

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081426.D
 Acq On : 15 Mar 2024 13:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 15 16:07:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/18/2024
 Supervised By : Mahesh Dadoda 03/18/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	287506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	531004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	483470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	249399	59.995	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.980%			
35) Dibromofluoromethane	8.165	113	192713	59.236	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.480%			
50) Toluene-d8	10.571	98	669203	55.026	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.060%			
62) 4-Bromofluorobenzene	12.853	95	237315	55.211	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 110.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	175652	46.088	ug/l	92
3) Chloromethane	2.365	50	188948	45.897	ug/l	98
4) Vinyl Chloride	2.518	62	198981	46.333	ug/l	91
5) Bromomethane	2.942	94	128760	44.891	ug/l	91
6) Chloroethane	3.118	64	138270	46.876	ug/l	100
7) Trichlorofluoromethane	3.495	101	295137	46.454	ug/l	99
8) Diethyl Ether	3.953	74	112622	50.315	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	153691	42.480	ug/l	93
10) Methyl Iodide	4.589	142	186723	56.398	ug/l	91
11) Tert butyl alcohol	5.518	59	210540	289.646	ug/l	100
12) 1,1-Dichloroethene	4.336	96	156426	46.687	ug/l	93
13) Acrolein	4.177	56	211119	245.281	ug/l	97
14) Allyl chloride	5.030	41	243435	48.957	ug/l	89
15) Acrylonitrile	5.718	53	499152	262.858	ug/l	98
16) Acetone	4.424	43	366774	249.023	ug/l	96
17) Carbon Disulfide	4.712	76	400378	41.868	ug/l	98
18) Methyl Acetate	5.018	43	261458	62.003	ug/l	94
19) Methyl tert-butyl Ether	5.800	73	604872	53.229	ug/l	96
20) Methylene Chloride	5.277	84	196182	53.976	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	176198	46.644	ug/l	99
22) Diisopropyl ether	6.677	45	636079	57.594	ug/l	96
23) Vinyl Acetate	6.606	43	2412550	268.894	ug/l	96
24) 1,1-Dichloroethane	6.571	63	356167	52.683	ug/l	98
25) 2-Butanone	7.483	43	635608	257.689	ug/l	96
26) 2,2-Dichloropropane	7.494	77	262774	43.978	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	216975	50.663	ug/l	88
28) Bromochloromethane	7.818	49	165431	57.188	ug/l #	72
29) Tetrahydrofuran	7.841	42	431616	256.616	ug/l	90
30) Chloroform	7.971	83	384961	54.872	ug/l	98
31) Cyclohexane	8.259	56	255211m	40.550	ug/l	
32) 1,1,1-Trichloroethane	8.165	97	317162	51.144	ug/l	97
36) 1,1-Dichloropropene	8.377	75	245529	46.780	ug/l	98
37) Ethyl Acetate	7.559	43	261731	51.013	ug/l	98
38) Carbon Tetrachloride	8.365	117	256774	48.610	ug/l	94
39) Methylcyclohexane	9.606	83	239418	39.637	ug/l	92
40) Benzene	8.606	78	785455	50.137	ug/l	98

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
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Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	149429	51.574	ug/l	96
42) 1,2-Dichloroethane	8.677	62	303874	55.013	ug/l	99
43) Isopropyl Acetate	8.688	43	450623	50.180	ug/l	96
44) Trichloroethene	9.353	130	191080	48.360	ug/l	98
45) 1,2-Dichloropropane	9.624	63	209037	53.116	ug/l	98
46) Dibromomethane	9.712	93	150607	54.293	ug/l	92
47) Bromodichloromethane	9.888	83	300422	55.787	ug/l #	98
48) Methyl methacrylate	9.683	41	217307	54.745	ug/l	93
49) 1,4-Dioxane	9.694	88	79341	906.859	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	1411421	270.684	ug/l	98
52) Toluene	10.630	92	468256	49.479	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	305916	52.503	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	327084	52.000	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	204330	54.447	ug/l	96
56) Ethyl methacrylate	10.877	69	297930	55.287	ug/l	94
57) 1,3-Dichloropropane	11.165	76	355968	54.348	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	801187	276.393	ug/l	92
59) 2-Hexanone	11.200	43	1044045	267.833	ug/l	98
60) Dibromochloromethane	11.365	129	216786	56.090	ug/l	98
61) 1,2-Dibromoethane	11.471	107	205575	52.794	ug/l	98
64) Tetrachloroethene	11.106	164	180386	47.651	ug/l	93
65) Chlorobenzene	11.894	112	501038	49.180	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	192884	51.739	ug/l	97
67) Ethyl Benzene	11.965	91	881380	48.027	ug/l	99
68) m/p-Xylenes	12.071	106	670675	97.106	ug/l	98
69) o-Xylene	12.400	106	326997	48.852	ug/l	100
70) Styrene	12.412	104	564616	53.228	ug/l	98
71) Bromoform	12.582	173	145153	56.083	ug/l #	100
73) Isopropylbenzene	12.700	105	832248	46.246	ug/l	99
74) N-amyl acetate	12.494	43	389136	51.534	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	270321	48.673	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	267326m	50.784	ug/l	
77) Bromobenzene	12.982	156	195735	45.873	ug/l	83
78) n-propylbenzene	13.035	91	998193	46.895	ug/l	97
79) 2-Chlorotoluene	13.129	91	611454	46.996	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	722252	48.550	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	93344	49.488	ug/l	85
82) 4-Chlorotoluene	13.223	91	617931	48.084	ug/l	98
83) tert-Butylbenzene	13.441	119	581110	45.564	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	745641	49.472	ug/l	96
85) sec-Butylbenzene	13.618	105	853311	46.248	ug/l	95
86) p-Isopropyltoluene	13.729	119	701003	47.376	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	368865	45.783	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	365215	45.352	ug/l	98
89) n-Butylbenzene	14.059	91	620491	45.728	ug/l	96
90) Hexachloroethane	14.335	117	125879	48.592	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	363772	47.059	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	59210	49.820	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	190511	46.107	ug/l	98
94) Hexachlorobutadiene	15.506	225	70740	41.433	ug/l	94
95) Naphthalene	15.641	128	730768	49.703	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	198636	47.404	ug/l	97

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MSVOA_N
ClientSampleId :
VSTDCCC050

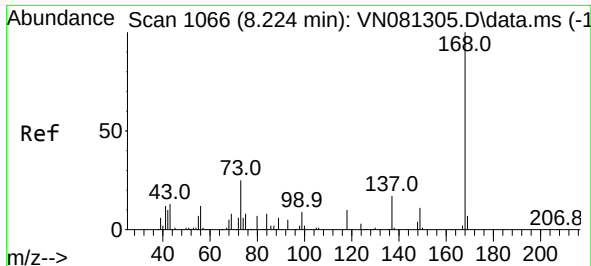
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

Quant Time: Mar 15 16:07:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

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



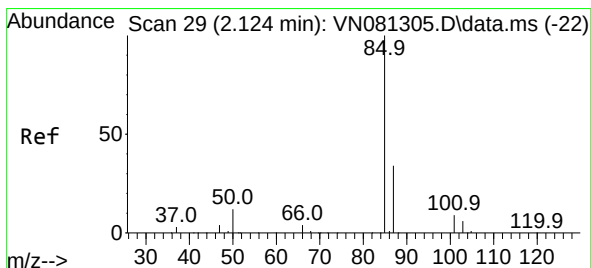
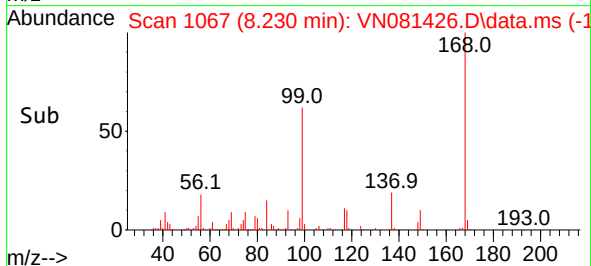
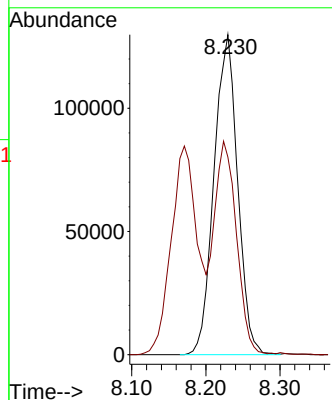
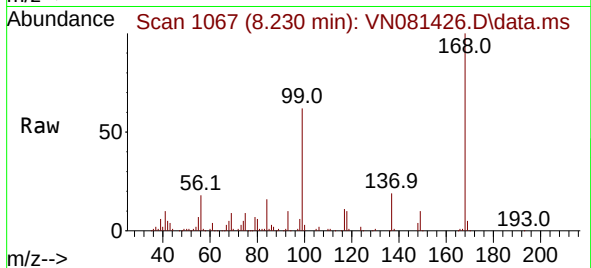
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 287500
Ion Ratio Lower Upper
168 100
99 61.1 59.9 89.9

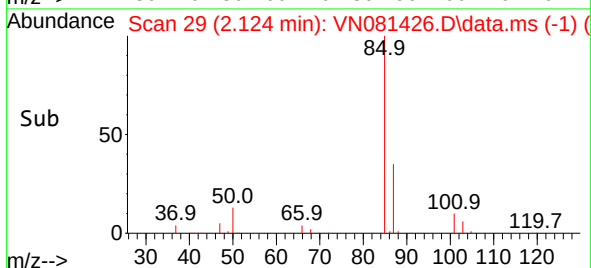
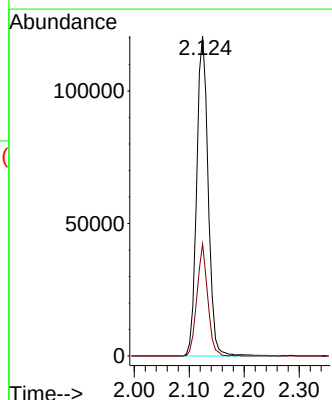
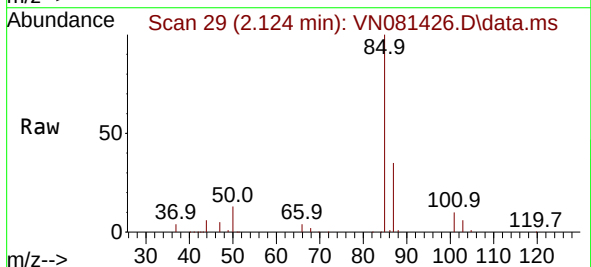
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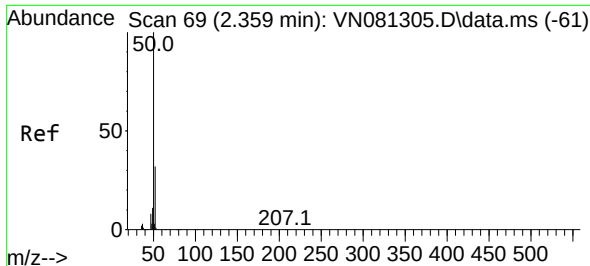
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#2
Dichlorodifluoromethane
Concen: 46.088 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

Tgt Ion: 85 Resp: 175652
Ion Ratio Lower Upper
85 100
87 35.0 15.3 45.9





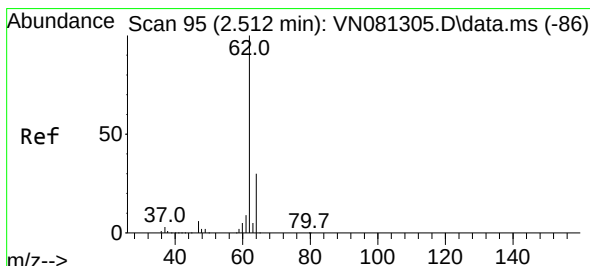
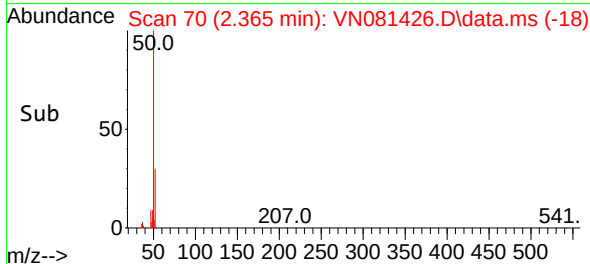
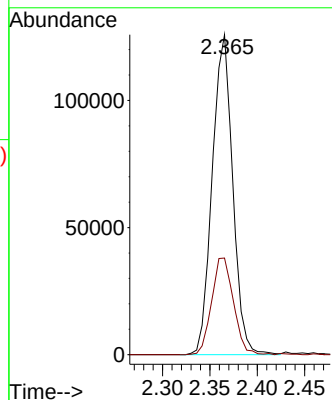
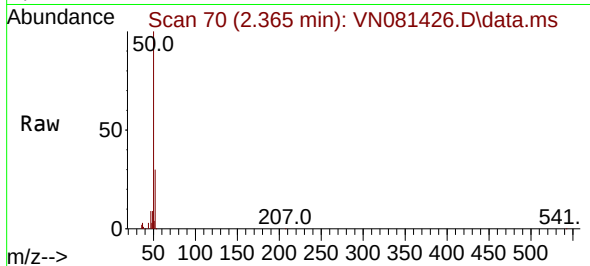
#3
Chloromethane
Concen: 45.897 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 188948
Ion Ratio Lower Upper
50 100
52 30.2 25.0 37.4

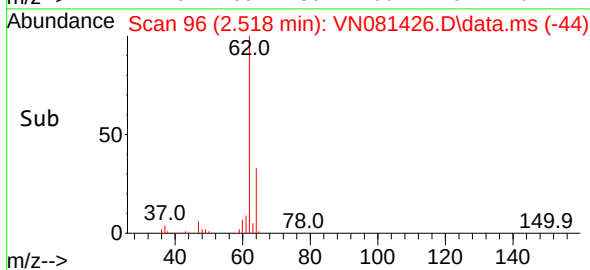
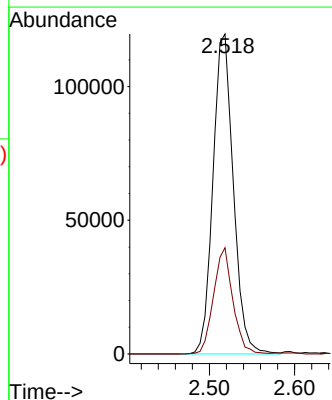
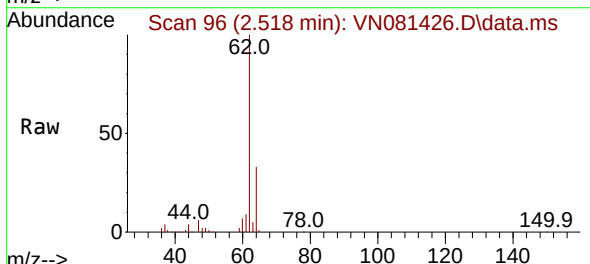
Manual Integrations
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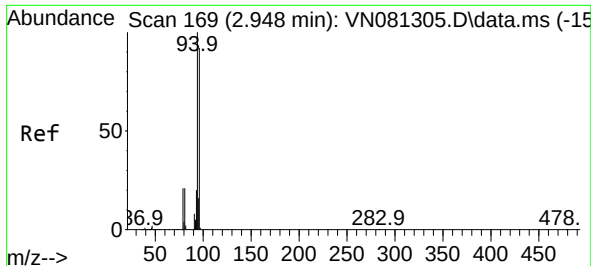
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#4
Vinyl Chloride
Concen: 46.333 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

Tgt Ion: 62 Resp: 198981
Ion Ratio Lower Upper
62 100
64 33.2 22.7 34.1





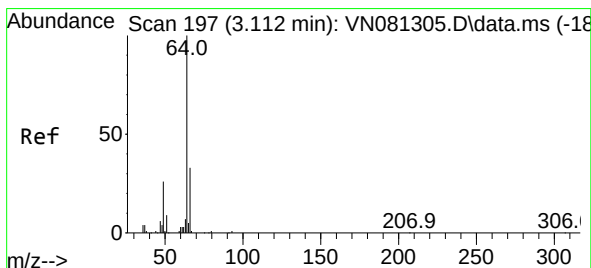
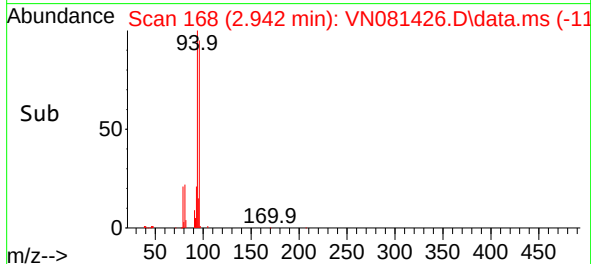
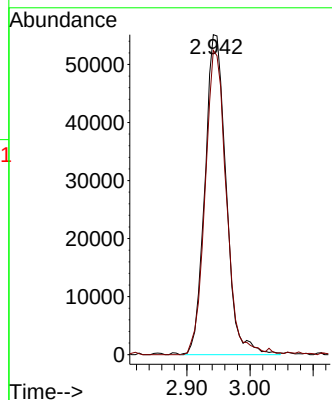
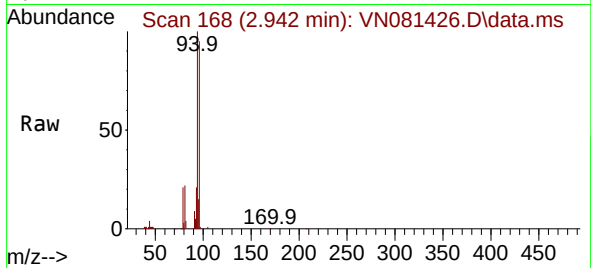
#5
Bromomethane
Concen: 44.891 ug/l
RT: 2.942 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 128760
Ion Ratio Lower Upper
94 100
96 95.1 69.2 103.8

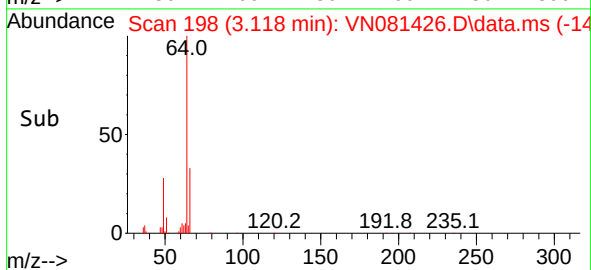
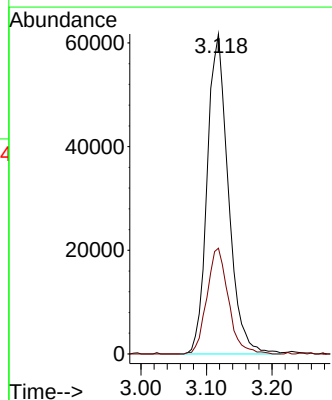
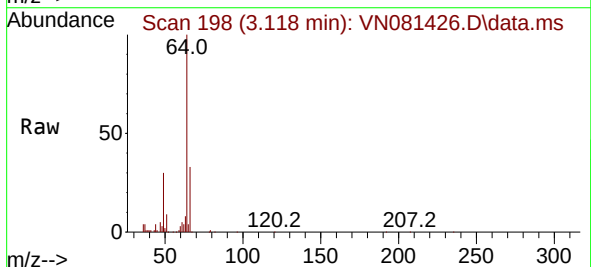
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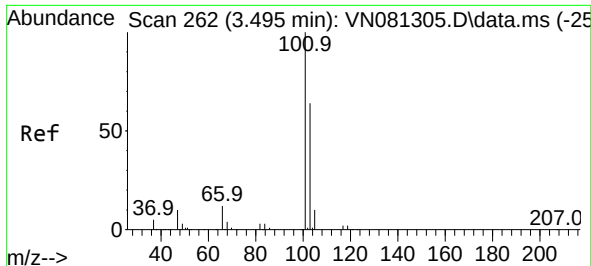
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#6
Chloroethane
Concen: 46.876 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

Tgt Ion: 64 Resp: 138270
Ion Ratio Lower Upper
64 100
66 33.0 26.4 39.6





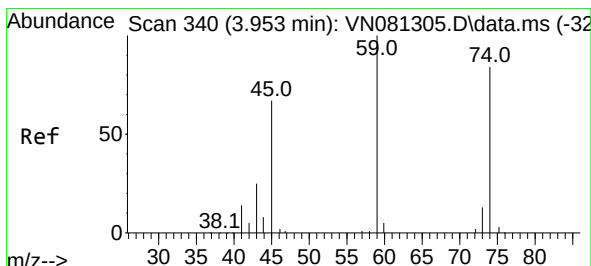
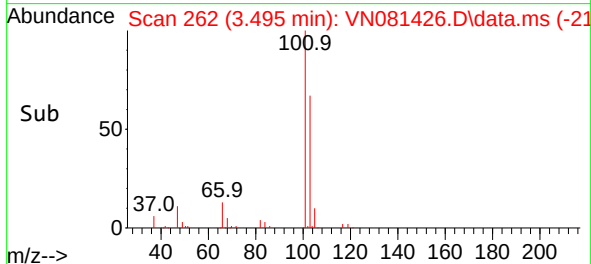
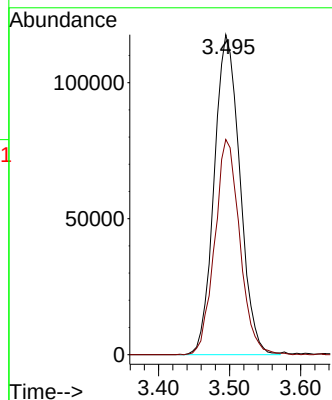
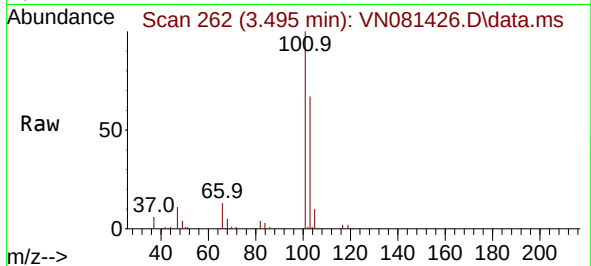
#7
 Trichlorofluoromethane
 Concen: 46.454 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081426.D
 Acq: 15 Mar 2024 13:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 29513
 Ion Ratio Lower Upper
 101 100
 103 67.1 54.4 81.6

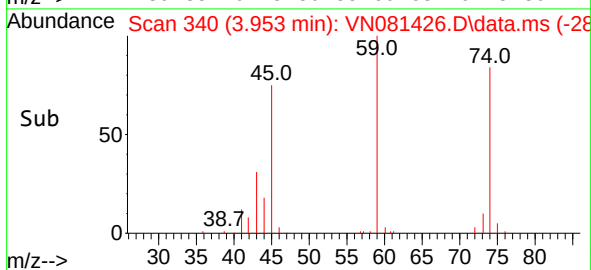
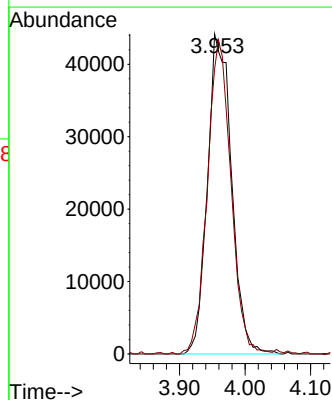
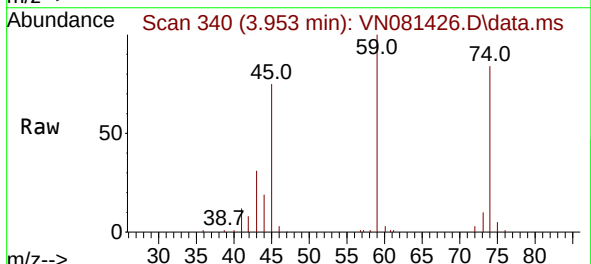
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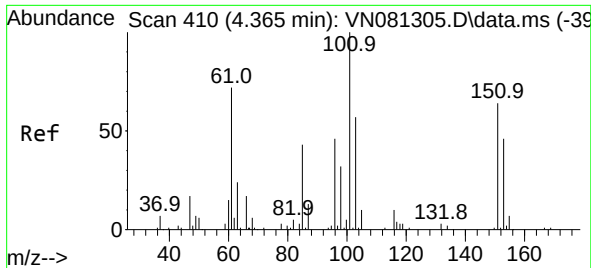
Reviewed By :John Carlone 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024



