

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081571.D
 Acq On : 25 Mar 2024 19:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2024
 Supervised By : Mahesh Dadoda 03/26/2024

Quant Time: Mar 26 01:23:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	369253	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	643916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	593687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	289159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	215065	45.671	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.340%		
35) Dibromofluoromethane	8.165	113	193278	47.561	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.120%		
50) Toluene-d8	10.571	98	679325	46.244	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.480%		
62) 4-Bromofluorobenzene	12.847	95	246400	47.602	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	95.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	238579	47.984	ug/l	98
3) Chloromethane	2.365	50	237035	47.883	ug/l	97
4) Vinyl Chloride	2.518	62	282310	50.815	ug/l	95
5) Bromomethane	2.954	94	191509	48.742	ug/l	96
6) Chloroethane	3.118	64	200030	52.440	ug/l	93
7) Trichlorofluoromethane	3.501	101	432054	52.182	ug/l	98
8) Diethyl Ether	3.959	74	148648	54.248	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	246181	52.328	ug/l	90
10) Methyl Iodide	4.589	142	271387	57.926	ug/l	99
11) Tert butyl alcohol	5.518	59	223155	271.934	ug/l	99
12) 1,1-Dichloroethene	4.342	96	229047	52.561	ug/l	88
13) Acrolein	4.177	56	233761	317.454	ug/l	96
14) Allyl chloride	5.030	41	287040	52.566	ug/l #	83
15) Acrylonitrile	5.712	53	569848	259.568	ug/l	97
16) Acetone	4.424	43	415890	273.284	ug/l	95
17) Carbon Disulfide	4.712	76	592357	47.368	ug/l	96
18) Methyl Acetate	5.024	43	259096	55.224	ug/l #	87
19) Methyl tert-butyl Ether	5.795	73	777813	57.032	ug/l	93
20) Methylene Chloride	5.277	84	273504	54.865	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	255587	52.602	ug/l	89
22) Diisopropyl ether	6.671	45	735460	57.966	ug/l #	92
23) Vinyl Acetate	6.600	43	2764490	273.734	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	467789	55.047	ug/l	96
25) 2-Butanone	7.483	43	685477	262.611	ug/l #	88
26) 2,2-Dichloropropane	7.494	77	405752	55.050	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	307221	55.883	ug/l	84
28) Bromochloromethane	7.818	49	172140	49.732	ug/l #	49
29) Tetrahydrofuran	7.836	42	451277	256.636	ug/l #	78
30) Chloroform	7.965	83	505518	55.567	ug/l	99
31) Cyclohexane	8.259	56	376654	49.154	ug/l #	76
32) 1,1,1-Trichloroethane	8.171	97	457729	55.457	ug/l	93
36) 1,1-Dichloropropene	8.371	75	364903	53.358	ug/l	95
37) Ethyl Acetate	7.559	43	293003	50.034	ug/l	98
38) Carbon Tetrachloride	8.365	117	399039	53.264	ug/l	95
39) Methylcyclohexane	9.600	83	413171	54.100	ug/l #	85
40) Benzene	8.606	78	1106734	55.354	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	153244	49.482	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	368810	52.415	ug/l	96
43) Isopropyl Acetate	8.688	43	507048	52.235	ug/l #	91
44) Trichloroethene	9.353	130	298742	53.126	ug/l	94
45) 1,2-Dichloropropane	9.624	63	274487	56.647	ug/l	97
46) Dibromomethane	9.712	93	200239	54.415	ug/l #	88
47) Bromodichloromethane	9.888	83	410597	57.070	ug/l #	95
48) Methyl methacrylate	9.683	41	235549	52.610	ug/l #	83
49) 1,4-Dioxane	9.700	88	103152	958.692	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1537959	259.650	ug/l	91
52) Toluene	10.630	92	712025	56.030	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	430356	55.395	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	460053	55.232	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	281644	55.071	ug/l	93
56) Ethyl methacrylate	10.877	69	396773	51.895	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	473388	56.464	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	973001	302.363	ug/l #	86
59) 2-Hexanone	11.194	43	1124698	256.823	ug/l	91
60) Dibromochloromethane	11.359	129	315756	56.140	ug/l	98
61) 1,2-Dibromoethane	11.471	107	288686	55.367	ug/l	99
64) Tetrachloroethene	11.106	164	304331	53.627	ug/l	90
65) Chlorobenzene	11.894	112	763895	54.429	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	289979	55.747	ug/l	97
67) Ethyl Benzene	11.965	91	1357118	55.667	ug/l	98
68) m/p-Xylenes	12.071	106	1060194	116.002	ug/l	94
69) o-Xylene	12.400	106	515190	57.419	ug/l	93
70) Styrene	12.412	104	859623	59.404	ug/l	95
71) Bromoform	12.576	173	212291	54.311	ug/l #	97
73) Isopropylbenzene	12.694	105	1342242	54.456	ug/l	96
74) N-amyl acetate	12.494	43	458436	51.395	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	352579	48.652	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	337039m	48.727	ug/l	
77) Bromobenzene	12.982	156	318205	52.261	ug/l	70
78) n-propylbenzene	13.035	91	1598972	54.932	ug/l	95
79) 2-Chlorotoluene	13.124	91	940588	53.990	ug/l	92
80) 1,3,5-Trimethylbenzene	13.171	105	1141288	56.060	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	128755	50.303	ug/l	98
82) 4-Chlorotoluene	13.224	91	924240	53.809	ug/l	93
83) tert-Butylbenzene	13.441	119	963417	54.878	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	1152939	56.347	ug/l	95
85) sec-Butylbenzene	13.618	105	1396262	55.636	ug/l	94
86) p-Isopropyltoluene	13.729	119	1170054	57.034	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	604365	54.024	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	587042	50.679	ug/l	96
89) n-Butylbenzene	14.059	91	1000646	55.007	ug/l	96
90) Hexachloroethane	14.335	117	208899	53.768	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	572581	53.178	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	71502	46.361	ug/l	68
93) 1,2,4-Trichlorobenzene	15.394	180	315419	50.663	ug/l	99
94) Hexachlorobutadiene	15.506	225	127929	46.833	ug/l	97
95) Naphthalene	15.641	128	1053427	52.218	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	316858	50.598	ug/l	98

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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

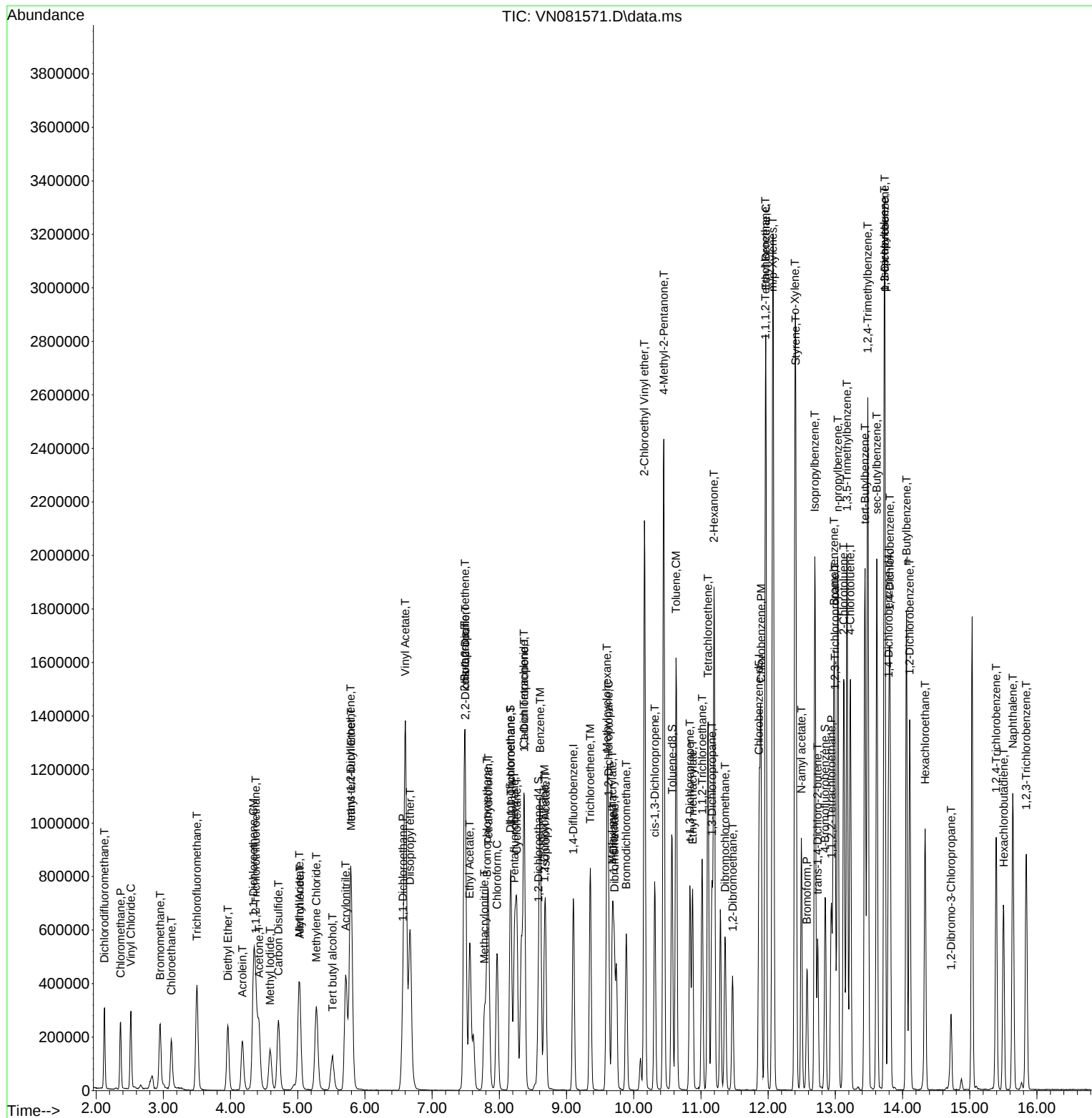
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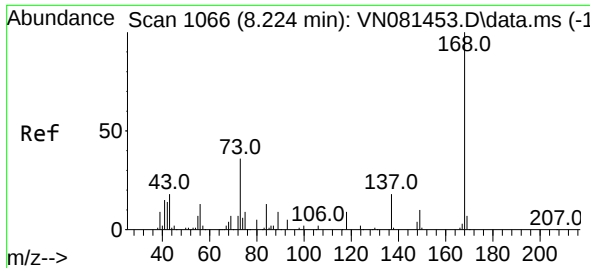
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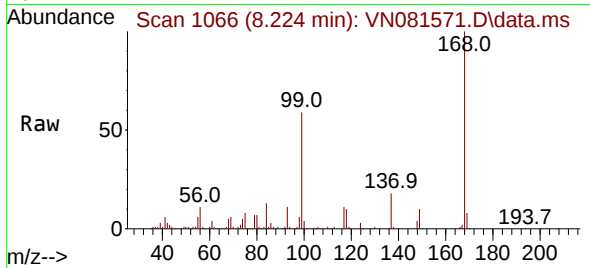
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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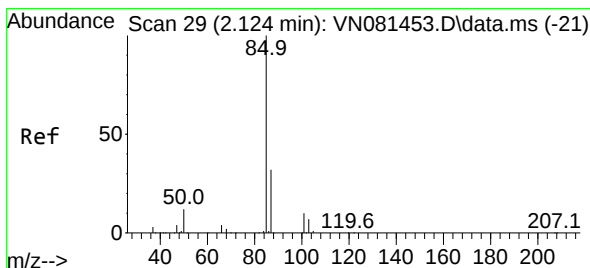
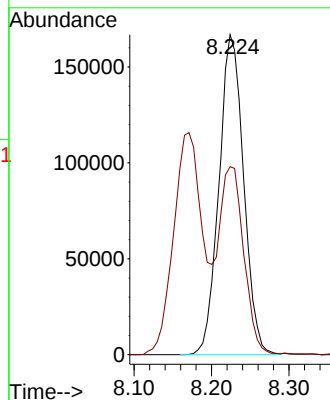
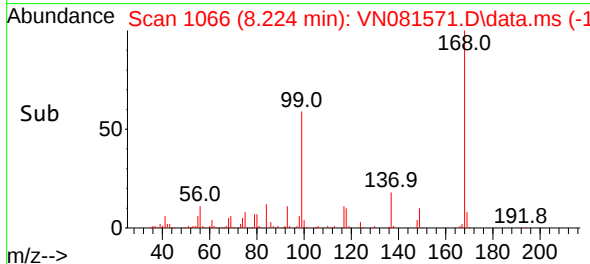
Instrument :
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Tgt Ion:168 Resp: 36925
Ion Ratio Lower Upper
168 100
99 58.5 59.9 89.9

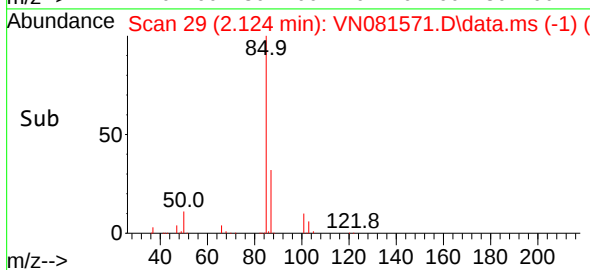
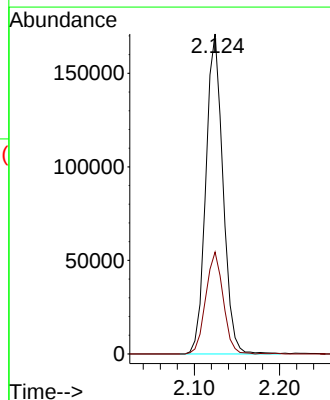
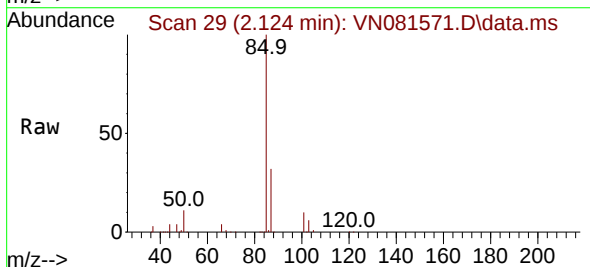
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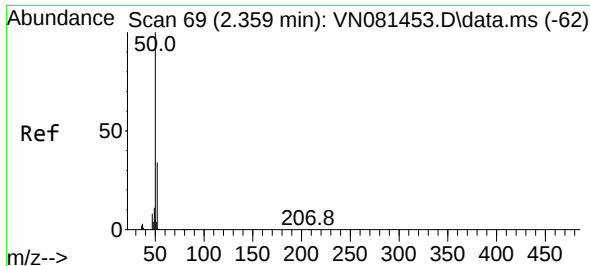
Reviewed By :John Carlone 03/26/2024
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#2
Dichlorodifluoromethane
Concen: 47.984 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

Tgt Ion: 85 Resp: 238579
Ion Ratio Lower Upper
85 100
87 31.8 15.3 45.9





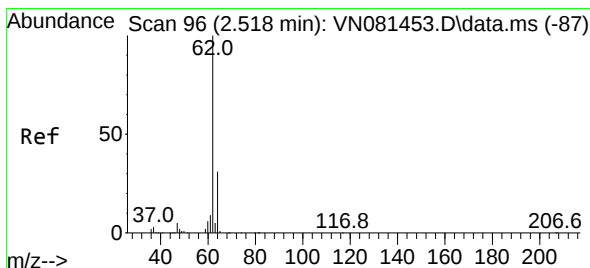
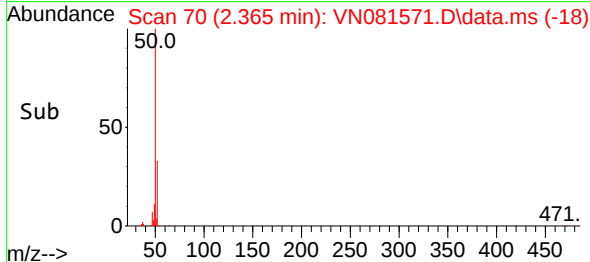
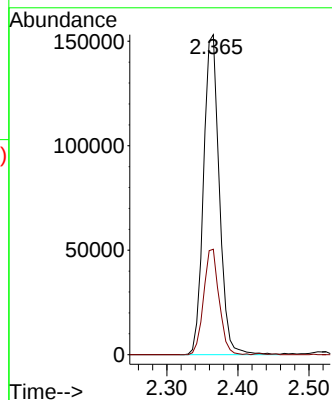
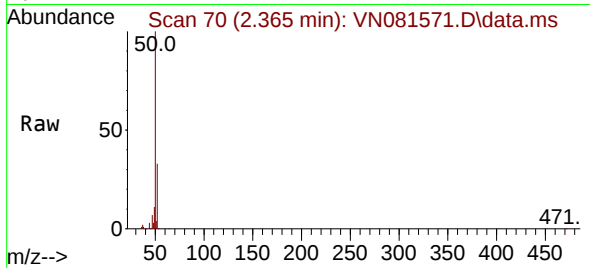
#3
Chloromethane
Concen: 47.883 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 237035
Ion Ratio Lower Upper
50 100
52 33.0 25.0 37.4

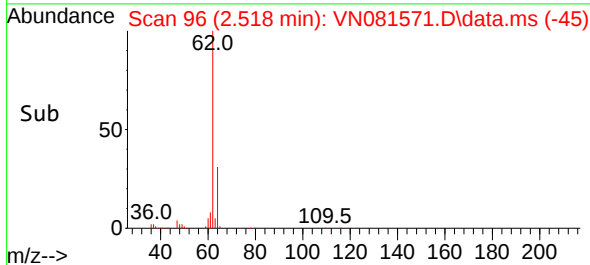
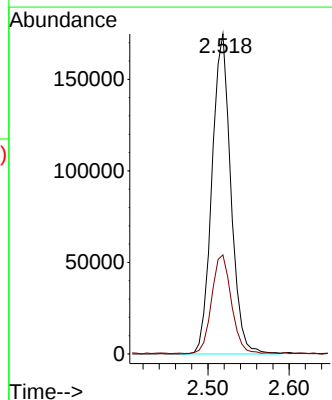
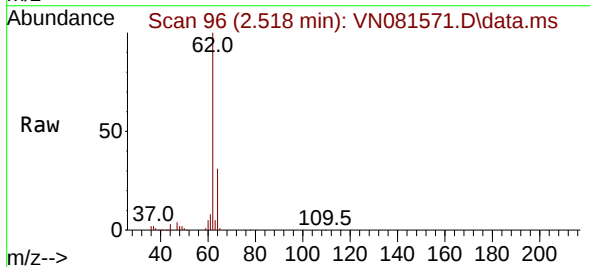
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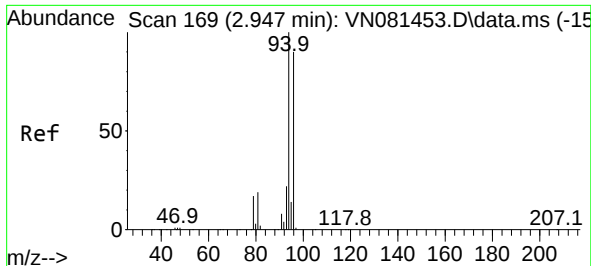
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#4
Vinyl Chloride
Concen: 50.815 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

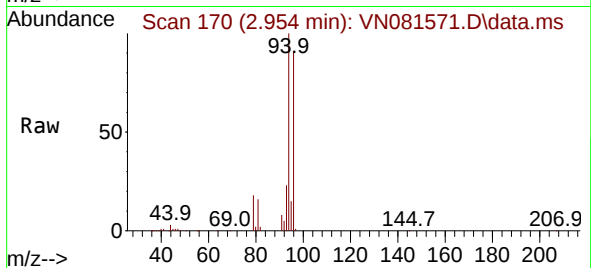
Tgt Ion: 62 Resp: 282310
Ion Ratio Lower Upper
62 100
64 30.8 22.7 34.1





#5
Bromomethane
Concen: 48.742 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

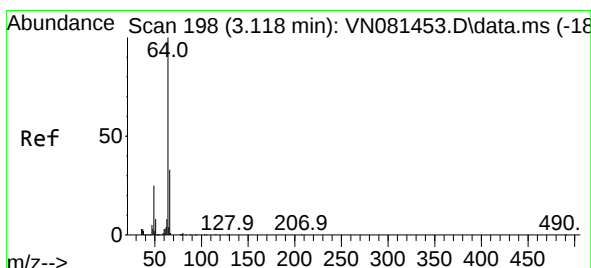
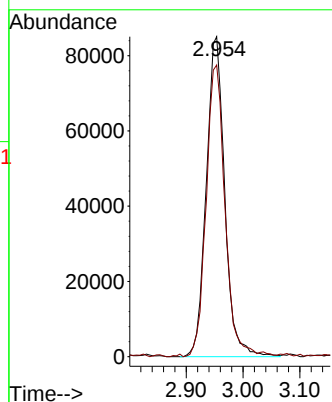
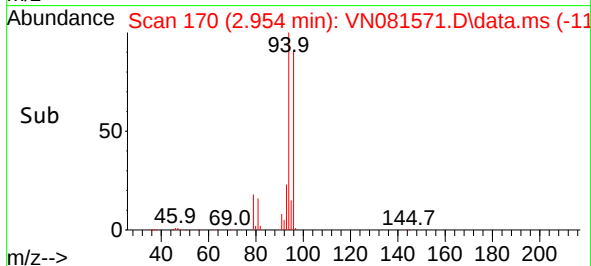
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Tgt Ion: 94 Resp: 191509
Ion Ratio Lower Upper
94 100
96 90.3 69.2 103.8

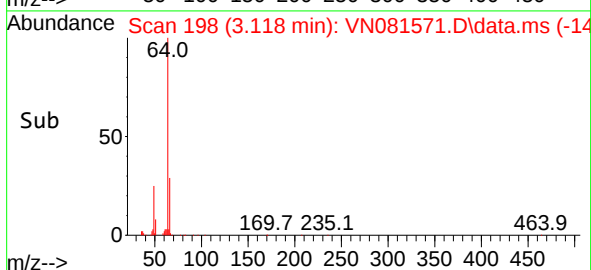
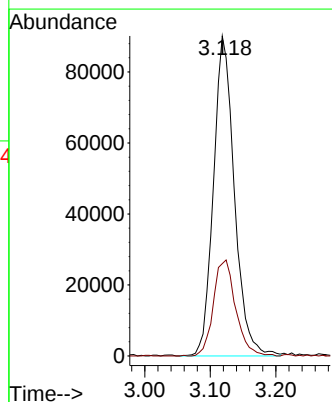
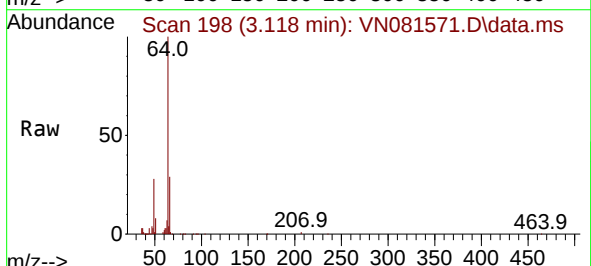
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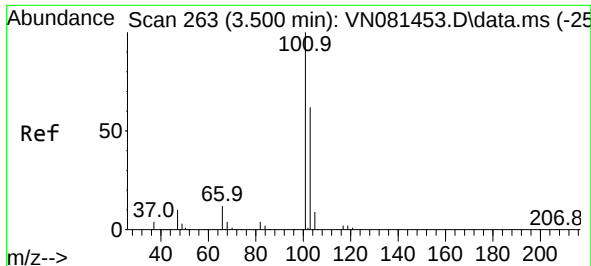
Reviewed By :John Carlone 03/26/2024
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#6
Chloroethane
Concen: 52.440 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

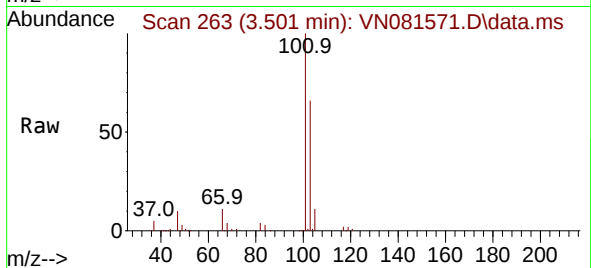
Tgt Ion: 64 Resp: 200030
Ion Ratio Lower Upper
64 100
66 28.8 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 52.182 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN081571.D
 Acq: 25 Mar 2024 19:15

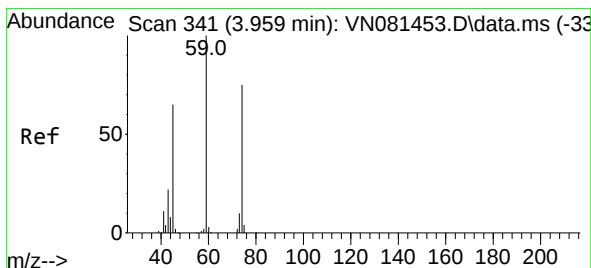
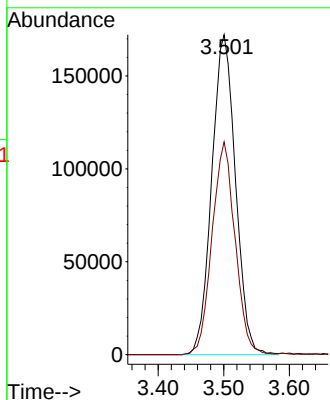
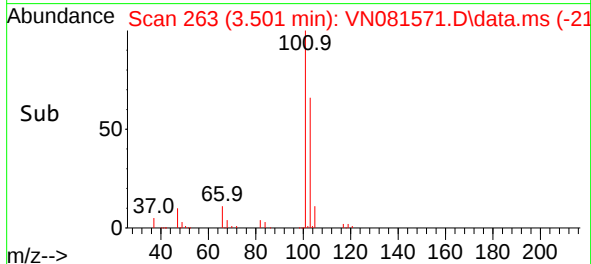
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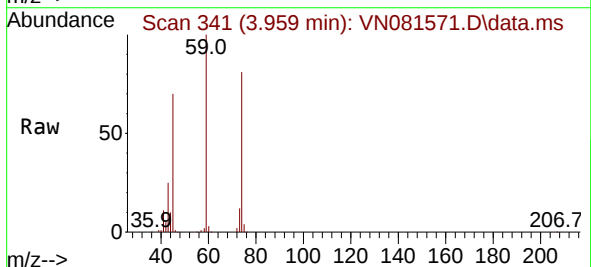
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 Ion Ratio Lower Upper
 101 100
 103 66.5 54.4 81.6

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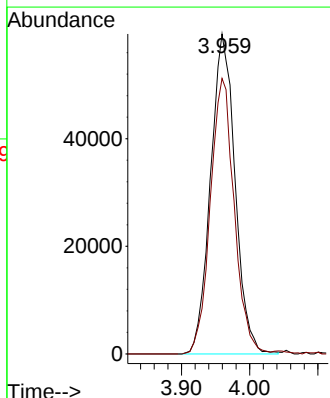
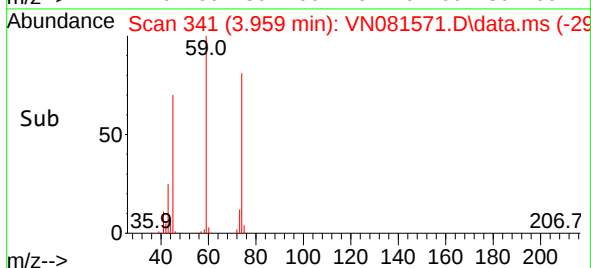
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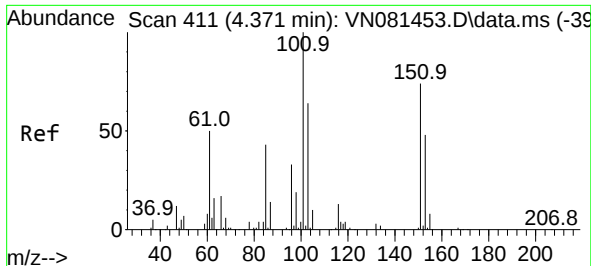


#8
 Diethyl Ether
 Concen: 54.248 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN081571.D
 Acq: 25 Mar 2024 19:15



