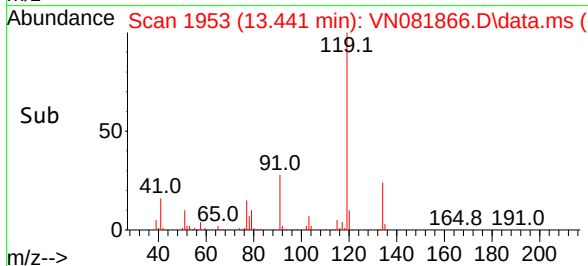
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



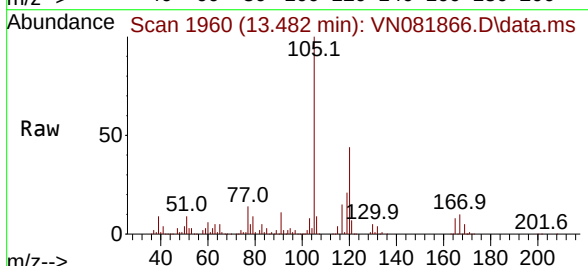
Tgt Ion:119 Resp: 472432
Ion Ratio Lower Upper
119 100
91 76.1 32.6 97.8
134 25.1 12.4 37.0

Manual Integrations
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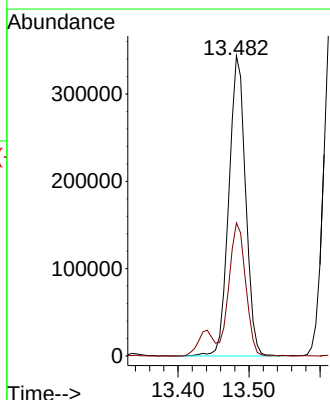
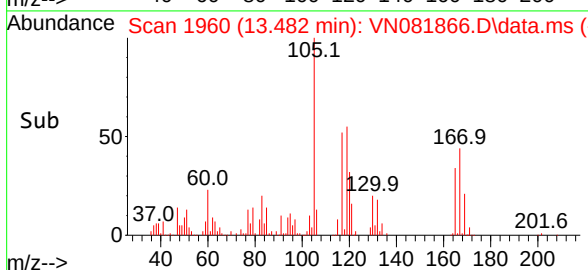
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

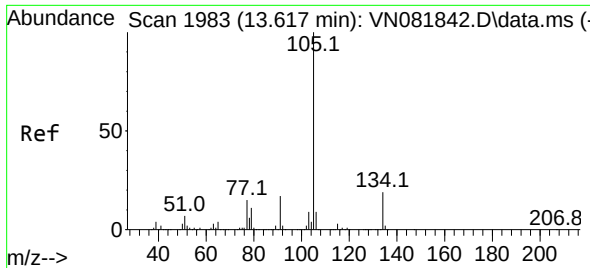


#84
1,2,4-Trimethylbenzene
Concen: 47.484 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28



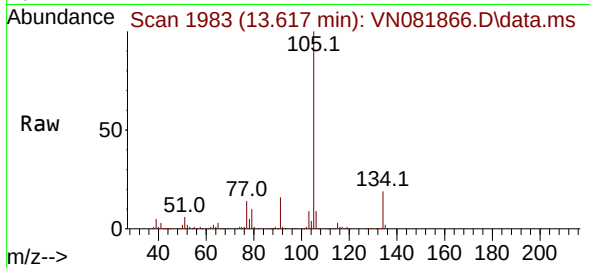
Tgt Ion:105 Resp: 562092
Ion Ratio Lower Upper
105 100
120 44.4 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 48.662 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081866.D
 Acq: 25 Apr 2024 21:28