#8
 Diethyl Ether
 Concen: 50.315 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN081426.D
 Acq: 15 Mar 2024 13:57

Tgt Ion: 74 Resp: 112622
 Ion Ratio Lower Upper
 74 100
 45 96.5 53.3 159.9





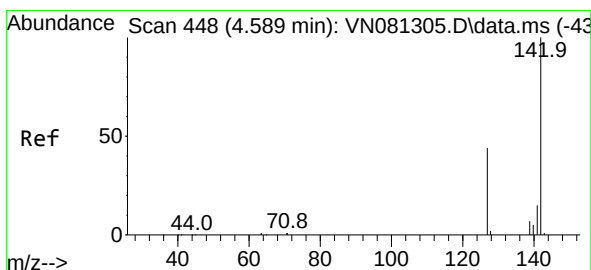
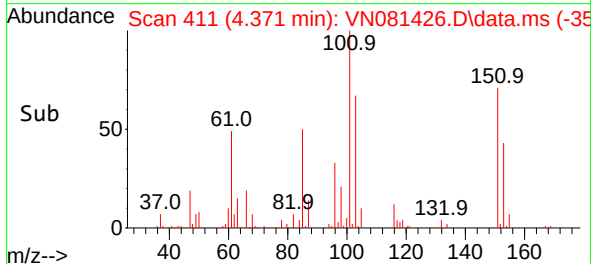
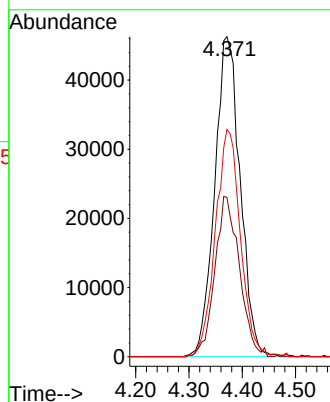
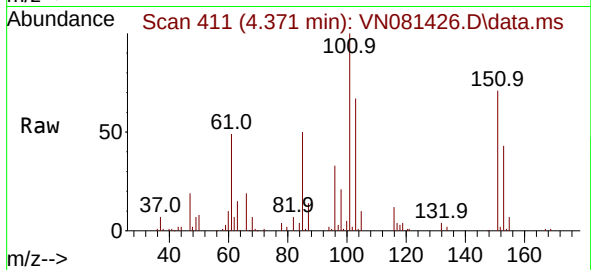
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.480 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 15369
Ion Ratio Lower Upper
101 100
85 48.3 38.1 57.1
151 69.8 49.1 73.7

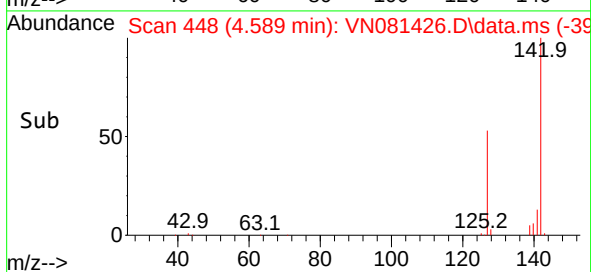
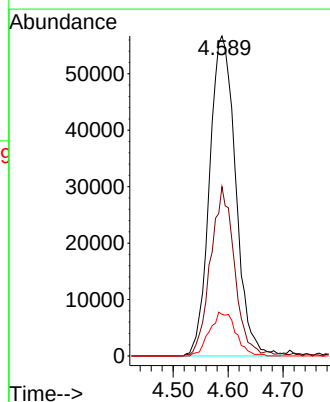
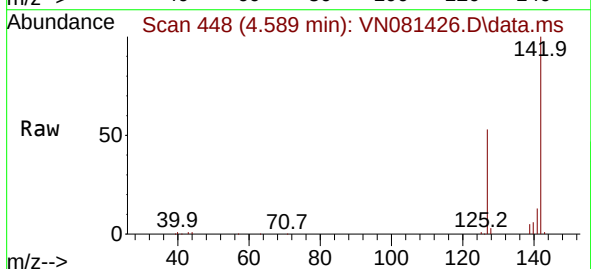
Manual Integrations
APPROVED

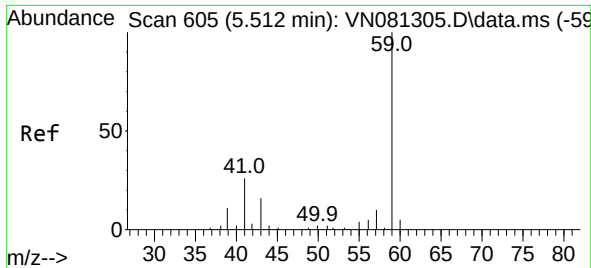
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#10
Methyl Iodide
Concen: 56.398 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

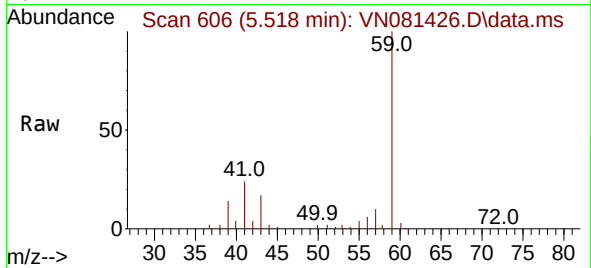
Tgt Ion:142 Resp: 186723
Ion Ratio Lower Upper
142 100
127 52.9 37.0 55.4
141 13.0 12.5 18.7





#11
Tert butyl alcohol
Concen: 289.646 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

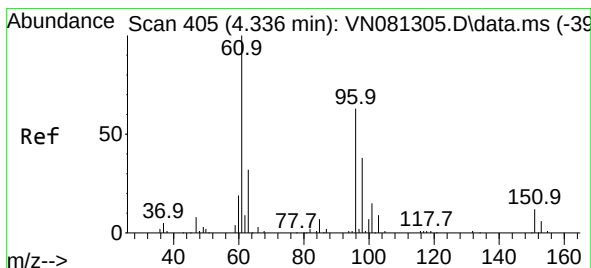
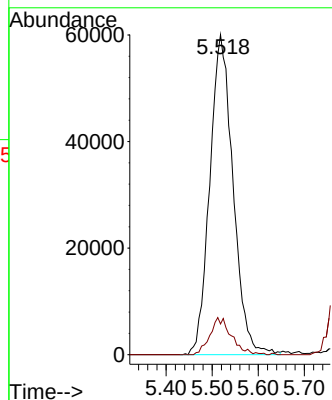
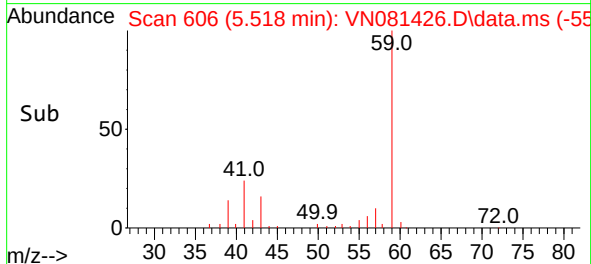
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



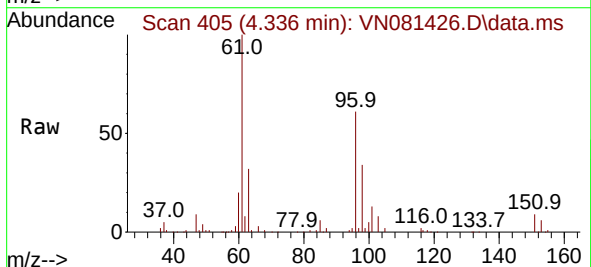
Tgt Ion: 59 Resp: 210540
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

Manual Integrations
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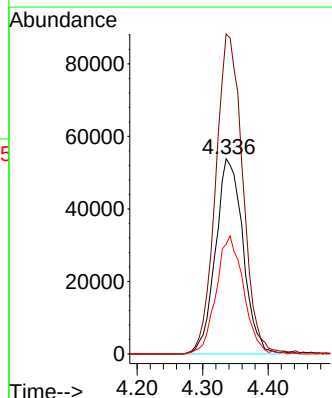
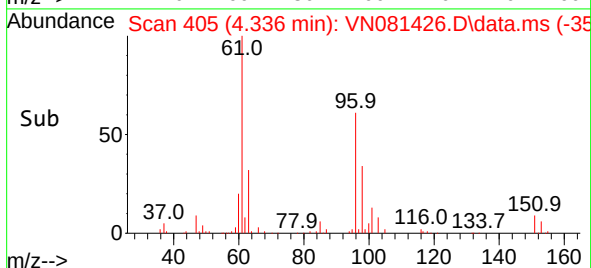
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

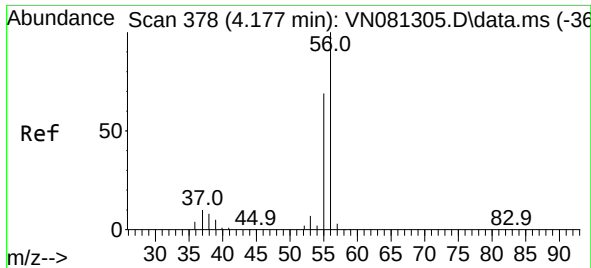


#12
1,1-Dichloroethene
Concen: 46.687 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57



Tgt Ion: 96 Resp: 156426
Ion Ratio Lower Upper
96 100
61 163.9 138.2 207.4
98 56.2 49.2 73.8





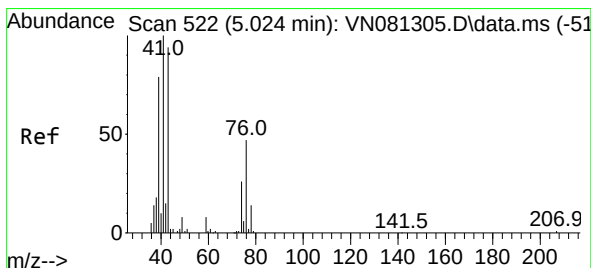
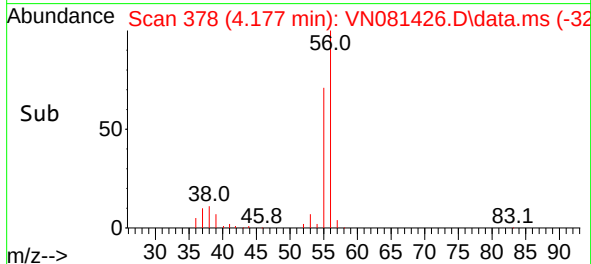
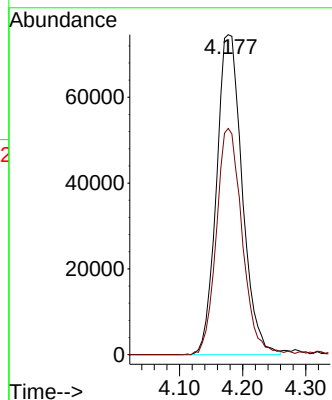
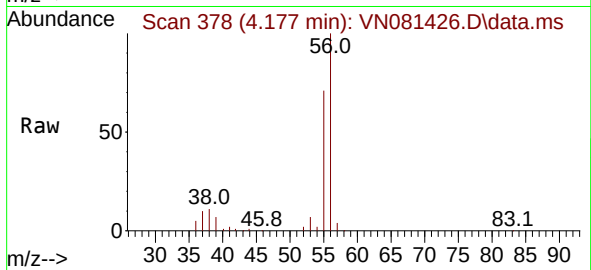
#13
Acrolein
Concen: 245.281 ug/l
RT: 4.177 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 211119
Ion Ratio Lower Upper
56 100
55 71.1 55.3 82.9

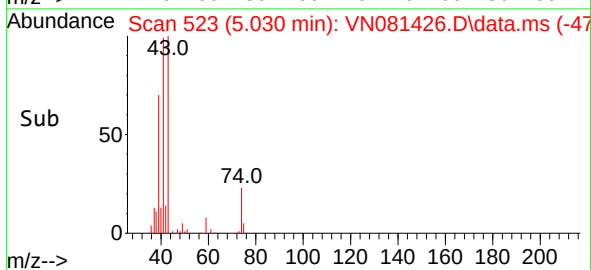
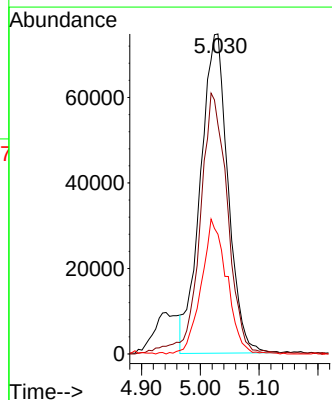
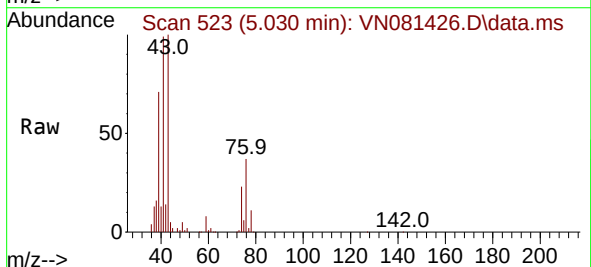
Manual Integrations
APPROVED

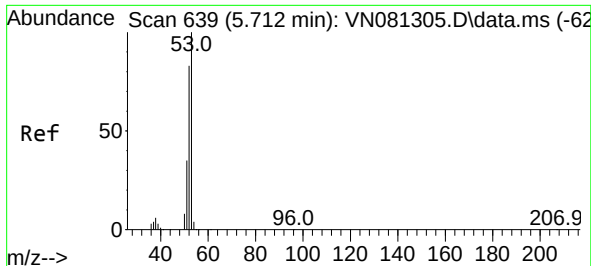
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#14
Allyl chloride
Concen: 48.957 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

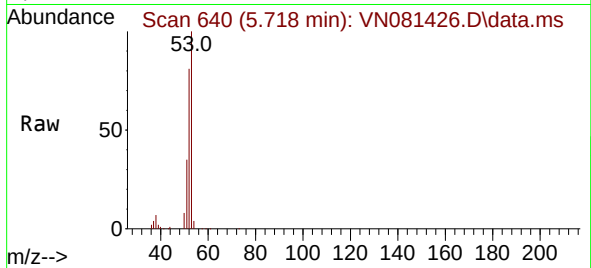
Tgt Ion: 41 Resp: 243435
Ion Ratio Lower Upper
41 100
39 81.7 57.7 86.5
76 39.2 26.8 40.2





#15
Acrylonitrile
Concen: 262.858 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

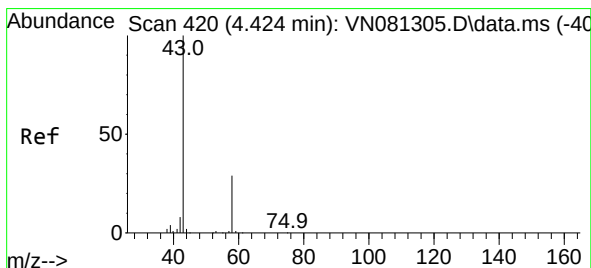
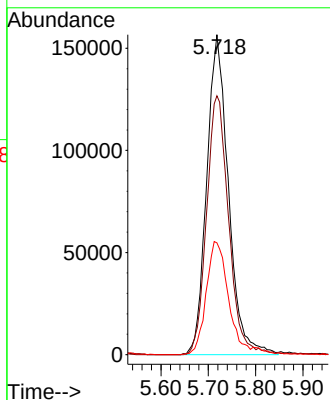
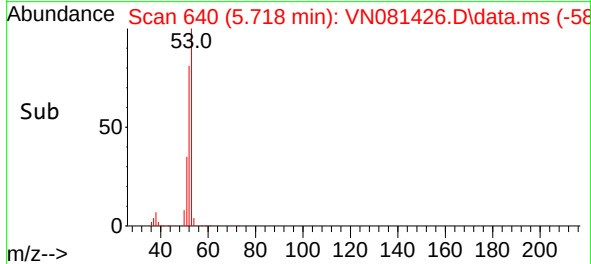
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 499152
Ion Ratio Lower Upper
53 100
52 82.3 64.8 97.2
51 35.8 26.9 40.3

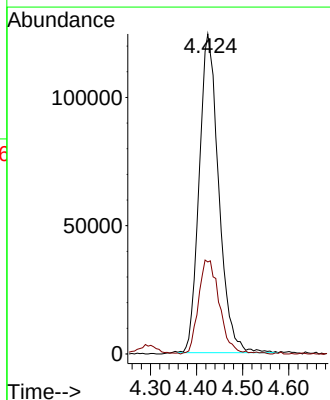
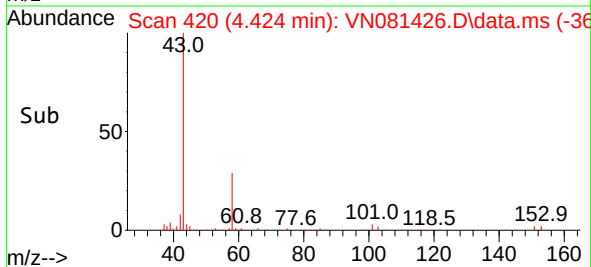
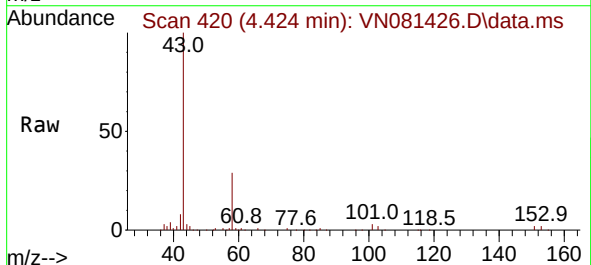
Manual Integrations
APPROVED

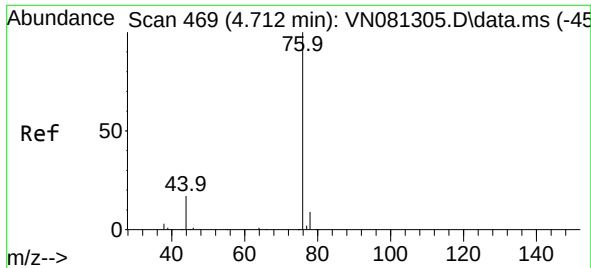
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#16
Acetone
Concen: 249.023 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

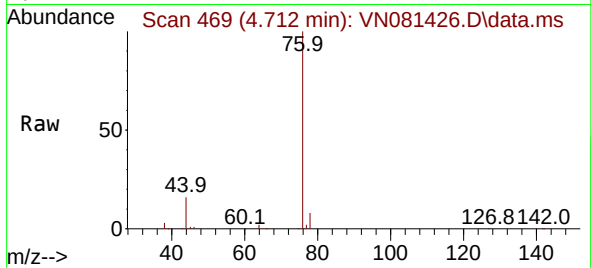
Tgt Ion: 43 Resp: 366774
Ion Ratio Lower Upper
43 100
58 28.7 24.8 37.2





#17
Carbon Disulfide
Concen: 41.868 ug/l
RT: 4.712 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

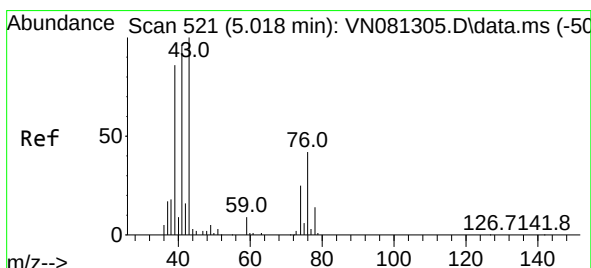
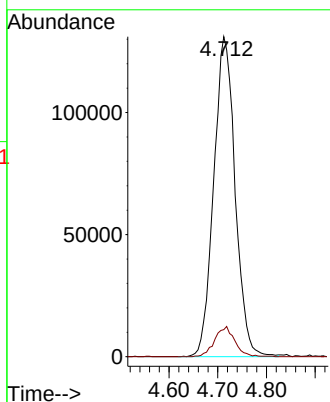
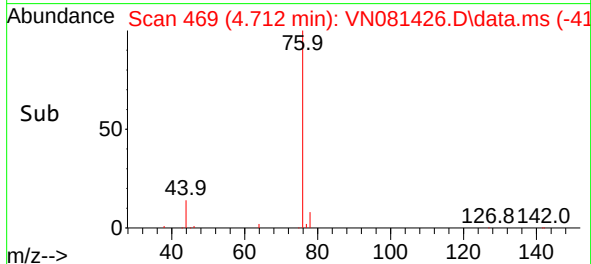
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 400378
Ion Ratio Lower Upper
76 100
78 8.5 6.3 9.5

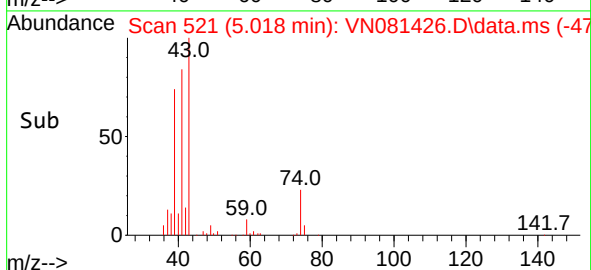
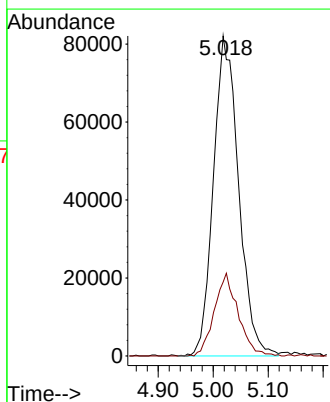
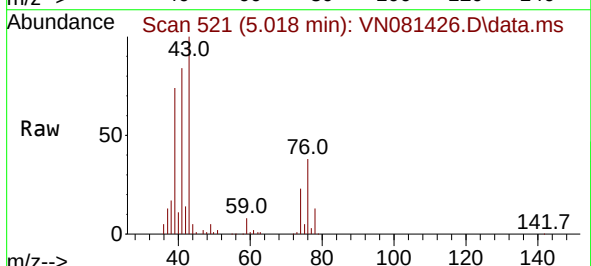
Manual Integrations
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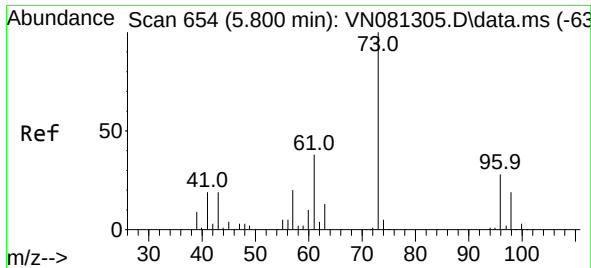
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#18
Methyl Acetate
Concen: 62.003 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

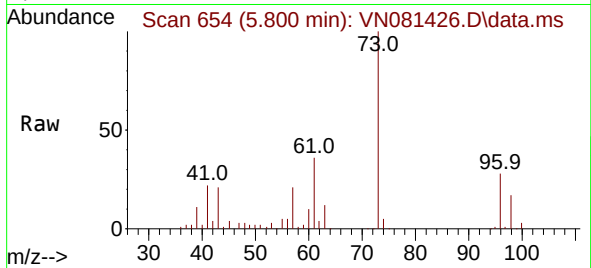
Tgt Ion: 43 Resp: 261458
Ion Ratio Lower Upper
43 100
74 24.4 17.3 25.9





#19
Methyl tert-butyl Ether
Concen: 53.229 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