Tgt Ion: 74 Resp: 148648
 Ion Ratio Lower Upper
 74 100
 45 83.9 53.3 159.9





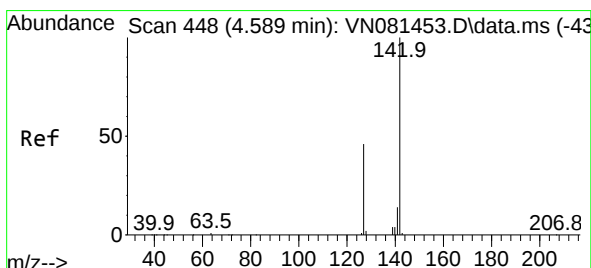
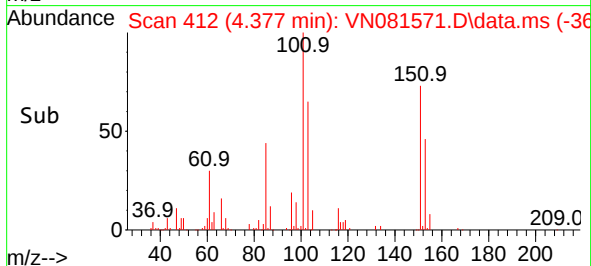
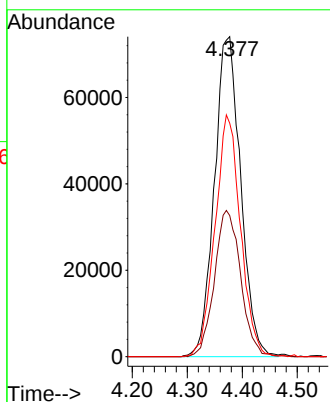
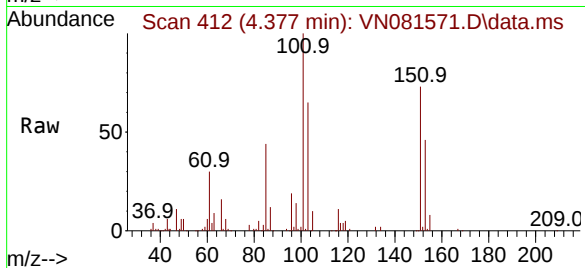
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.328 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 24618
Ion Ratio Lower Upper
101 100
85 45.7 38.1 57.1
151 73.2 49.1 73.7

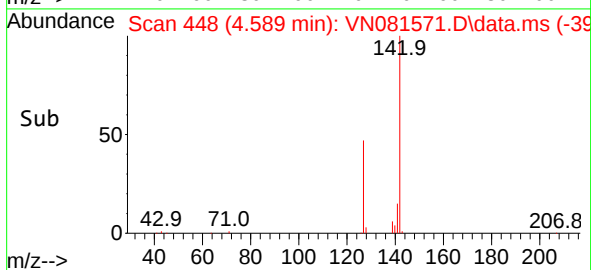
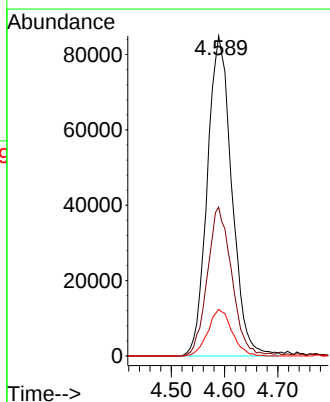
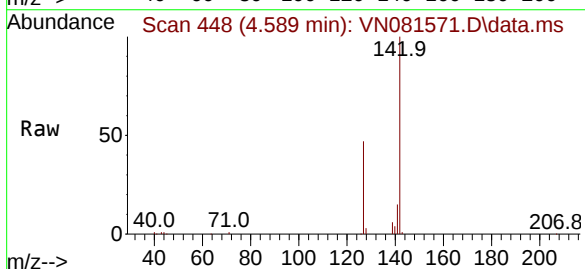
Manual Integrations
APPROVED

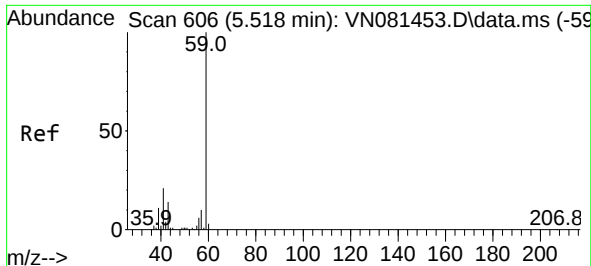
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#10
Methyl Iodide
Concen: 57.926 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

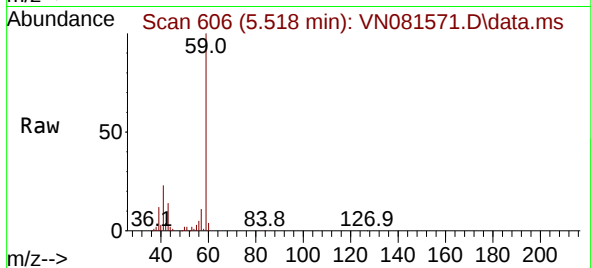
Tgt Ion:142 Resp: 271387
Ion Ratio Lower Upper
142 100
127 46.5 37.0 55.4
141 14.5 12.5 18.7





#11
Tert butyl alcohol
Concen: 271.934 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

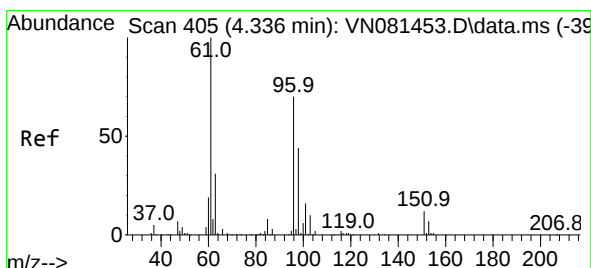
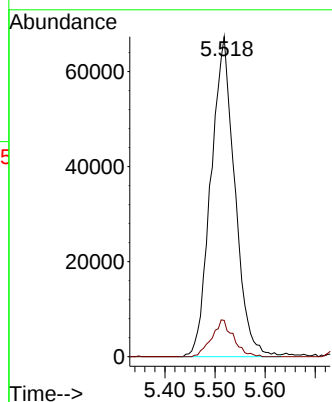
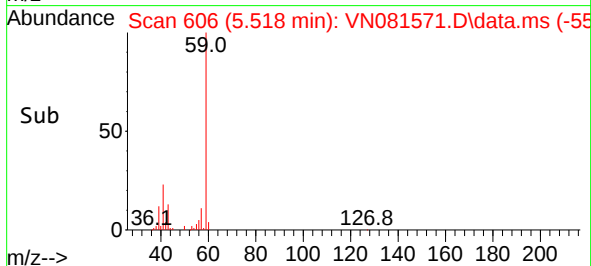
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



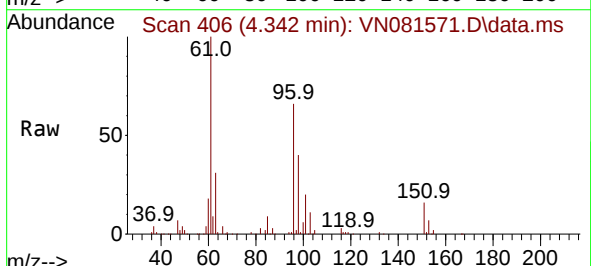
Tgt Ion: 59 Resp: 22315
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

Manual Integrations
APPROVED

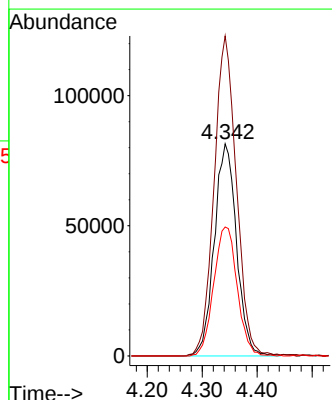
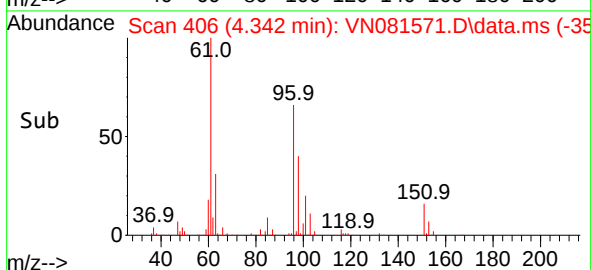
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

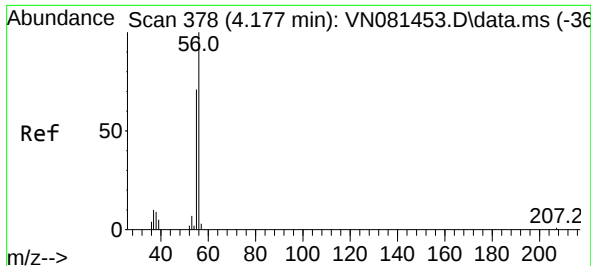


#12
1,1-Dichloroethene
Concen: 52.561 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15



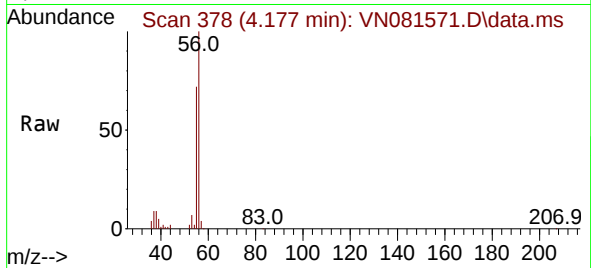
Tgt Ion: 96 Resp: 229047
Ion Ratio Lower Upper
96 100
61 150.9 138.2 207.4
98 60.8 49.2 73.8





#13
Acrolein
Concen: 317.454 ug/l
RT: 4.177 min Scan# 317
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

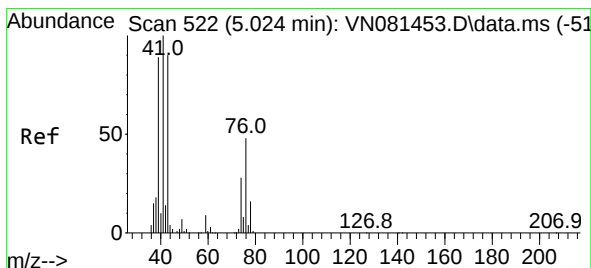
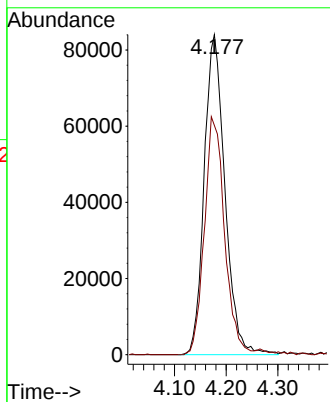
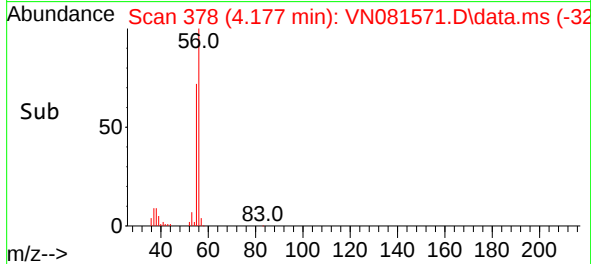
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



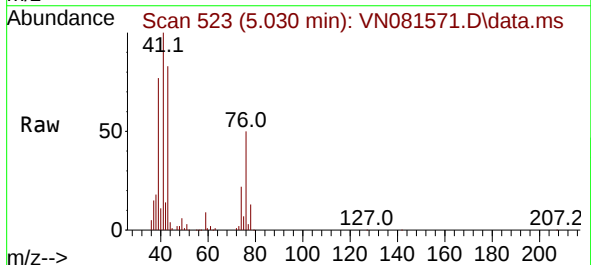
Tgt Ion: 56 Resp: 23376
Ion Ratio Lower Upper
56 100
55 72.3 55.3 82.9

Manual Integrations
APPROVED

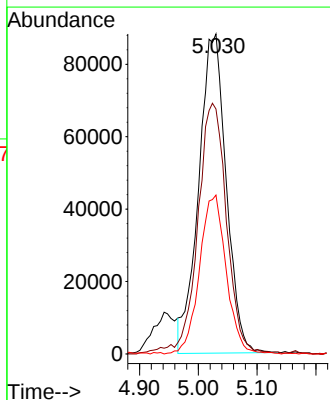
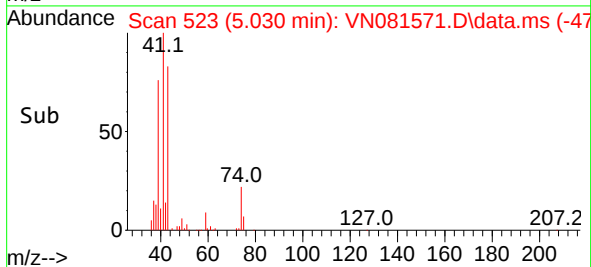
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

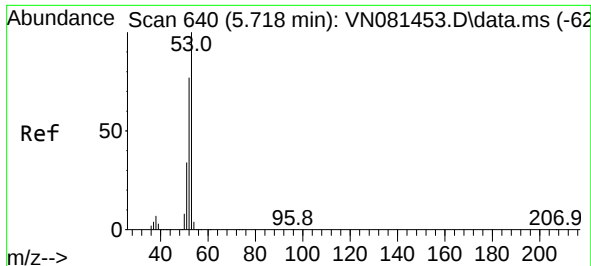


#14
Allyl chloride
Concen: 52.566 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15



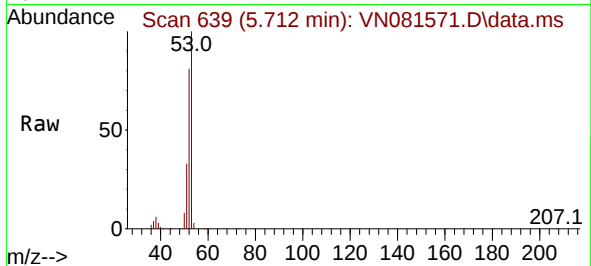
Tgt Ion: 41 Resp: 287040
Ion Ratio Lower Upper
41 100
39 82.6 57.7 86.5
76 48.3 26.8 40.2#





#15
Acrylonitrile
Concen: 259.568 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

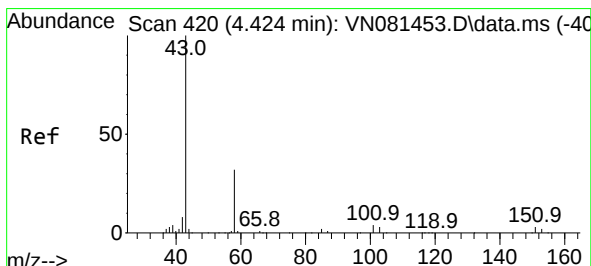
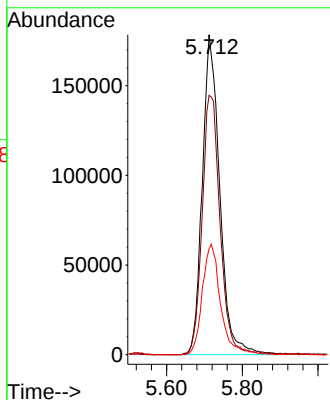
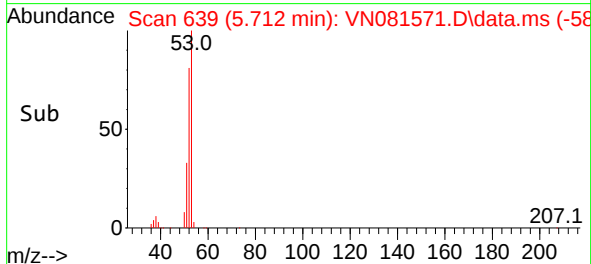
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 56984
Ion Ratio Lower Upper
53 100
52 83.1 64.8 97.2
51 36.4 26.9 40.3

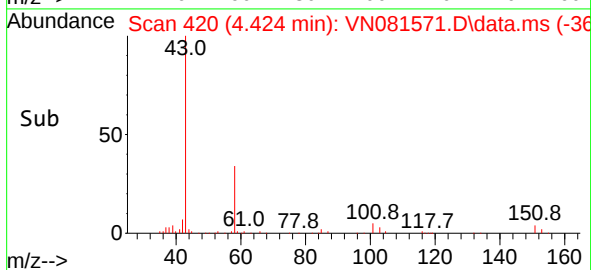
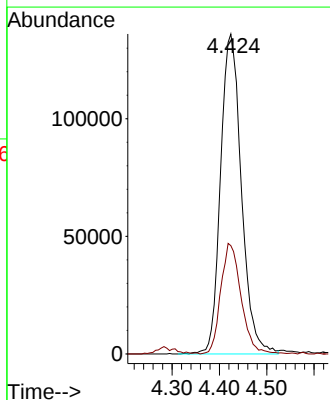
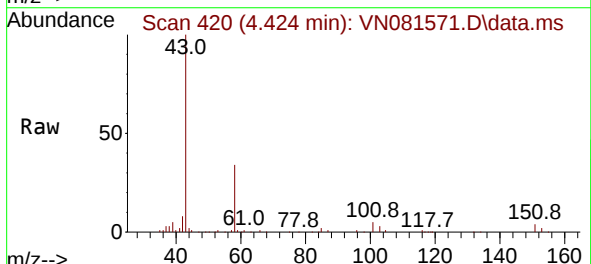
Manual Integrations
APPROVED

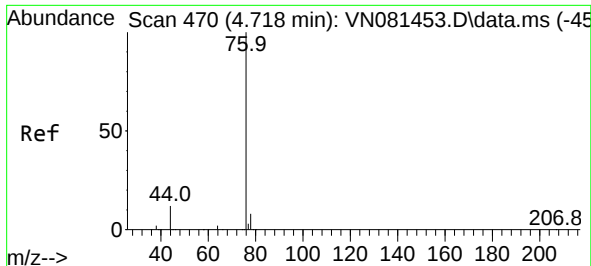
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#16
Acetone
Concen: 273.284 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

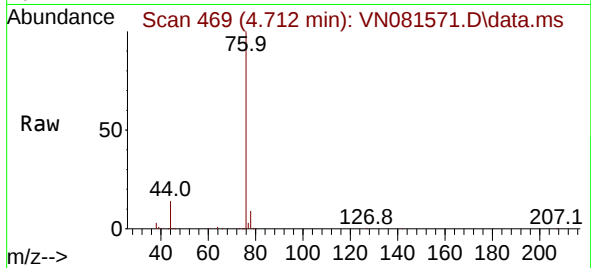
Tgt Ion: 43 Resp: 415890
Ion Ratio Lower Upper
43 100
58 33.6 24.8 37.2





#17
Carbon Disulfide
Concen: 47.368 ug/l
RT: 4.712 min Scan# 470
Delta R.T. -0.006 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

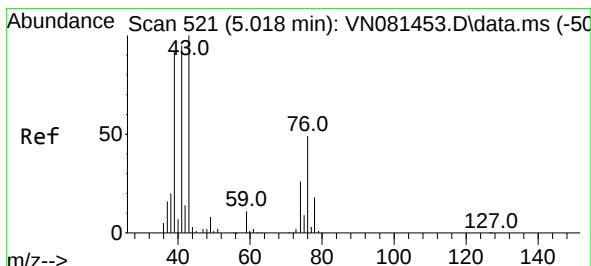
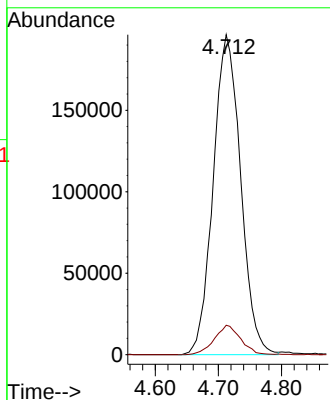
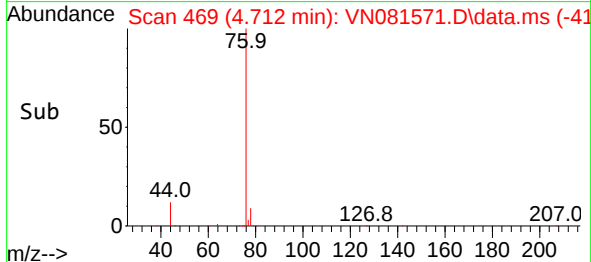
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 59235
Ion Ratio Lower Upper
76 100
78 9.2 6.3 9.5

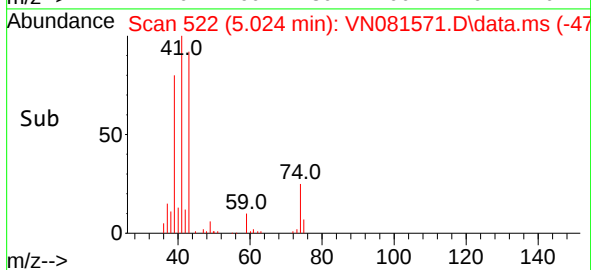
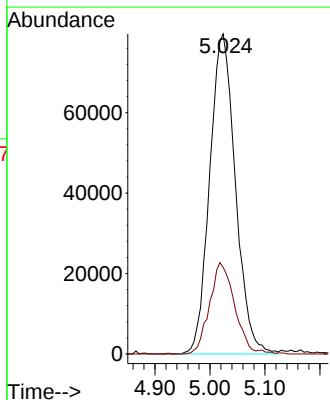
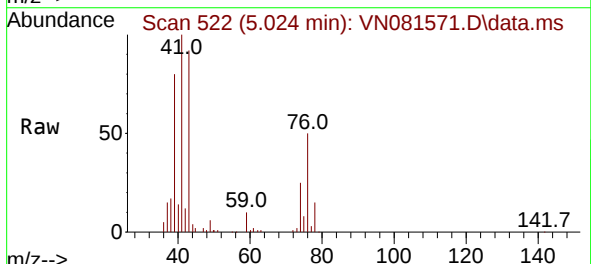
Manual Integrations
APPROVED

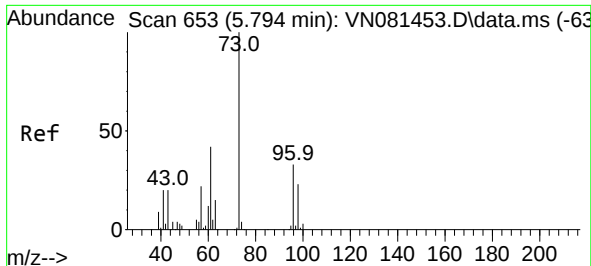
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#18
Methyl Acetate
Concen: 55.224 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

Tgt Ion: 43 Resp: 259096
Ion Ratio Lower Upper
43 100
74 27.9 17.3 25.9#





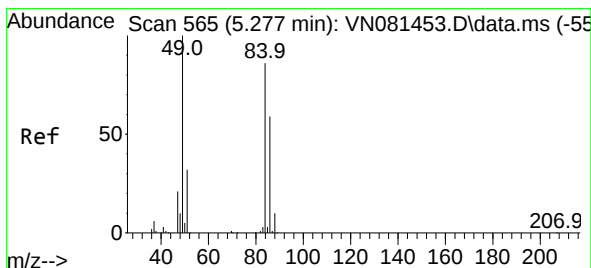
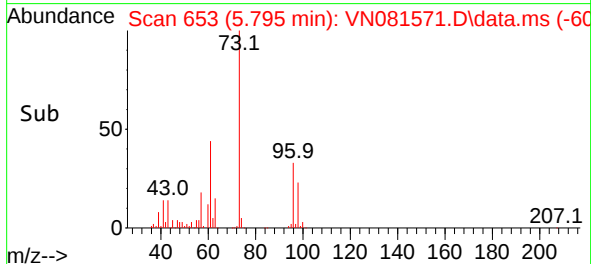
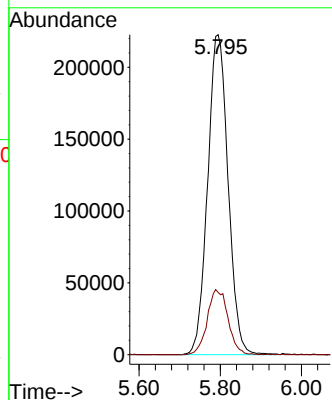
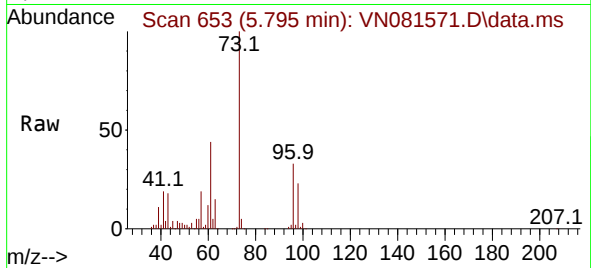
#19
Methyl tert-butyl Ether
Concen: 57.032 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 77781
Ion Ratio Lower Upper
73 100
57 19.5 18.2 27.4

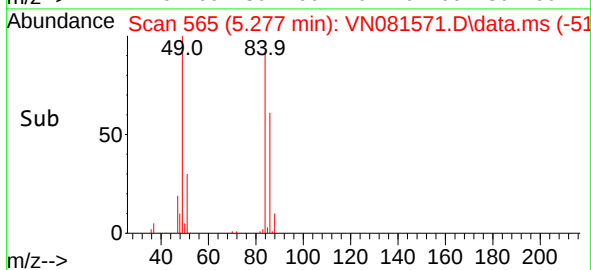
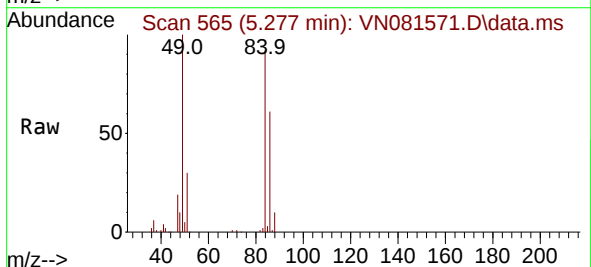
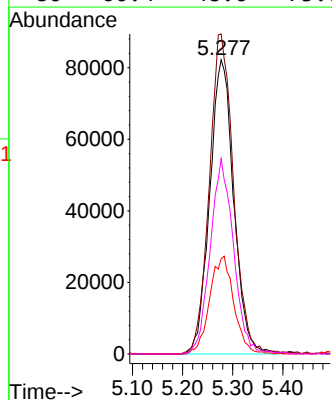
Manual Integrations
APPROVED

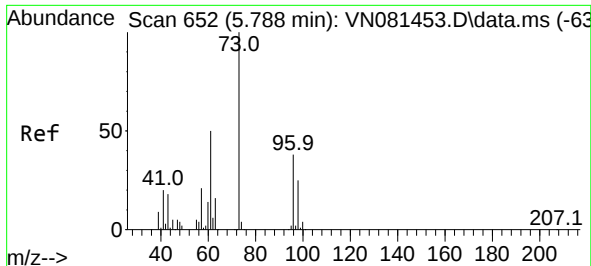
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#20
Methylene Chloride
Concen: 54.865 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

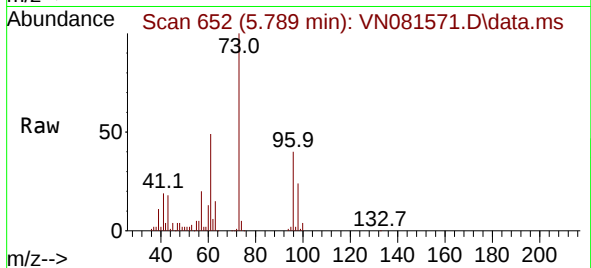
Tgt Ion: 84 Resp: 273504
Ion Ratio Lower Upper
84 100
49 108.8 108.1 162.1
51 32.3 32.9 49.3#
86 66.4 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 52.602 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