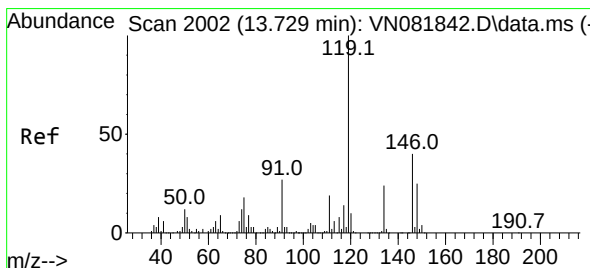
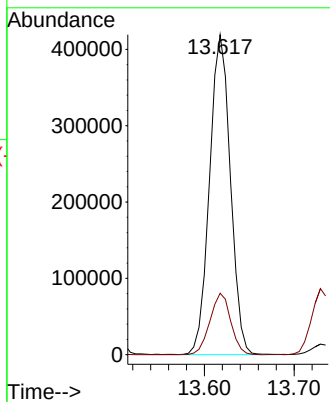
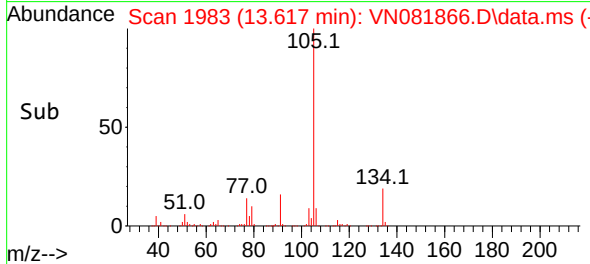
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



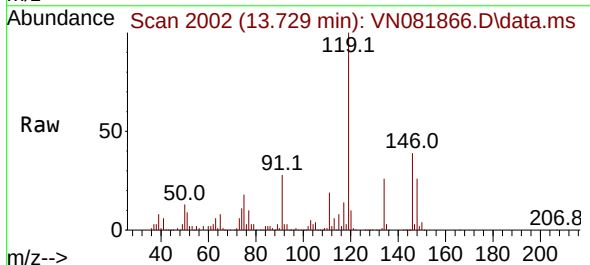
Tgt Ion:105 Resp: 676649
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.2 30.4

Manual Integrations
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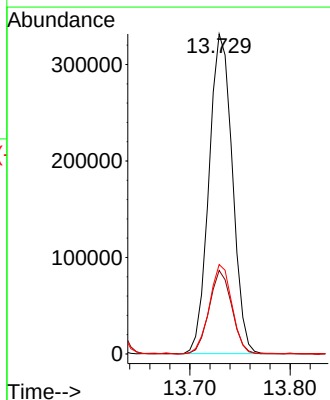
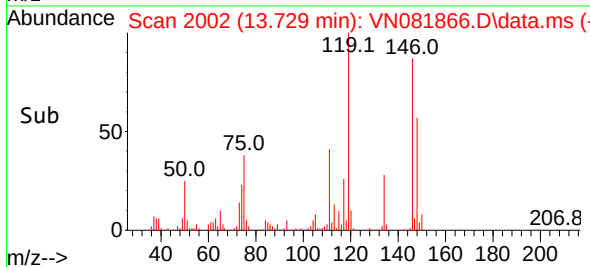
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024

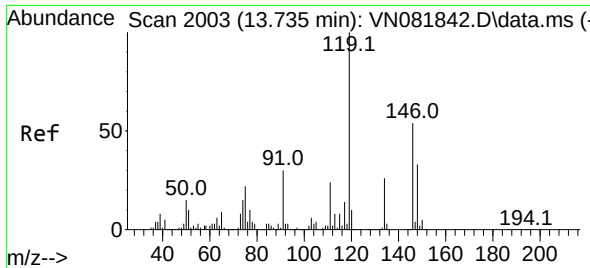


#86
 p-Isopropyltoluene
 Concen: 48.133 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081866.D
 Acq: 25 Apr 2024 21:28



Tgt Ion:119 Resp: 537396
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.2 39.5
 91 27.0 11.8 35.3