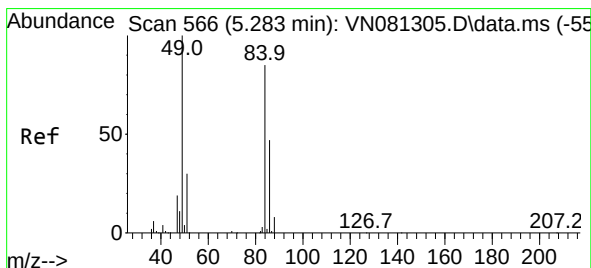
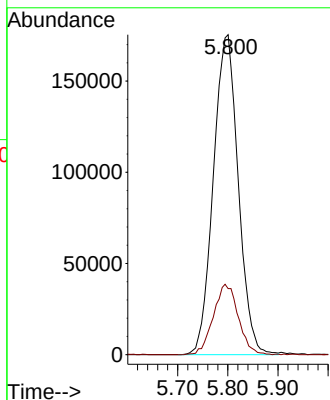
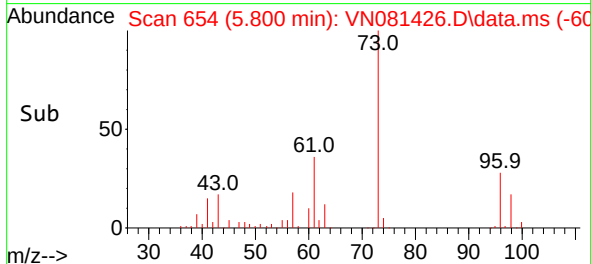
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 604872
Ion Ratio Lower Upper
73 100
57 20.6 18.2 27.4

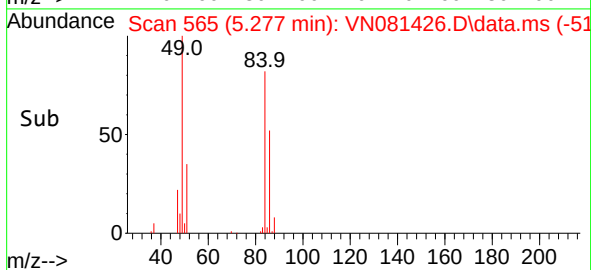
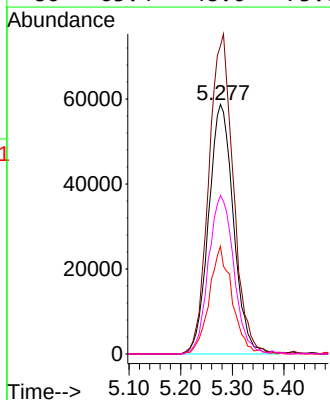
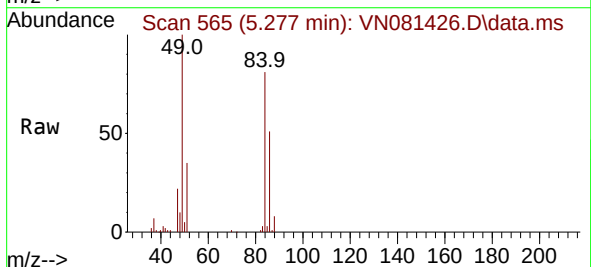
Manual Integrations
APPROVED

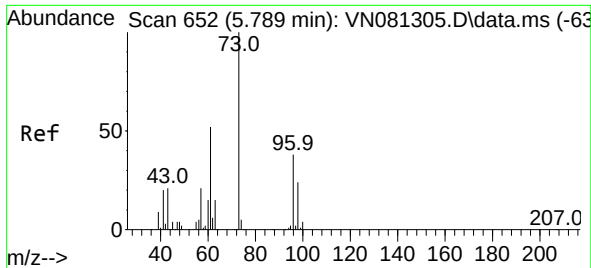
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#20
Methylene Chloride
Concen: 53.976 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

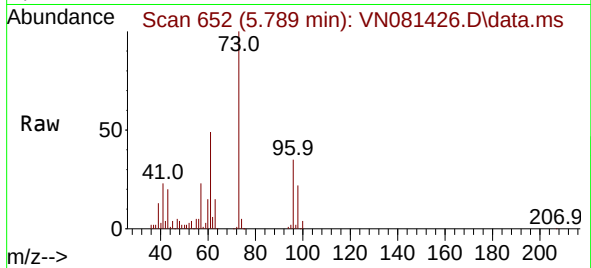
Tgt Ion: 84 Resp: 196182
Ion Ratio Lower Upper
84 100
49 123.4 108.1 162.1
51 43.1 32.9 49.3
86 63.4 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 46.644 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

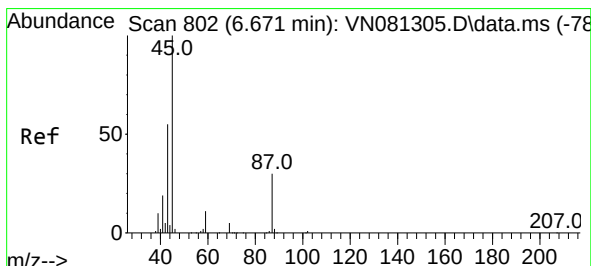
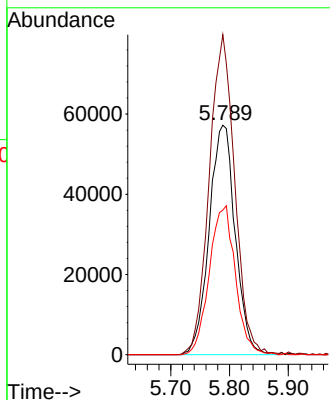
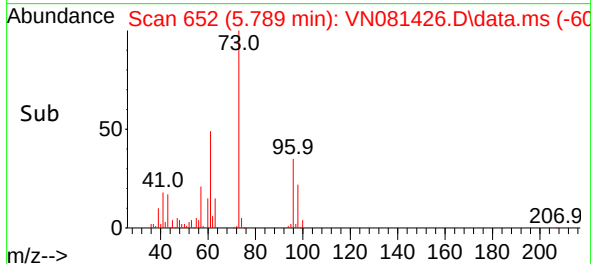
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



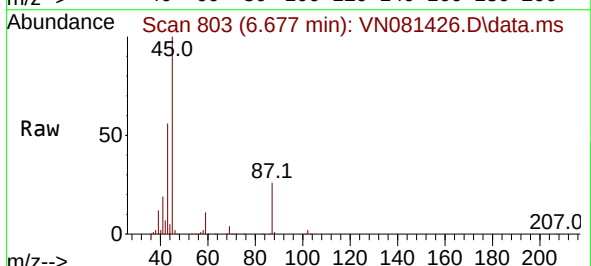
Tgt Ion: 96 Resp: 176198
Ion Ratio Lower Upper
96 100
61 139.4 112.8 169.2
98 63.0 51.0 76.4

Manual Integrations
APPROVED

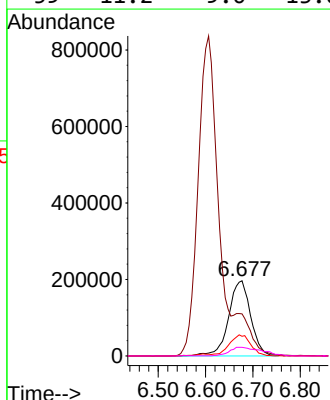
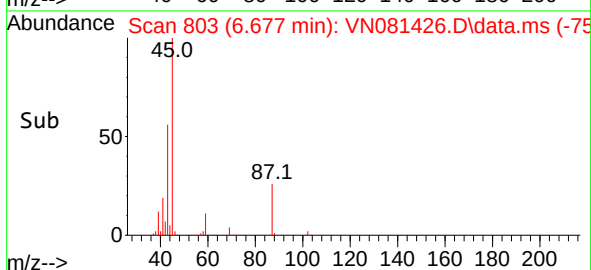
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

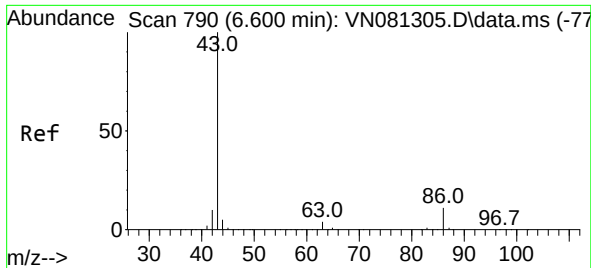


#22
Diisopropyl ether
Concen: 57.594 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57



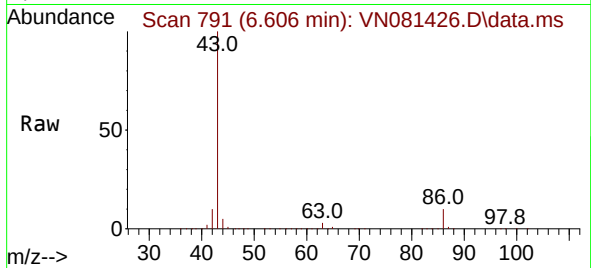
Tgt Ion: 45 Resp: 636079
Ion Ratio Lower Upper
45 100
43 54.8 41.8 62.8
87 26.0 18.1 27.1
59 11.2 9.0 13.6





#23
 Vinyl Acetate
 Concen: 268.894 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081426.D
 Acq: 15 Mar 2024 13:57

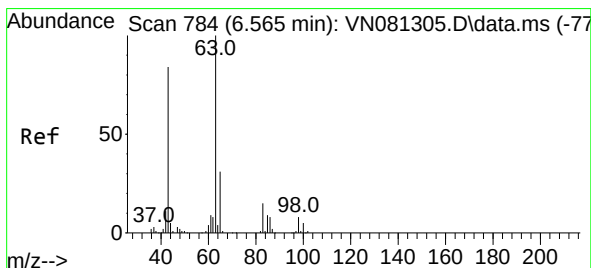
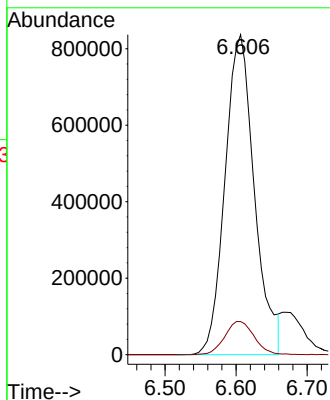
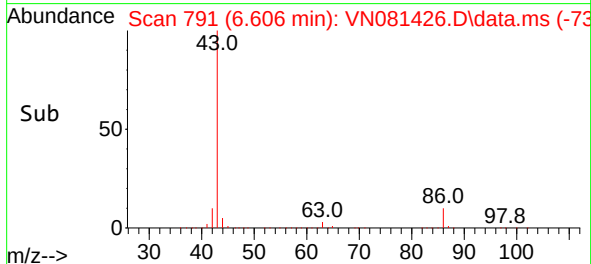
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



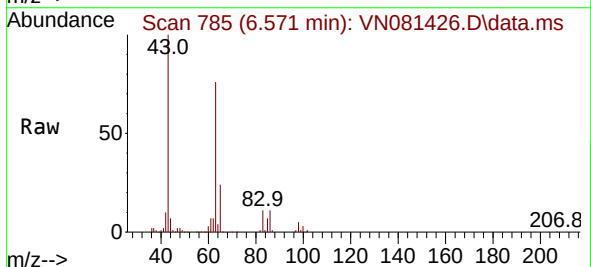
Tgt Ion: 43 Resp: 2412550
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.1 10.7

Manual Integrations
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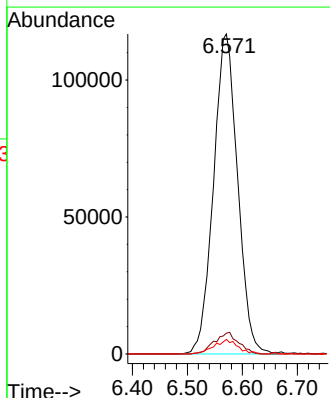
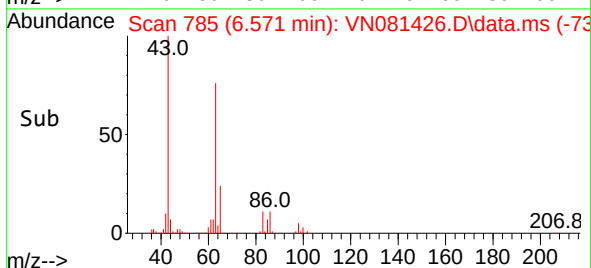
Reviewed By :John Carlone 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024

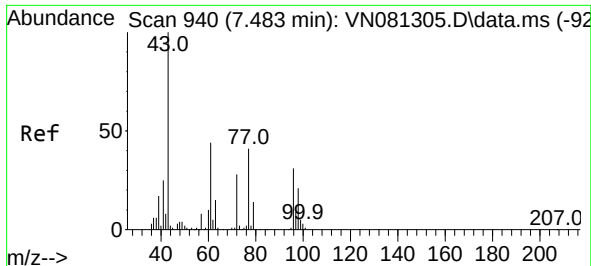


#24
 1,1-Dichloroethane
 Concen: 52.683 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081426.D
 Acq: 15 Mar 2024 13:57



Tgt Ion: 63 Resp: 356167
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.6
 100 4.6 1.9 5.7





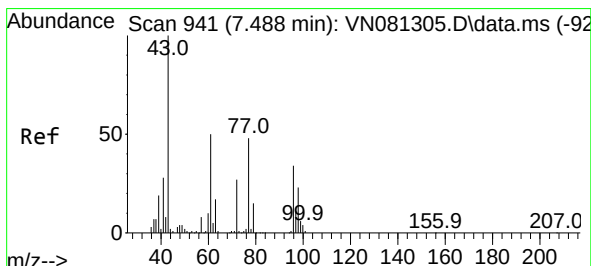
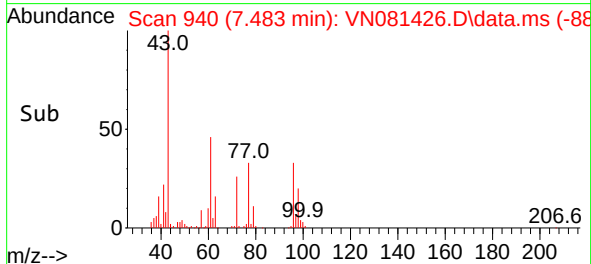
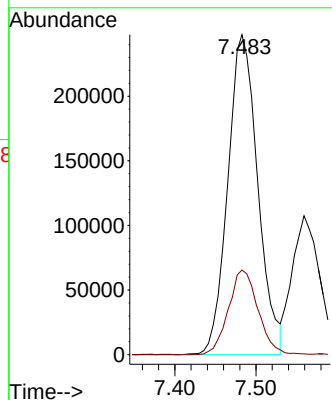
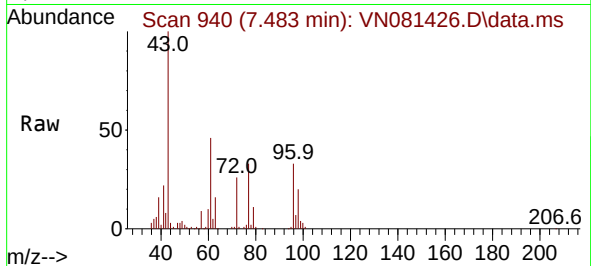
#25
2-Butanone
Concen: 257.689 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 635608
Ion Ratio Lower Upper
43 100
72 26.5 19.5 29.3

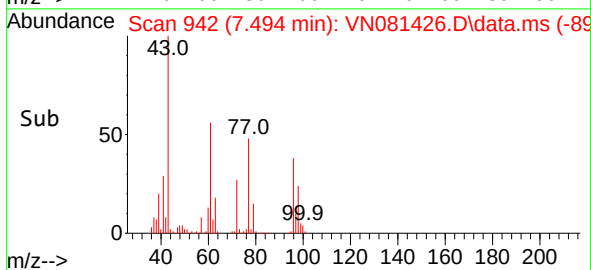
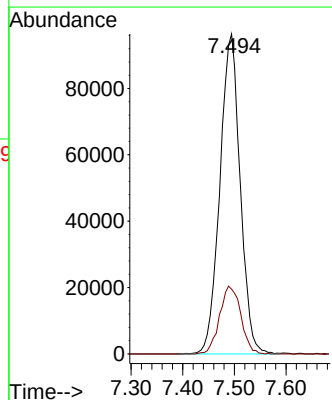
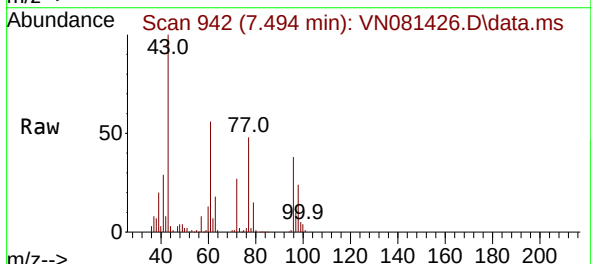
Manual Integrations
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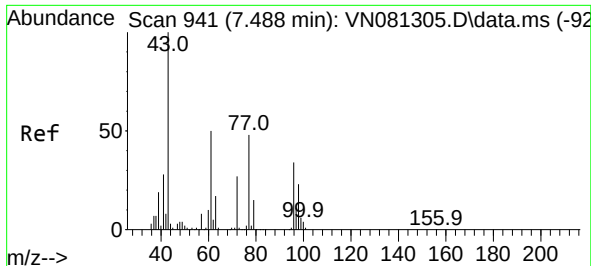
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#26
2,2-Dichloropropane
Concen: 43.978 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

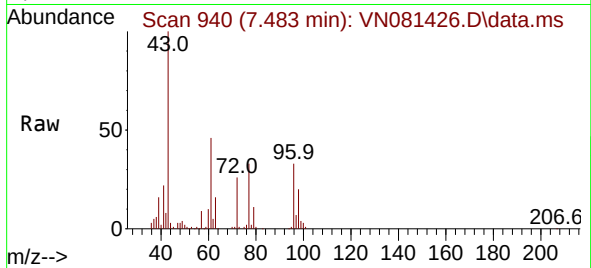
Tgt Ion: 77 Resp: 262774
Ion Ratio Lower Upper
77 100
97 22.2 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 50.663 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081426.D
 Acq: 15 Mar 2024 13:57

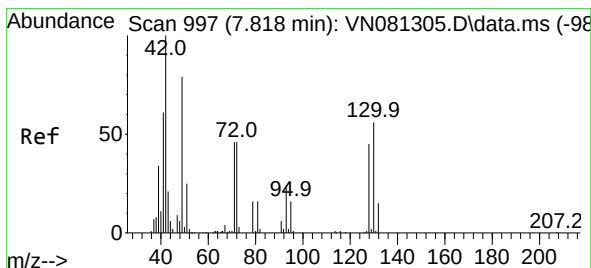
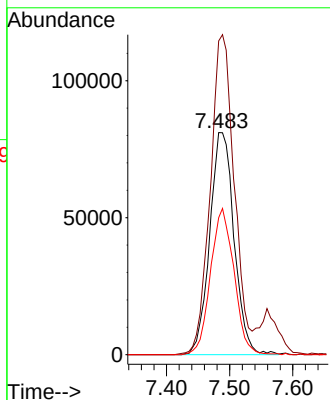
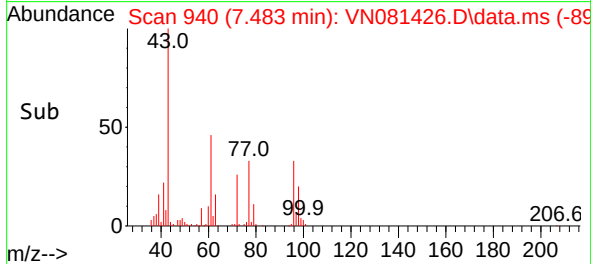
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 21697
 Ion Ratio Lower Upper
 96 100
 61 141.9 0.0 325.4
 98 63.6 0.0 130.4

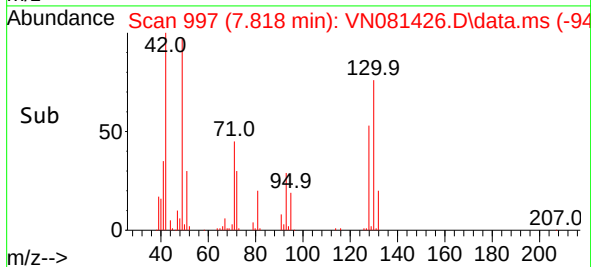
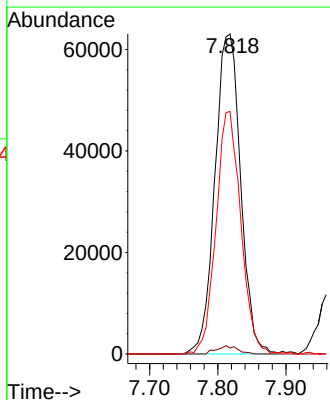
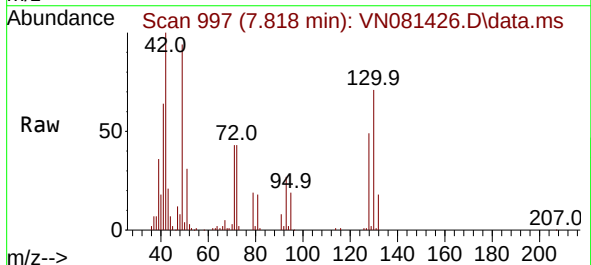
Manual Integrations
 APPROVED

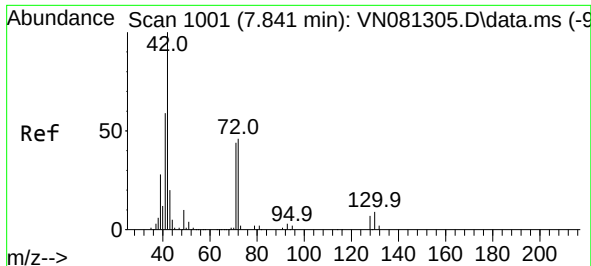
Reviewed By :John Carlone 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024



#28
 Bromochloromethane
 Concen: 57.188 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN081426.D
 Acq: 15 Mar 2024 13:57

Tgt Ion: 49 Resp: 165431
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 1.6#
 130 73.1 42.3 63.5#





#29

Tetrahydrofuran

Concen: 256.616 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN081426.D

Acq: 15 Mar 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 431610

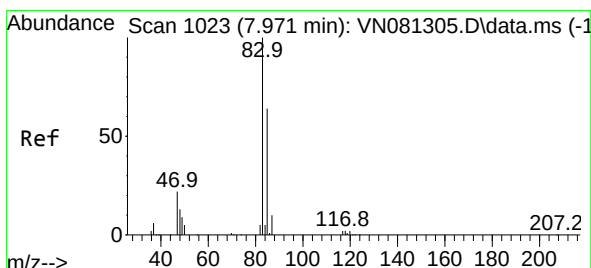
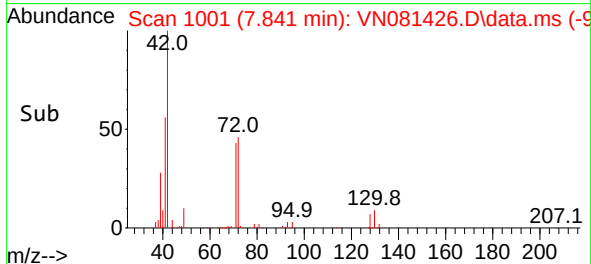
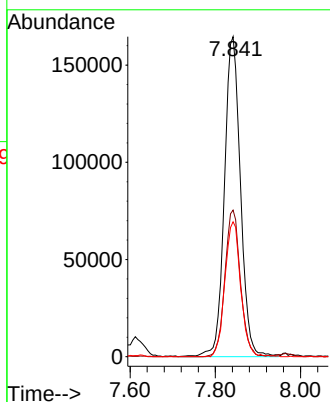
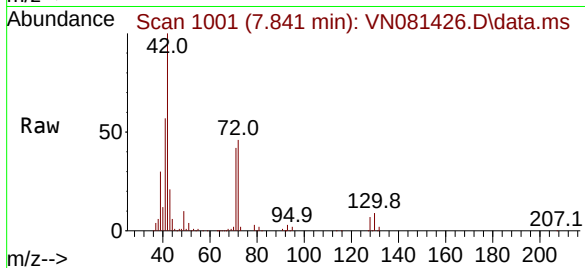
Ion	Ratio	Lower	Upper
42	100		
72	44.2	31.1	46.7
71	41.5	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#30