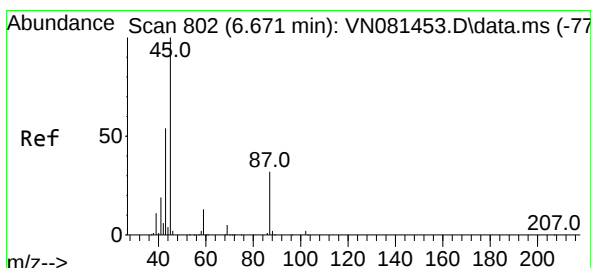
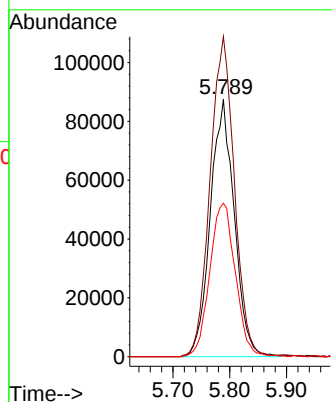
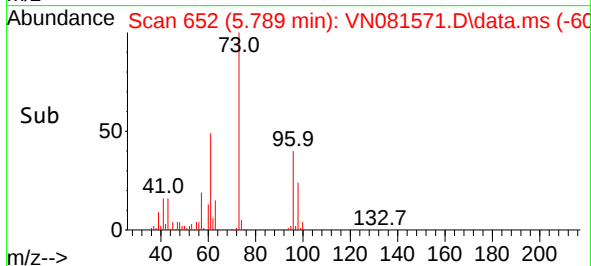
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 25558
Ion Ratio Lower Upper
96 100
61 124.3 112.8 169.2
98 59.6 51.0 76.4

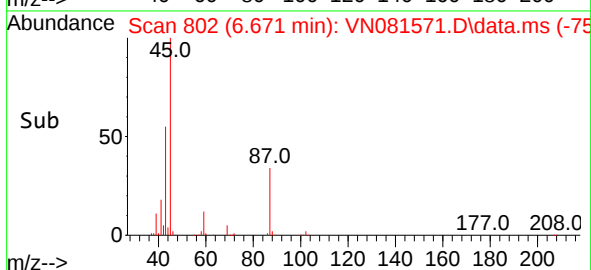
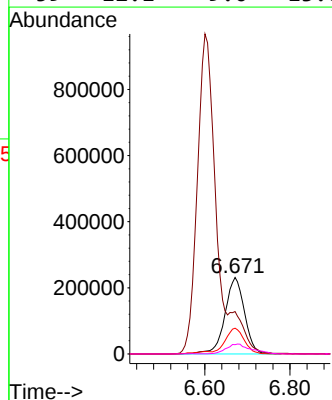
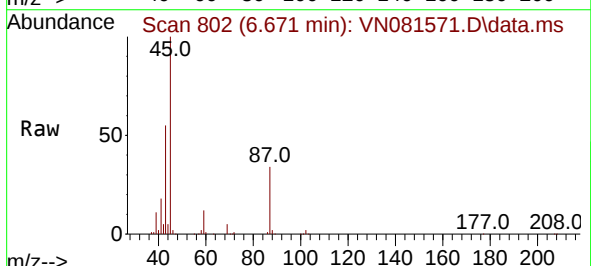
Manual Integrations
APPROVED

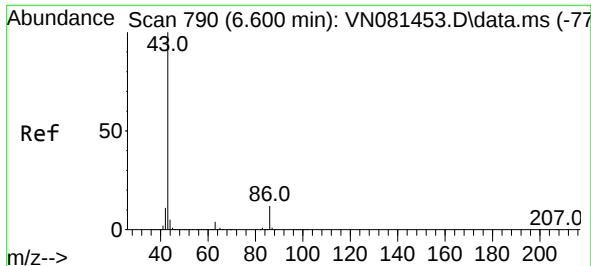
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#22
Diisopropyl ether
Concen: 57.966 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

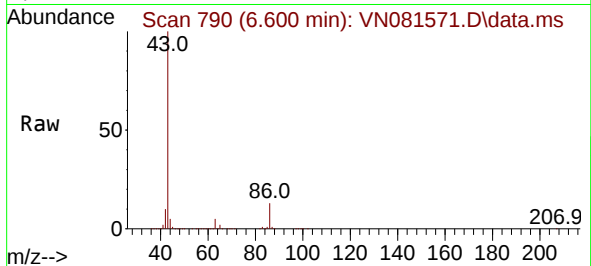
Tgt Ion: 45 Resp: 735460
Ion Ratio Lower Upper
45 100
43 54.5 41.8 62.8
87 33.7 18.1 27.1#
59 12.1 9.0 13.6





#23
 Vinyl Acetate
 Concen: 273.734 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081571.D
 Acq: 25 Mar 2024 19:15

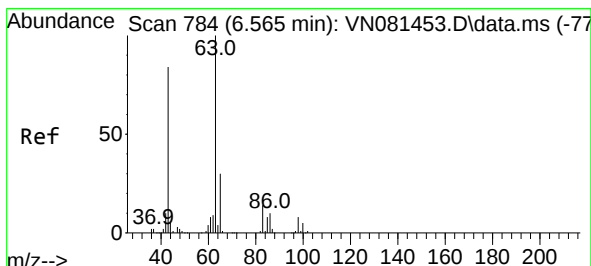
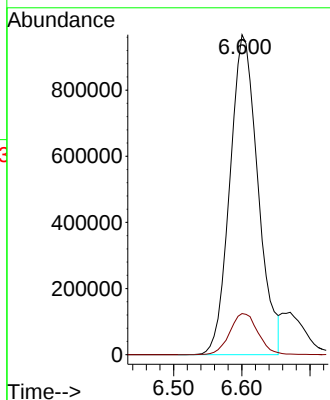
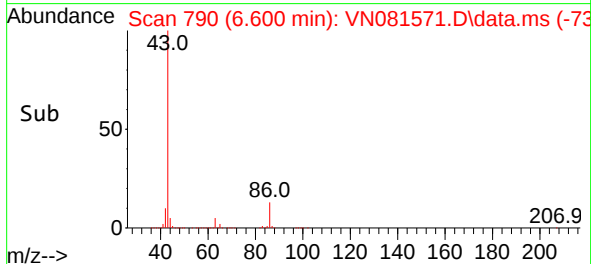
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 2764490
 Ion Ratio Lower Upper
 43 100
 86 12.9 7.1 10.7

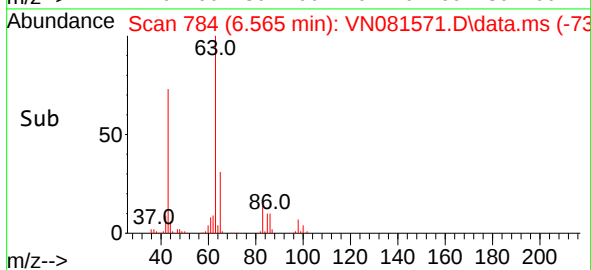
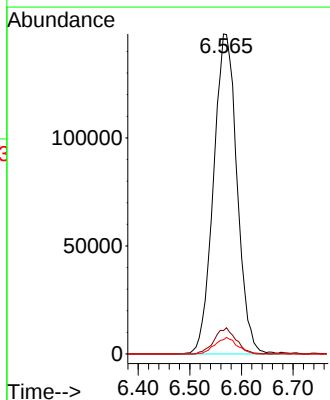
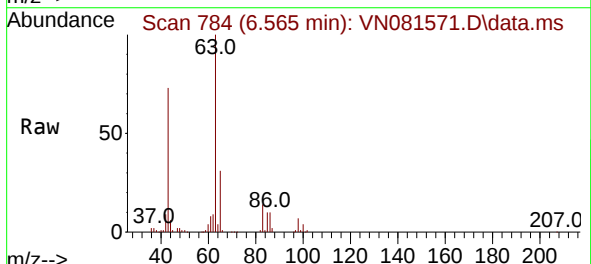
Manual Integrations
 APPROVED

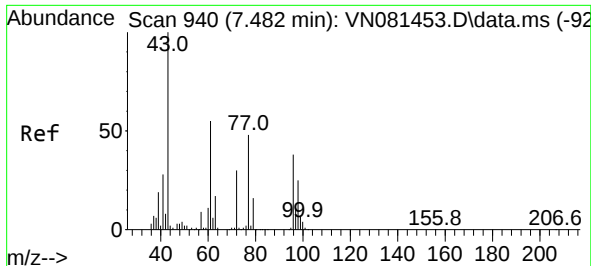
Reviewed By :John Carlone 03/26/2024
 Supervised By :Mahesh Dadoda 03/26/2024



#24
 1,1-Dichloroethane
 Concen: 55.047 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081571.D
 Acq: 25 Mar 2024 19:15

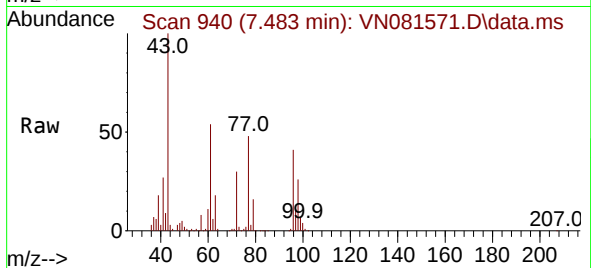
Tgt Ion: 63 Resp: 467789
 Ion Ratio Lower Upper
 63 100
 98 7.3 2.9 8.6
 100 4.4 1.9 5.7





#25
2-Butanone
Concen: 262.611 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

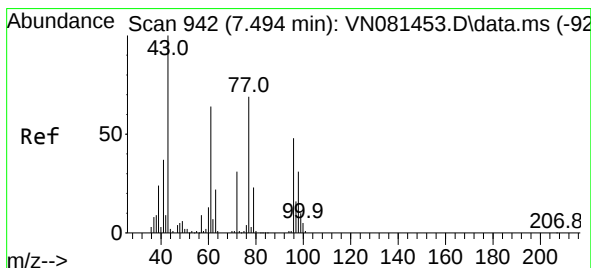
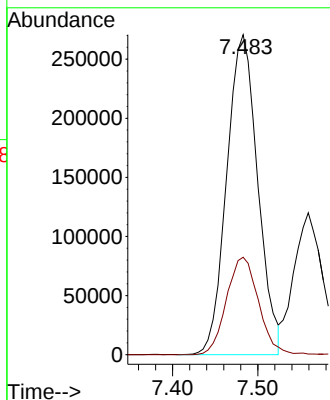
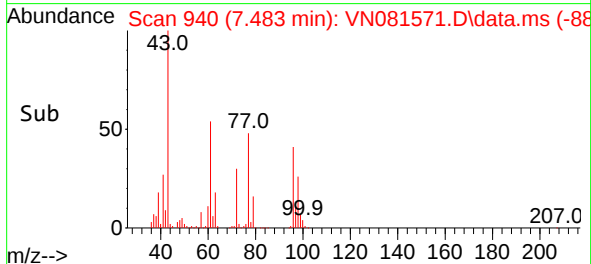
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 68547
Ion Ratio Lower Upper
43 100
72 30.4 19.5 29.3

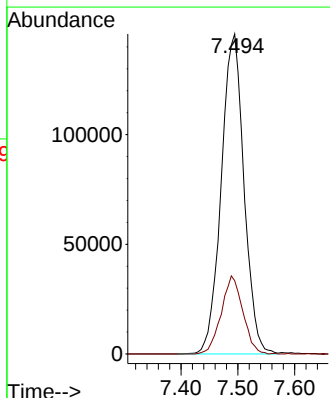
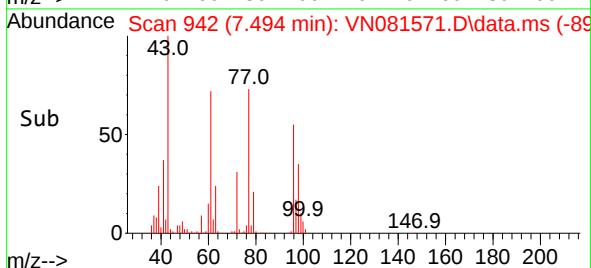
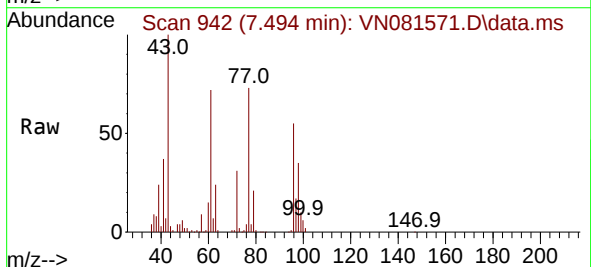
Manual Integrations
APPROVED

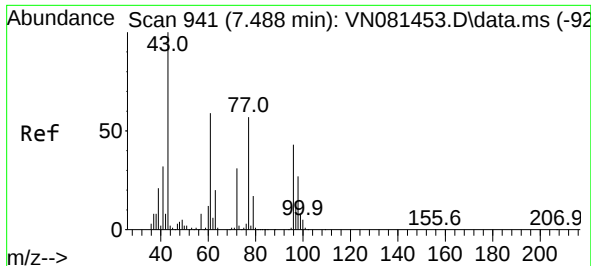
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#26
2,2-Dichloropropane
Concen: 55.050 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

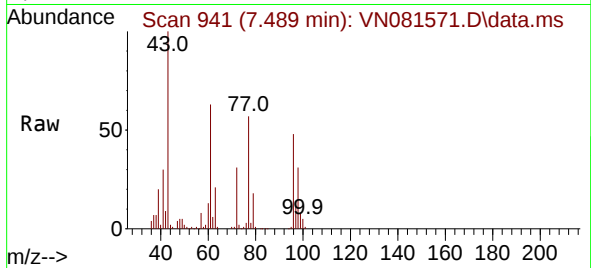
Tgt Ion: 77 Resp: 405752
Ion Ratio Lower Upper
77 100
97 23.1 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 55.883 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081571.D
 Acq: 25 Mar 2024 19:15

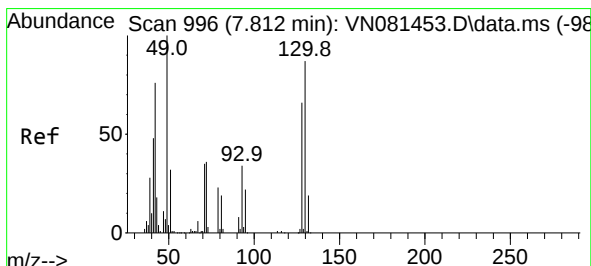
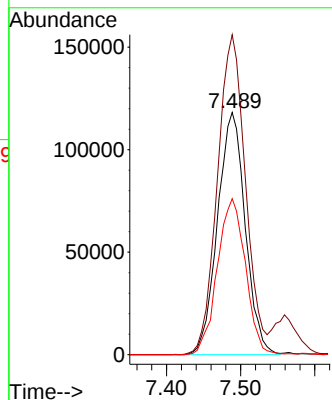
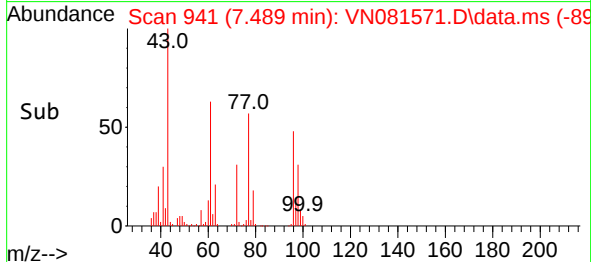
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 30722
 Ion Ratio Lower Upper
 96 100
 61 133.5 0.0 325.4
 98 65.2 0.0 130.4

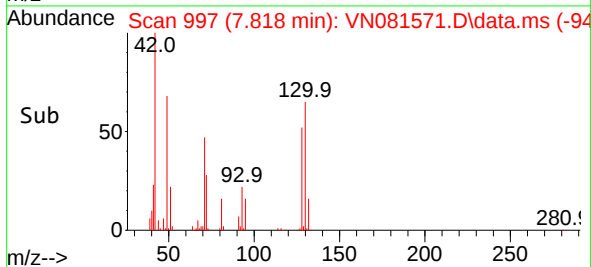
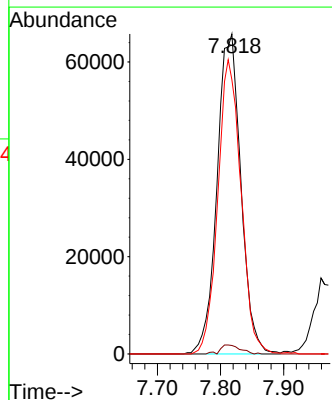
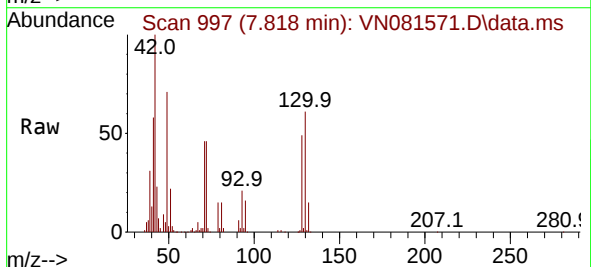
Manual Integrations
 APPROVED

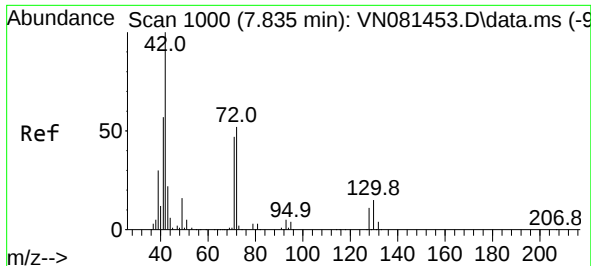
Reviewed By :John Carlone 03/26/2024
 Supervised By :Mahesh Dadoda 03/26/2024



#28
 Bromochloromethane
 Concen: 49.732 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081571.D
 Acq: 25 Mar 2024 19:15

Tgt Ion: 49 Resp: 172140
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 1.6#
 130 89.3 42.3 63.5#





#29

Tetrahydrofuran

Concen: 256.636 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081571.D

Acq: 25 Mar 2024 19:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 45127

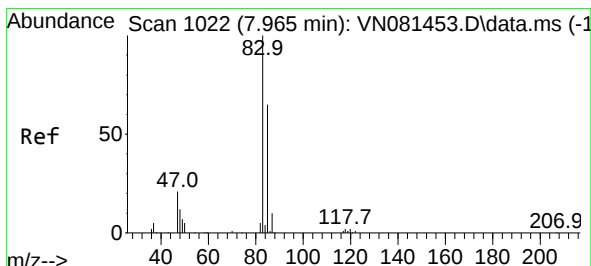
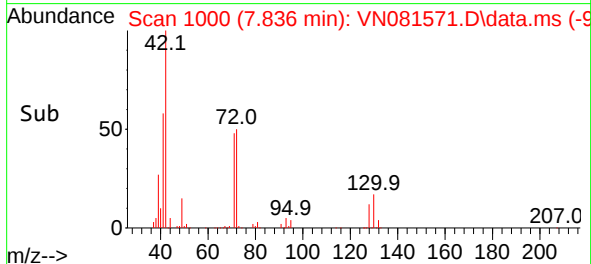
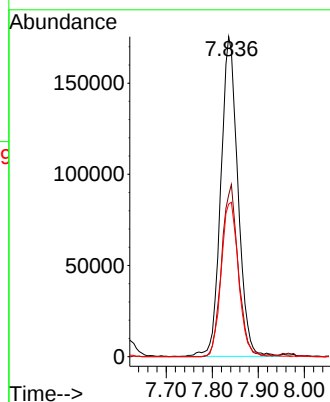
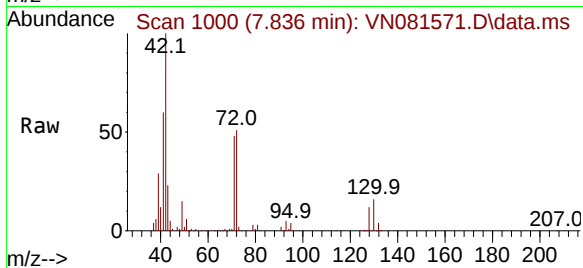
Ion	Ratio	Lower	Upper
42	100		
72	52.3	31.1	46.7
71	48.8	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#30

Chloroform

Concen: 55.567 ug/l

RT: 7.965 min Scan# 1022

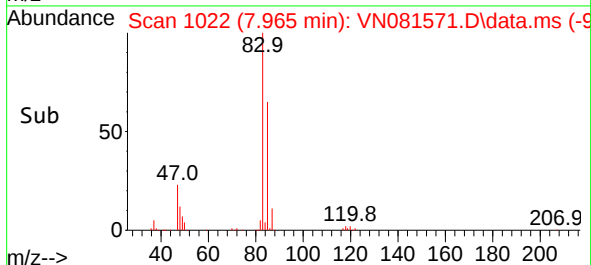
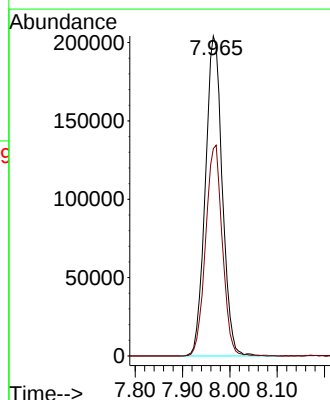
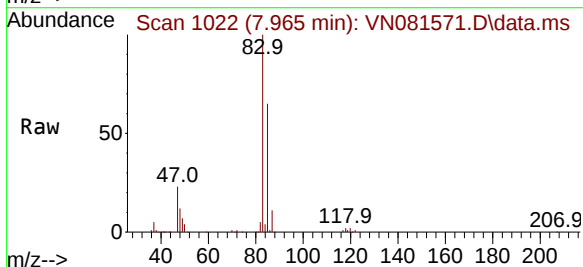
Delta R.T. 0.000 min

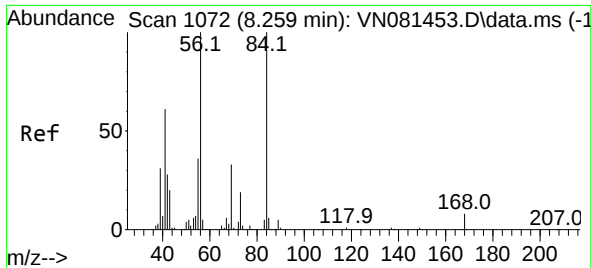
Lab File: VN081571.D

Acq: 25 Mar 2024 19:15

Tgt Ion: 83 Resp: 505518

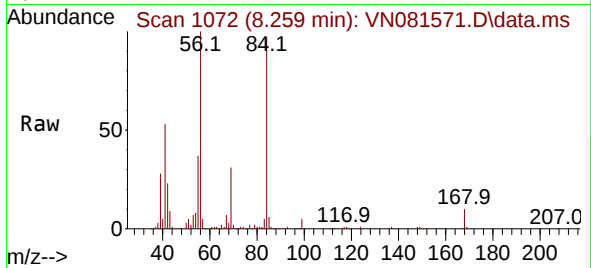
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.0	76.6





#31
Cyclohexane
Concen: 49.154 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

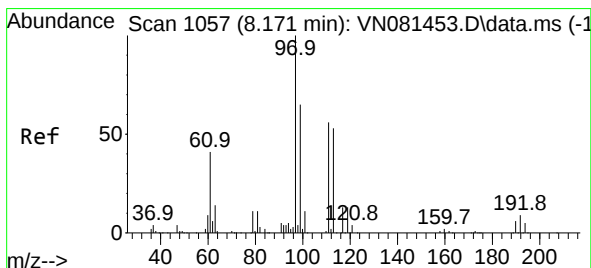
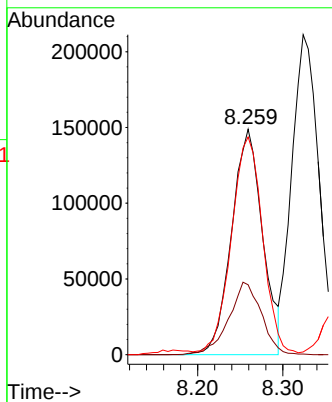
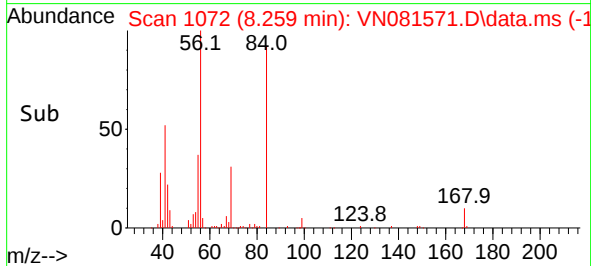
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



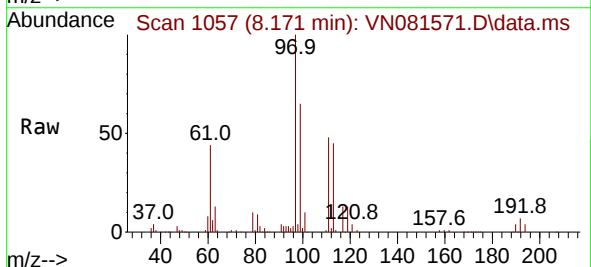
Tgt Ion: 56 Resp: 376654
Ion Ratio Lower Upper
56 100
69 30.9 20.1 30.1
84 94.8 56.9 85.3

Manual Integrations
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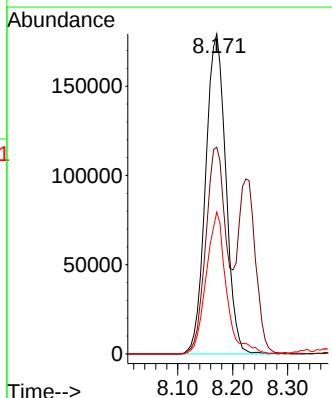
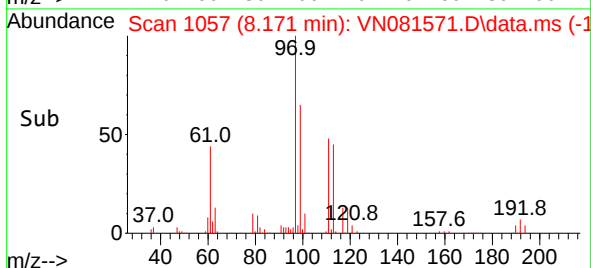
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

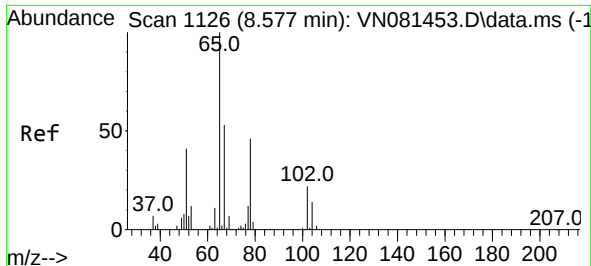


#32
1,1,1-Trichloroethane
Concen: 55.457 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15



Tgt Ion: 97 Resp: 457729
Ion Ratio Lower Upper
97 100
99 66.0 53.4 80.0
61 44.1 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 45.671 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081571.D

Acq: 25 Mar 2024 19:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 21506

Ion Ratio Lower Upper

65 100

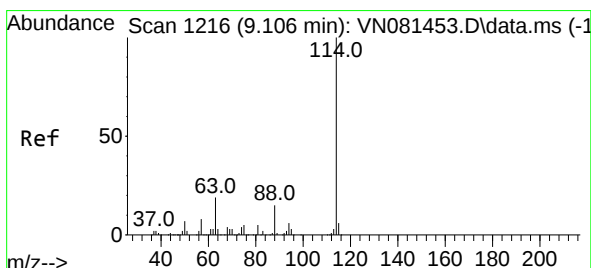
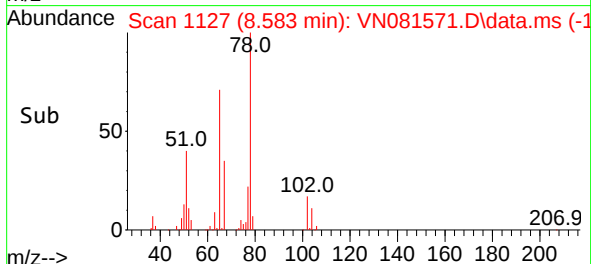
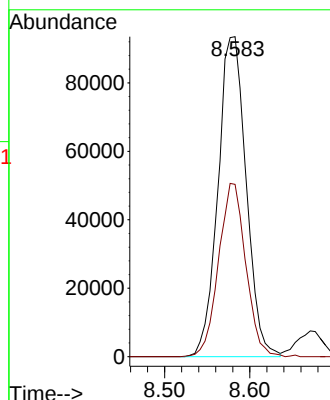
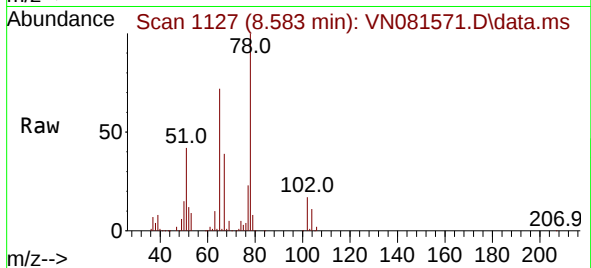
67 52.3 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081571.D