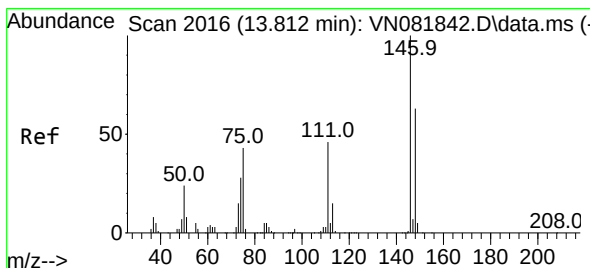
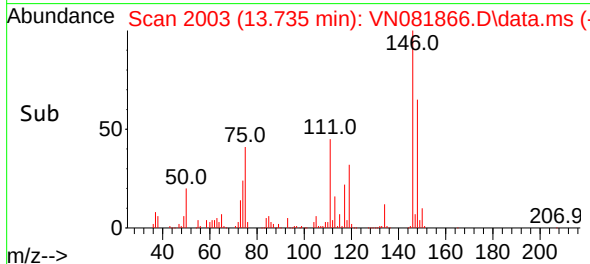
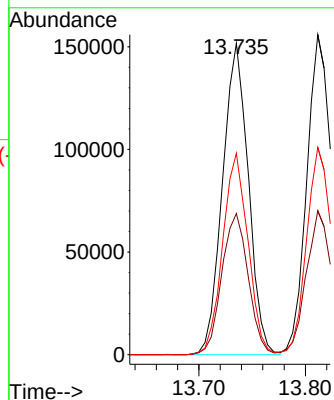
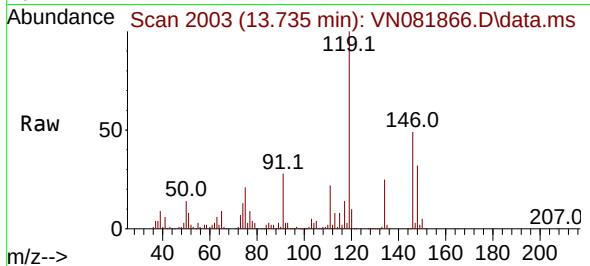
#87
 1,3-Dichlorobenzene
 Concen: 46.642 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081866.D
 Acq: 25 Apr 2024 21:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 25511
 Ion Ratio Lower Upper
 146 100
 111 46.4 20.8 62.5
 148 63.4 32.1 96.3

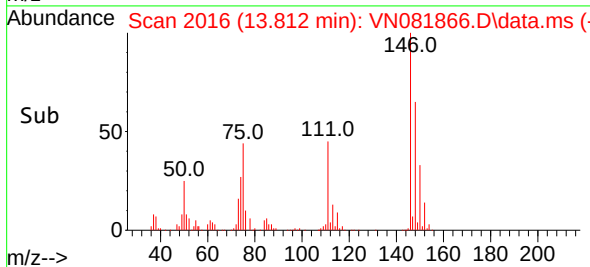
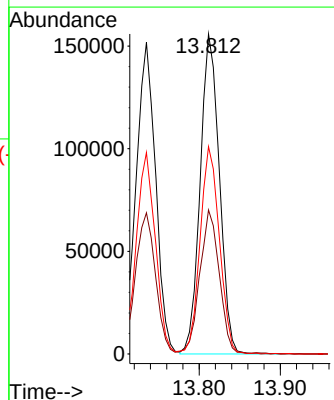
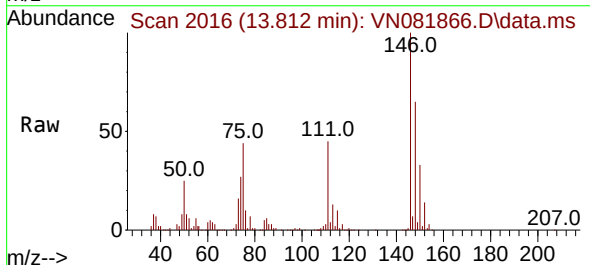
Manual Integrations
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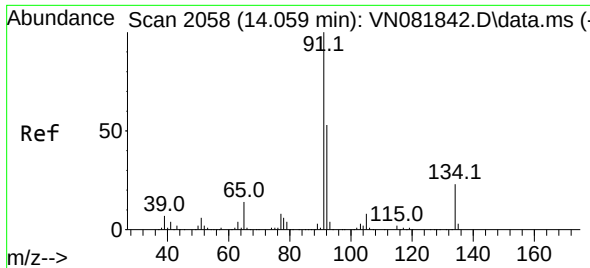
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024



#88
 1,4-Dichlorobenzene
 Concen: 47.513 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081866.D
 Acq: 25 Apr 2024 21:28

Tgt Ion:146 Resp: 255911
 Ion Ratio Lower Upper
 146 100
 111 45.4 19.3 57.9
 148 65.4 31.3 93.9





#89
n-Butylbenzene
Concen: 48.431 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