Chloroform

Concen: 54.872 ug/l

RT: 7.971 min Scan# 1023

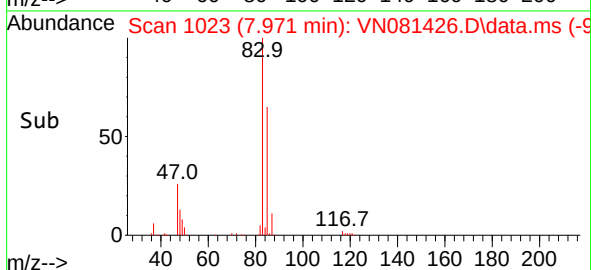
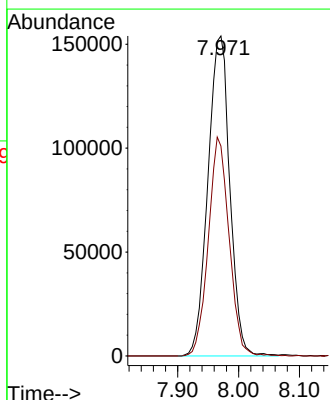
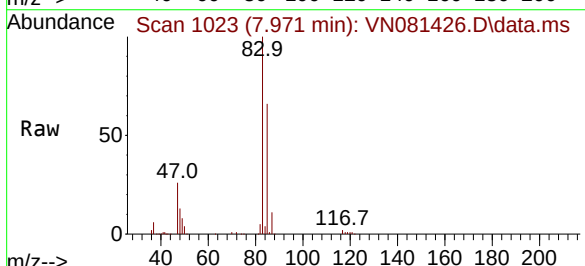
Delta R.T. 0.000 min

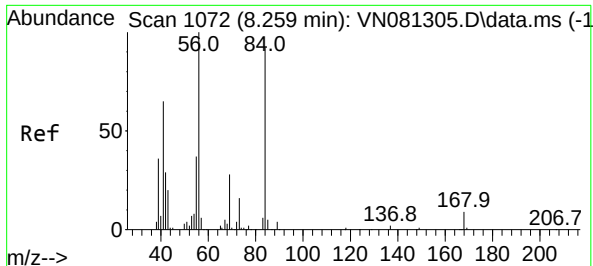
Lab File: VN081426.D

Acq: 15 Mar 2024 13:57

Tgt Ion: 83 Resp: 384961

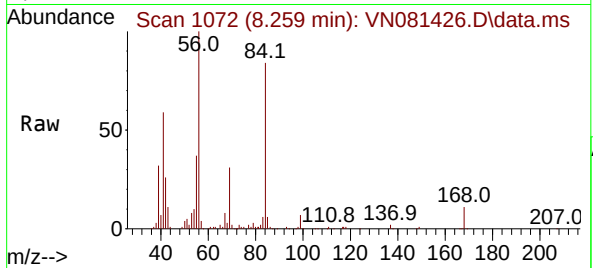
Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.0	76.6





#31
Cyclohexane
Concen: 40.550 ug/l m
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

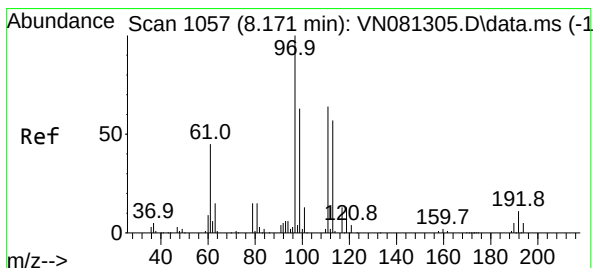
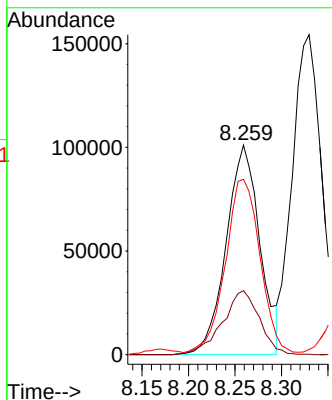
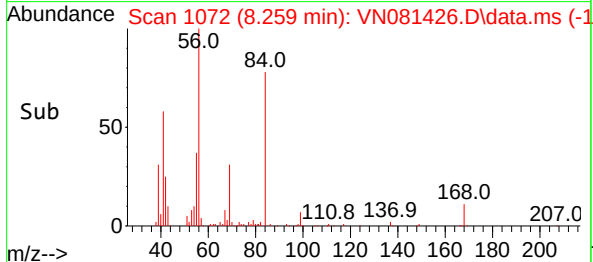
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 25521
Ion Ratio Lower Upper
56 100
69 30.6 20.1 30.1
84 83.7 56.9 85.3

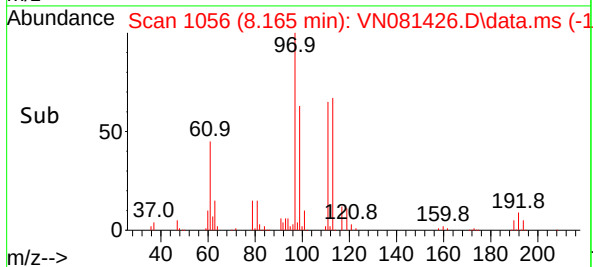
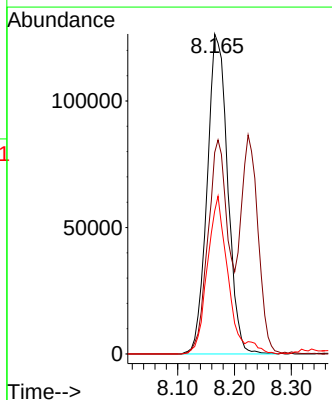
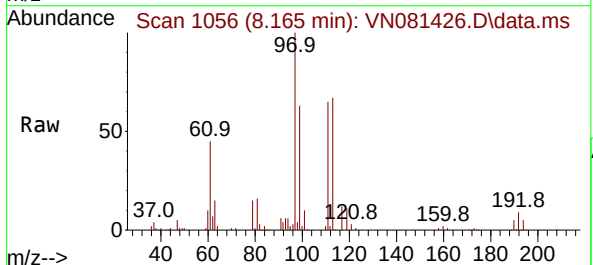
Manual Integrations
APPROVED

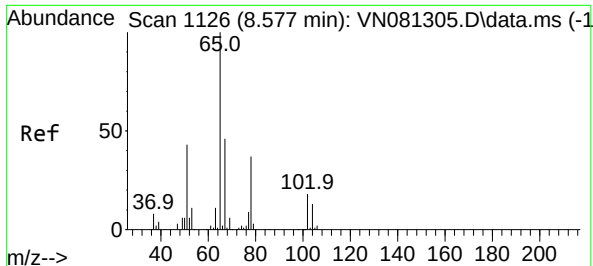
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#32
1,1,1-Trichloroethane
Concen: 51.144 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

Tgt Ion: 97 Resp: 317162
Ion Ratio Lower Upper
97 100
99 65.9 53.4 80.0
61 50.1 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 59.995 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081426.D

Acq: 15 Mar 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 249399

Ion Ratio Lower Upper

65 100

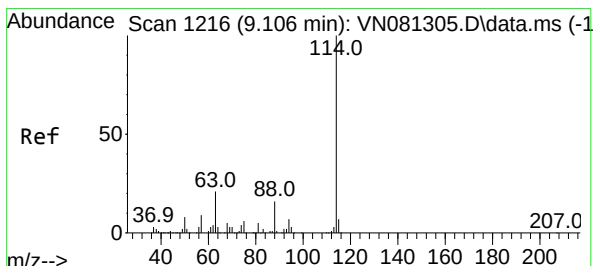
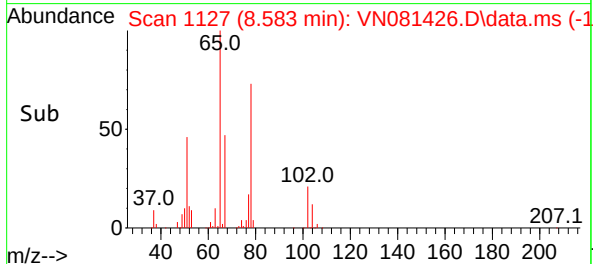
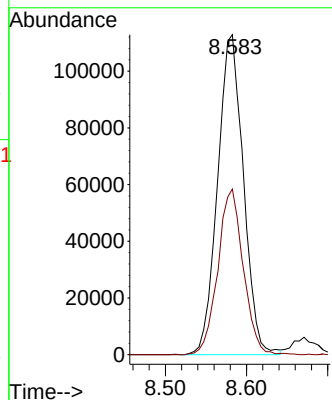
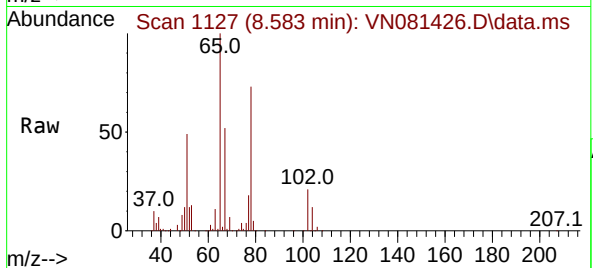
67 51.0 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081426.D

Acq: 15 Mar 2024 13:57

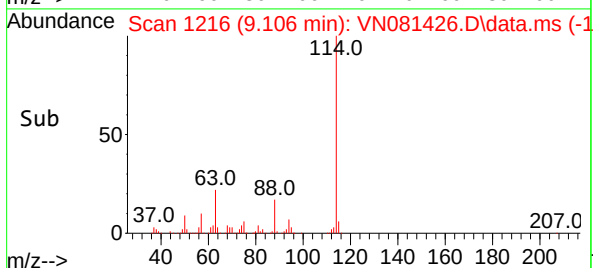
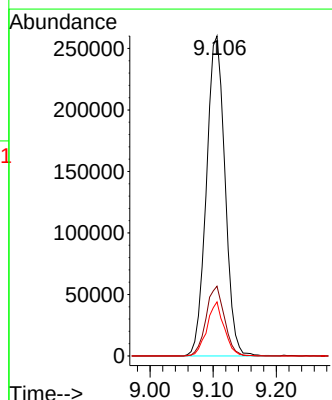
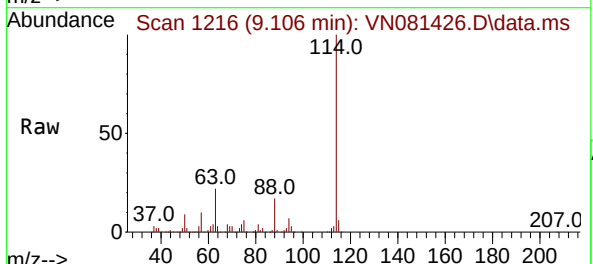
Tgt Ion:114 Resp: 531004

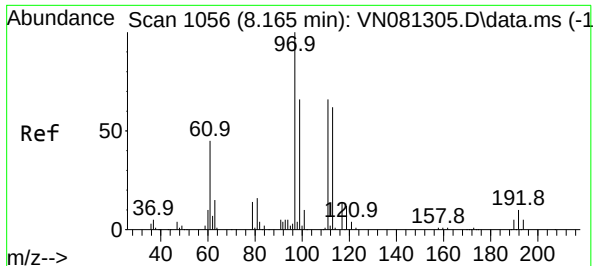
Ion Ratio Lower Upper

114 100

63 21.8 0.0 48.0

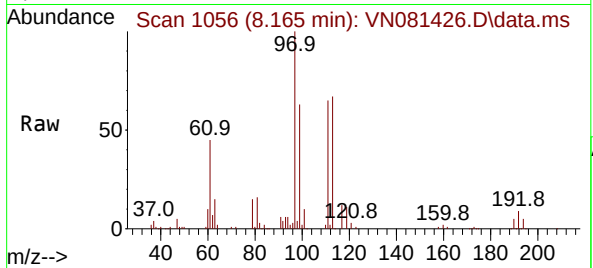
88 16.9 0.0 34.8





#35
Dibromofluoromethane
Concen: 59.236 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

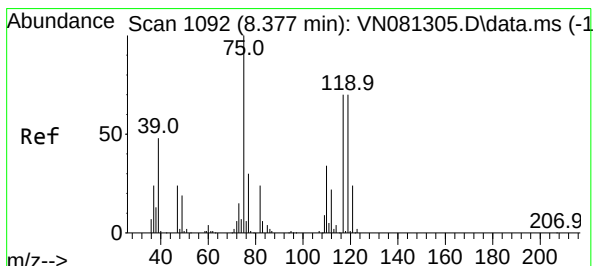
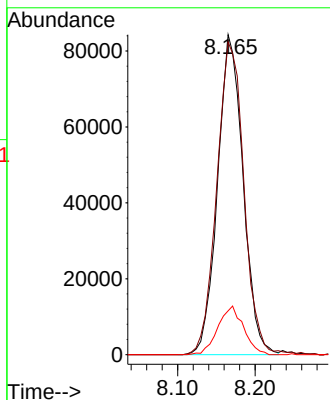
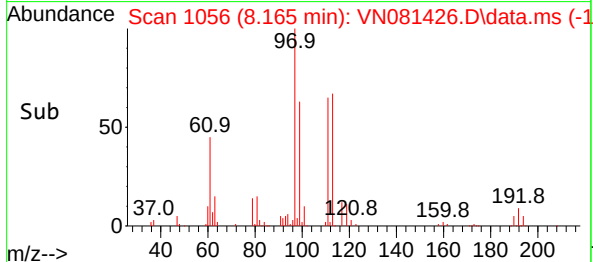
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



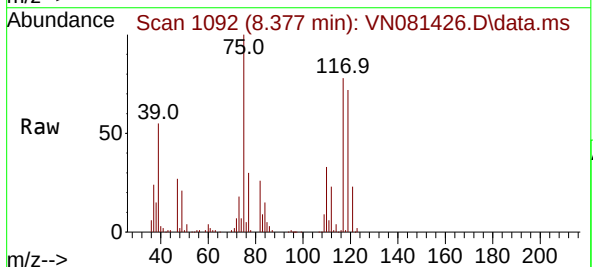
Tgt Ion:113 Resp: 192711
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 15.3 12.5 18.7

Manual Integrations
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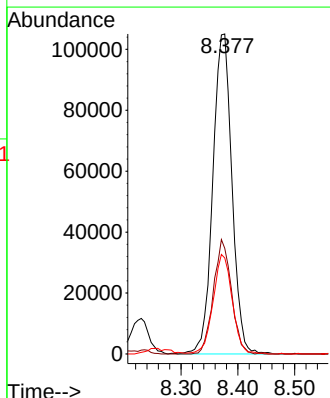
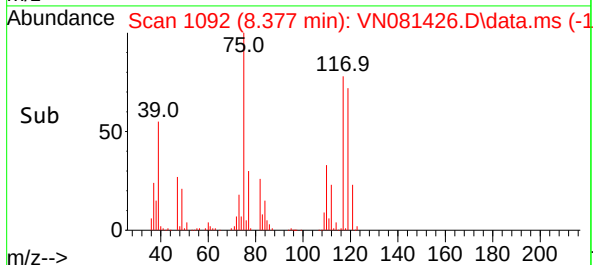
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

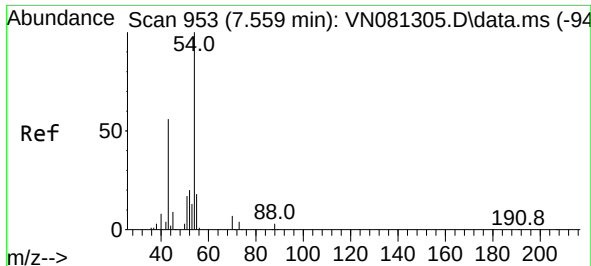


#36
1,1-Dichloropropene
Concen: 46.780 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57



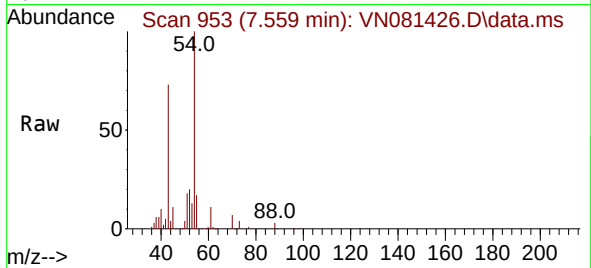
Tgt Ion: 75 Resp: 245529
Ion Ratio Lower Upper
75 100
110 33.7 16.0 48.0
77 31.1 25.8 38.6





#37
Ethyl Acetate
Concen: 51.013 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

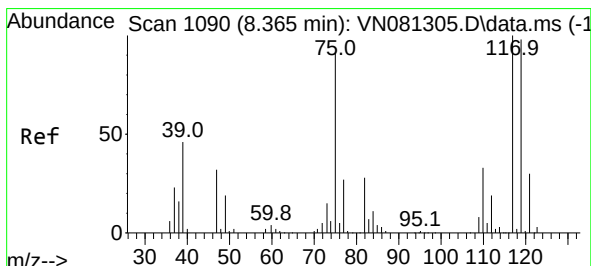
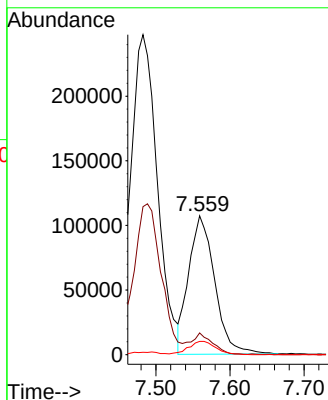
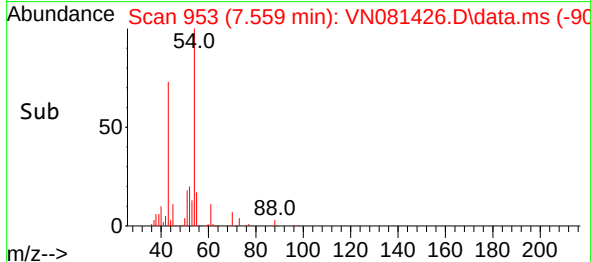
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 26173
Ion Ratio Lower Upper
43 100
61 11.6 10.6 15.8
70 10.1 8.0 12.0

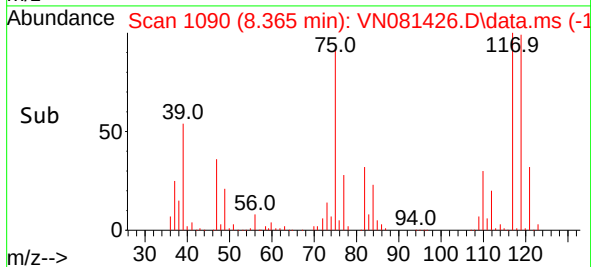
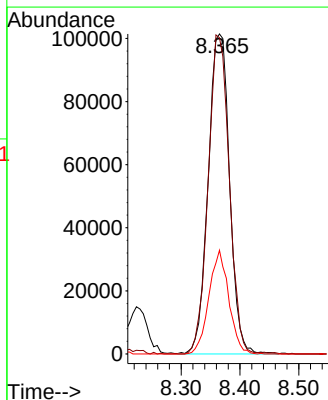
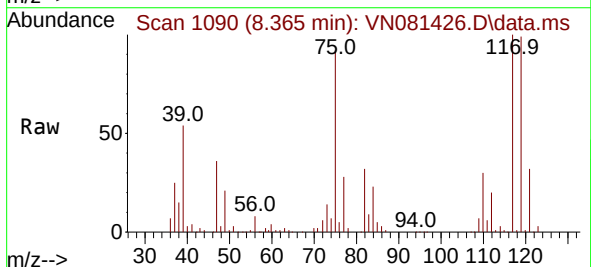
Manual Integrations
APPROVED

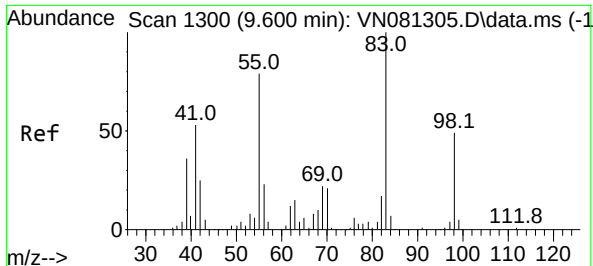
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#38
Carbon Tetrachloride
Concen: 48.610 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

Tgt Ion:117 Resp: 256774
Ion Ratio Lower Upper
117 100
119 98.8 73.4 110.2
121 32.4 24.4 36.6





#39

Methylcyclohexane

Concen: 39.637 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN081426.D

Acq: 15 Mar 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

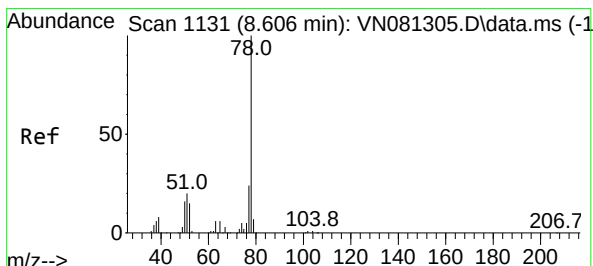
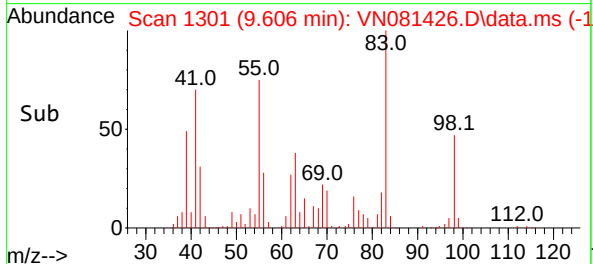
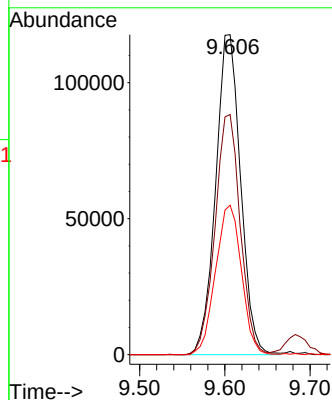
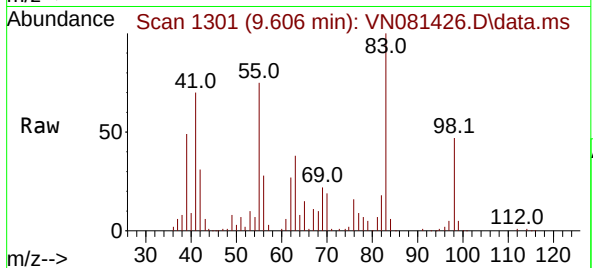
Tgt Ion: 83 Resp: 239418
 Ion Ratio Lower Upper
 83 100
 55 75.0 65.7 98.5
 98 46.7 33.8 50.6

Manual Integrations

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Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#40

Benzene

Concen: 50.137 ug/l

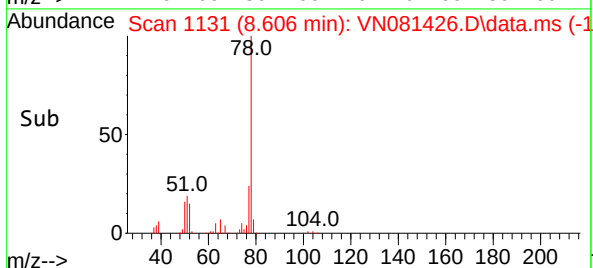
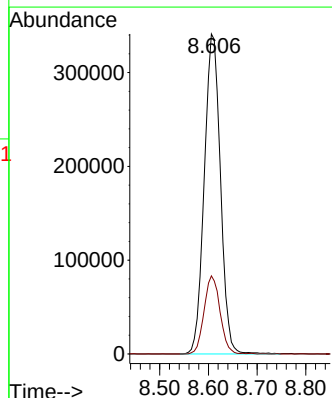
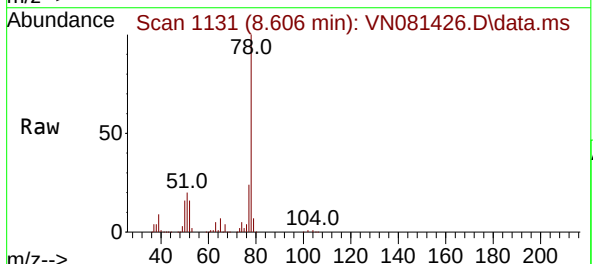
RT: 8.606 min Scan# 1131