Acq: 25 Mar 2024 19:15

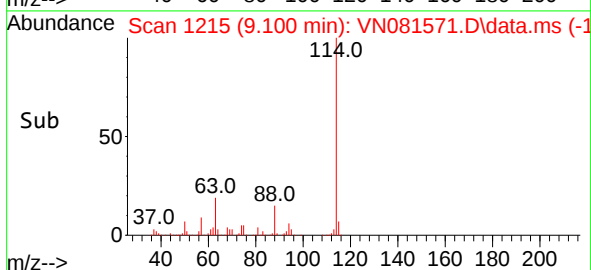
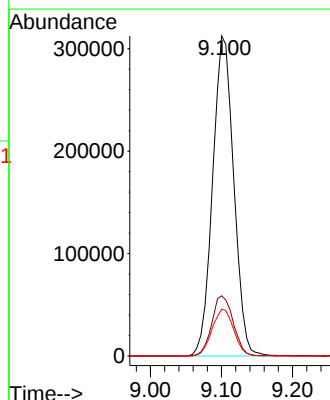
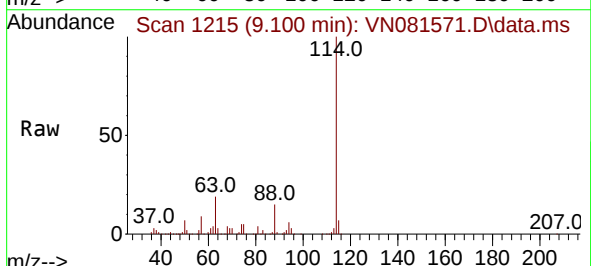
Tgt Ion:114 Resp: 643916

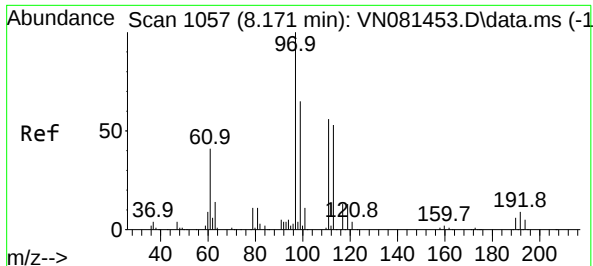
Ion Ratio Lower Upper

114 100

63 18.8 0.0 48.0

88 14.6 0.0 34.8





#35

Dibromofluoromethane

Concen: 47.561 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081571.D

Acq: 25 Mar 2024 19:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 193278

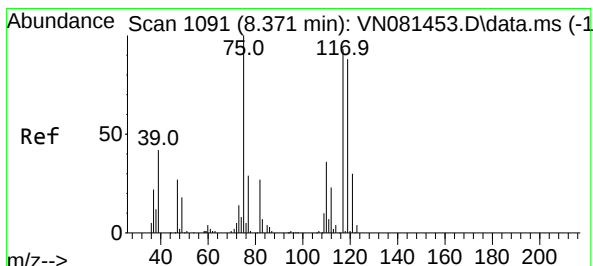
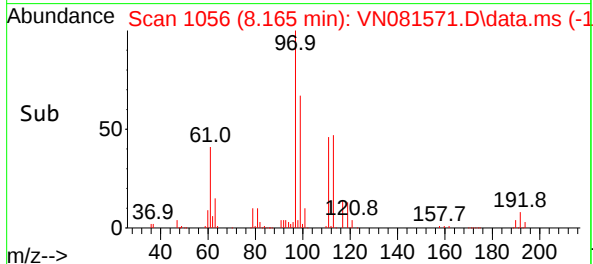
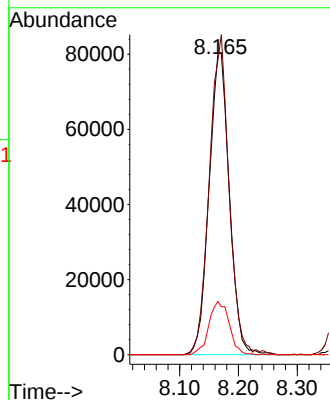
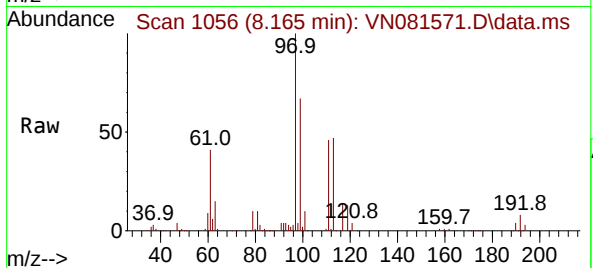
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	17.6	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#36

1,1-Dichloropropene

Concen: 53.358 ug/l

RT: 8.371 min Scan# 1091

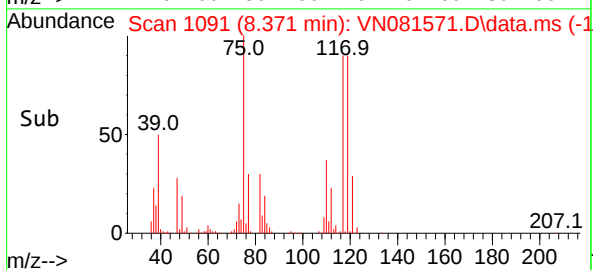
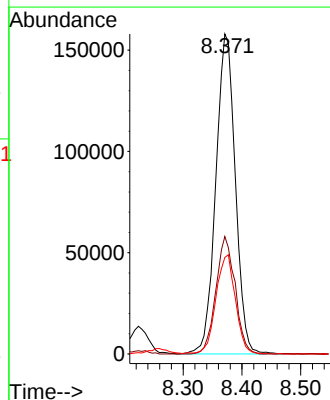
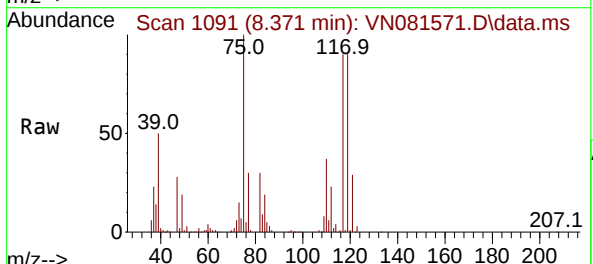
Delta R.T. 0.000 min

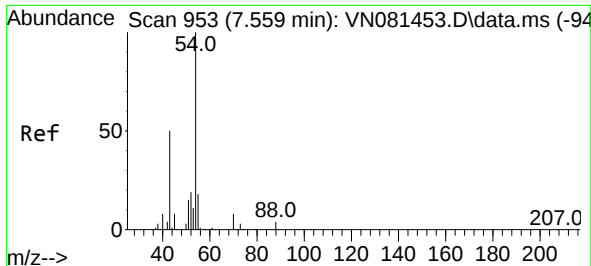
Lab File: VN081571.D

Acq: 25 Mar 2024 19:15

Tgt Ion: 75 Resp: 364903

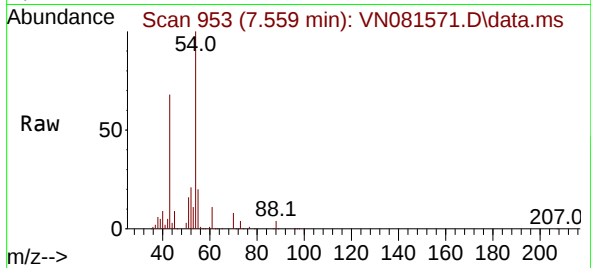
Ion	Ratio	Lower	Upper
75	100		
110	36.0	16.0	48.0
77	31.0	25.8	38.6





#37
Ethyl Acetate
Concen: 50.034 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

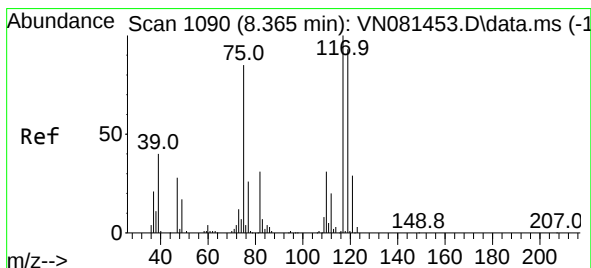
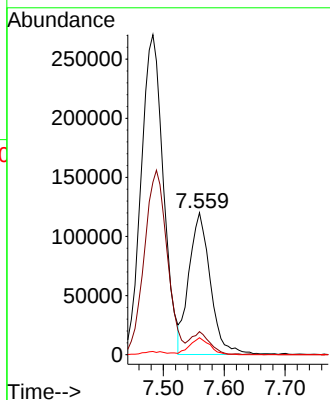
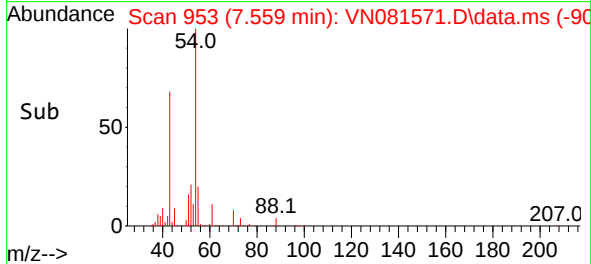
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 293000
Ion Ratio Lower Upper
43 100
61 13.8 10.6 15.8
70 11.4 8.0 12.0

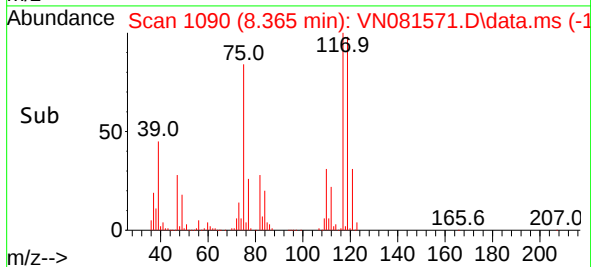
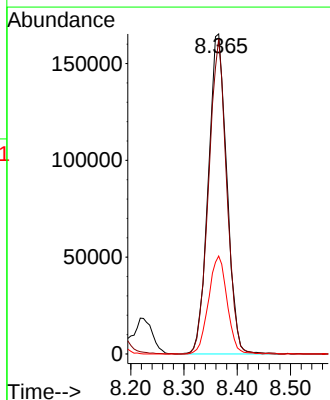
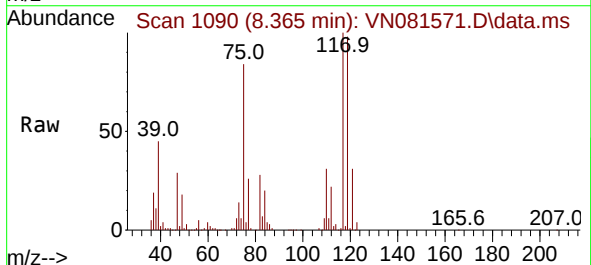
Manual Integrations
APPROVED

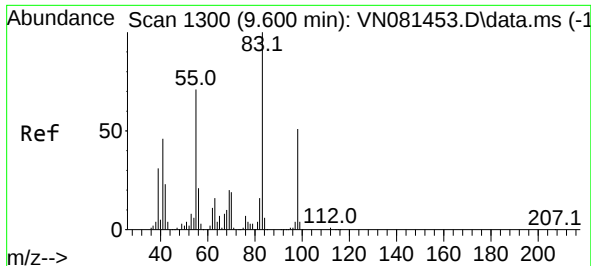
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#38
Carbon Tetrachloride
Concen: 53.264 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

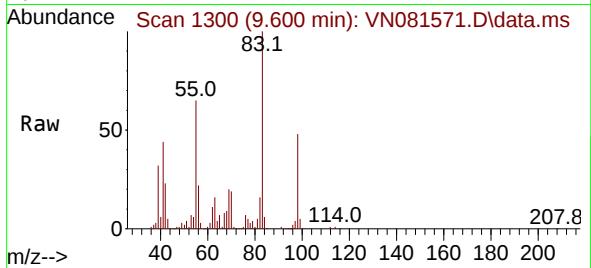
Tgt Ion:117 Resp: 399039
Ion Ratio Lower Upper
117 100
119 98.5 73.4 110.2
121 30.6 24.4 36.6





#39
Methylcyclohexane
Concen: 54.100 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

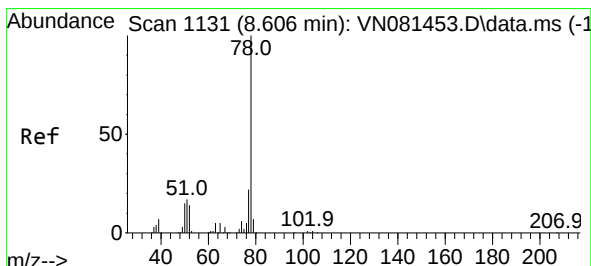
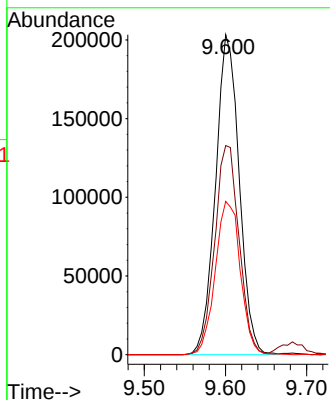
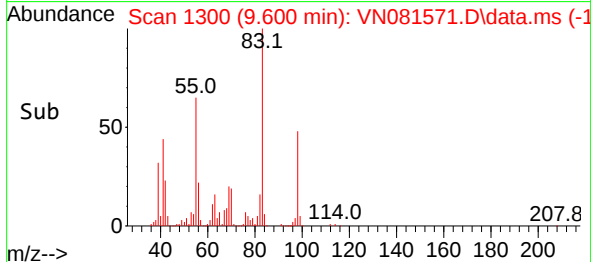
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 41317
Ion Ratio Lower Upper
83 100
55 65.4 65.7 98.5
98 47.9 33.8 50.6

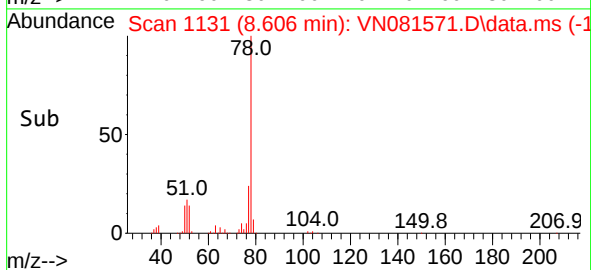
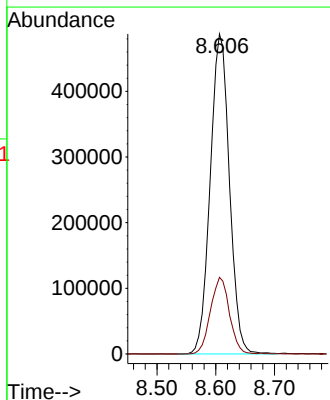
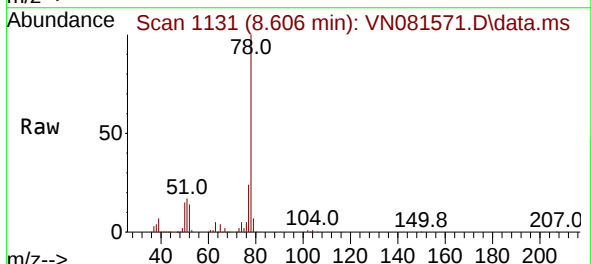
Manual Integrations
APPROVED

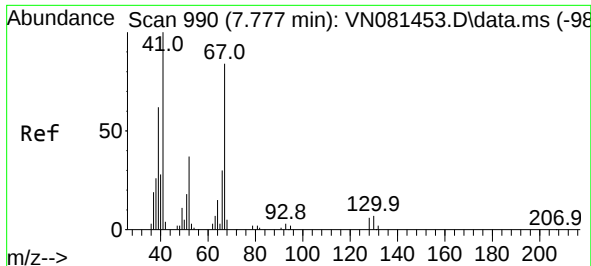
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#40
Benzene
Concen: 55.354 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

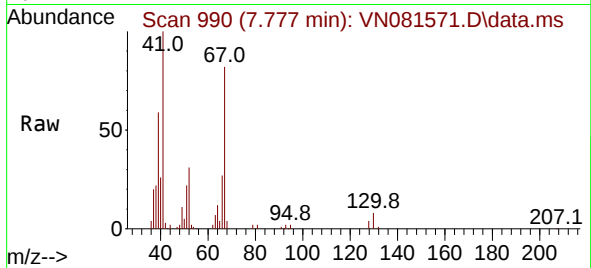
Tgt Ion: 78 Resp: 1106734
Ion Ratio Lower Upper
78 100
77 23.9 20.4 30.6





#41
Methacrylonitrile
Concen: 49.482 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

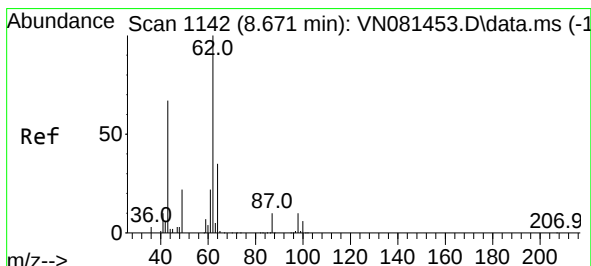
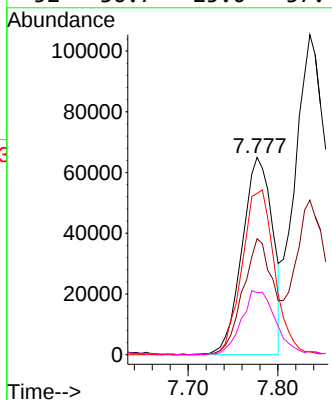
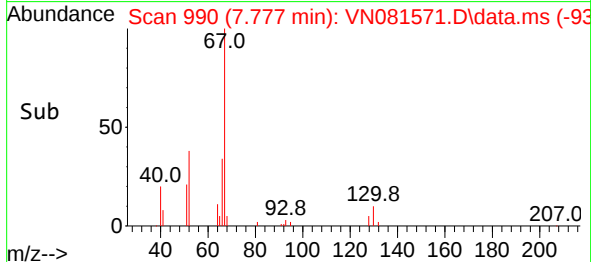
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



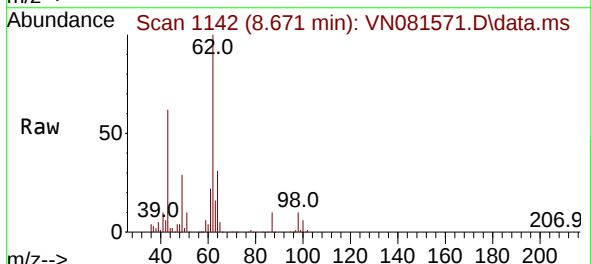
Tgt Ion: 41 Resp: 153244
Ion Ratio Lower Upper
41 100
39 56.8 48.4 72.6
67 89.2 56.8 85.2
52 36.7 25.0 37.4

Manual Integrations
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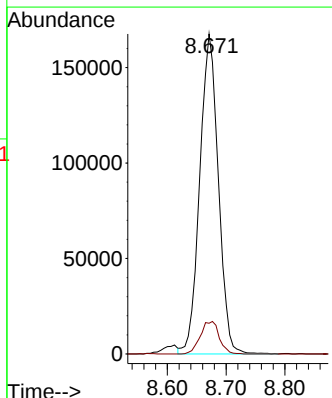
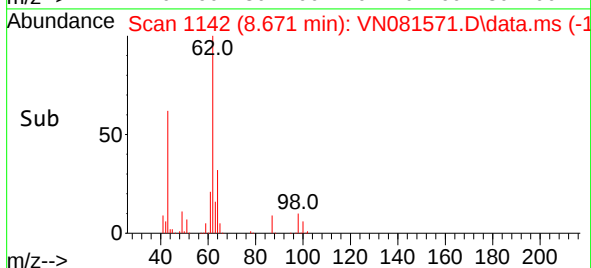
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

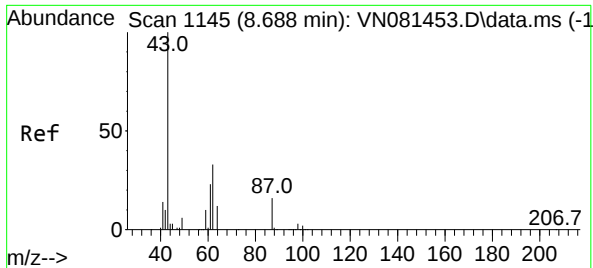


#42
1,2-Dichloroethane
Concen: 52.415 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15



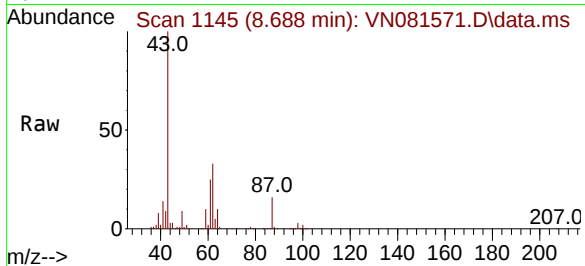
Tgt Ion: 62 Resp: 368810
Ion Ratio Lower Upper
62 100
98 10.3 0.0 18.0





#43
Isopropyl Acetate
Concen: 52.235 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

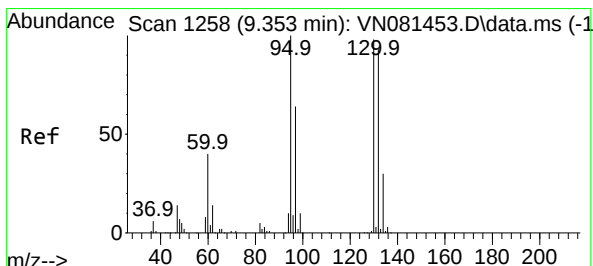
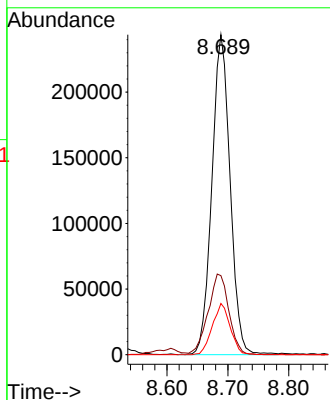
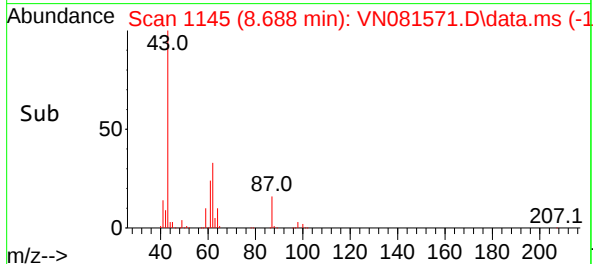
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 507048
Ion Ratio Lower Upper
43 100
61 28.7 19.9 29.9
87 15.7 9.0 13.6

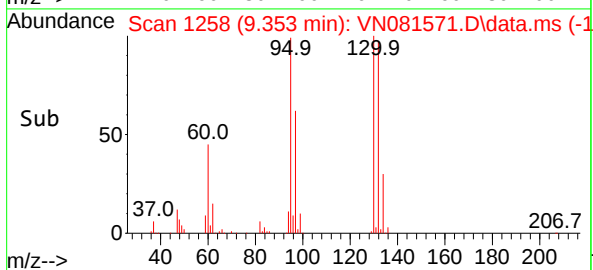
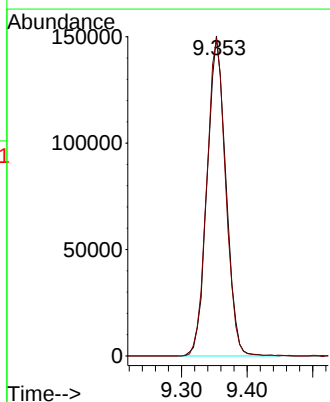
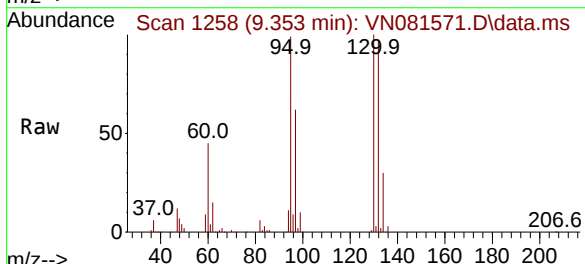
Manual Integrations
APPROVED

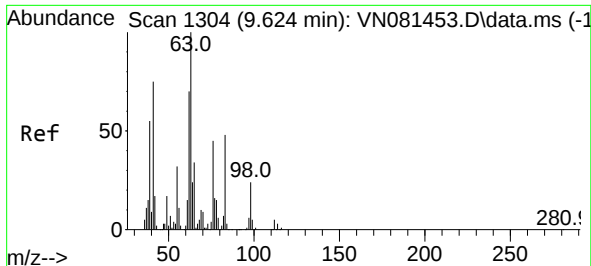
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#44
Trichloroethene
Concen: 53.126 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

Tgt Ion:130 Resp: 298742
Ion Ratio Lower Upper
130 100
95 98.9 0.0 210.4





#45

1,2-Dichloropropane

Concen: 56.647 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081571.D

Acq: 25 Mar 2024 19:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 27448

Ion Ratio Lower Upper

63 100

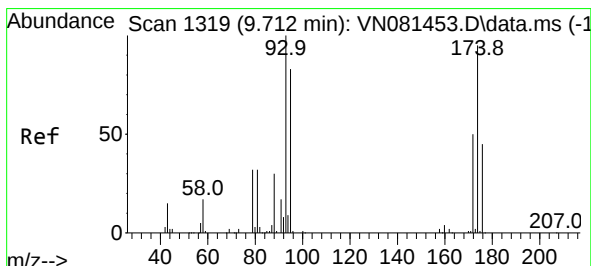
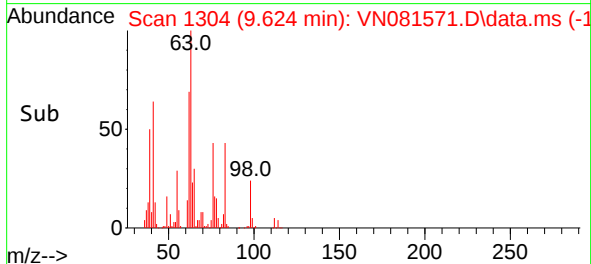
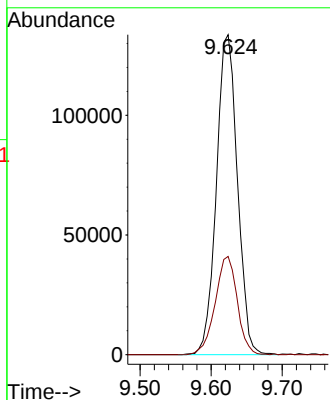
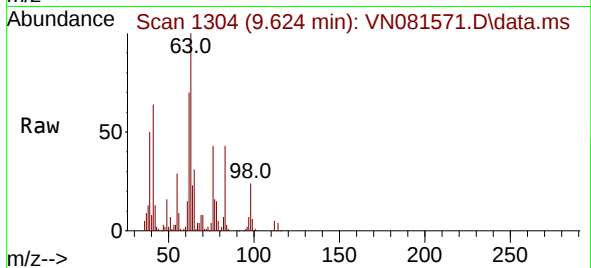
65 30.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#46