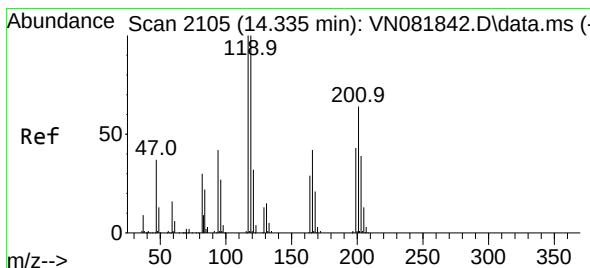
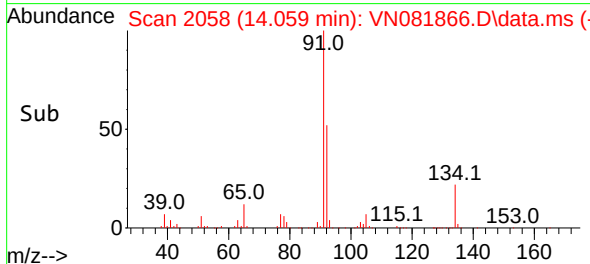
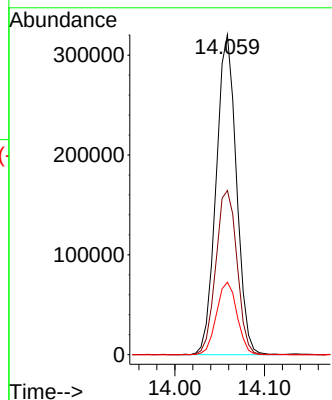
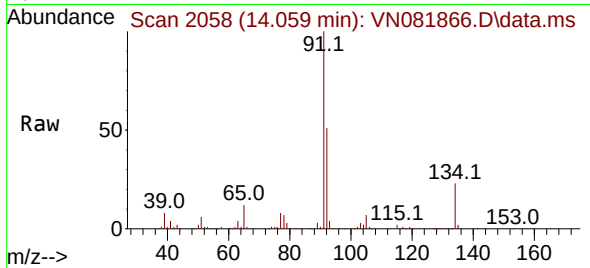
Tgt Ion: 91 Resp: 503310
Ion Ratio Lower Upper
91 100
92 53.5 26.2 78.5
134 23.0 13.2 39.5

Manual Integrations

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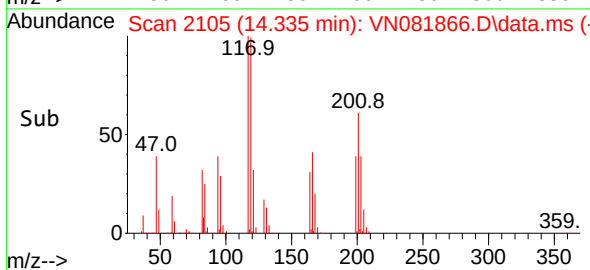
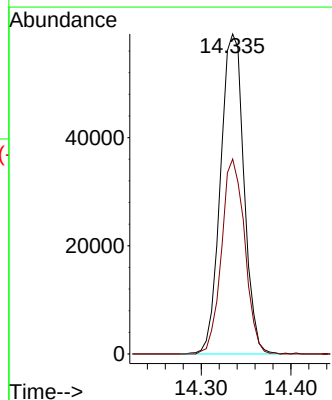
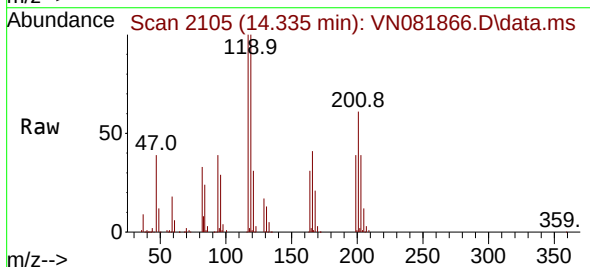
Reviewed By :John Carlone 04/26/2024

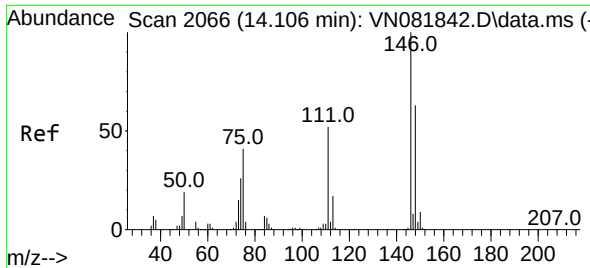
Supervised By :Mahesh Dadoda 04/26/2024



#90
Hexachloroethane
Concen: 48.788 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