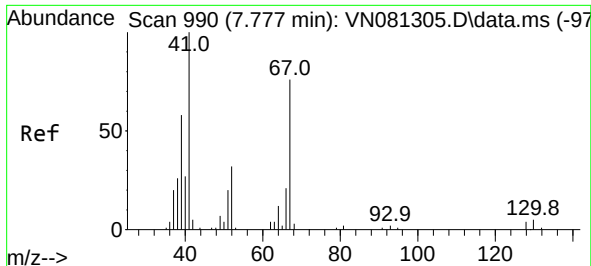
Delta R.T. 0.000 min

Lab File: VN081426.D

Acq: 15 Mar 2024 13:57

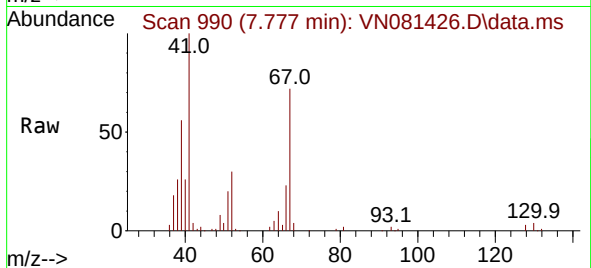
Tgt Ion: 78 Resp: 785455
 Ion Ratio Lower Upper
 78 100
 77 24.4 20.4 30.6





#41
Methacrylonitrile
Concen: 51.574 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

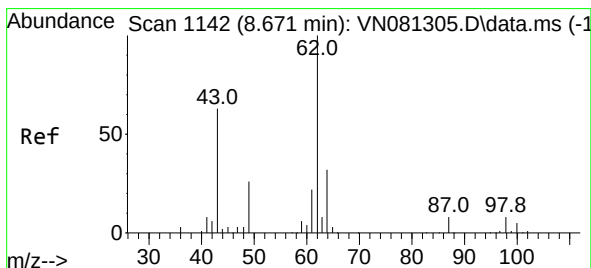
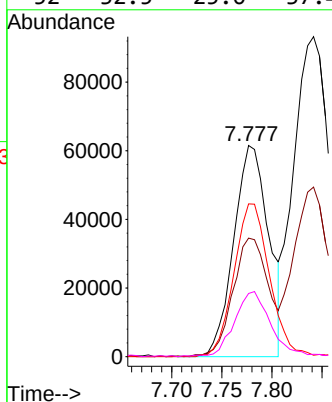
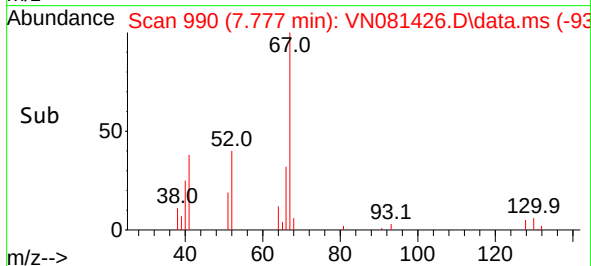
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 149429
Ion Ratio Lower Upper
41 100
39 57.3 48.4 72.6
67 74.4 56.8 85.2
52 32.5 25.0 37.4

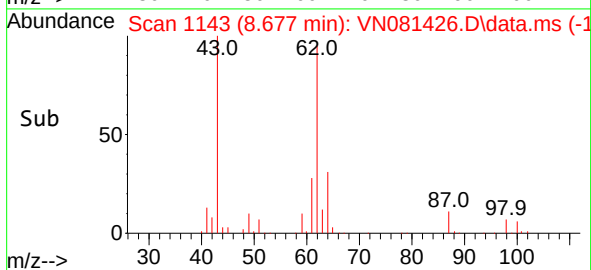
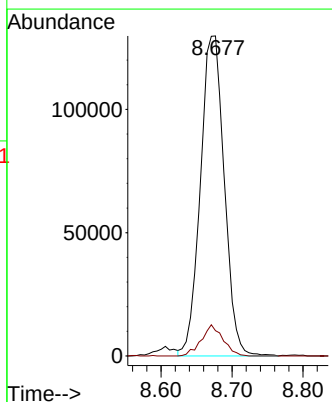
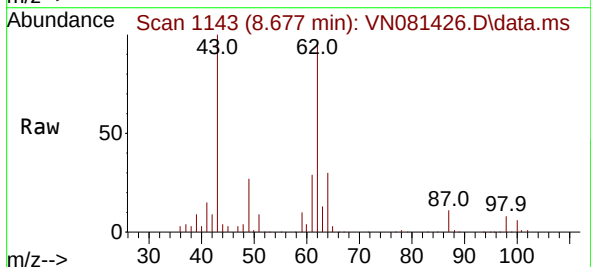
Manual Integrations
APPROVED

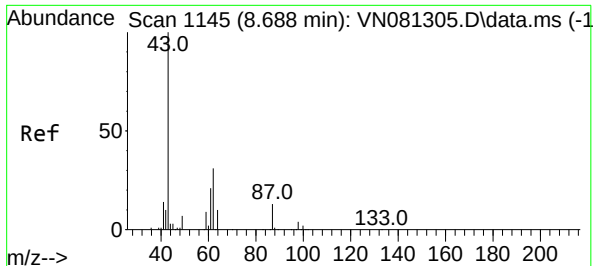
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#42
1,2-Dichloroethane
Concen: 55.013 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

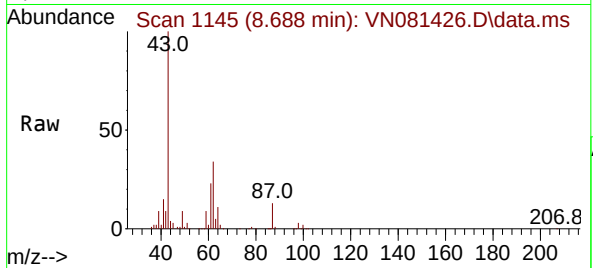
Tgt Ion: 62 Resp: 303874
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.0





#43
Isopropyl Acetate
Concen: 50.180 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

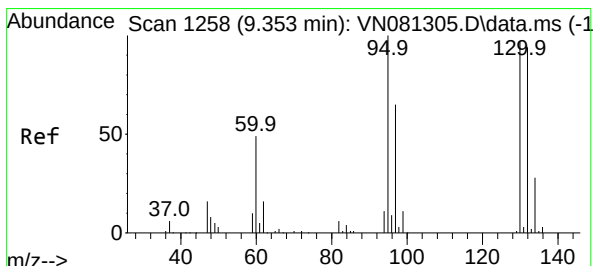
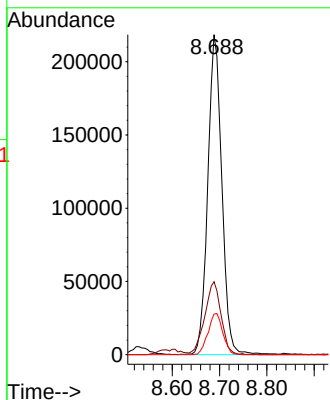
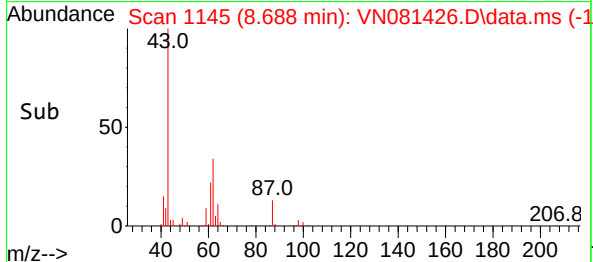
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



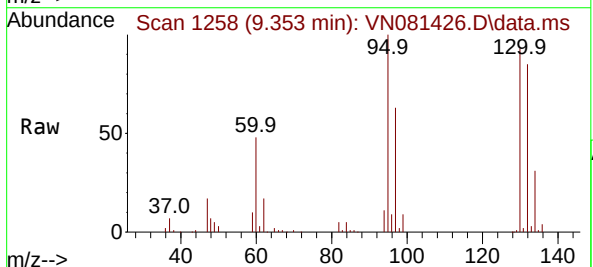
Tgt Ion: 43 Resp: 450623
Ion Ratio Lower Upper
43 100
61 26.4 19.9 29.9
87 13.5 9.0 13.6

Manual Integrations
APPROVED

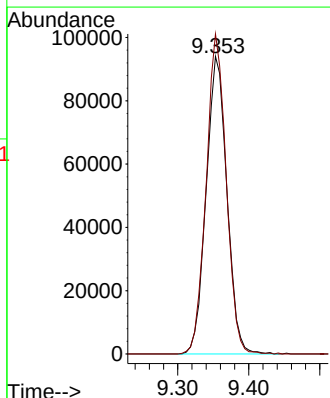
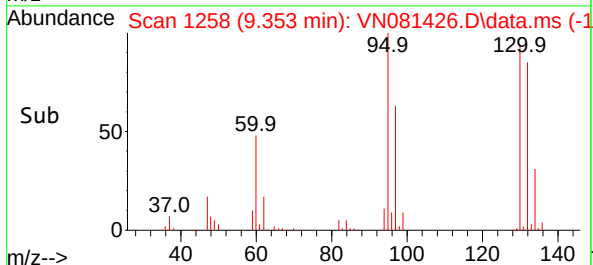
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

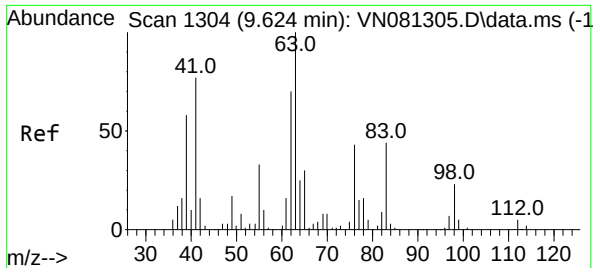


#44
Trichloroethene
Concen: 48.360 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57



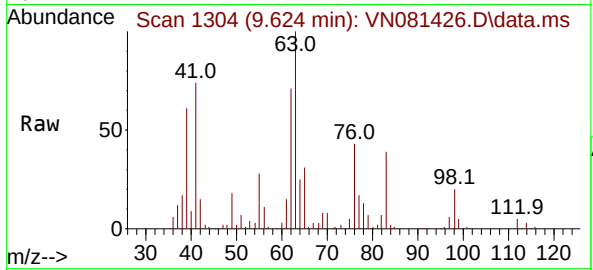
Tgt Ion:130 Resp: 191080
Ion Ratio Lower Upper
130 100
95 107.5 0.0 210.4





#45
1,2-Dichloropropane
Concen: 53.116 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

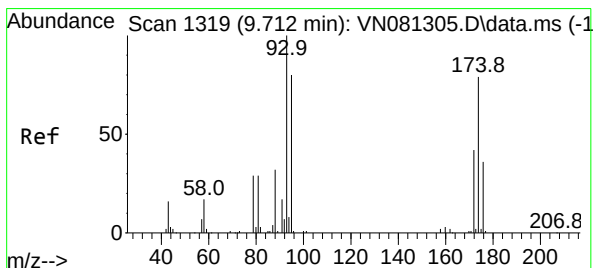
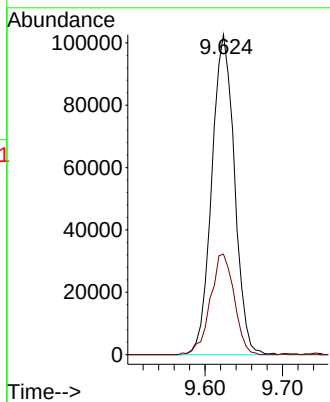
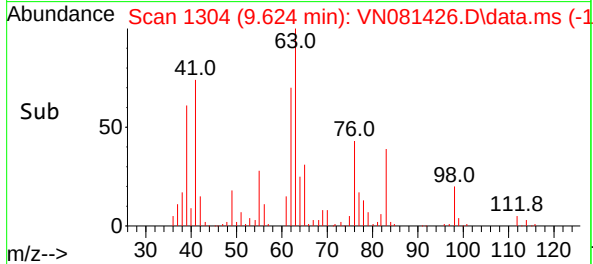
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



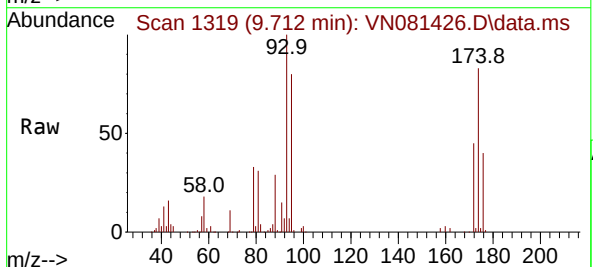
Tgt Ion: 63 Resp: 20903
Ion Ratio Lower Upper
63 100
65 31.4 26.1 39.1

Manual Integrations
APPROVED

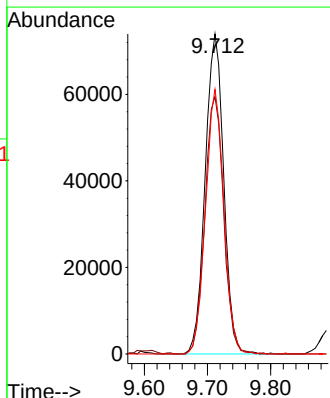
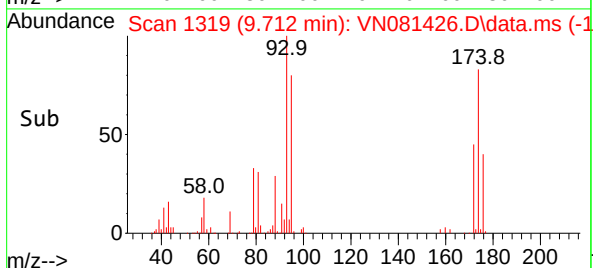
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

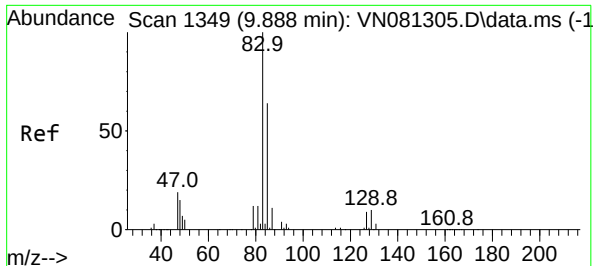


#46
Dibromomethane
Concen: 54.293 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57



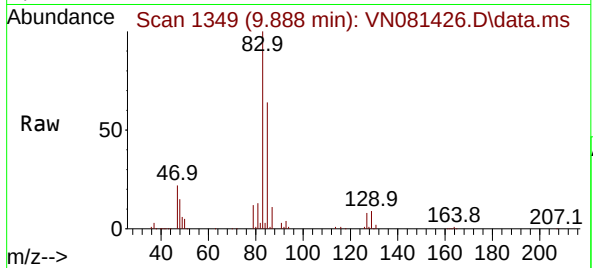
Tgt Ion: 93 Resp: 150607
Ion Ratio Lower Upper
93 100
95 81.4 68.1 102.1
174 82.0 57.2 85.8





#47
Bromodichloromethane
Concen: 55.787 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

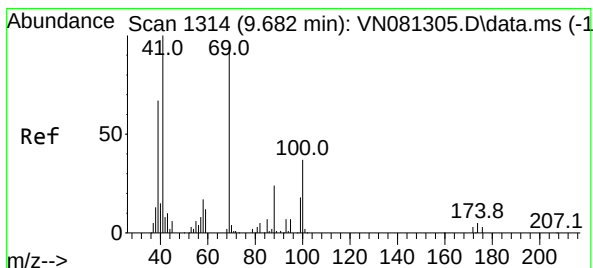
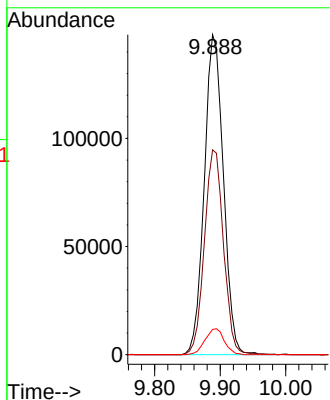
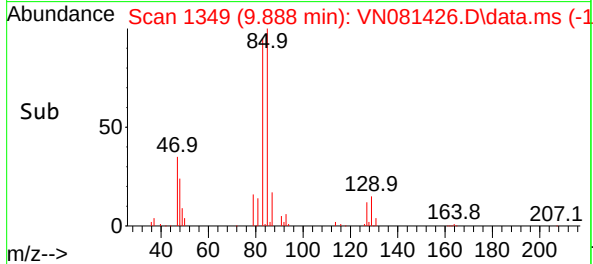
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



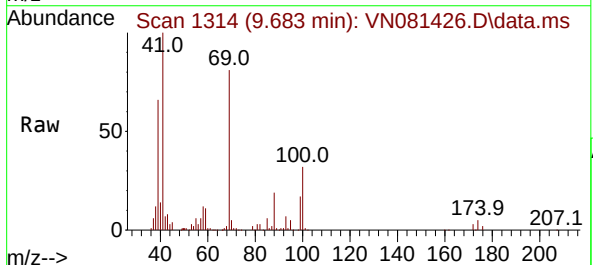
Tgt Ion: 83 Resp: 30042
Ion Ratio Lower Upper
83 100
85 64.0 52.3 78.5
127 7.9 4.6 7.0

Manual Integrations
APPROVED

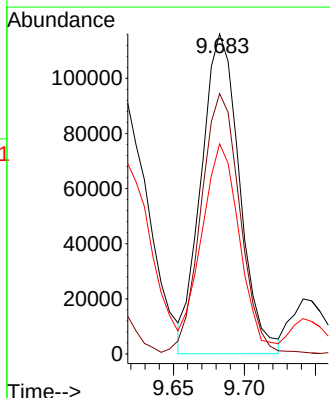
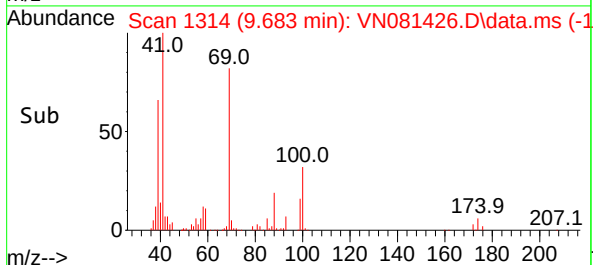
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

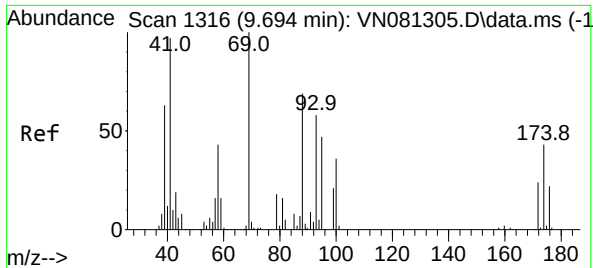


#48
Methyl methacrylate
Concen: 54.745 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57



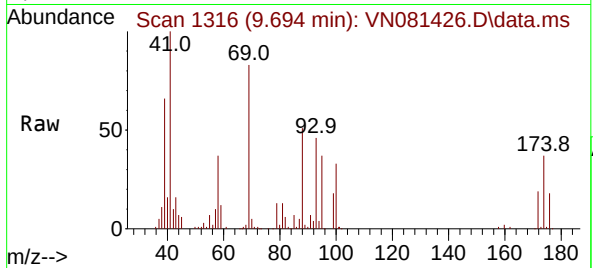
Tgt Ion: 41 Resp: 217307
Ion Ratio Lower Upper
41 100
69 82.9 62.2 93.2
39 66.1 47.6 71.4





#49
1,4-Dioxane
Concen: 906.859 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

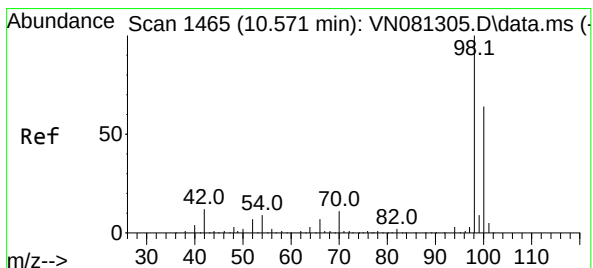
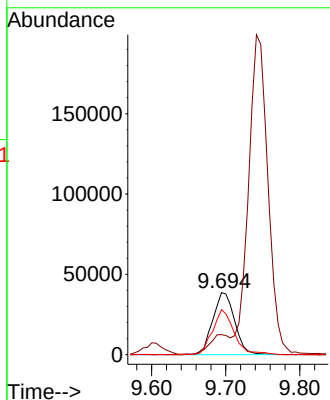
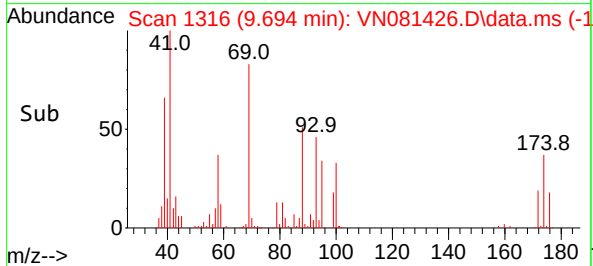
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 7934
Ion Ratio Lower Upper
88 100
43 29.6 30.1 45.1
58 71.3 63.9 95.9

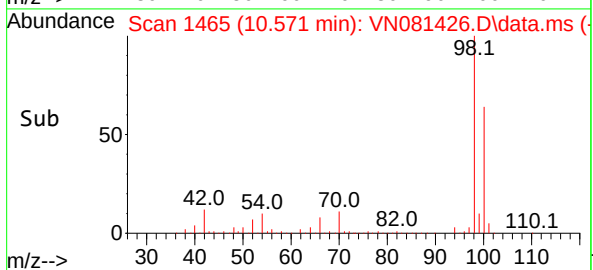
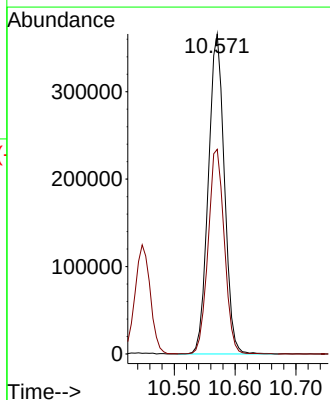
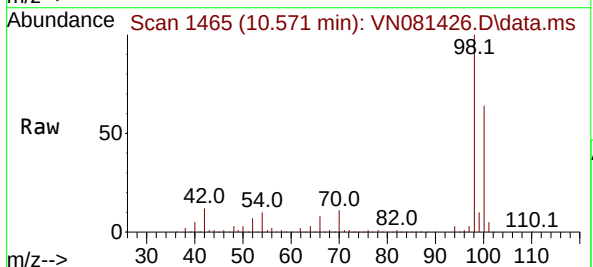
Manual Integrations
APPROVED

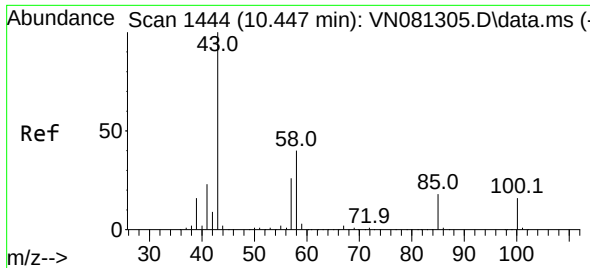
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#50
Toluene-d8
Concen: 55.026 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

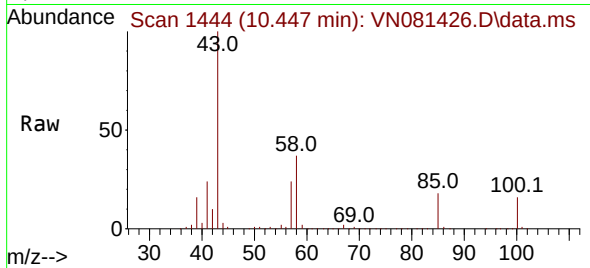
Tgt Ion: 98 Resp: 669203
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 270.684 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