Dibromomethane

Concen: 54.415 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081571.D

Acq: 25 Mar 2024 19:15

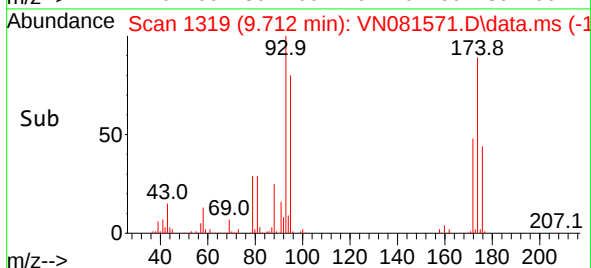
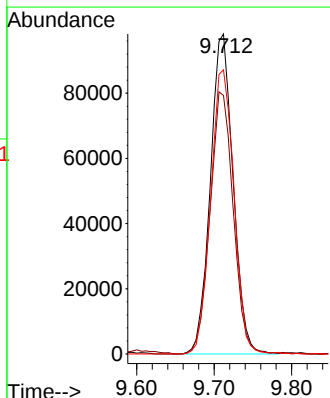
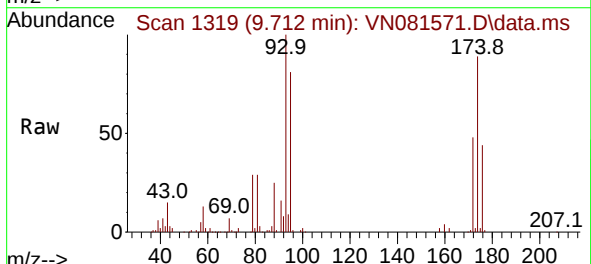
Tgt Ion: 93 Resp: 200239

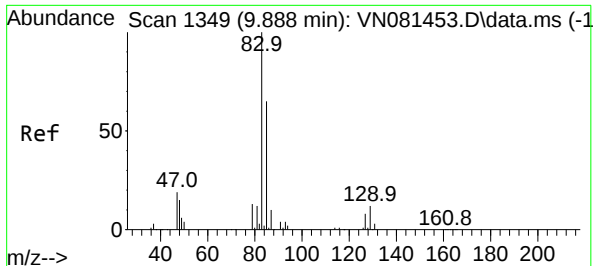
Ion Ratio Lower Upper

93 100

95 83.6 68.1 102.1

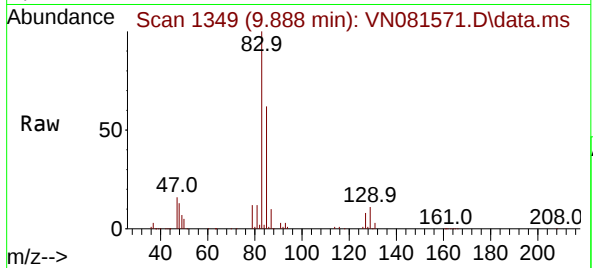
174 91.0 57.2 85.8#





#47
Bromodichloromethane
Concen: 57.070 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

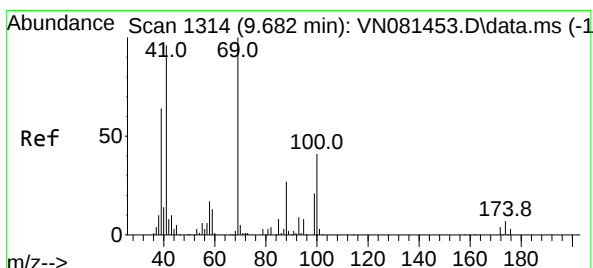
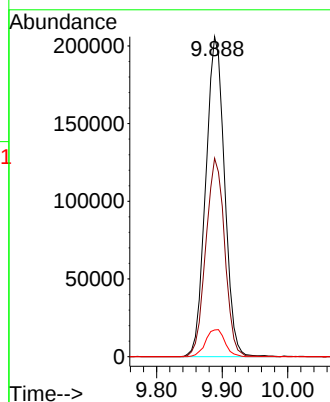
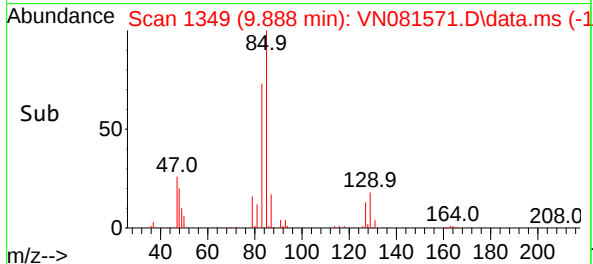
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



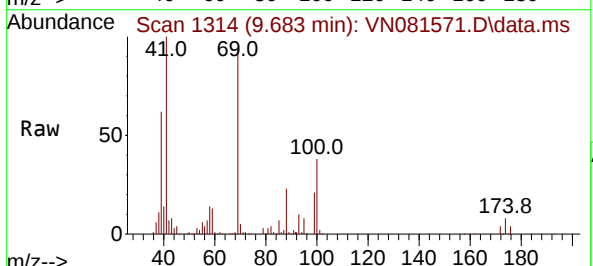
Tgt Ion: 83 Resp: 410597
Ion Ratio Lower Upper
83 100
85 62.0 52.3 78.5
127 8.3 4.6 7.0

Manual Integrations
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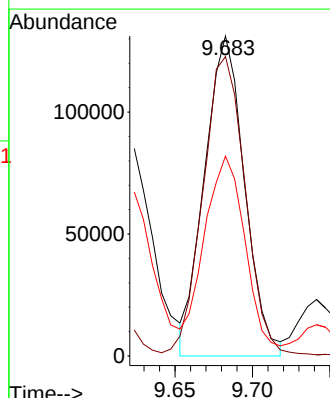
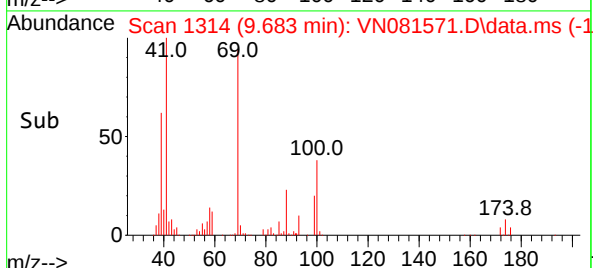
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

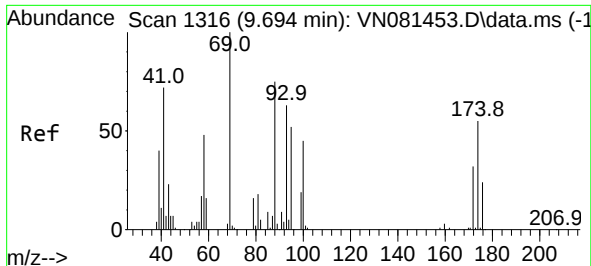


#48
Methyl methacrylate
Concen: 52.610 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15



Tgt Ion: 41 Resp: 235549
Ion Ratio Lower Upper
41 100
69 99.4 62.2 93.2#
39 64.7 47.6 71.4





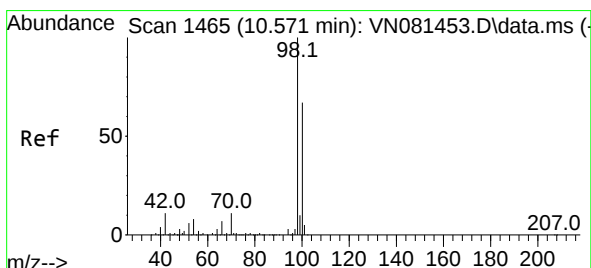
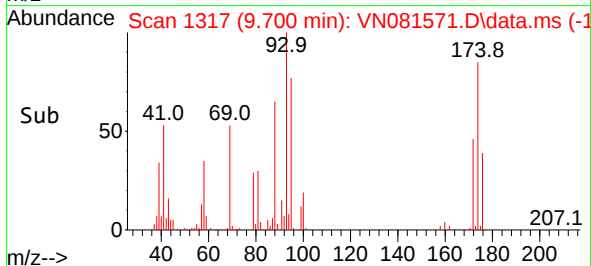
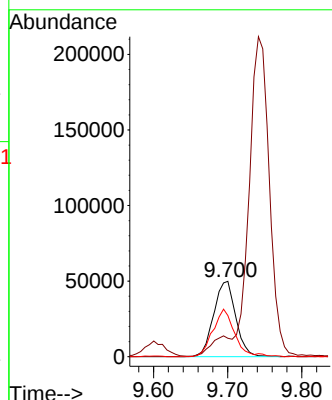
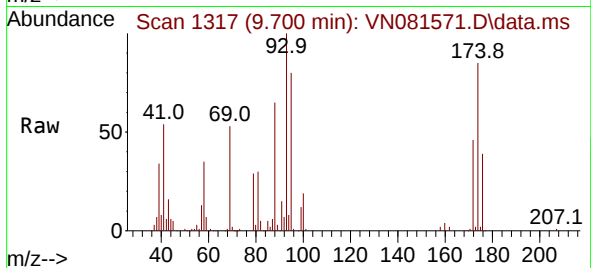
#49
1,4-Dioxane
Concen: 958.692 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 103152
Ion Ratio Lower Upper
88 100
43 25.8 30.1 45.1
58 62.3 63.9 95.9

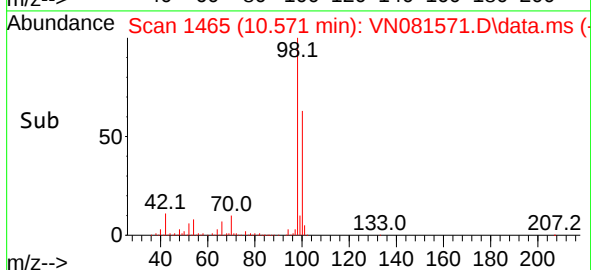
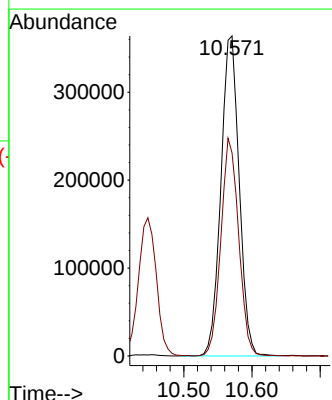
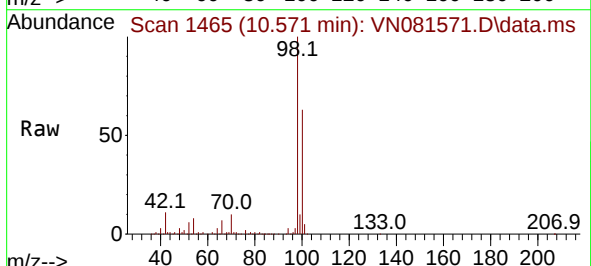
Manual Integrations
APPROVED

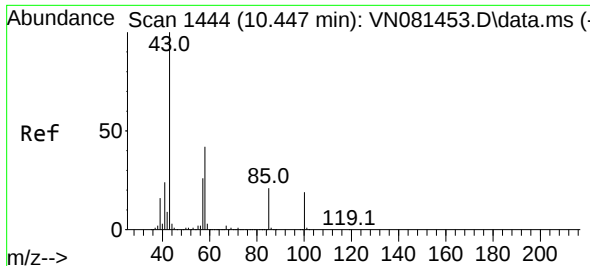
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#50
Toluene-d8
Concen: 46.244 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

Tgt Ion: 98 Resp: 679325
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0





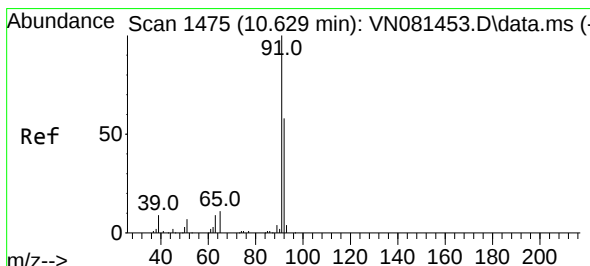
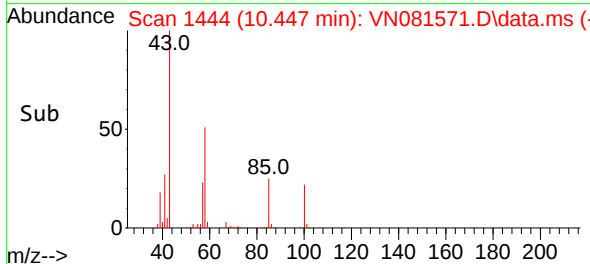
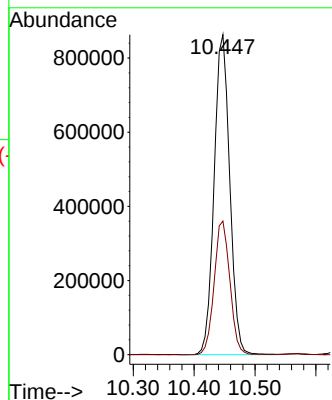
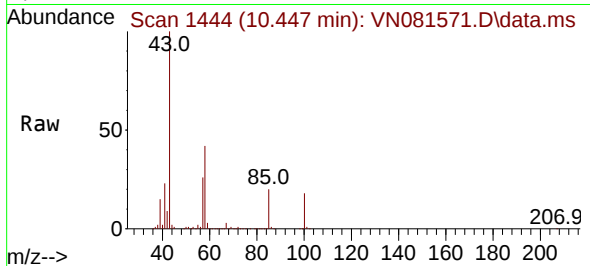
#51
4-Methyl-2-Pentanone
Concen: 259.650 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1537959
Ion Ratio Lower Upper
43 100
58 41.9 29.4 44.0

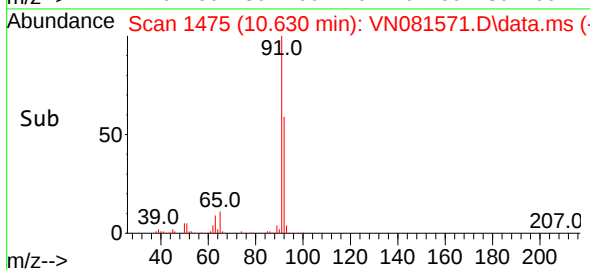
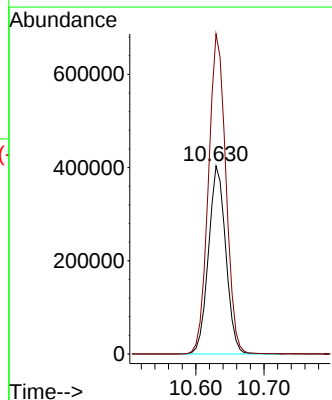
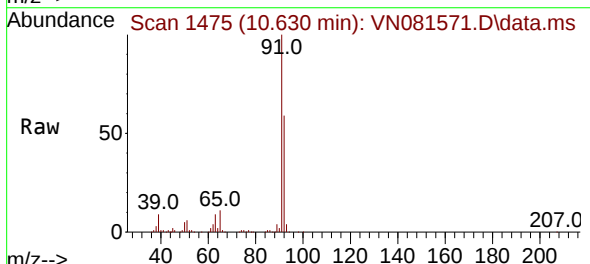
Manual Integrations
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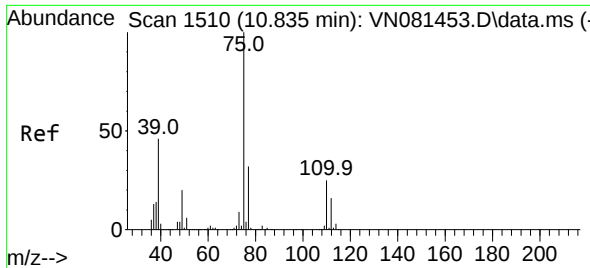
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#52
Toluene
Concen: 56.030 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

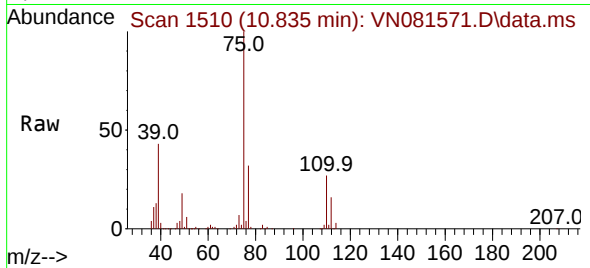
Tgt Ion: 92 Resp: 712025
Ion Ratio Lower Upper
92 100
91 172.0 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 55.395 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

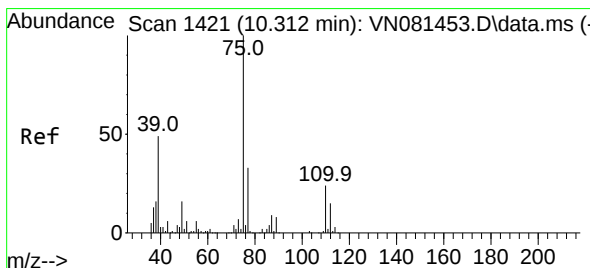
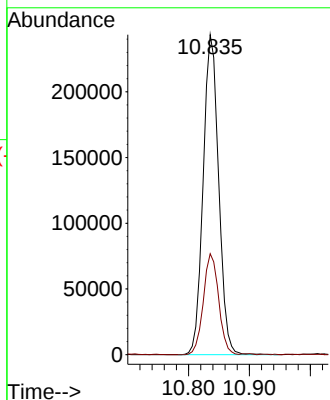
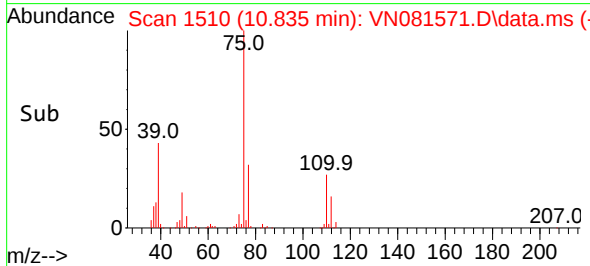
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



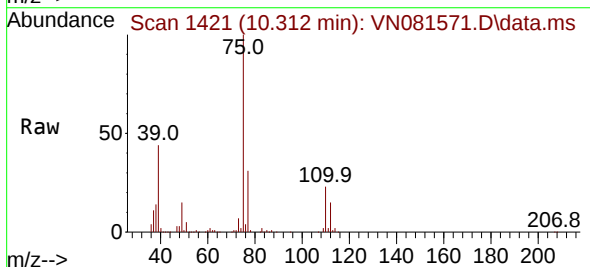
Tgt Ion: 75 Resp: 430350
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3

Manual Integrations
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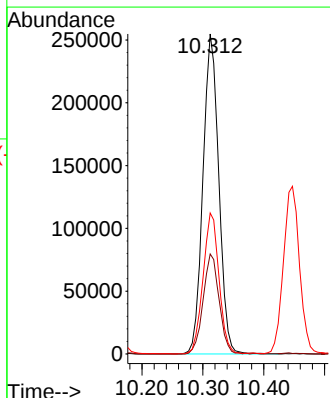
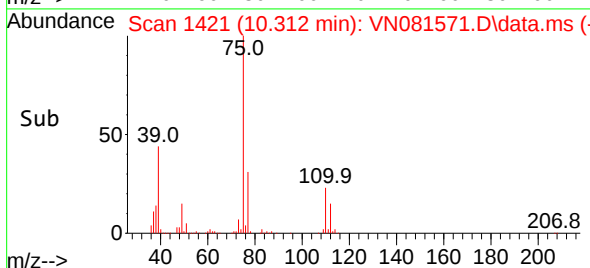
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

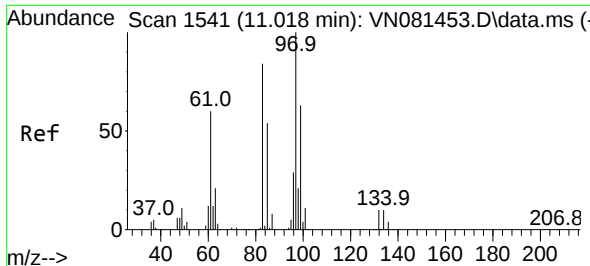


#54
cis-1,3-Dichloropropene
Concen: 55.232 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15



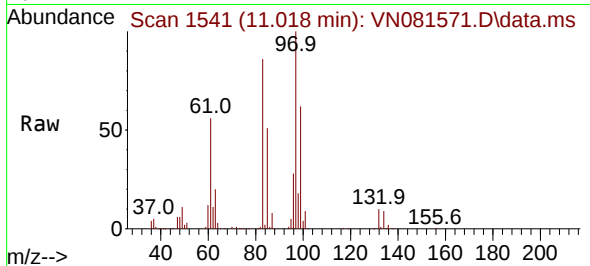
Tgt Ion: 75 Resp: 460053
Ion Ratio Lower Upper
75 100
77 31.3 23.3 34.9
39 44.0 44.6 66.8#





#55
1,1,2-Trichloroethane
Concen: 55.071 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

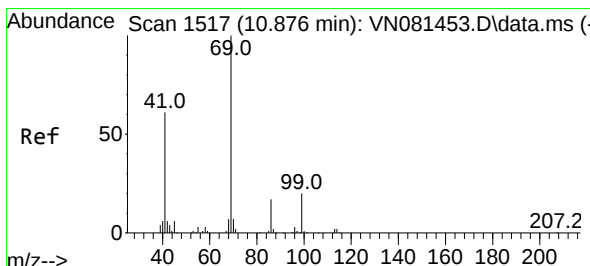
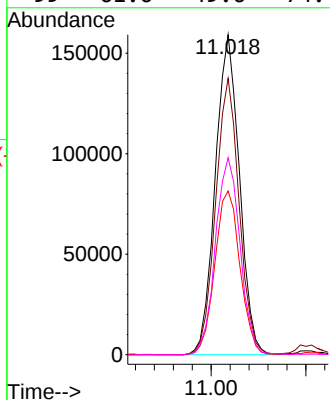
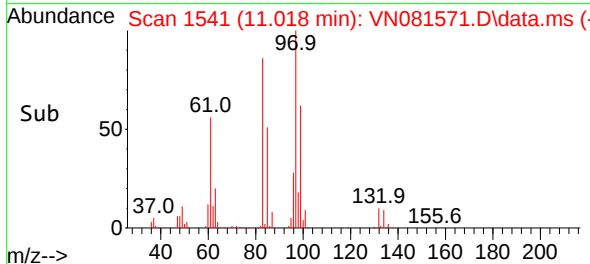
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



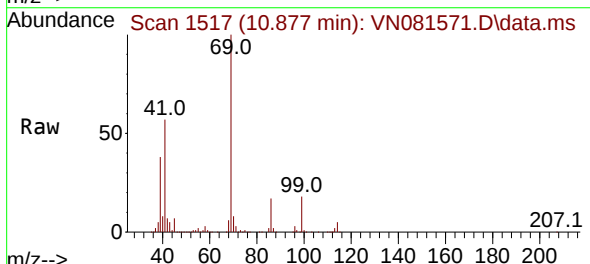
Tgt Ion: 97 Resp: 281644
Ion Ratio Lower Upper
97 100
83 86.4 72.9 109.3
85 51.1 50.2 75.2
99 61.6 49.6 74.4

Manual Integrations
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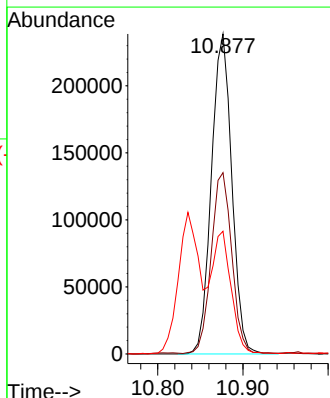
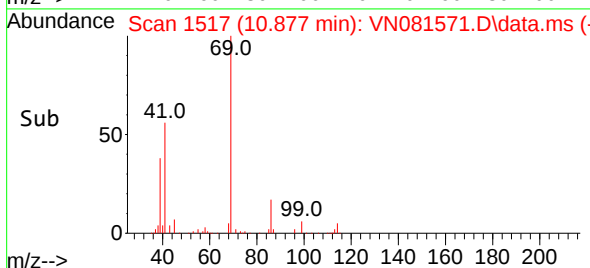
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

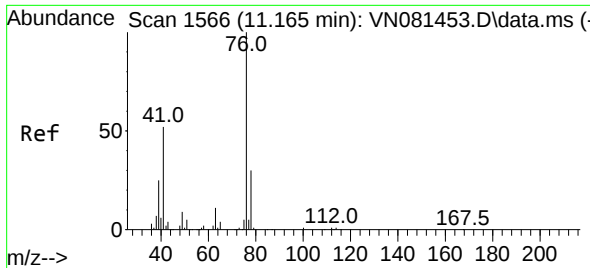


#56
Ethyl methacrylate
Concen: 51.895 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15



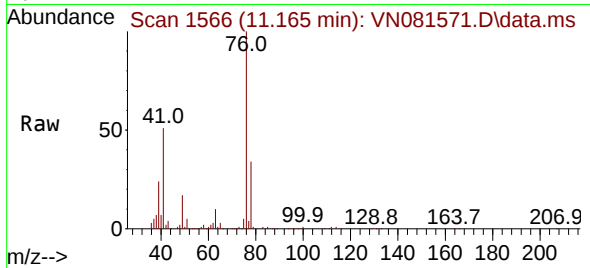
Tgt Ion: 69 Resp: 396773
Ion Ratio Lower Upper
69 100
41 56.9 61.0 91.6#
39 33.6 31.8 47.6





#57
1,3-Dichloropropane
Concen: 56.464 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

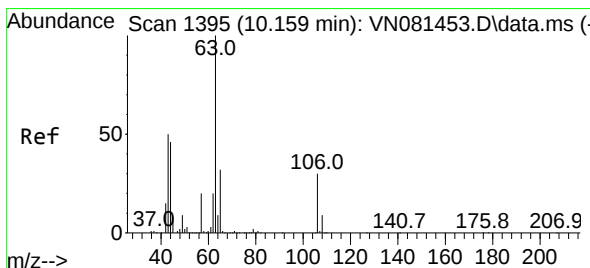
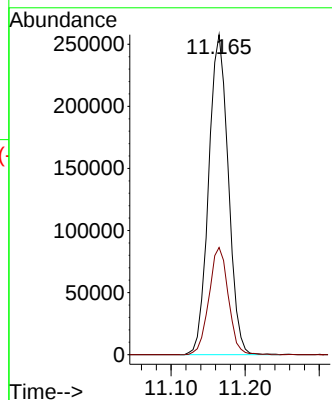
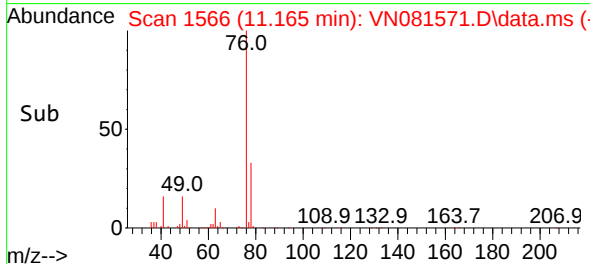
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 473388
Ion Ratio Lower Upper
76 100
78 33.1 25.5 38.3

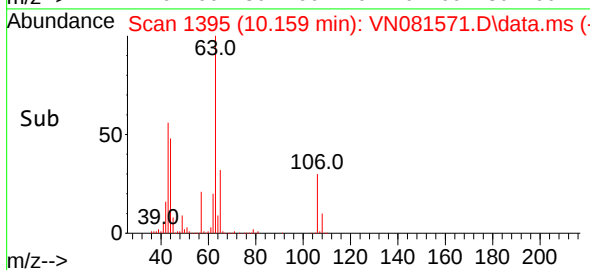
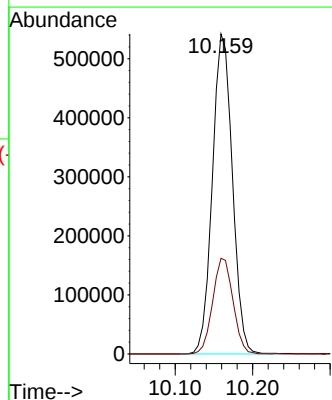
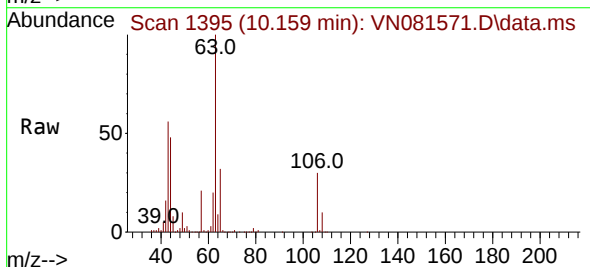
Manual Integrations
APPROVED