Tgt Ion:117 Resp: 107152
Ion Ratio Lower Upper
117 100
201 60.3 33.3 99.8





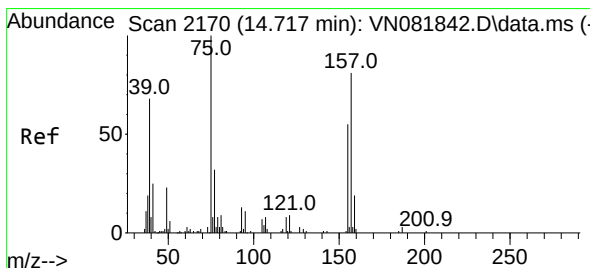
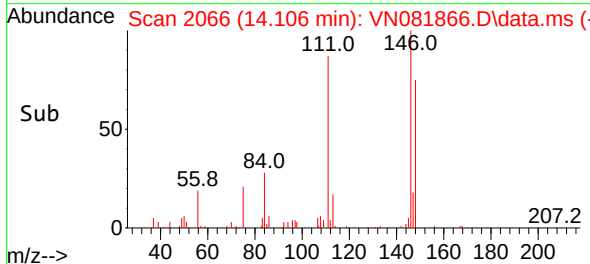
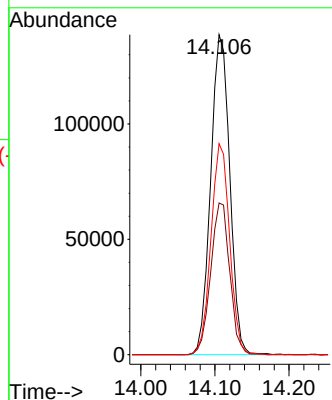
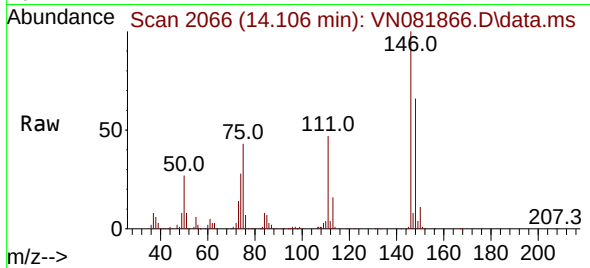
#91
1,2-Dichlorobenzene
Concen: 47.306 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 24804
Ion Ratio Lower Upper
146 100
111 47.4 21.3 64.0
148 64.3 31.8 95.4

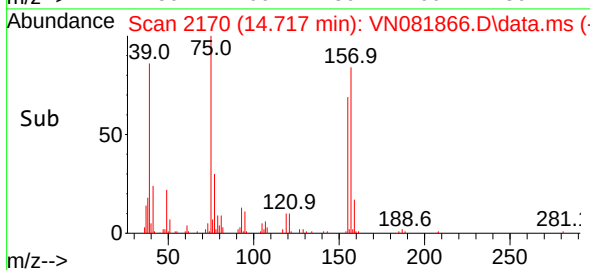
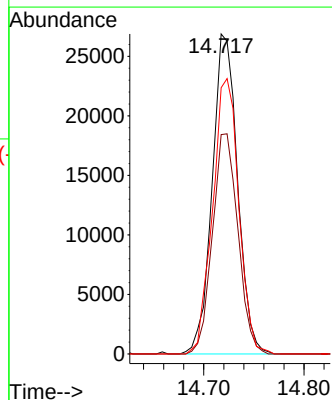
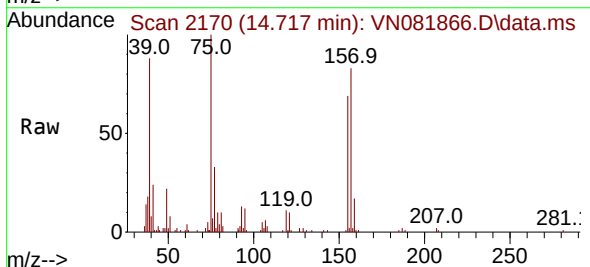
Manual Integrations
APPROVED