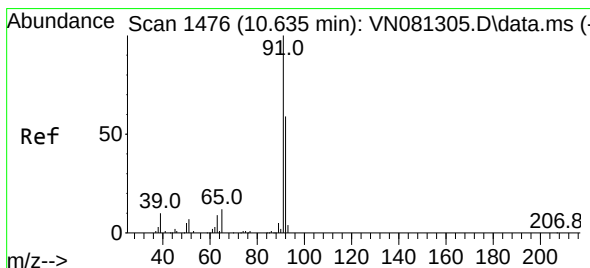
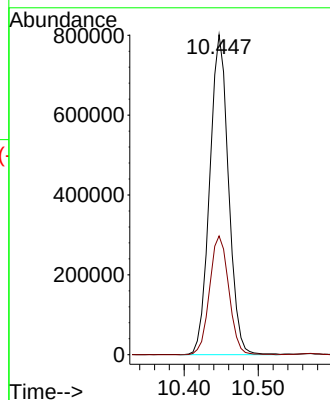
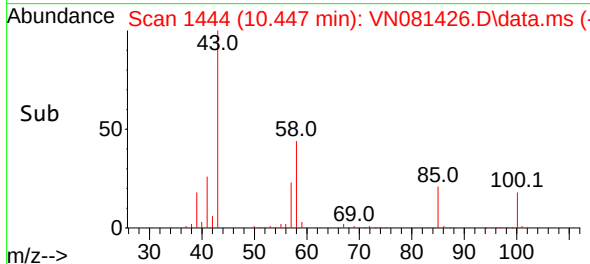
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 141142
Ion Ratio Lower Upper
43 100
58 37.9 29.4 44.0

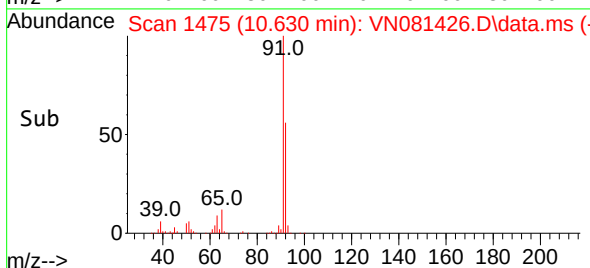
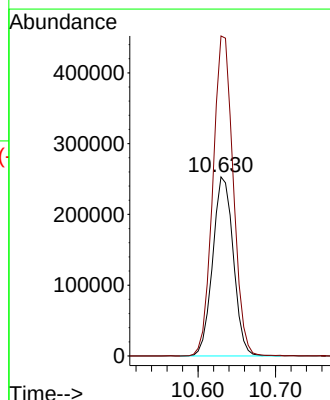
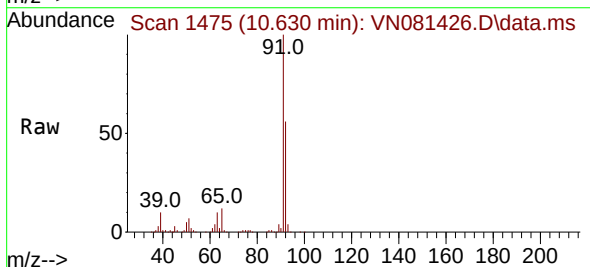
Manual Integrations
APPROVED

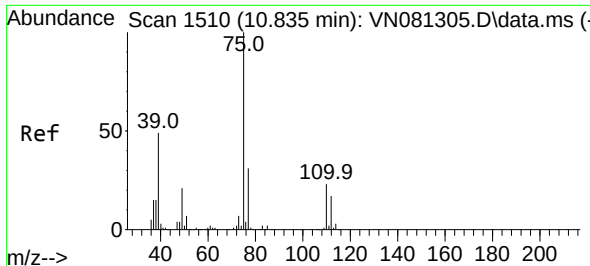
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#52
Toluene
Concen: 49.479 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

Tgt Ion: 92 Resp: 468256
Ion Ratio Lower Upper
92 100
91 176.5 139.4 209.0





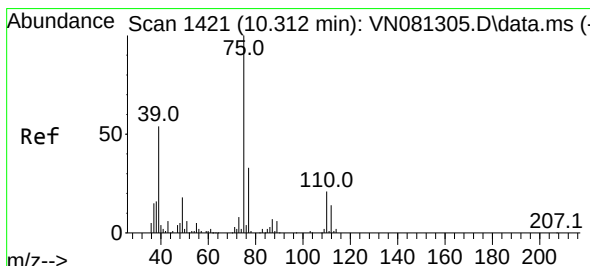
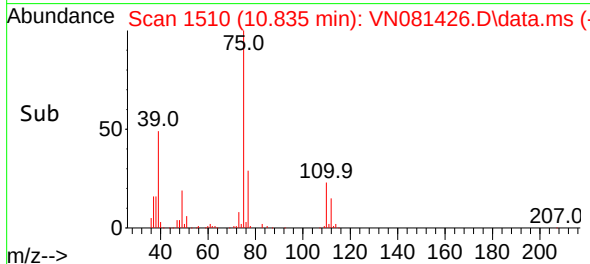
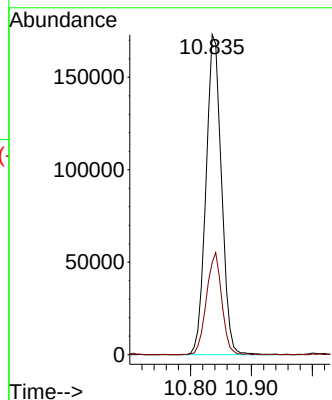
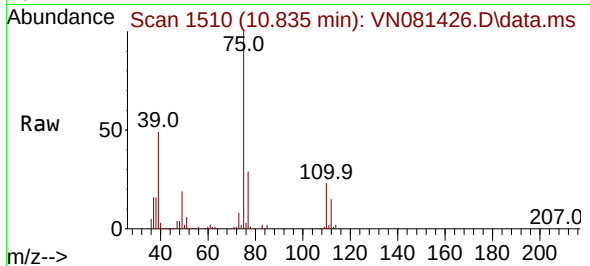
#53
t-1,3-Dichloropropene
Concen: 52.503 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 305910
Ion Ratio Lower Upper
75 100
77 28.8 25.5 38.3

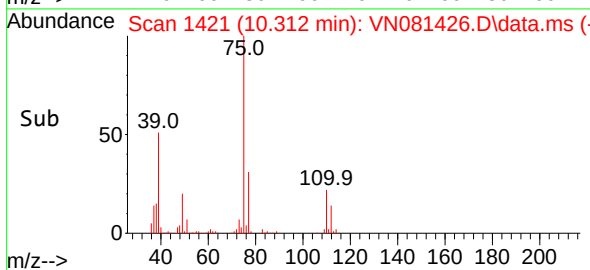
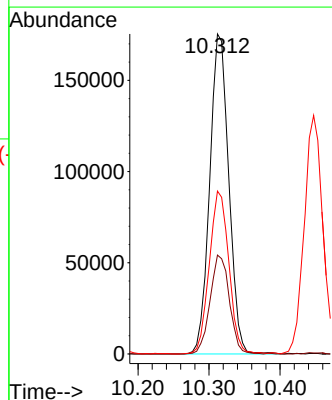
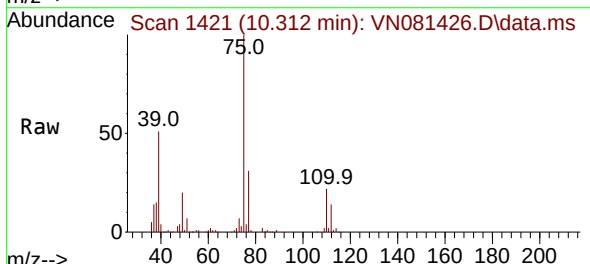
Manual Integrations
APPROVED

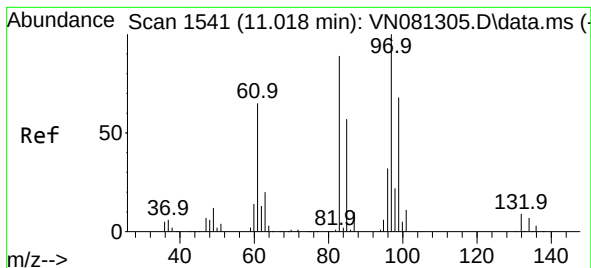
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#54
cis-1,3-Dichloropropene
Concen: 52.000 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

Tgt Ion: 75 Resp: 327084
Ion Ratio Lower Upper
75 100
77 30.9 23.3 34.9
39 50.9 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 54.447 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN081426.D

Acq: 15 Mar 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 204330

Ion Ratio Lower Upper

97 100

83 90.0 72.9 109.3

85 55.0 50.2 75.2

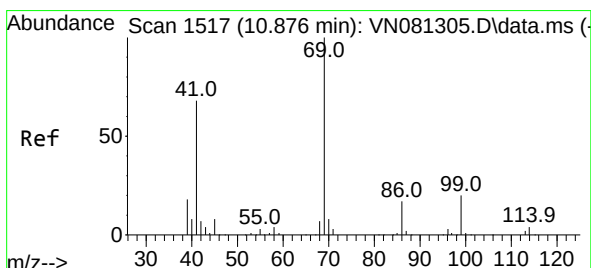
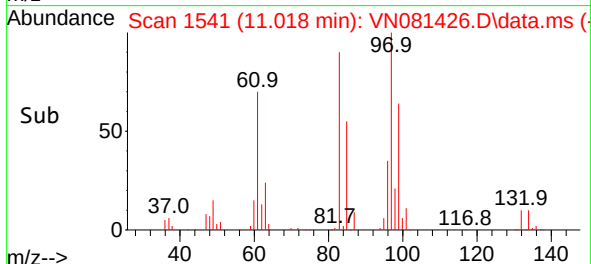
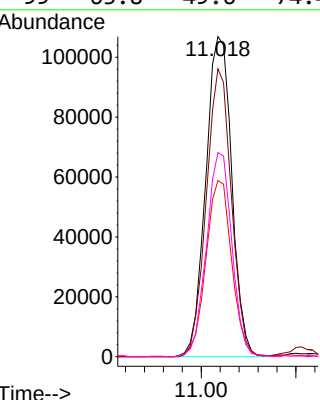
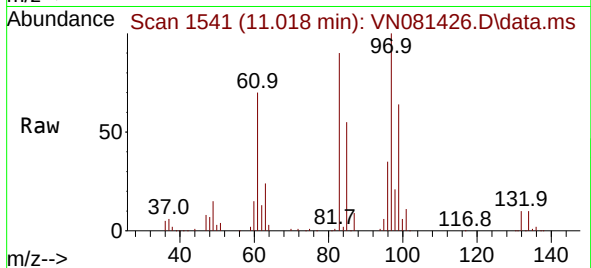
99 63.8 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#56

Ethyl methacrylate

Concen: 55.287 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN081426.D

Acq: 15 Mar 2024 13:57

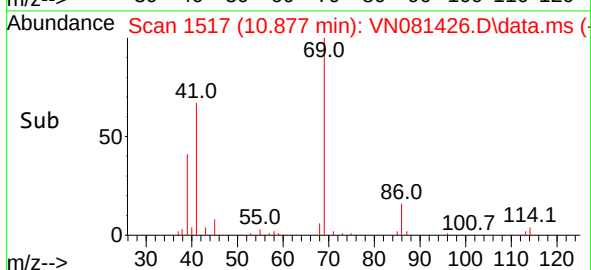
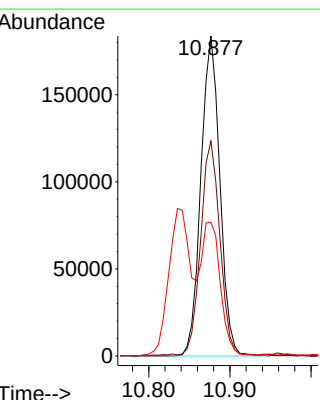
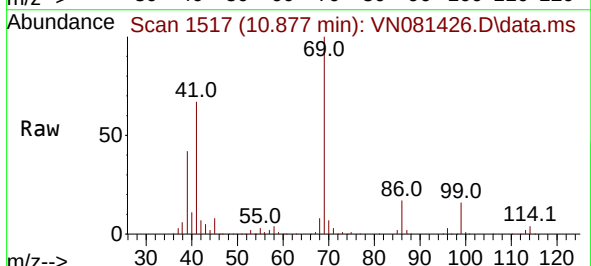
Tgt Ion: 69 Resp: 297930

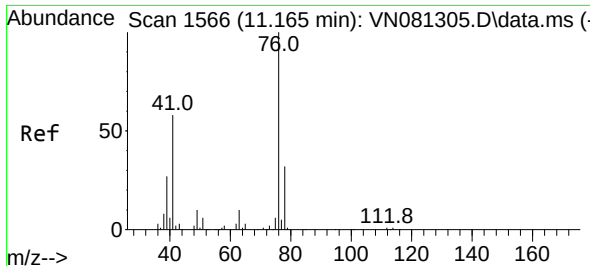
Ion Ratio Lower Upper

69 100

41 69.0 61.0 91.6

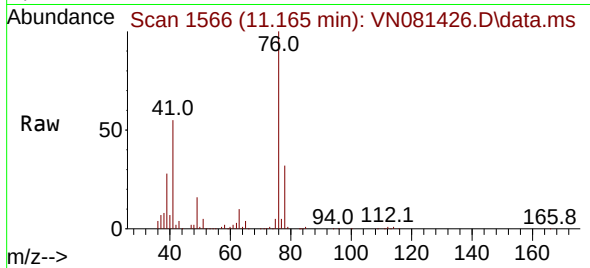
39 41.2 31.8 47.6





#57
1,3-Dichloropropane
Concen: 54.348 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

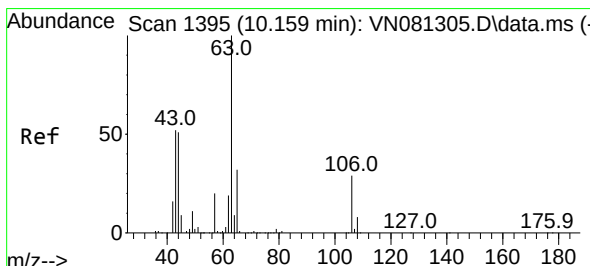
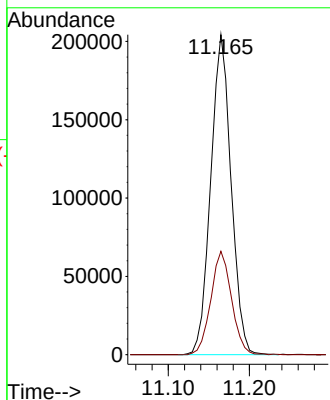
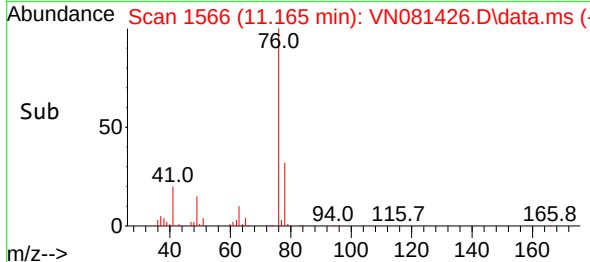
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



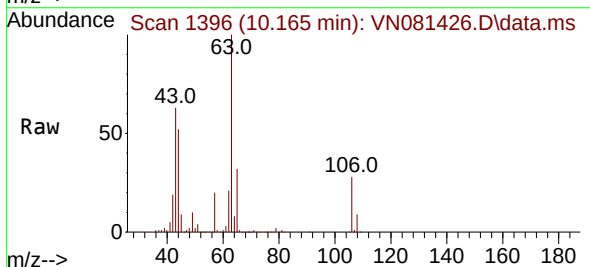
Tgt Ion: 76 Resp: 355968
Ion Ratio Lower Upper
76 100
78 32.9 25.5 38.3

Manual Integrations
APPROVED

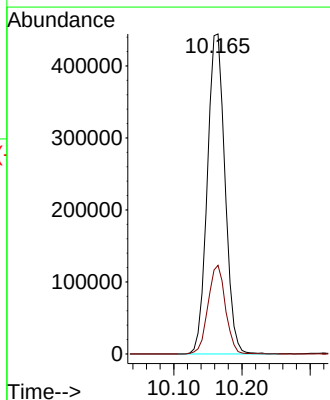
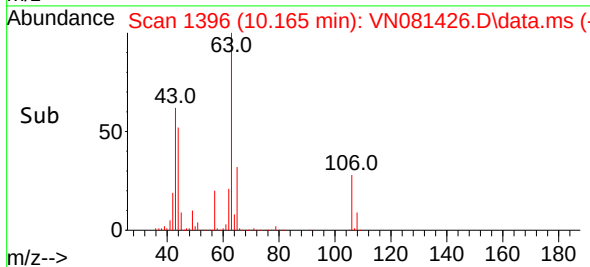
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

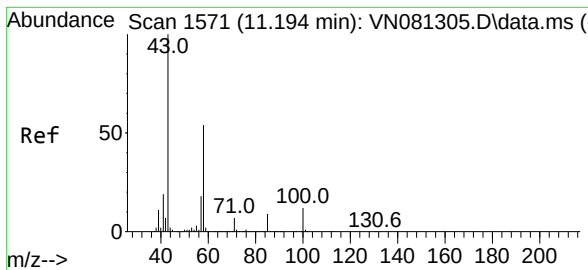


#58
2-Chloroethyl Vinyl ether
Concen: 276.393 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57



Tgt Ion: 63 Resp: 801187
Ion Ratio Lower Upper
63 100
106 27.3 18.6 28.0





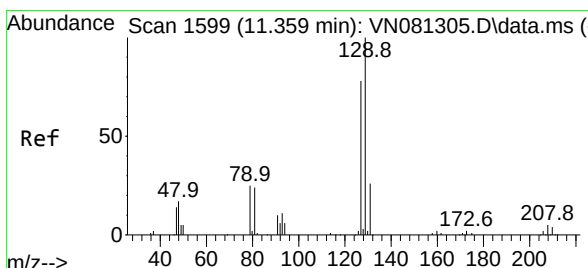
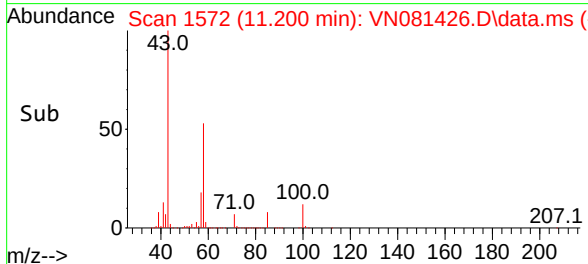
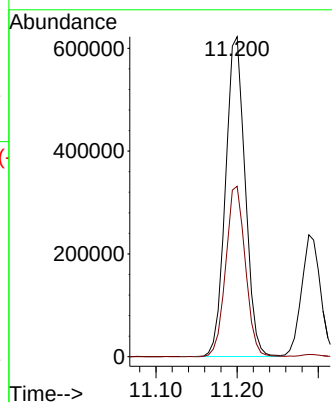
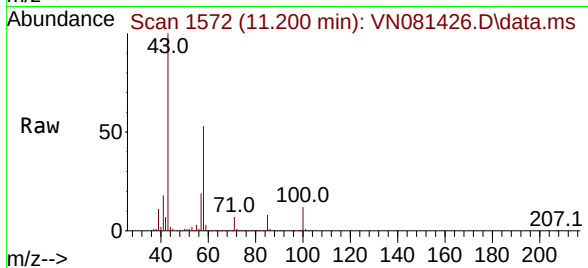
#59
2-Hexanone
Concen: 267.833 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 104404
Ion Ratio Lower Upper
43 100
58 53.3 25.9 77.8

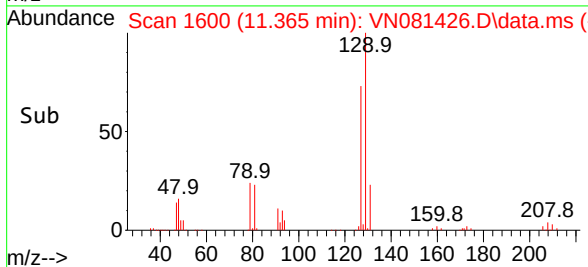
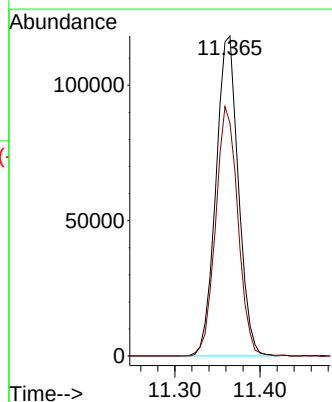
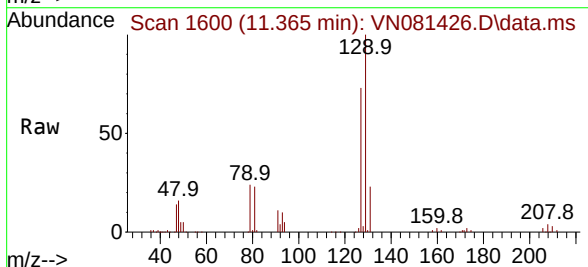
Manual Integrations
APPROVED

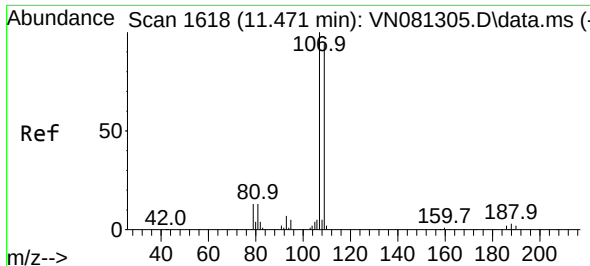
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#60
Dibromochloromethane
Concen: 56.090 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

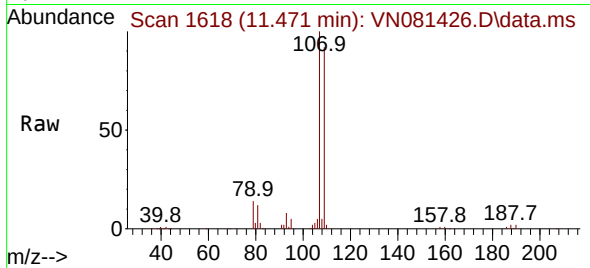
Tgt Ion:129 Resp: 216786
Ion Ratio Lower Upper
129 100
127 77.3 39.4 118.2





#61
1,2-Dibromoethane
Concen: 52.794 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

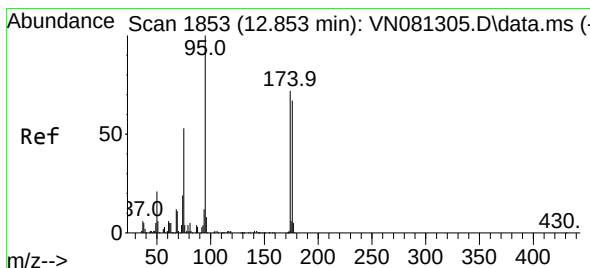
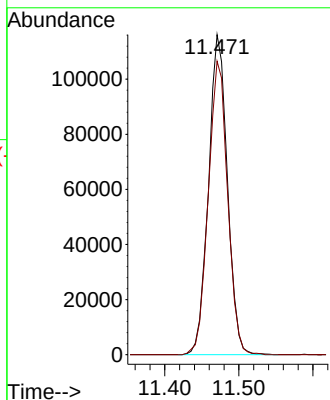
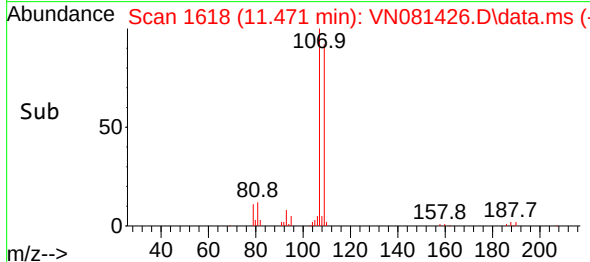
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 107 Resp: 205579
Ion Ratio Lower Upper
107 100
109 93.9 73.4 110.2