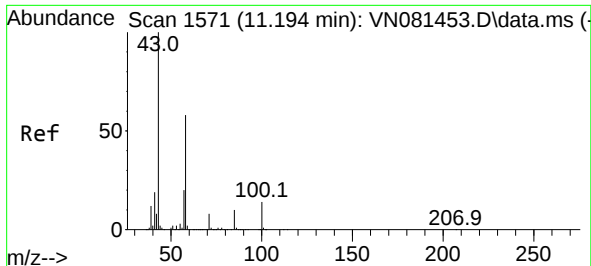
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#58
2-Chloroethyl Vinyl ether
Concen: 302.363 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

Tgt Ion: 63 Resp: 973001
Ion Ratio Lower Upper
63 100
106 30.3 18.6 28.0#





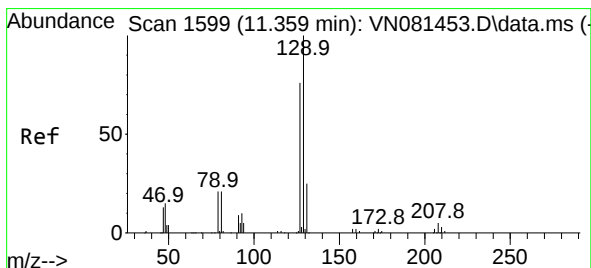
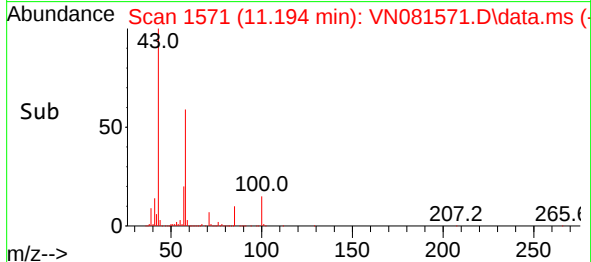
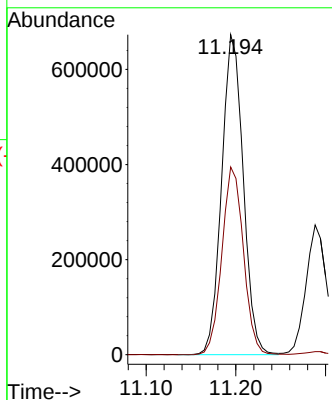
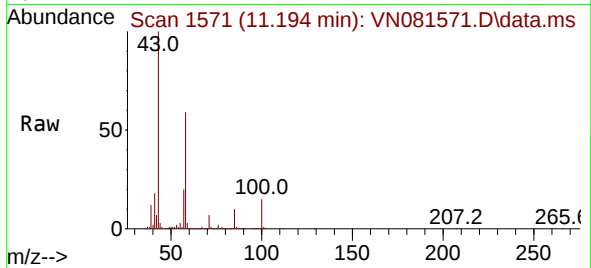
#59
2-Hexanone
Concen: 256.823 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1124698
Ion Ratio Lower Upper
43 100
58 58.5 25.9 77.8

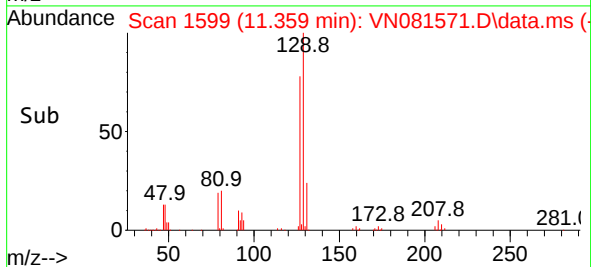
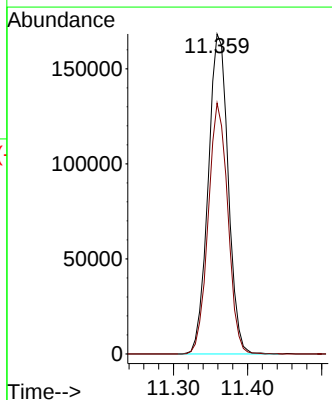
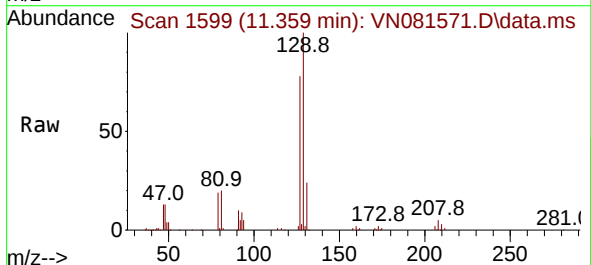
Manual Integrations
APPROVED

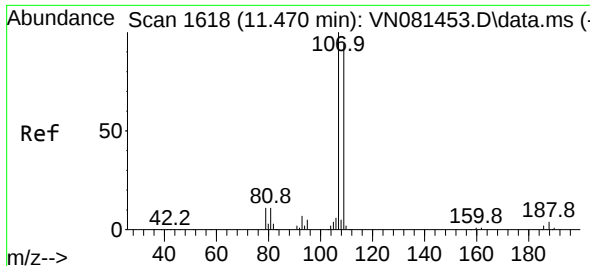
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#60
Dibromochloromethane
Concen: 56.140 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

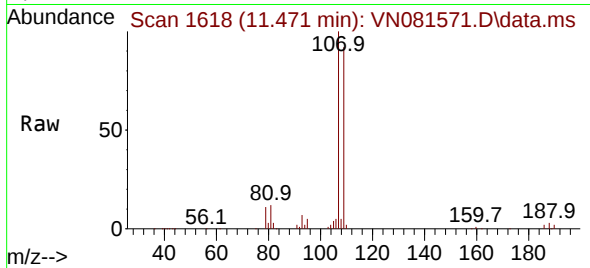
Tgt Ion:129 Resp: 315756
Ion Ratio Lower Upper
129 100
127 76.6 39.4 118.2





#61
1,2-Dibromoethane
Concen: 55.367 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

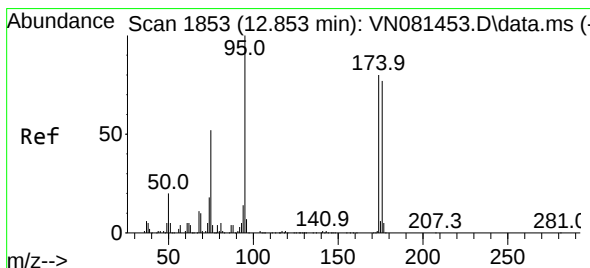
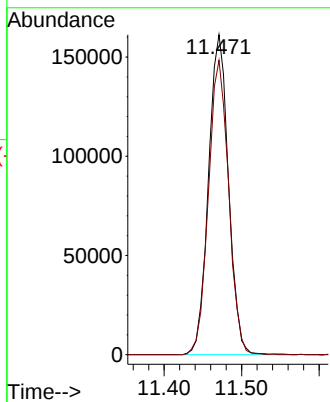
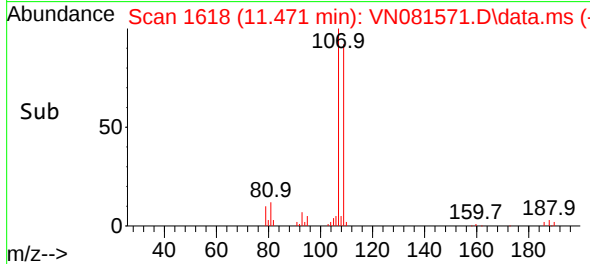
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



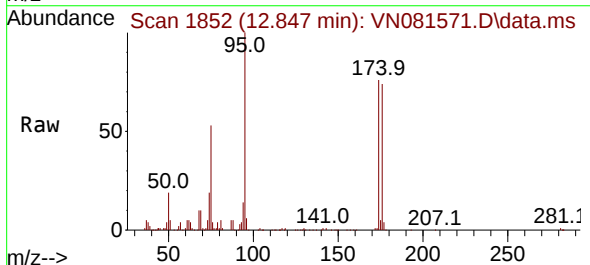
Tgt Ion:107 Resp: 288680
Ion Ratio Lower Upper
107 100
109 93.1 73.4 110.2

Manual Integrations
APPROVED

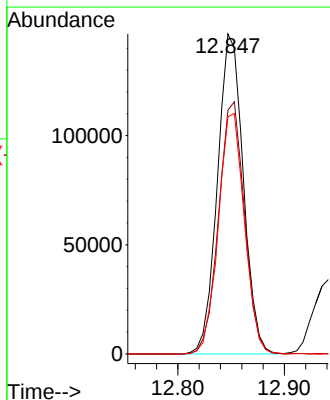
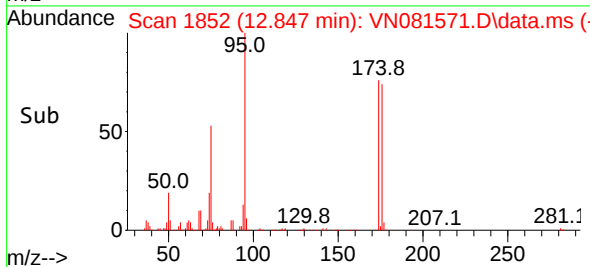
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

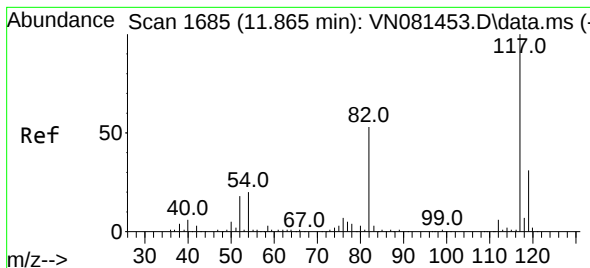


#62
4-Bromofluorobenzene
Concen: 47.602 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15



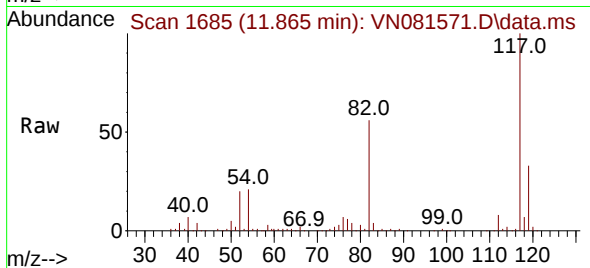
Tgt Ion: 95 Resp: 246400
Ion Ratio Lower Upper
95 100
174 79.2 0.0 120.4
176 76.0 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

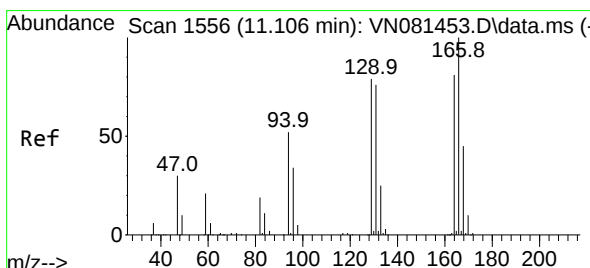
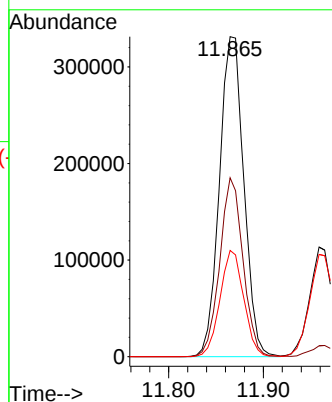
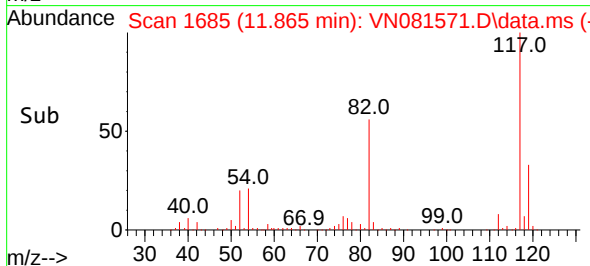
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 59368
Ion Ratio Lower Upper
117 100
82 55.9 52.7 79.1
119 33.2 25.3 37.9

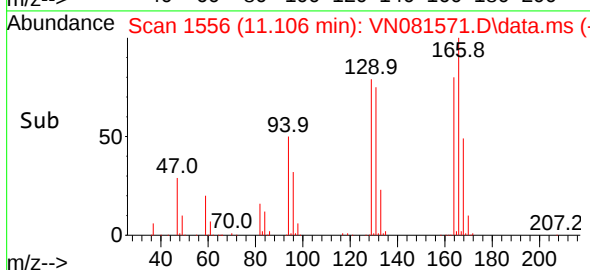
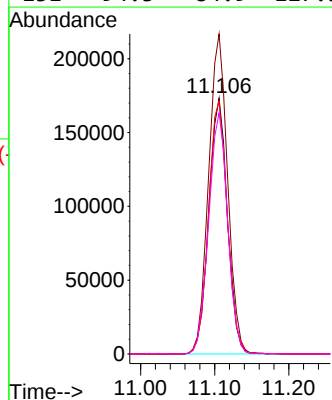
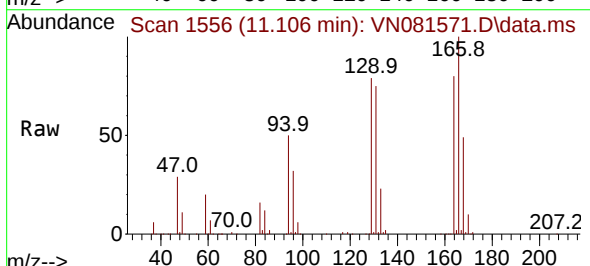
Manual Integrations
APPROVED

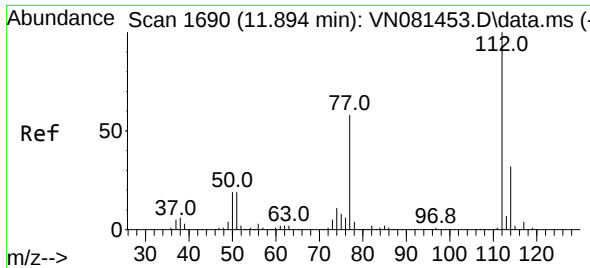
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#64
Tetrachloroethene
Concen: 53.627 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

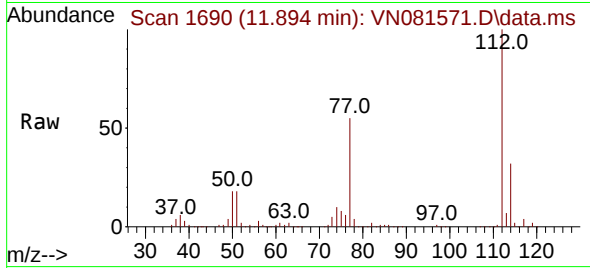
Tgt Ion:164 Resp: 304331
Ion Ratio Lower Upper
164 100
166 125.1 105.8 158.6
129 99.0 89.6 134.4
131 94.3 84.9 127.3





#65
Chlorobenzene
Concen: 54.429 ug/l
RT: 11.894 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

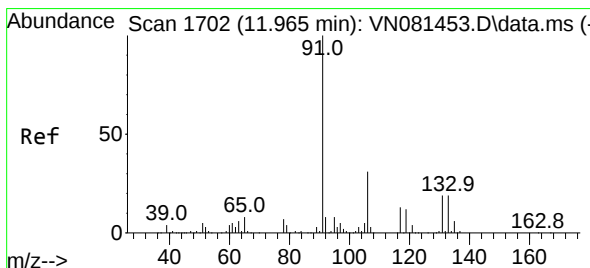
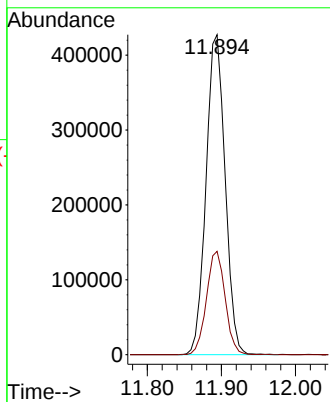
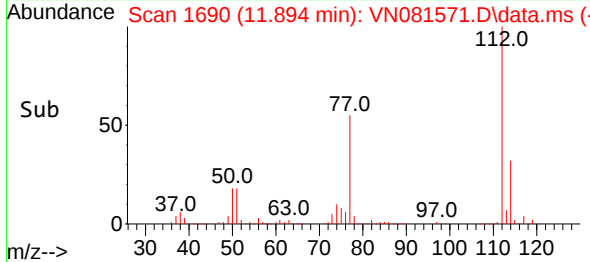
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



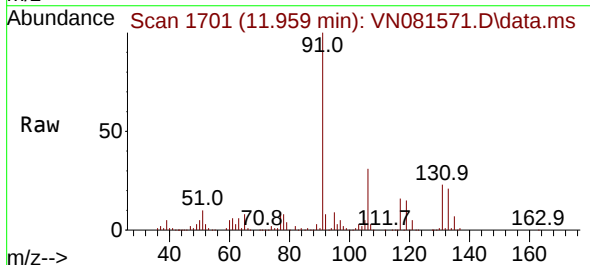
Tgt Ion:112 Resp: 76389
Ion Ratio Lower Upper
112 100
114 32.3 23.7 35.5

Manual Integrations
APPROVED

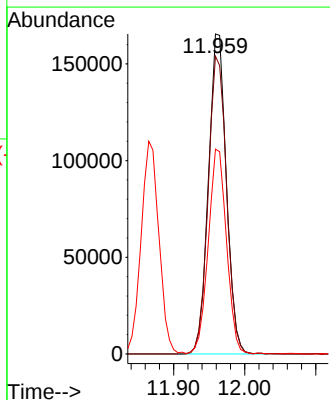
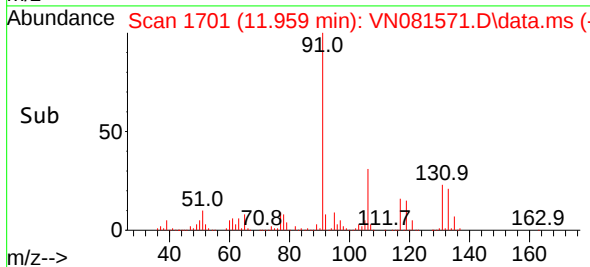
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

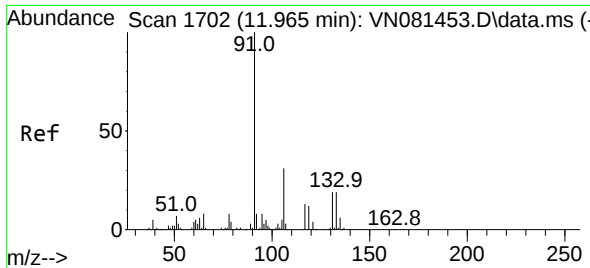


#66
1,1,1,2-Tetrachloroethane
Concen: 55.747 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15



Tgt Ion:131 Resp: 289979
Ion Ratio Lower Upper
131 100
133 95.5 46.8 140.3
119 65.3 34.6 103.9





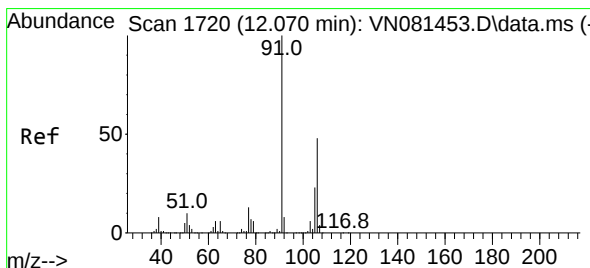
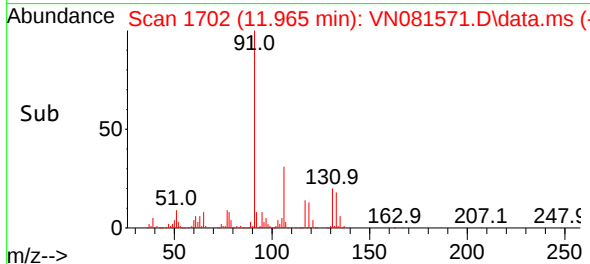
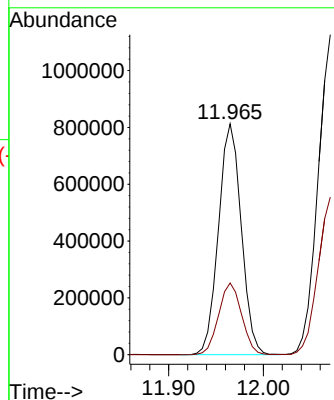
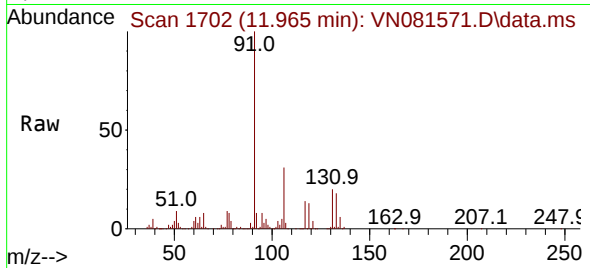
#67
Ethyl Benzene
Concen: 55.667 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1357118
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.6

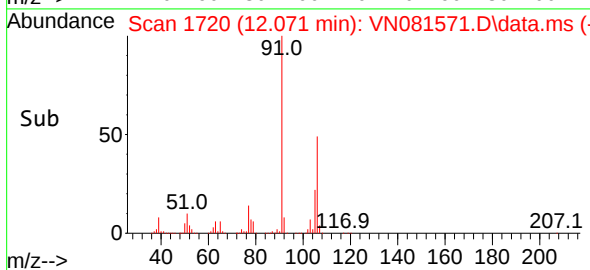
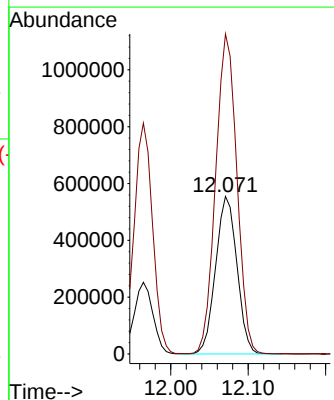
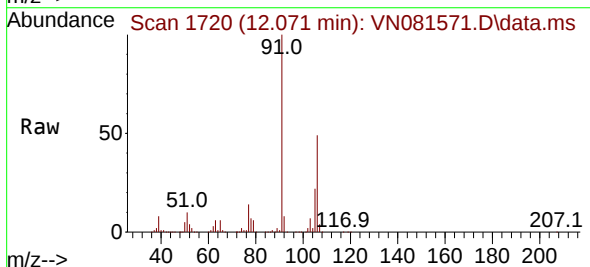
Manual Integrations
APPROVED

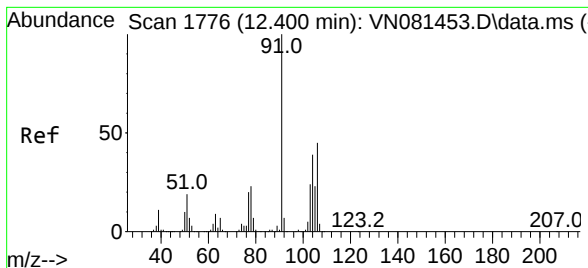
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#68
m/p-Xylenes
Concen: 116.002 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

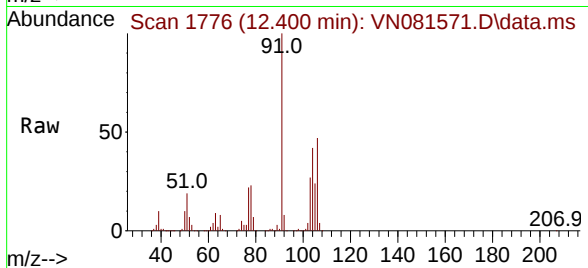
Tgt Ion:106 Resp: 1060194
Ion Ratio Lower Upper
106 100
91 202.1 169.0 253.6





#69
o-Xylene
Concen: 57.419 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

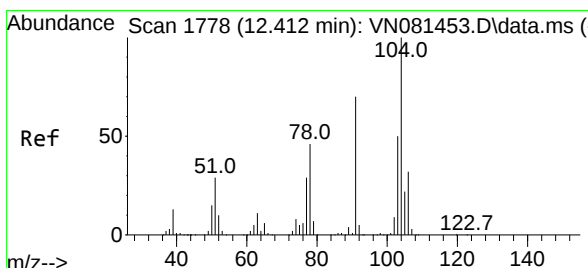
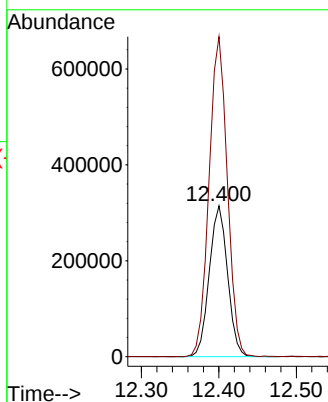
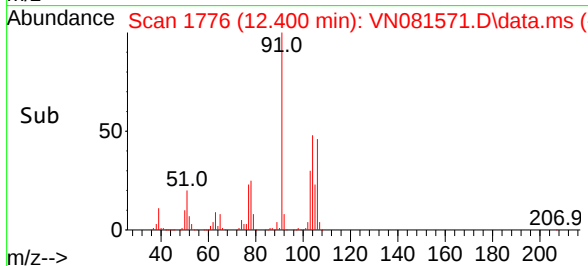
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 515190
Ion Ratio Lower Upper
106 100
91 212.5 112.1 336.3

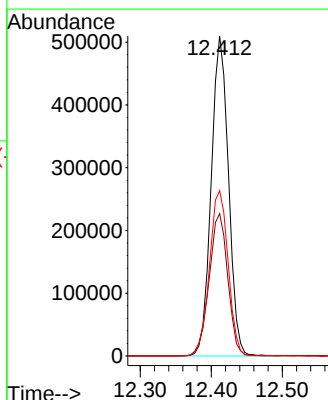
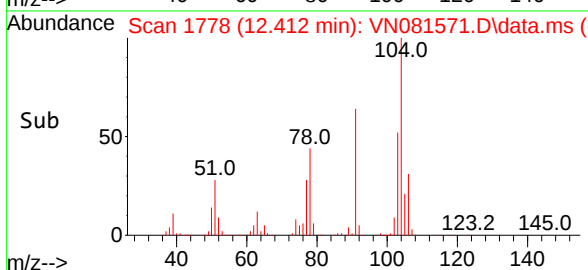
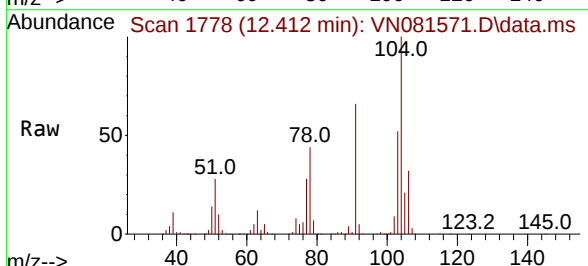
Manual Integrations
APPROVED

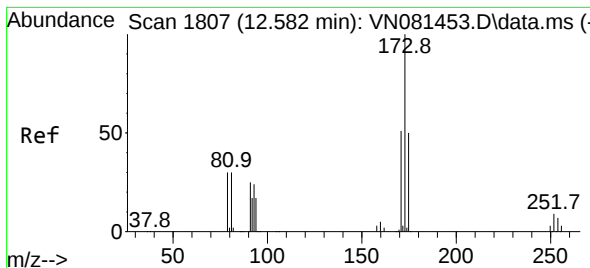
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#70
Styrene
Concen: 59.404 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

Tgt Ion:104 Resp: 859623
Ion Ratio Lower Upper
104 100
78 48.0 43.8 65.8
103 55.8 44.2 66.2