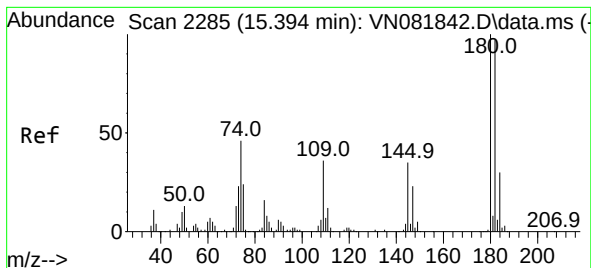
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.074 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

Tgt Ion: 75 Resp: 47186
Ion Ratio Lower Upper
75 100
155 69.3 42.6 128.0
157 88.9 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 48.647 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN081866.D

Acq: 25 Apr 2024 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050EC

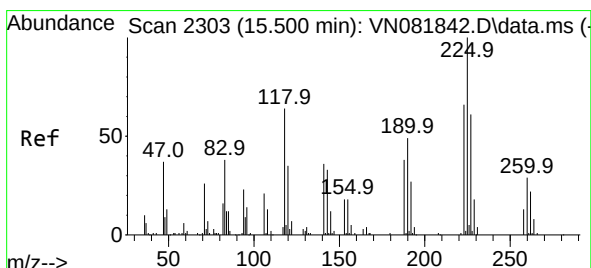
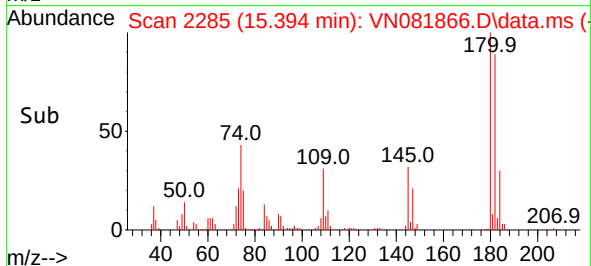
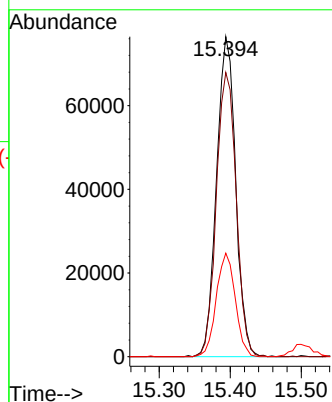
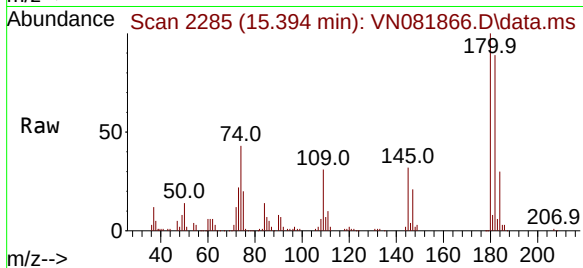
Tgt Ion:	180	Resp:	14270
Ion Ratio	Lower	Upper	
180	100		
182	92.2	46.7	140.0
145	32.1	16.2	48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#94

Hexachlorobutadiene

Concen: 48.573 ug/l

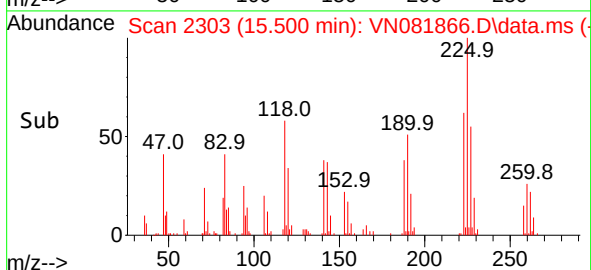
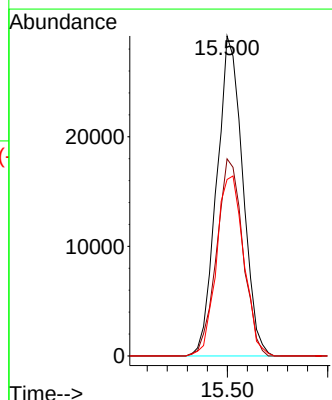
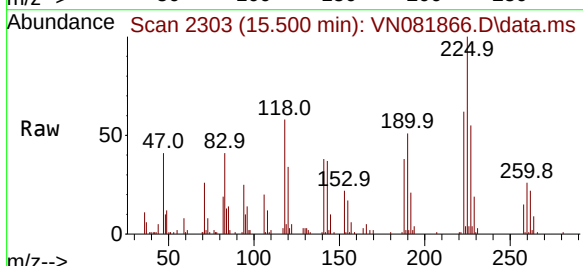
RT: 15.500 min Scan# 2303