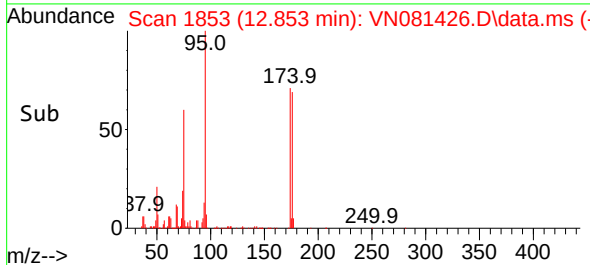
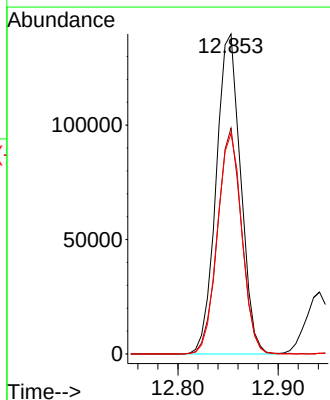
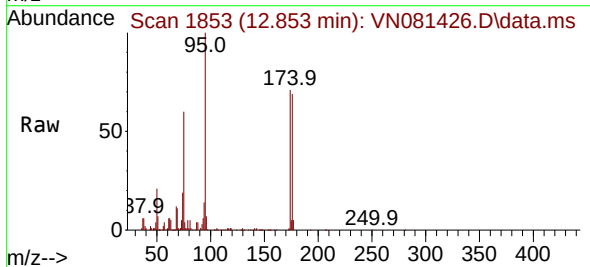
Manual Integrations
APPROVED

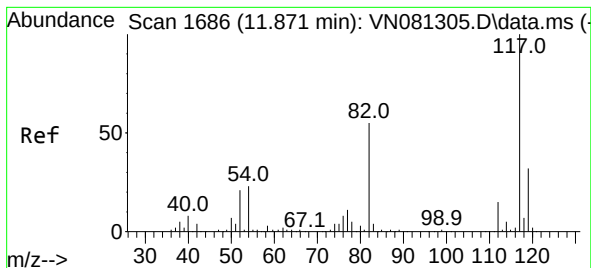
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#62
4-Bromofluorobenzene
Concen: 55.211 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

Tgt Ion: 95 Resp: 237315
Ion Ratio Lower Upper
95 100
174 69.1 0.0 120.4
176 68.7 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081426.D

Acq: 15 Mar 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 483470

Ion Ratio Lower Upper

117 100

82 56.4 52.7 79.1

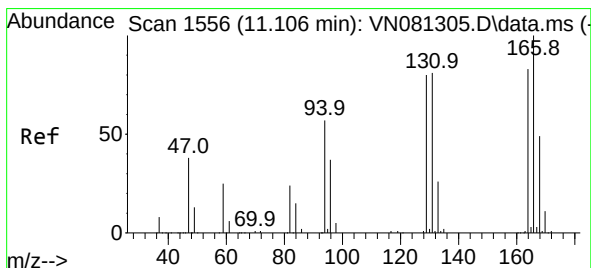
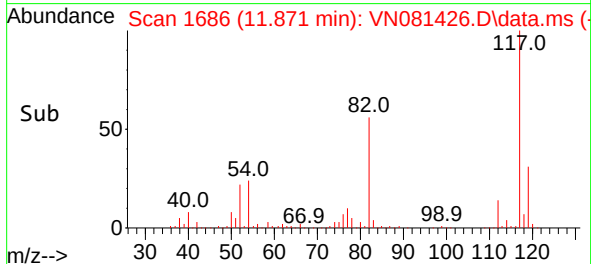
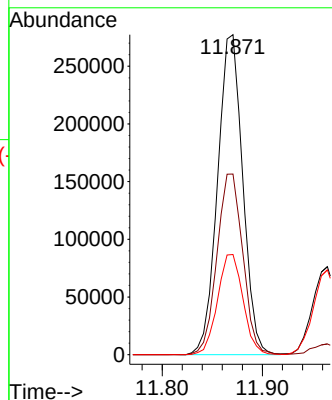
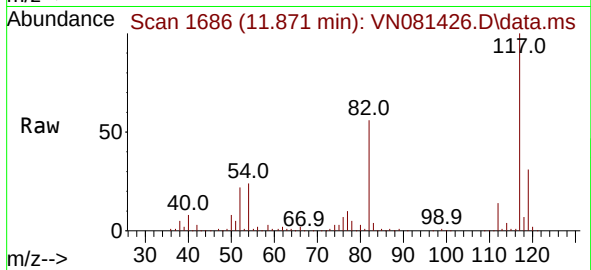
119 31.3 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#64

Tetrachloroethene

Concen: 47.651 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN081426.D

Acq: 15 Mar 2024 13:57

Tgt Ion:164 Resp: 180386

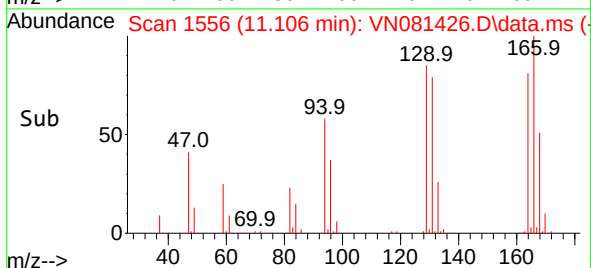
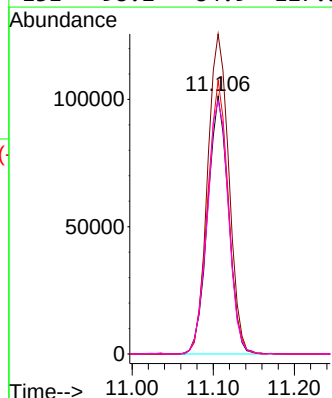
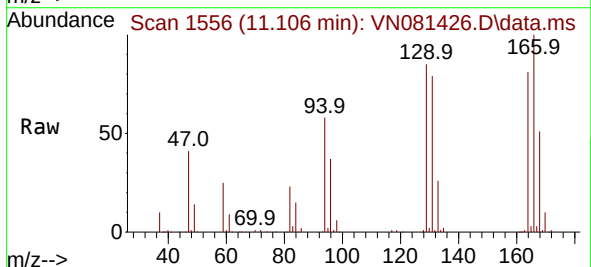
Ion Ratio Lower Upper

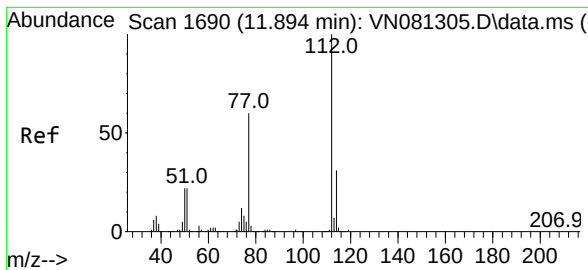
164 100

166 124.1 105.8 158.6

129 106.1 89.6 134.4

131 98.2 84.9 127.3





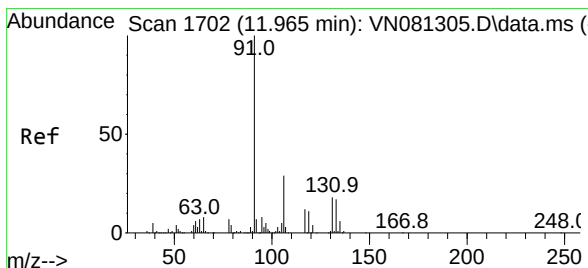
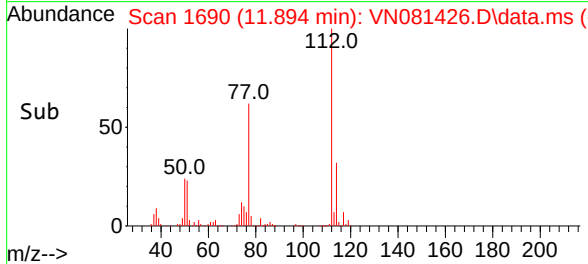
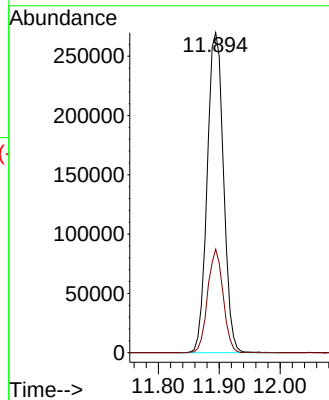
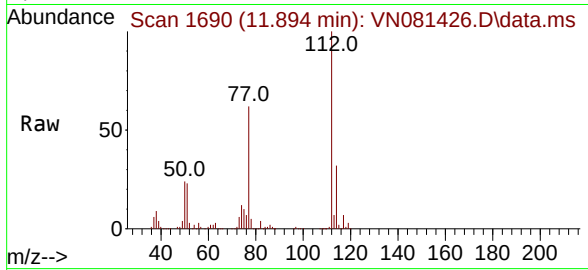
#65
Chlorobenzene
Concen: 49.180 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 501038
Ion Ratio Lower Upper
112 100
114 32.4 23.7 35.5

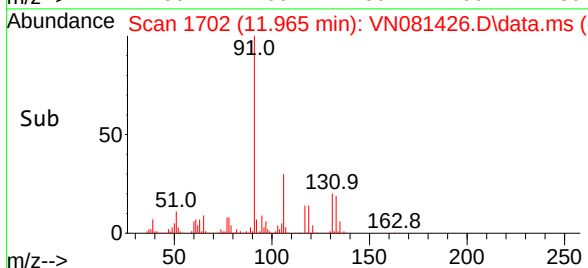
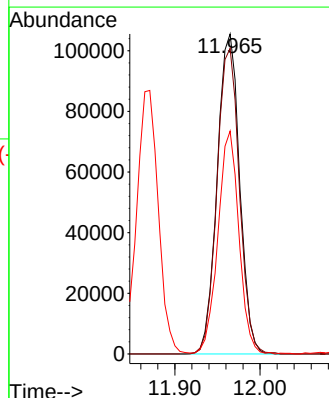
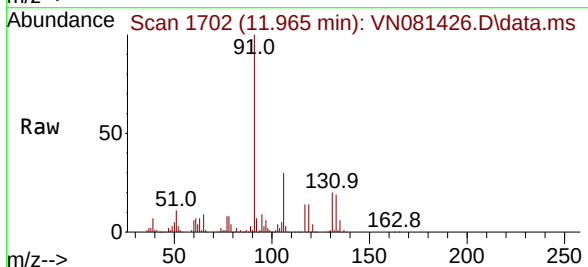
Manual Integrations
APPROVED

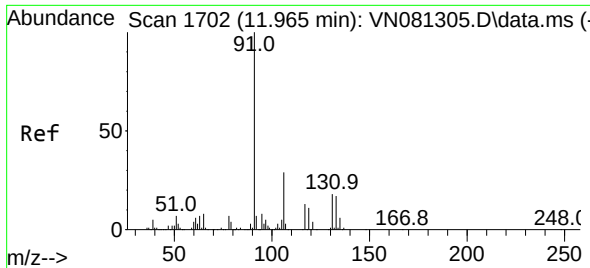
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 51.739 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

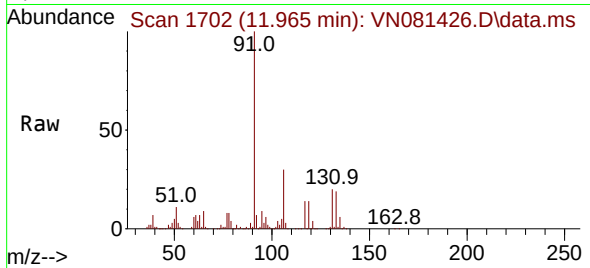
Tgt Ion:131 Resp: 192884
Ion Ratio Lower Upper
131 100
133 95.6 46.8 140.3
119 65.3 34.6 103.9





#67
Ethyl Benzene
Concen: 48.027 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

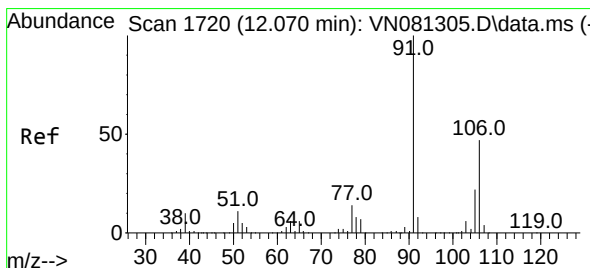
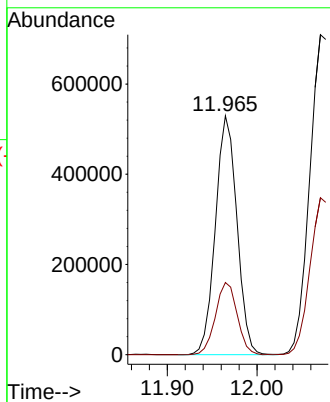
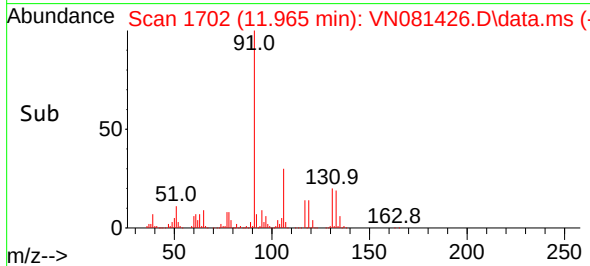
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



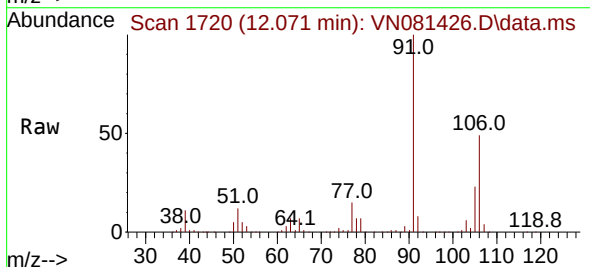
Tgt Ion: 91 Resp: 881380
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6

Manual Integrations
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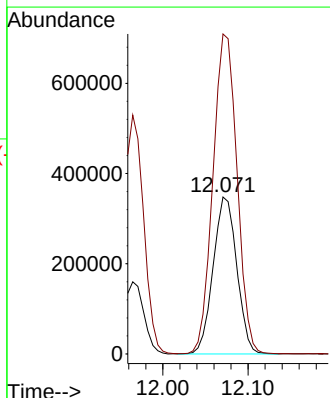
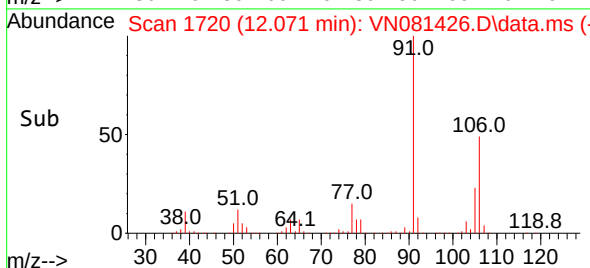
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

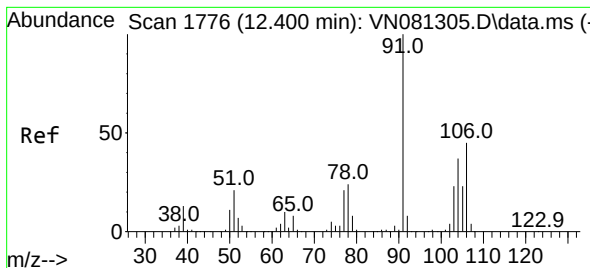


#68
m/p-Xylenes
Concen: 97.106 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57



Tgt Ion:106 Resp: 670675
Ion Ratio Lower Upper
106 100
91 208.0 169.0 253.6





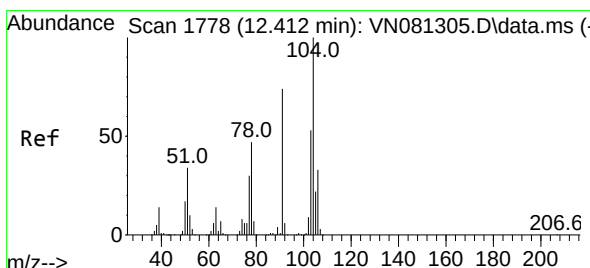
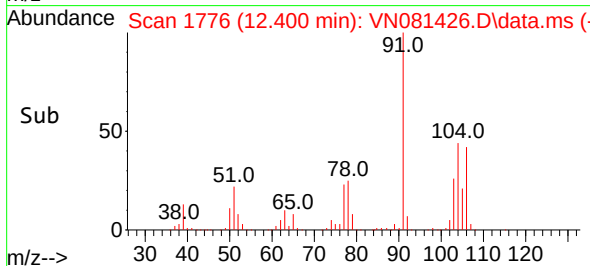
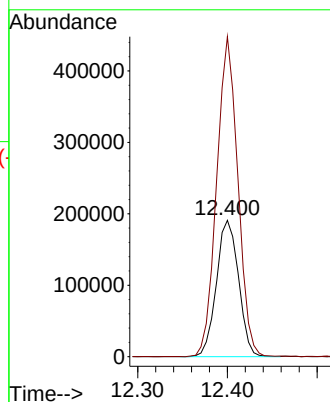
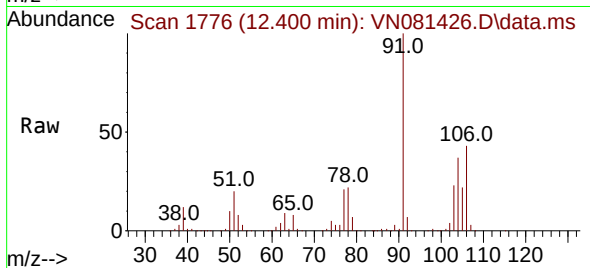
#69
o-Xylene
Concen: 48.852 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 326997
Ion Ratio Lower Upper
106 100
91 225.0 112.1 336.3

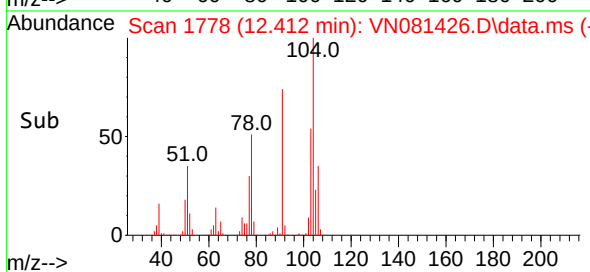
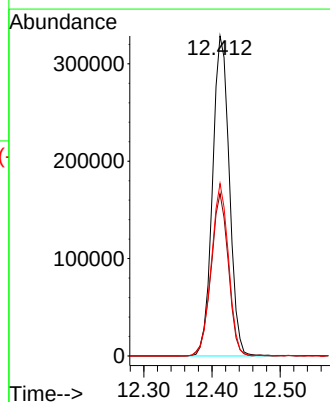
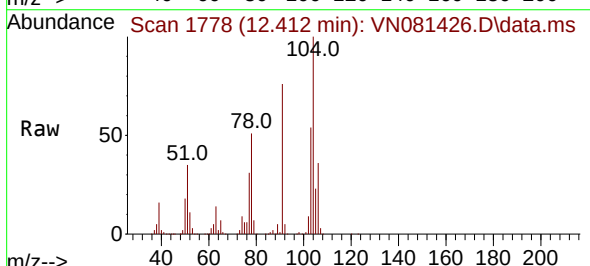
Manual Integrations
APPROVED

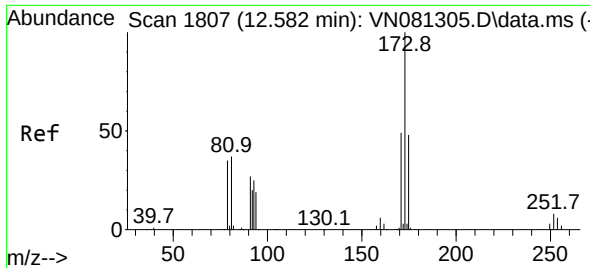
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#70
Styrene
Concen: 53.228 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

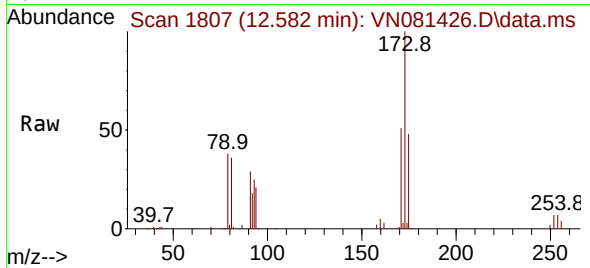
Tgt Ion:104 Resp: 564616
Ion Ratio Lower Upper
104 100
78 52.2 43.8 65.8
103 54.8 44.2 66.2





#71
Bromoform
Concen: 56.083 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

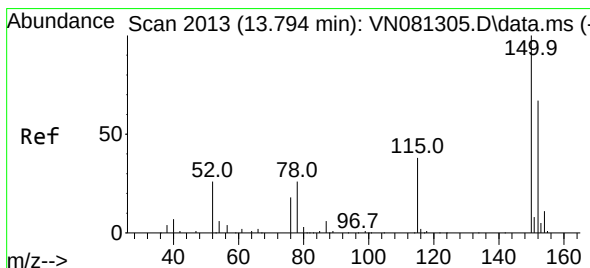
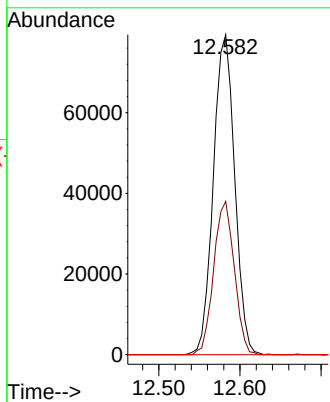
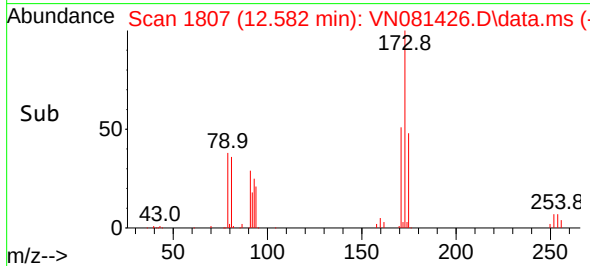
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 14515
Ion Ratio Lower Upper
173 100
175 46.3 23.1 69.2
254 0.0 0.0 0.0

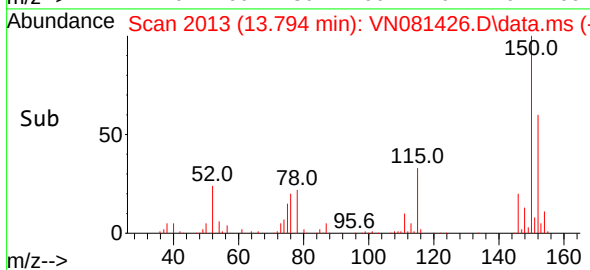
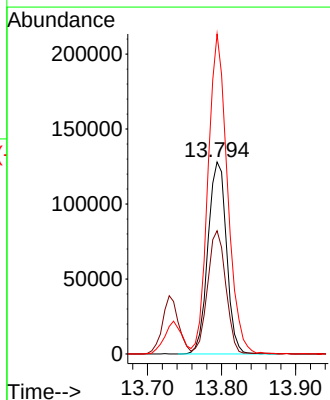
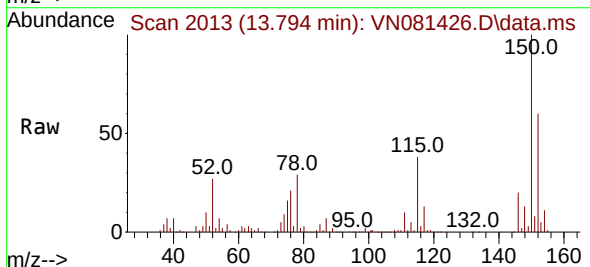
Manual Integrations
APPROVED

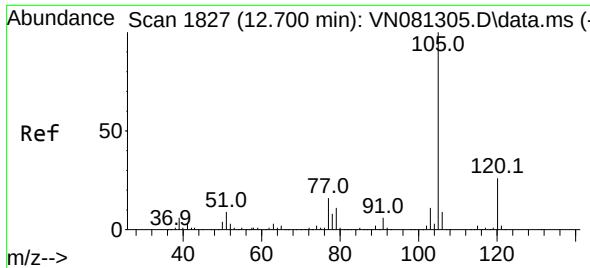
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