#71

Bromoform

Concen: 54.311 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN081571.D

Acq: 25 Mar 2024 19:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

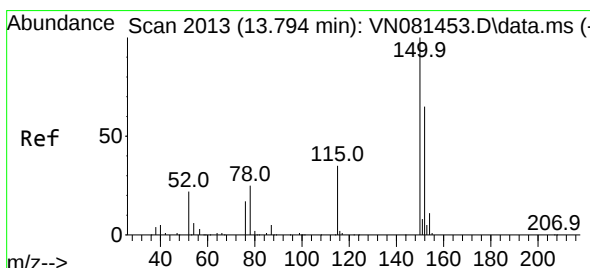
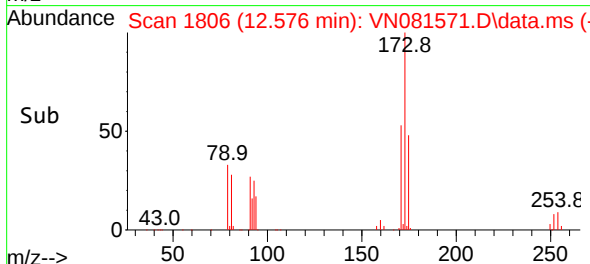
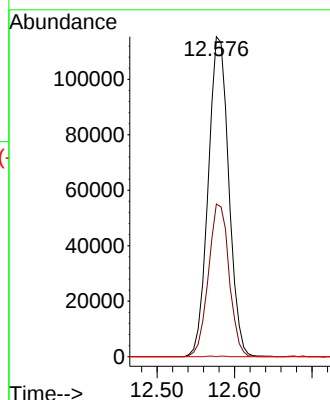
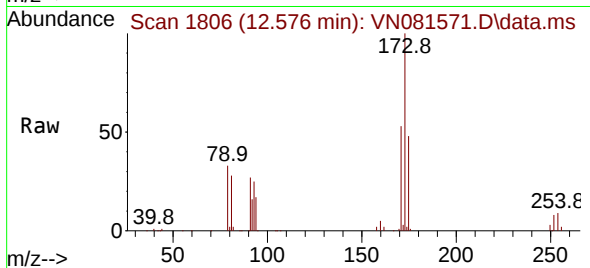
Tgt Ion:173	Resp: 21229
Ion Ratio	Lower Upper
173	100
175	47.9 23.1 69.2
254	0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

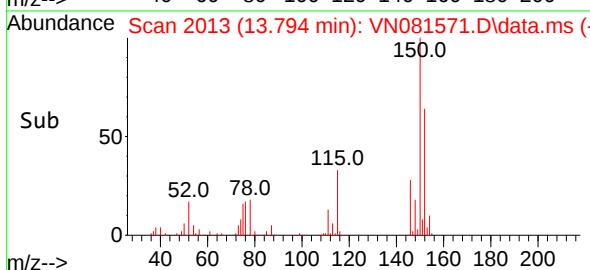
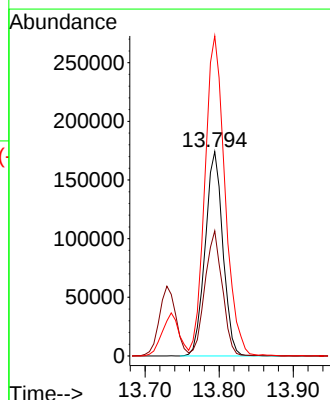
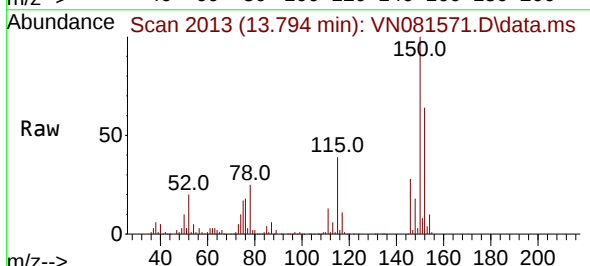
RT: 13.794 min Scan# 2013

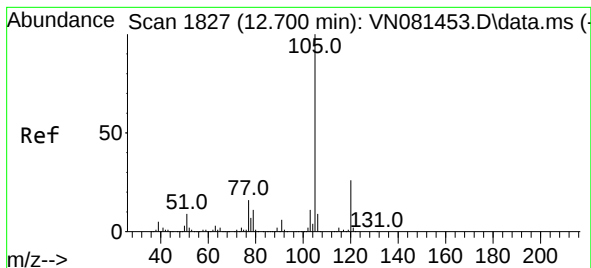
Delta R.T. 0.000 min

Lab File: VN081571.D

Acq: 25 Mar 2024 19:15

Tgt Ion:152	Resp: 289159
Ion Ratio	Lower Upper
152	100
115	59.9 32.3 96.8
150	177.6 0.0 339.8





#73

Isopropylbenzene

Concen: 54.456 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN081571.D

Acq: 25 Mar 2024 19:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 134224

Ion Ratio Lower Upper

105 100

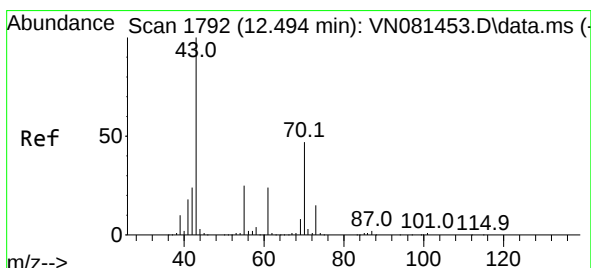
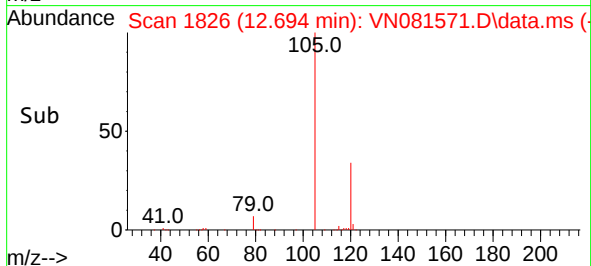
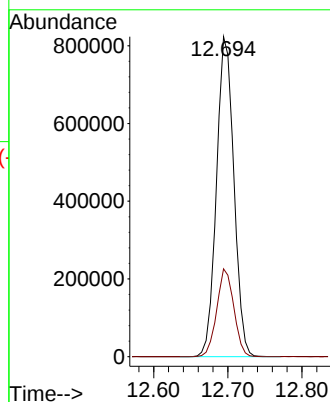
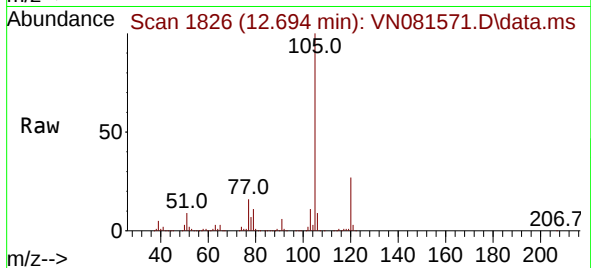
120 26.9 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#74

N-ethyl acetate

Concen: 51.395 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081571.D

Acq: 25 Mar 2024 19:15

Tgt Ion: 43 Resp: 458436

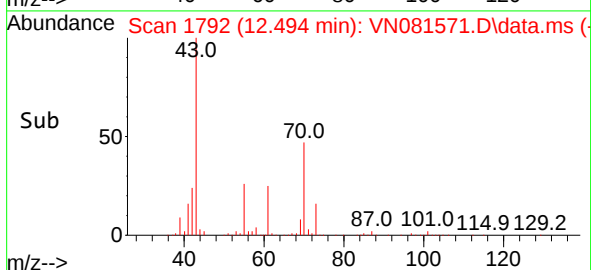
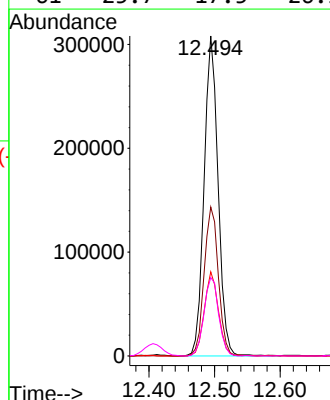
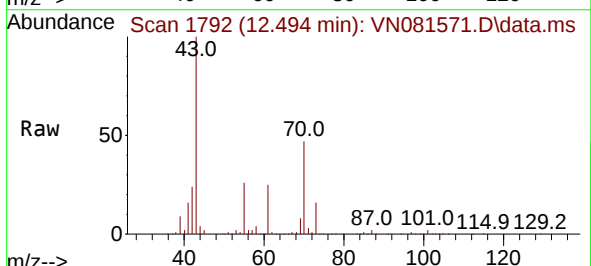
Ion Ratio Lower Upper

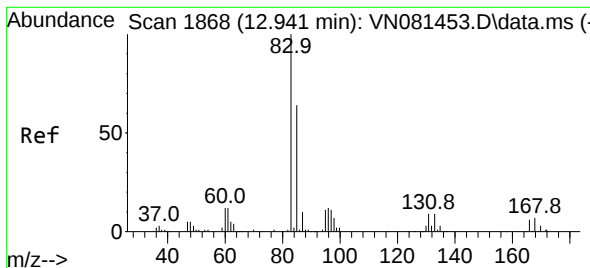
43 100

70 47.4 30.1 45.1#

55 26.7 17.0 25.4#

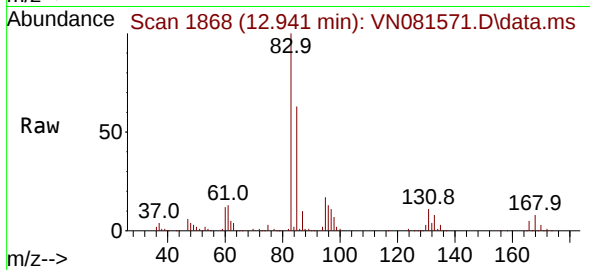
61 25.7 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 48.652 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

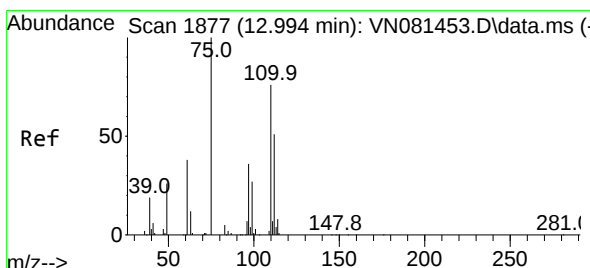
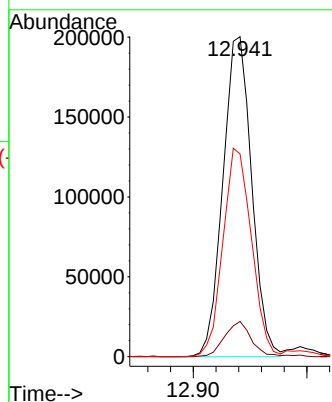
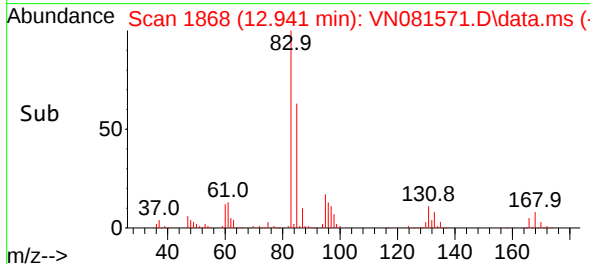
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



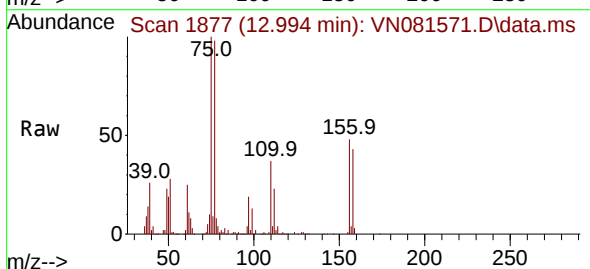
Tgt Ion: 83 Resp: 352579
Ion Ratio Lower Upper
83 100
131 10.4 4.1 12.3
85 64.6 32.1 96.3

Manual Integrations
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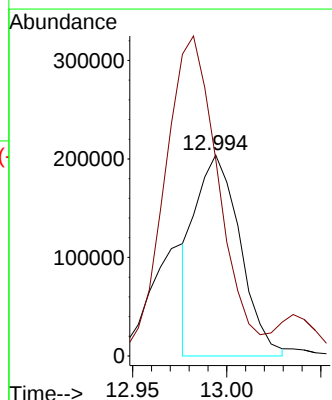
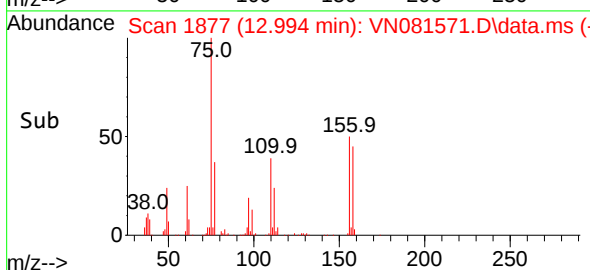
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

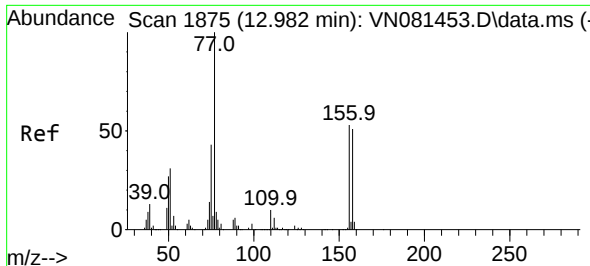


#76
1,2,3-Trichloropropane
Concen: 48.727 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15



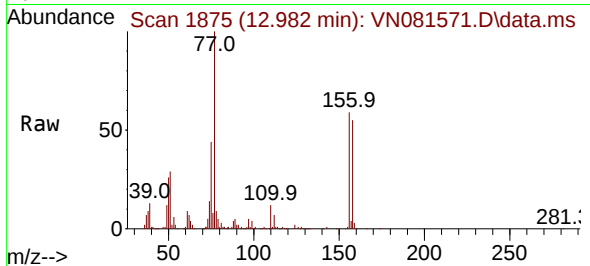
Tgt Ion: 75 Resp: 337039
Ion Ratio Lower Upper
75 100
77 191.8 91.0 272.8





#77
Bromobenzene
Concen: 52.261 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

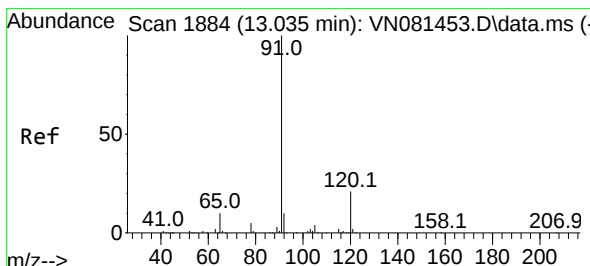
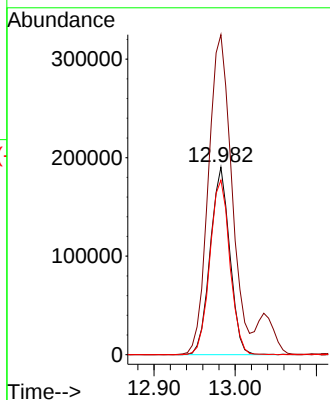
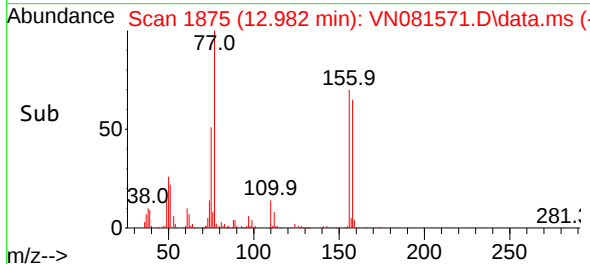
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



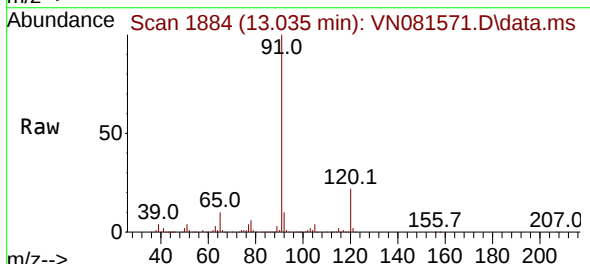
Tgt Ion:156 Resp: 31820
Ion Ratio Lower Upper
156 100
77 203.1 138.1 414.3
158 95.5 46.5 139.5

Manual Integrations
APPROVED

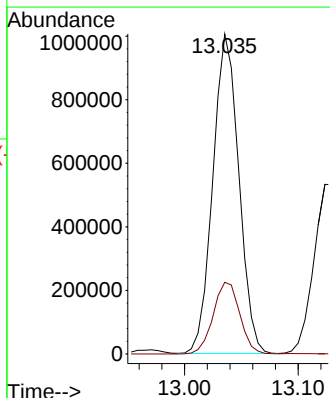
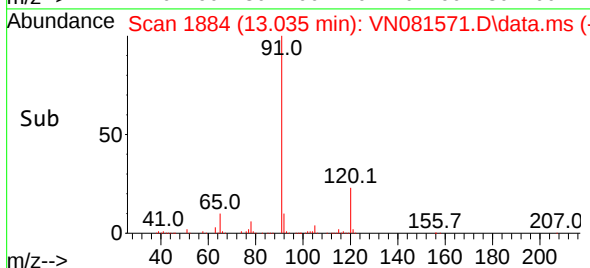
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

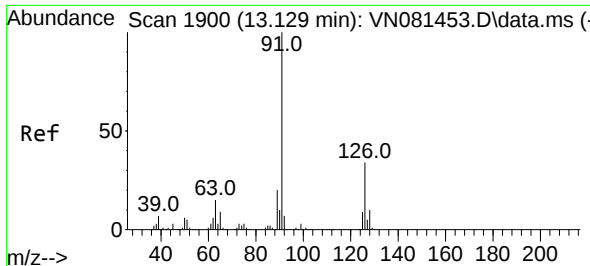


#78
n-propylbenzene
Concen: 54.932 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15



Tgt Ion: 91 Resp: 1598972
Ion Ratio Lower Upper
91 100
120 22.9 10.3 30.9





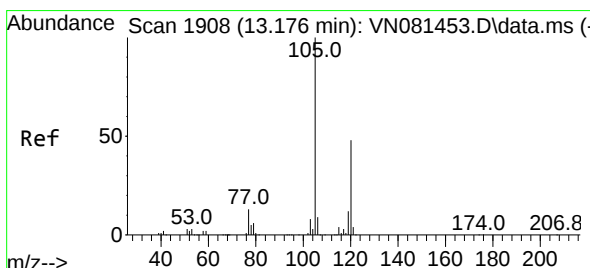
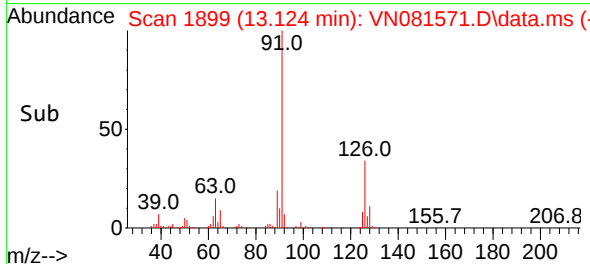
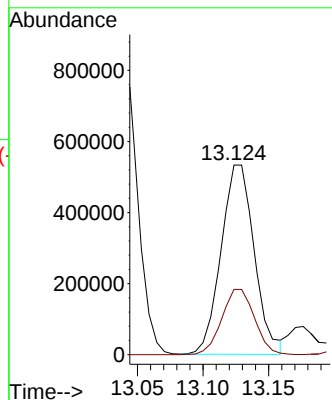
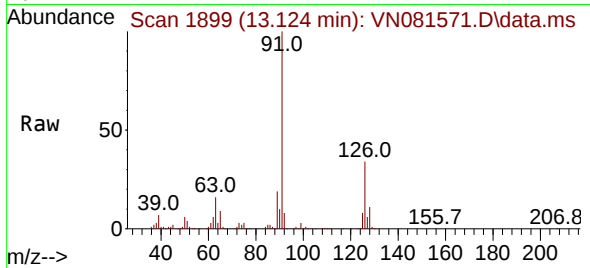
#79
2-Chlorotoluene
Concen: 53.990 ug/l
RT: 13.124 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 940588
Ion Ratio Lower Upper
91 100
126 34.0 14.8 44.4

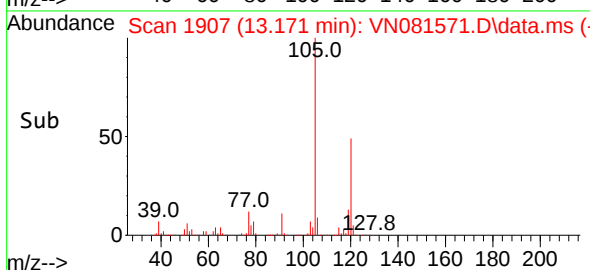
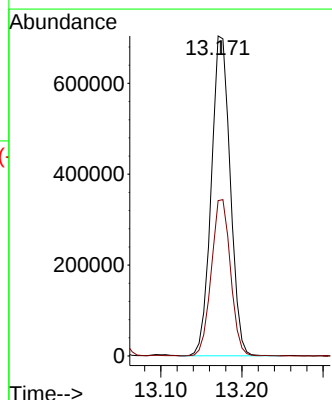
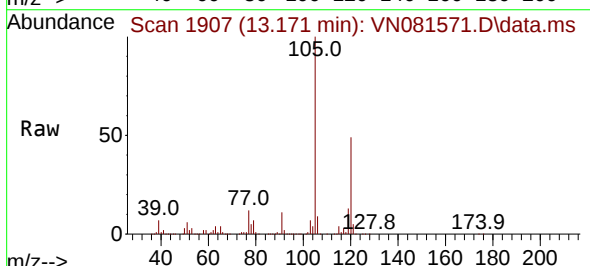
Manual Integrations
APPROVED

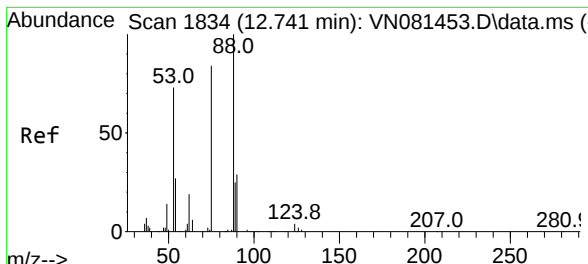
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 56.060 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

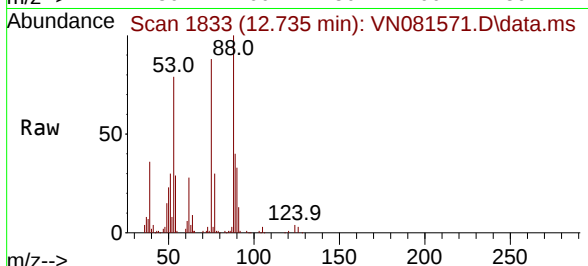
Tgt Ion:105 Resp: 1141288
Ion Ratio Lower Upper
105 100
120 49.3 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 50.303 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

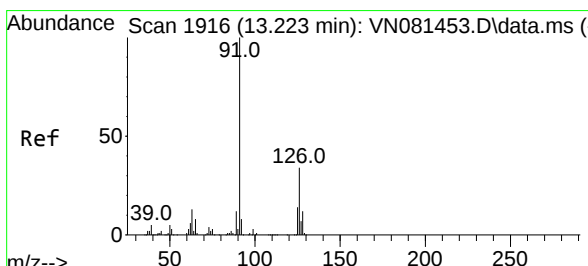
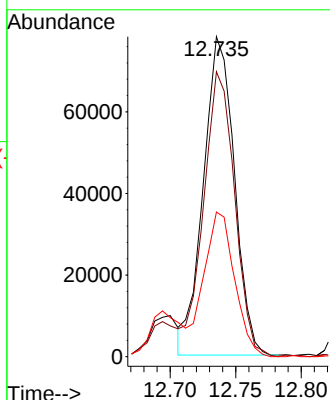
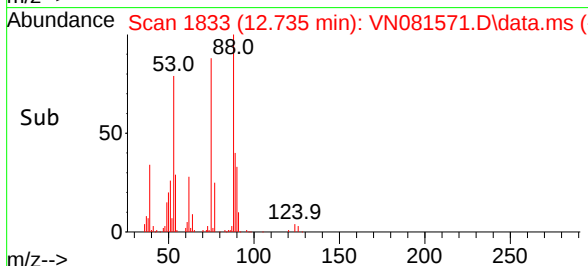
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 12875
Ion Ratio Lower Upper
75 100
53 90.0 71.4 107.2
89 45.1 33.4 50.0

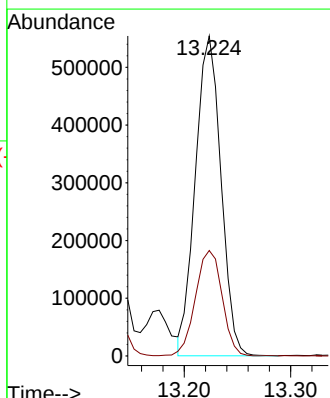
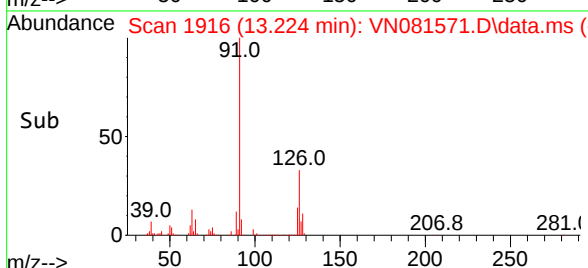
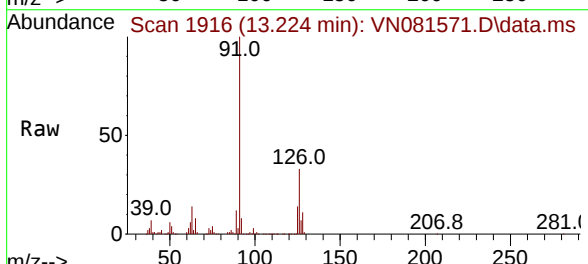
Manual Integrations
APPROVED

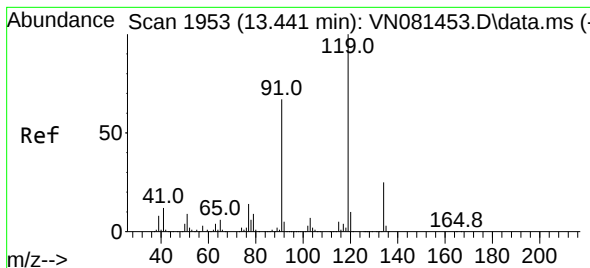
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#82
4-Chlorotoluene
Concen: 53.809 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

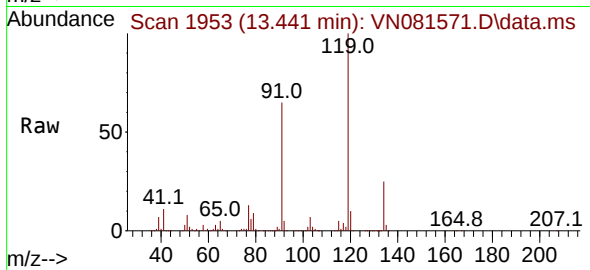
Tgt Ion: 91 Resp: 924240
Ion Ratio Lower Upper
91 100
126 34.3 15.3 45.9





#83
tert-Butylbenzene
Concen: 54.878 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

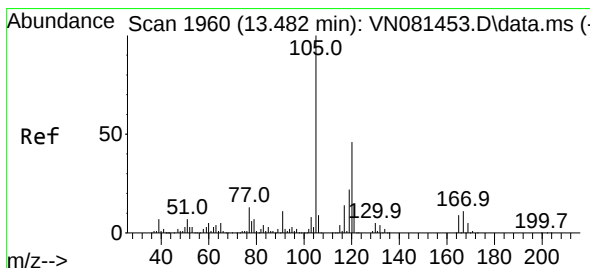
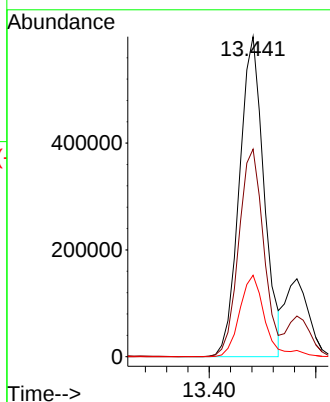
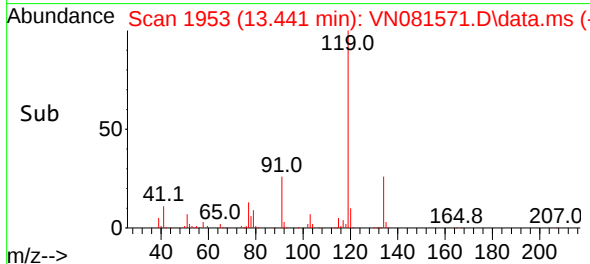
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