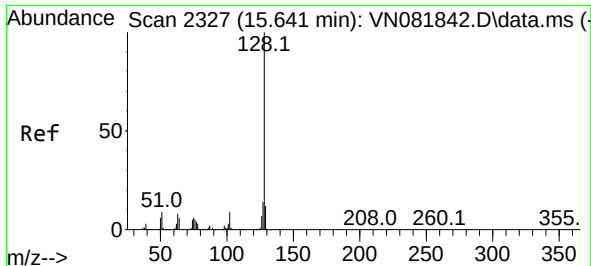
Delta R.T. 0.000 min

Lab File: VN081866.D

Acq: 25 Apr 2024 21:28

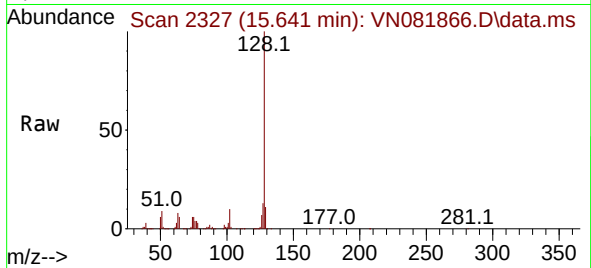
Tgt Ion:	225	Resp:	52518
Ion Ratio	Lower	Upper	
225	100		
223	62.5	31.1	93.2
227	59.2	30.6	91.6





#95
Naphthalene
Concen: 49.150 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28

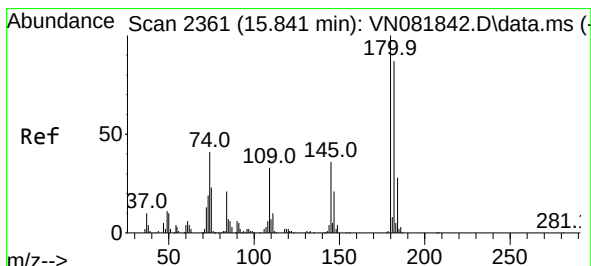
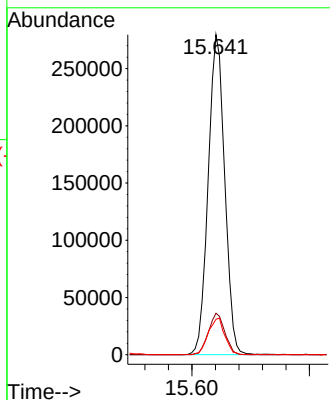
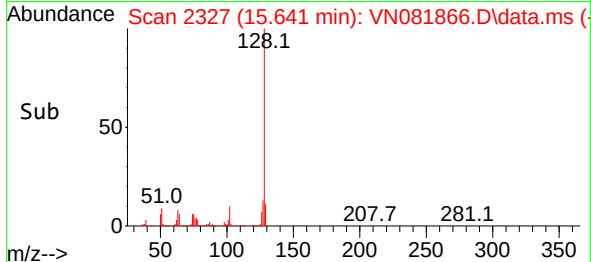
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



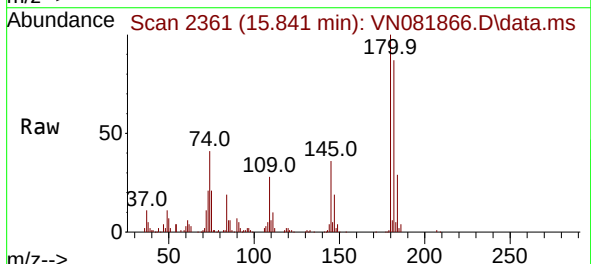
Tgt Ion:128 Resp: 54480
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 11.5 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.407 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081866.D
Acq: 25 Apr 2024 21:28



Tgt Ion:180 Resp: 144782
Ion Ratio Lower Upper
180 100
182 91.9 46.0 137.8
145 34.4 17.1 51.3