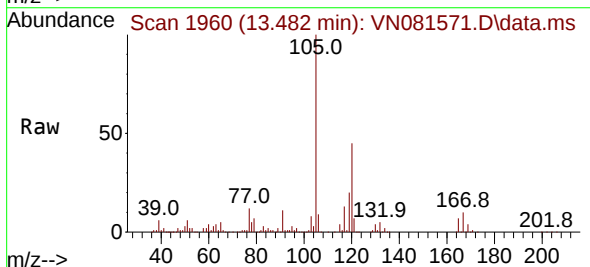
Tgt Ion:119 Resp: 96341
Ion Ratio Lower Upper
119 100
91 65.5 36.8 110.4
134 26.2 12.4 37.4

Manual Integrations
APPROVED

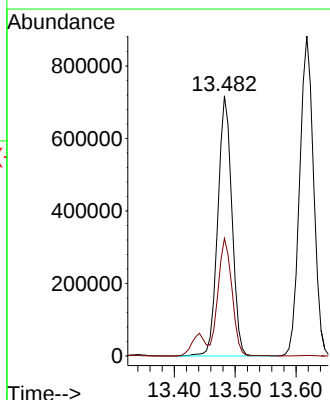
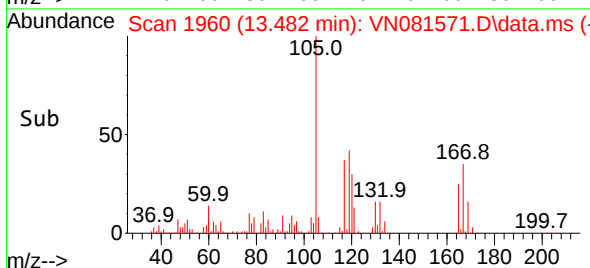
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

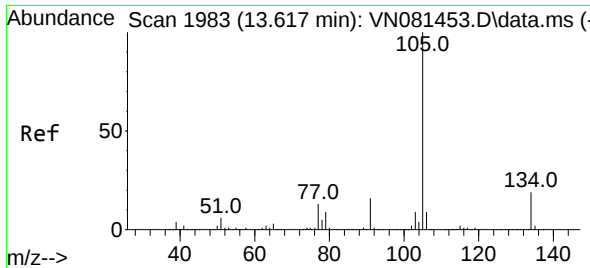


#84
1,2,4-Trimethylbenzene
Concen: 56.347 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15



Tgt Ion:105 Resp: 1152939
Ion Ratio Lower Upper
105 100
120 44.7 20.9 62.7





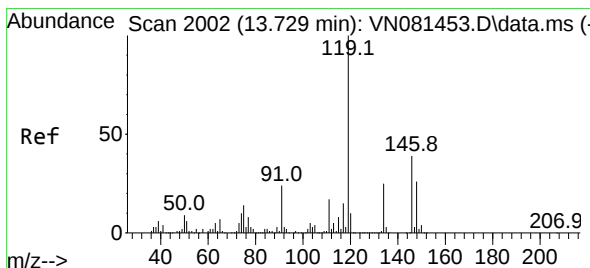
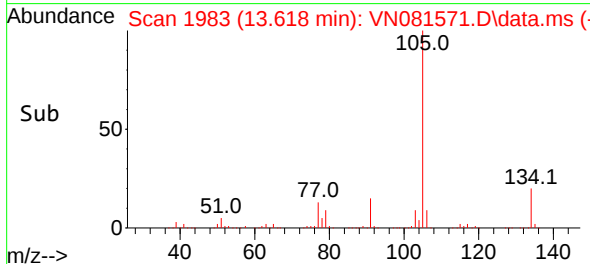
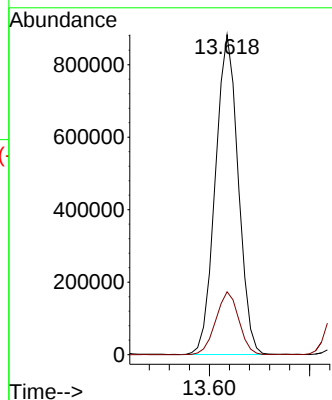
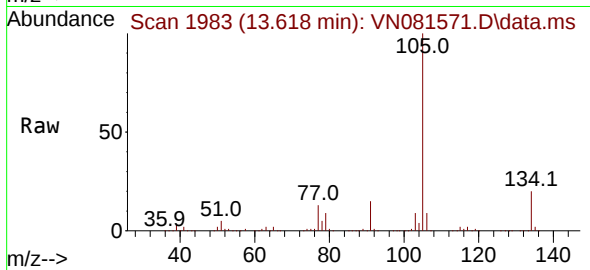
#85
 sec-Butylbenzene
 Concen: 55.636 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081571.D
 Acq: 25 Mar 2024 19:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 139626
 Ion Ratio Lower Upper
 105 100
 134 19.8 8.6 25.8

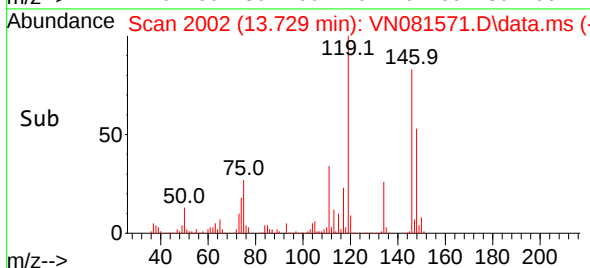
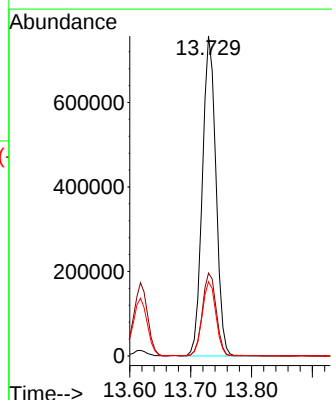
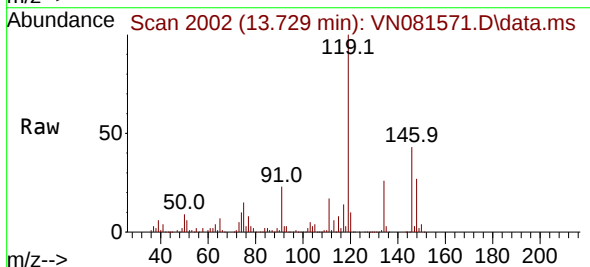
Manual Integrations
 APPROVED

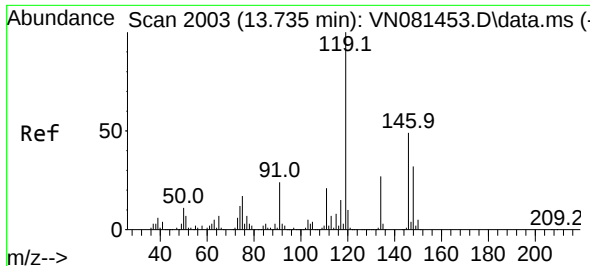
Reviewed By :John Carlone 03/26/2024
 Supervised By :Mahesh Dadoda 03/26/2024



#86
 p-Isopropyltoluene
 Concen: 57.034 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081571.D
 Acq: 25 Mar 2024 19:15

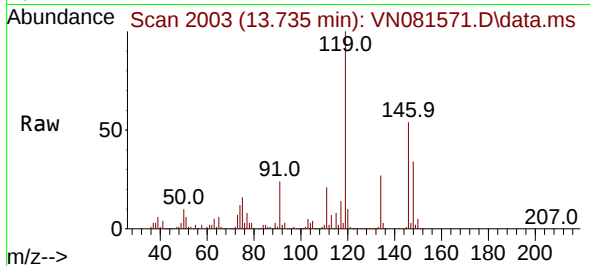
Tgt Ion:119 Resp: 1170054
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.4 37.2
 91 23.4 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 54.024 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

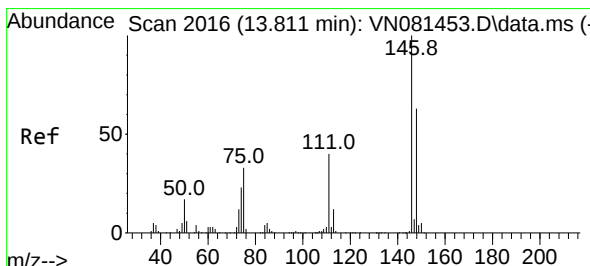
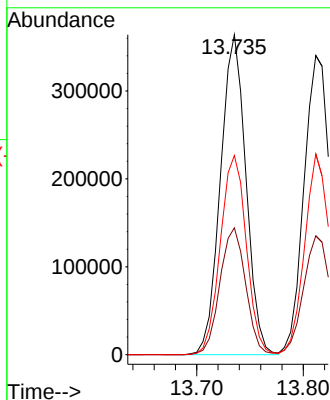
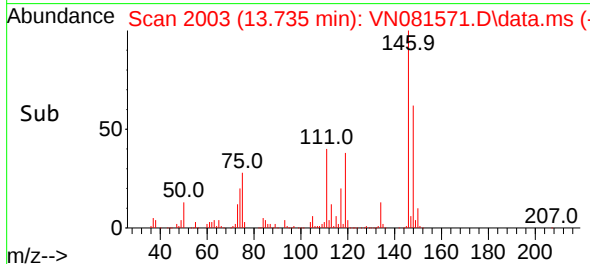
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



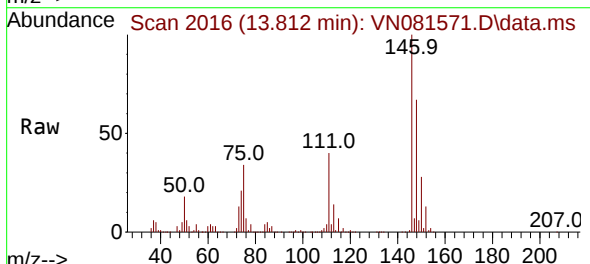
Tgt Ion:146 Resp: 60436
Ion Ratio Lower Upper
146 100
111 40.0 23.9 71.7
148 63.6 32.6 97.7

Manual Integrations
APPROVED

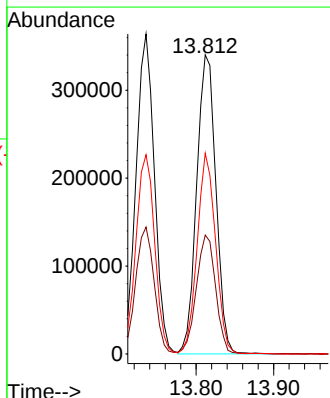
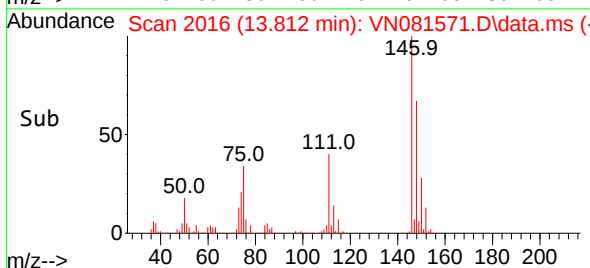
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

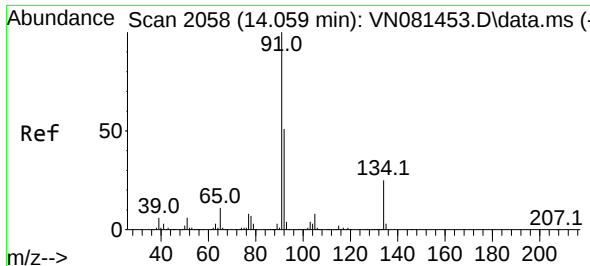


#88
1,4-Dichlorobenzene
Concen: 50.679 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15



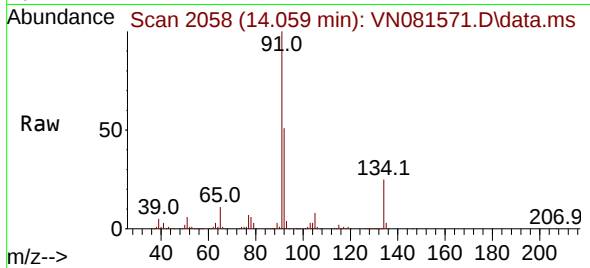
Tgt Ion:146 Resp: 587042
Ion Ratio Lower Upper
146 100
111 39.7 22.6 67.7
148 64.0 31.9 95.5





#89
n-Butylbenzene
Concen: 55.007 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

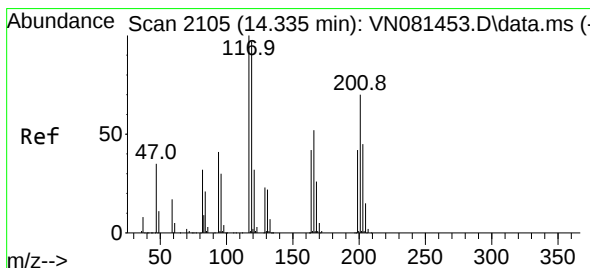
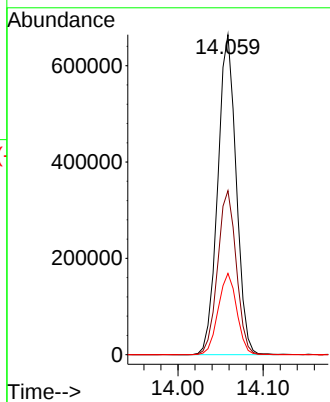
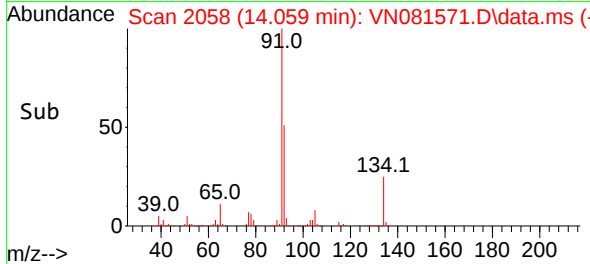
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1000640
Ion Ratio Lower Upper
91 100
92 51.8 26.7 80.1
134 25.6 10.8 32.4

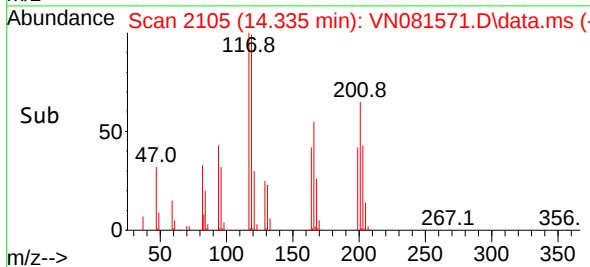
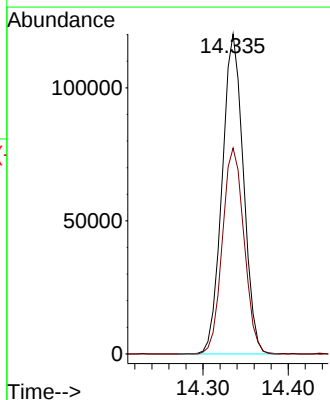
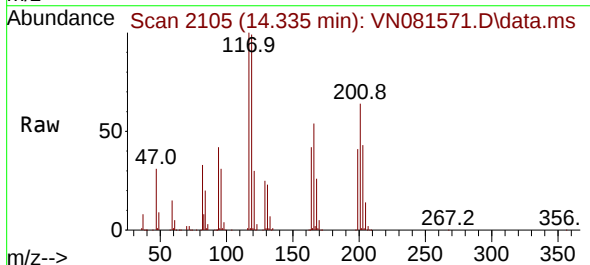
Manual Integrations
APPROVED

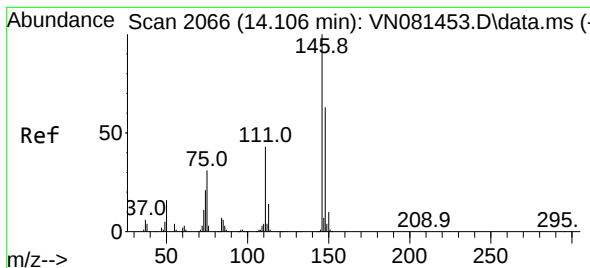
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#90
Hexachloroethane
Concen: 53.768 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

Tgt Ion:117 Resp: 208899
Ion Ratio Lower Upper
117 100
201 65.4 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 53.178 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081571.D

Acq: 25 Mar 2024 19:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 57258

Ion Ratio Lower Upper

146 100

111 42.7 23.9 71.8

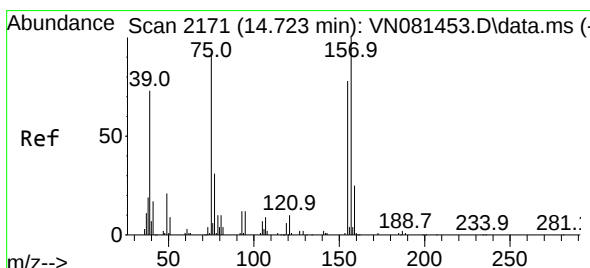
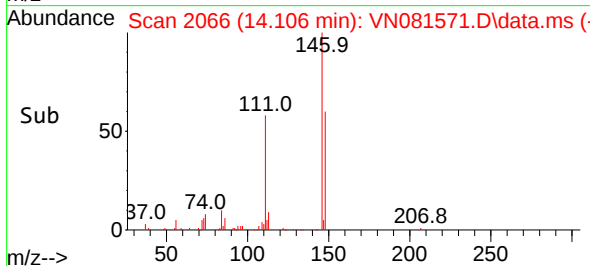
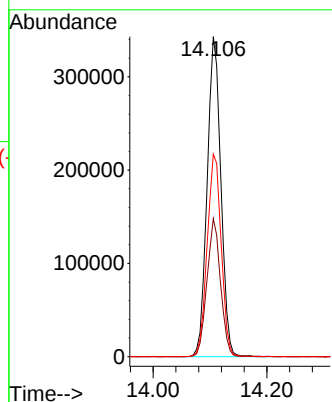
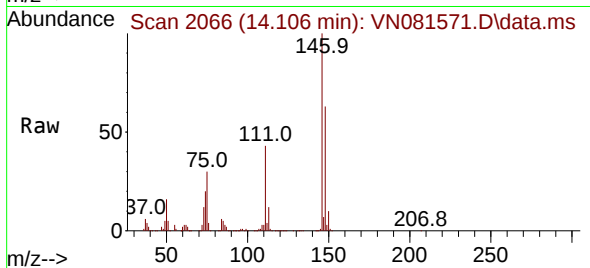
148 64.7 31.4 94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.361 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN081571.D

Acq: 25 Mar 2024 19:15

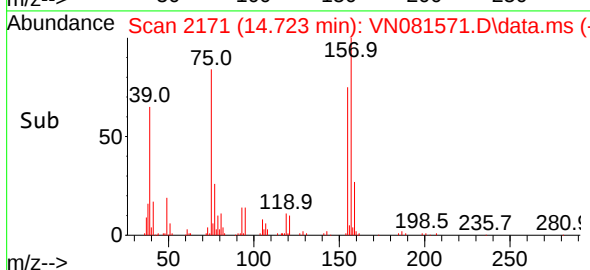
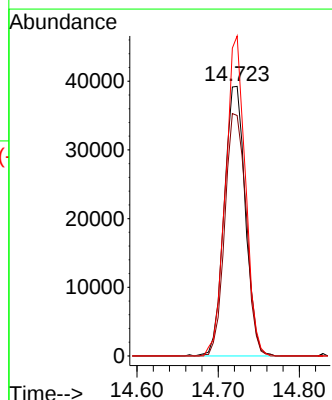
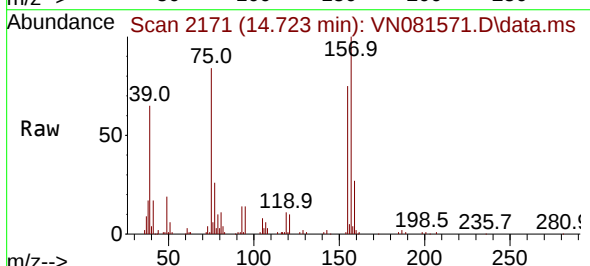
Tgt Ion: 75 Resp: 71502

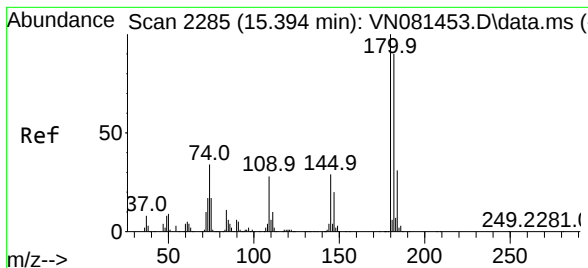
Ion Ratio Lower Upper

75 100

155 89.7 31.8 95.4

157 110.6 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 50.663 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN081571.D

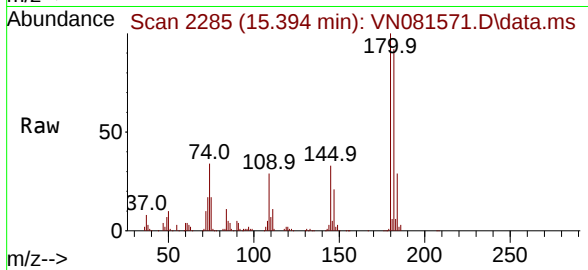
Acq: 25 Mar 2024 19:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 315419

Ion Ratio Lower Upper

180 100

182 93.7 46.6 139.7

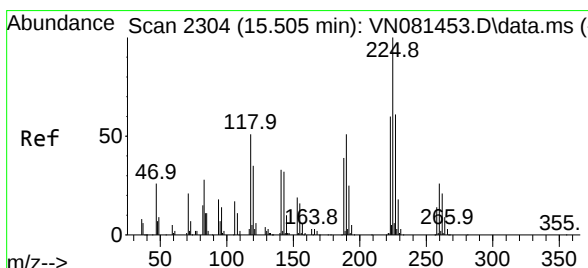
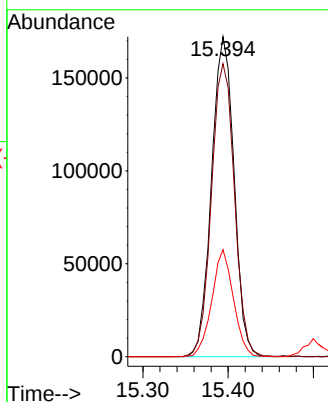
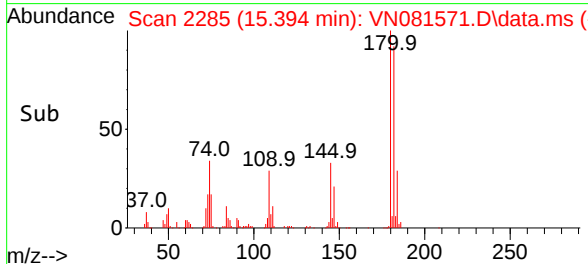
145 32.1 16.8 50.3

Manual Integrations

APPROVED

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#94

Hexachlorobutadiene

Concen: 46.833 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN081571.D

Acq: 25 Mar 2024 19:15

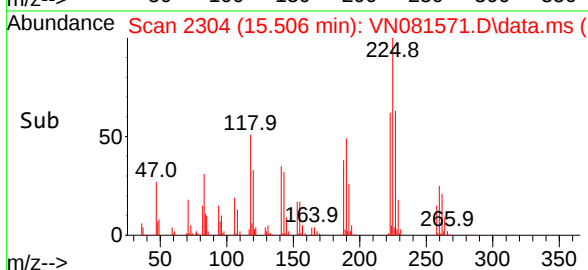
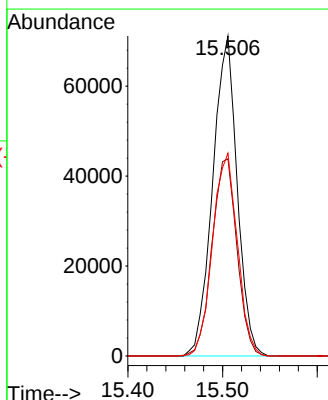
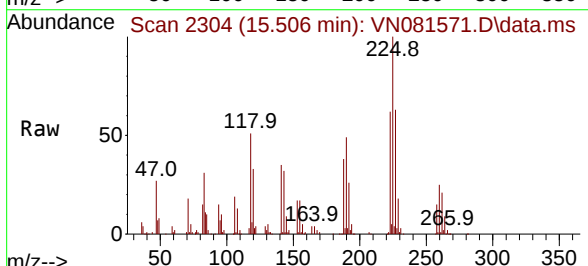
Tgt Ion:225 Resp: 127929

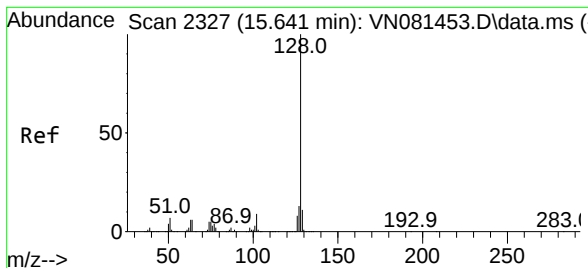
Ion Ratio Lower Upper

225 100

223 62.9 33.3 99.8

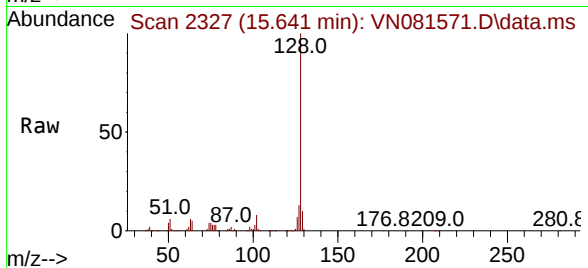
227 64.3 33.1 99.2





#95
Naphthalene
Concen: 52.218 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15

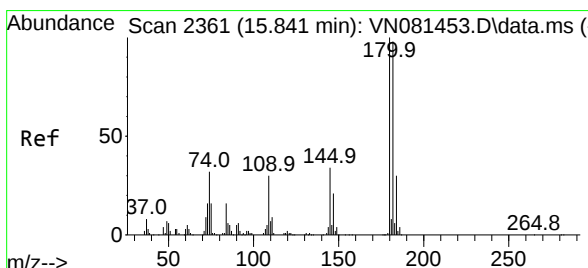
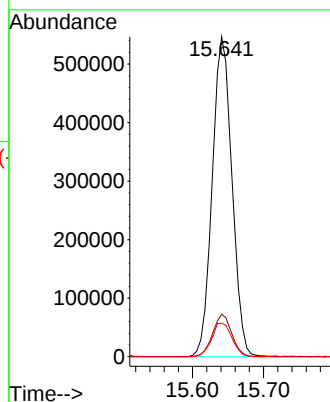
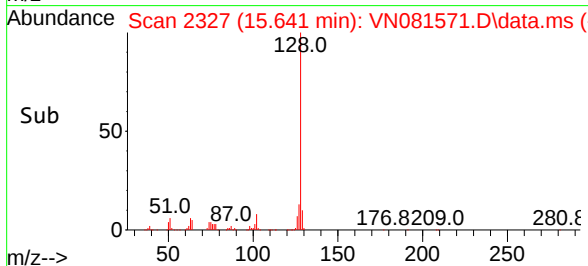
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



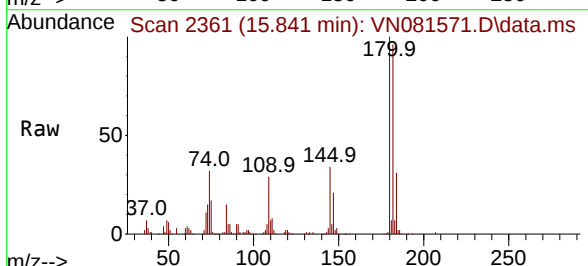
Tgt Ion:128 Resp: 105342
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#96
1,2,3-Trichlorobenzene
Concen: 50.598 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081571.D
Acq: 25 Mar 2024 19:15



Tgt Ion:180 Resp: 316858
Ion Ratio Lower Upper
180 100
182 94.8 46.5 139.3
145 33.7 17.8 53.4