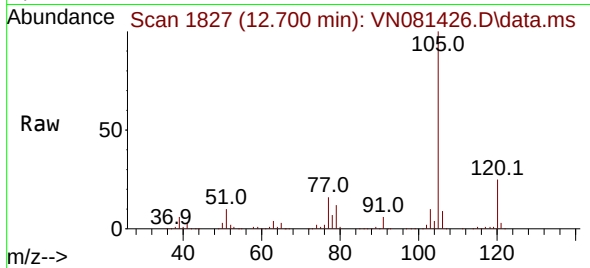
Tgt Ion:152 Resp: 222865
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 174.0 0.0 339.8





#73
Isopropylbenzene
Concen: 46.246 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

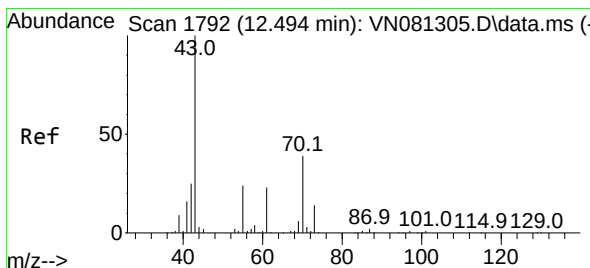
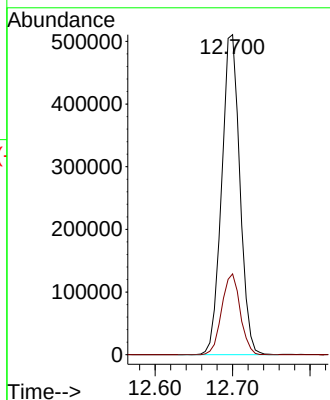
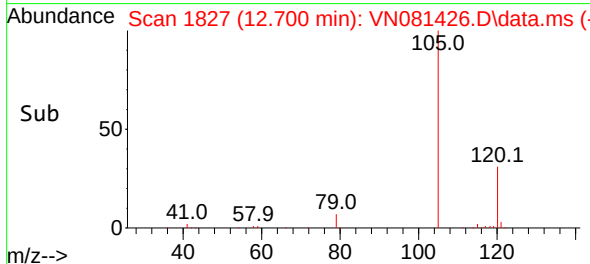
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



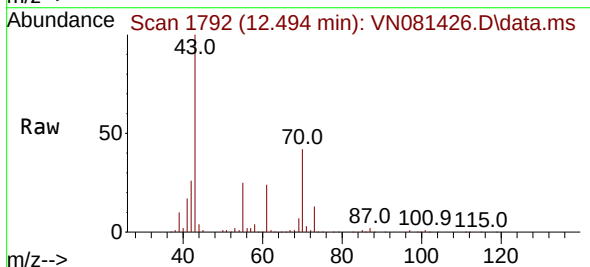
Tgt Ion:105 Resp: 832248
Ion Ratio Lower Upper
105 100
120 25.6 12.6 37.6

Manual Integrations
APPROVED

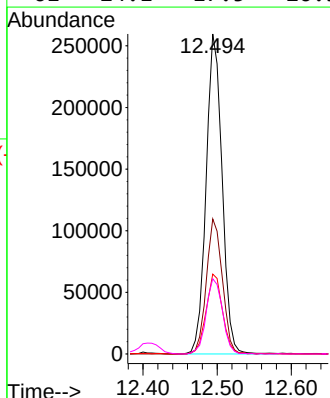
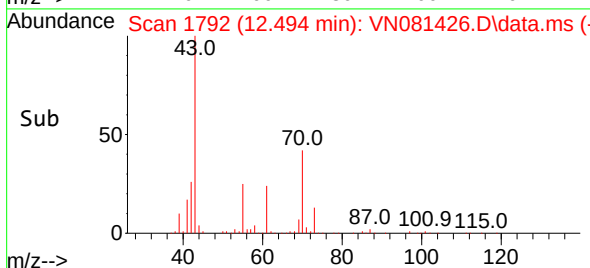
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

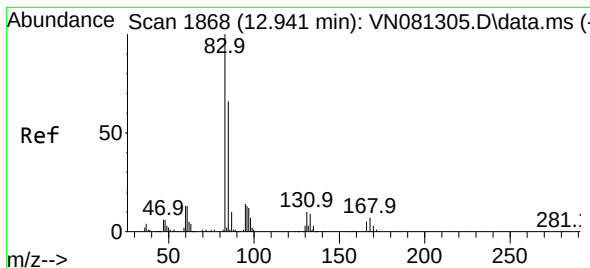


#74
N-ethyl acetate
Concen: 51.534 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57



Tgt Ion: 43 Resp: 389136
Ion Ratio Lower Upper
43 100
70 42.3 30.1 45.1
55 25.7 17.0 25.4#
61 24.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.673 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN081426.D

Acq: 15 Mar 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 27032

Ion Ratio Lower Upper

83 100

131 10.0 4.1 12.3

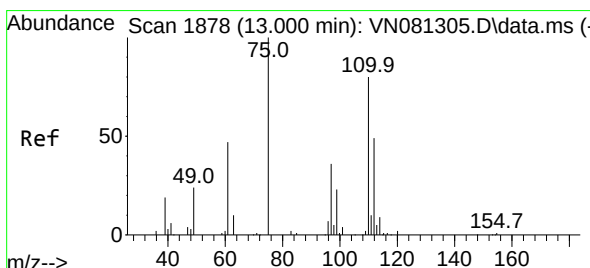
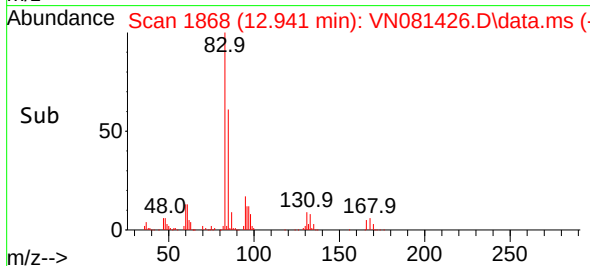
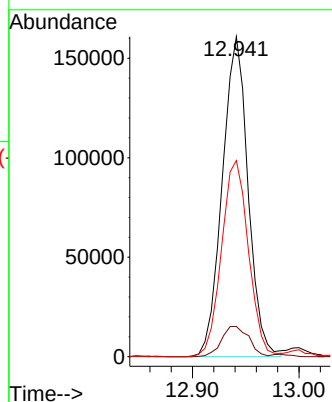
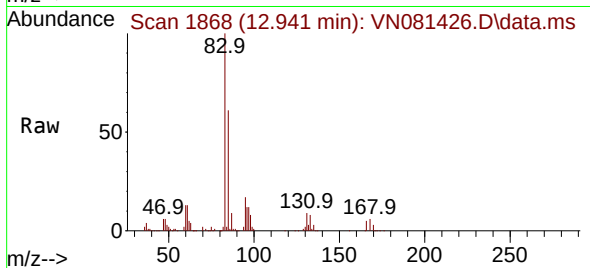
85 63.9 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#76

1,2,3-Trichloropropane

Concen: 50.784 ug/l m

RT: 12.994 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN081426.D

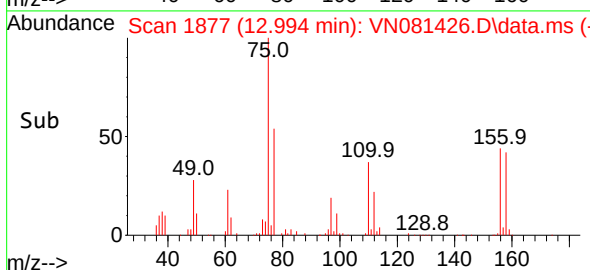
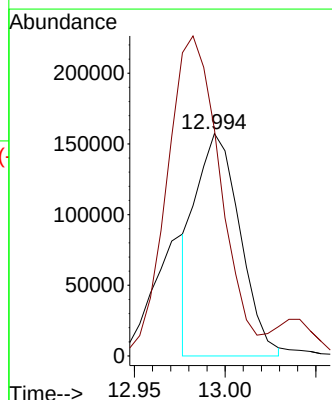
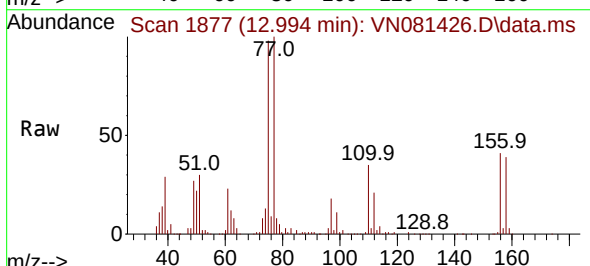
Acq: 15 Mar 2024 13:57

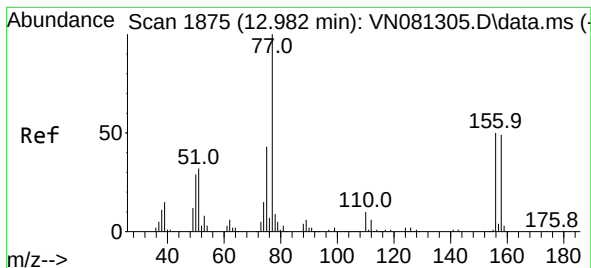
Tgt Ion: 75 Resp: 267326

Ion Ratio Lower Upper

75 100

77 172.6 91.0 272.8





#77

Bromobenzene

Concen: 45.873 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081426.D

Acq: 15 Mar 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

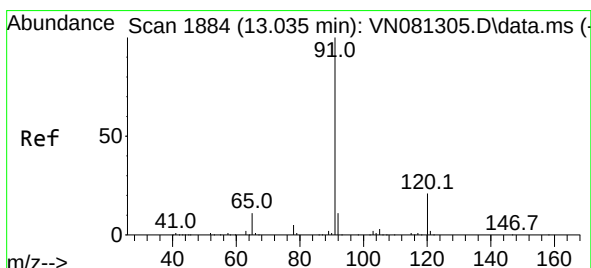
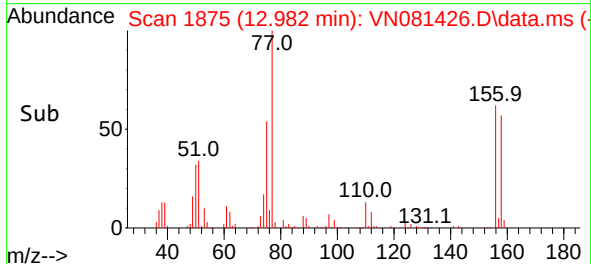
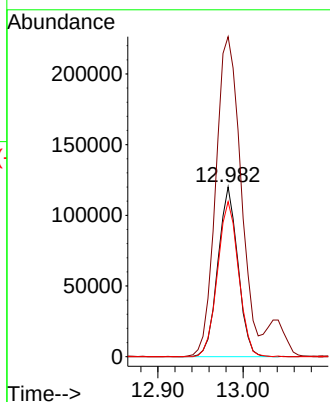
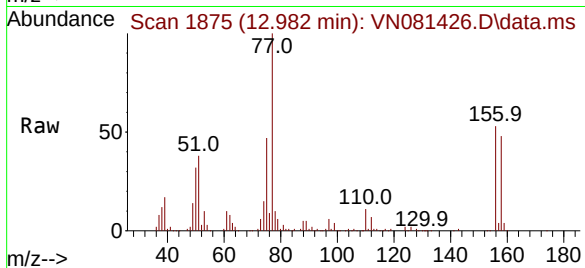
Tgt Ion:156 Resp: 195738
 Ion Ratio Lower Upper
 156 100
 77 235.8 138.1 414.3
 158 95.9 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#78

n-propylbenzene

Concen: 46.895 ug/l

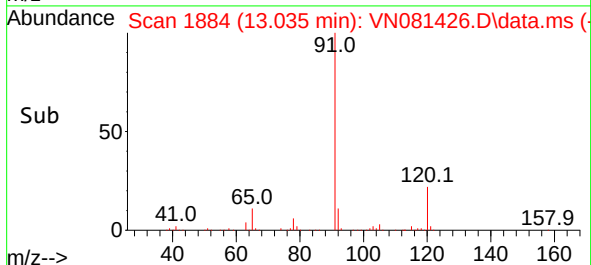
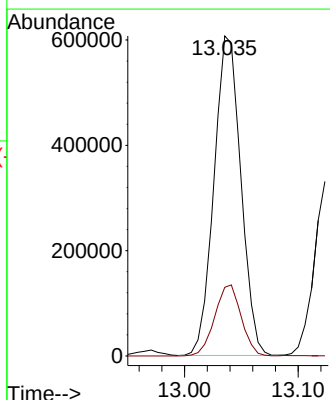
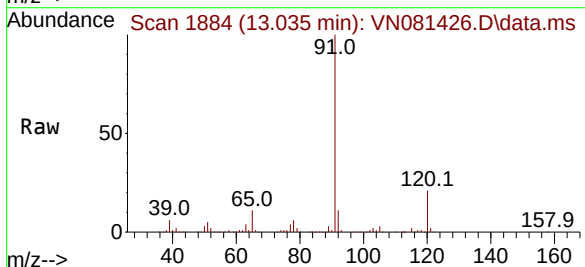
RT: 13.035 min Scan# 1884

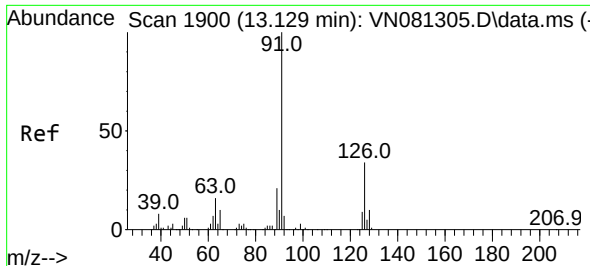
Delta R.T. 0.000 min

Lab File: VN081426.D

Acq: 15 Mar 2024 13:57

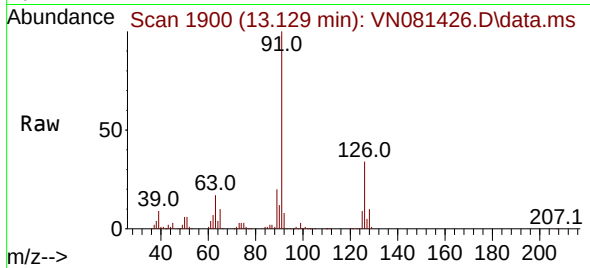
Tgt Ion: 91 Resp: 998193
 Ion Ratio Lower Upper
 91 100
 120 21.9 10.3 30.9





#79
2-Chlorotoluene
Concen: 46.996 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

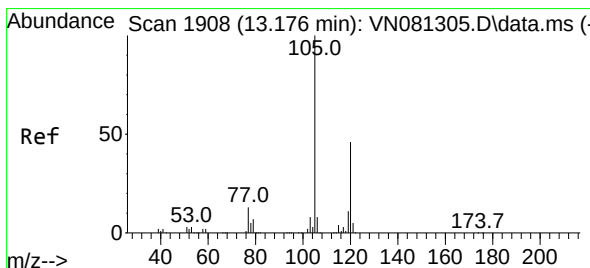
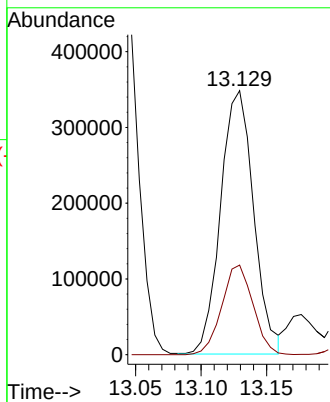
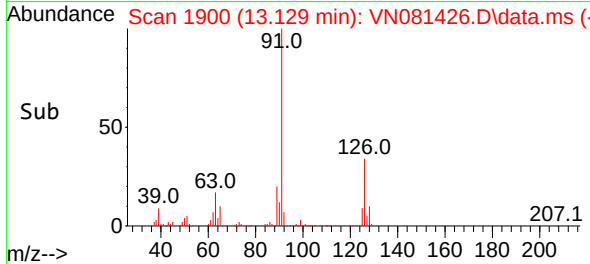
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



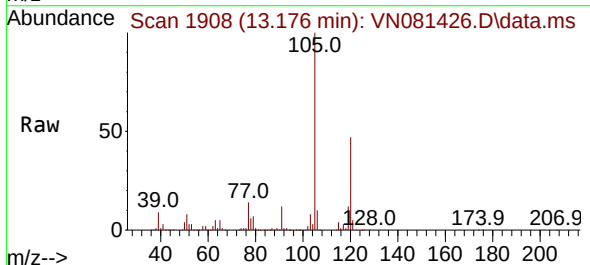
Tgt Ion: 91 Resp: 611454
Ion Ratio Lower Upper
91 100
126 32.1 14.8 44.4

Manual Integrations
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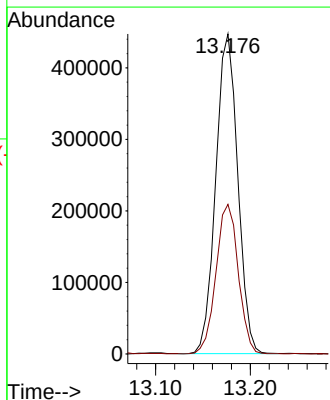
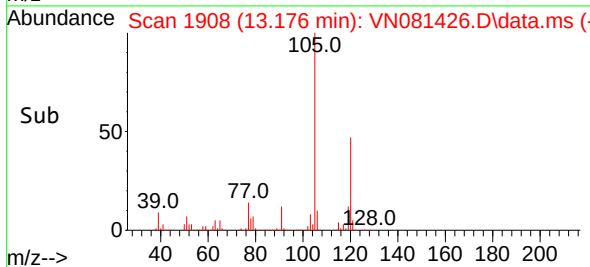
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

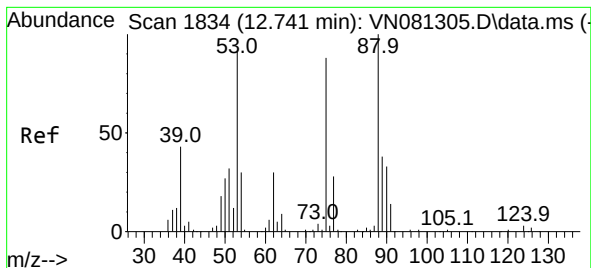


#80
1,3,5-Trimethylbenzene
Concen: 48.550 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57



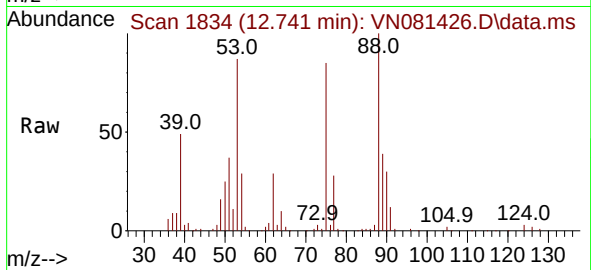
Tgt Ion:105 Resp: 722252
Ion Ratio Lower Upper
105 100
120 47.4 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 49.488 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

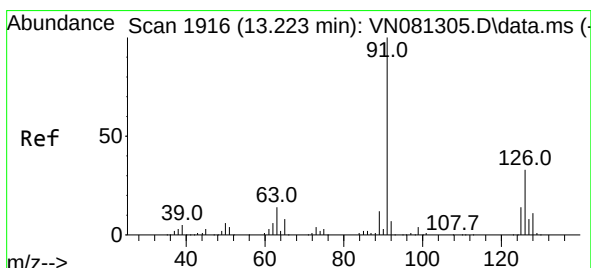
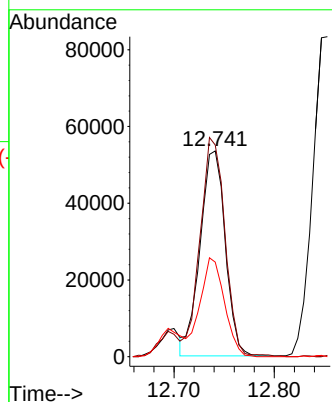
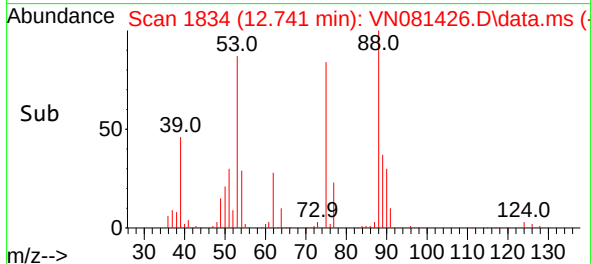
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



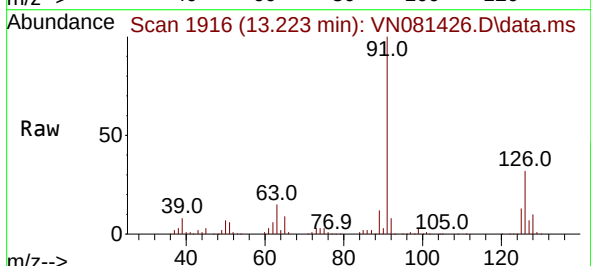
Tgt Ion: 75 Resp: 93344
Ion Ratio Lower Upper
75 100
53 106.3 71.4 107.2
89 46.7 33.4 50.0

Manual Integrations
APPROVED

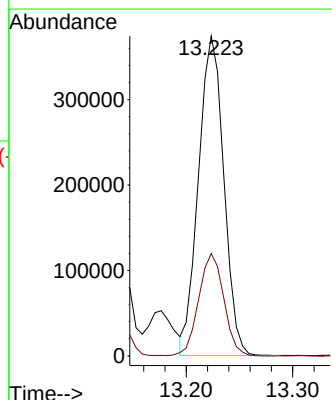
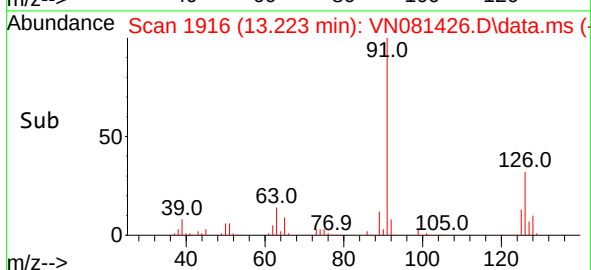
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

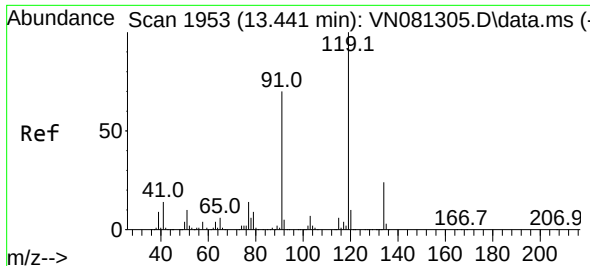


#82
4-Chlorotoluene
Concen: 48.084 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57



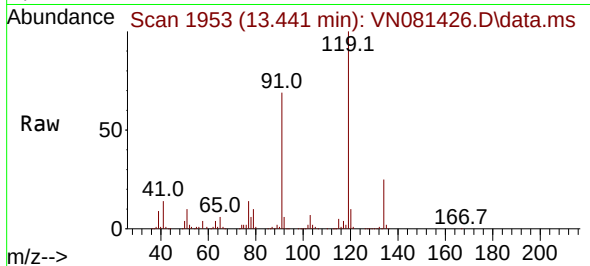
Tgt Ion: 91 Resp: 617931
Ion Ratio Lower Upper
91 100
126 31.8 15.3 45.9





#83
tert-Butylbenzene
Concen: 45.564 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

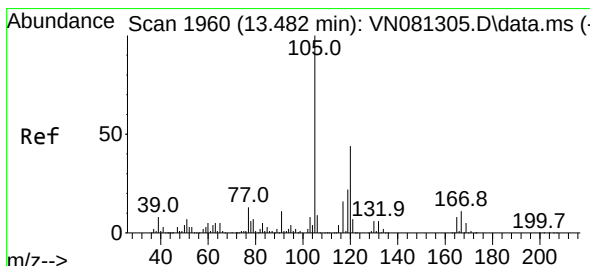
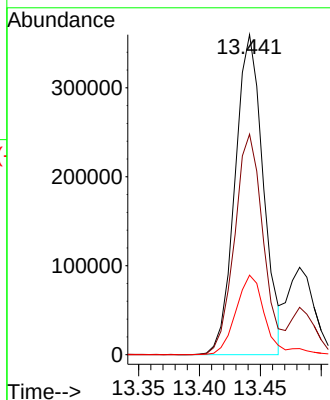
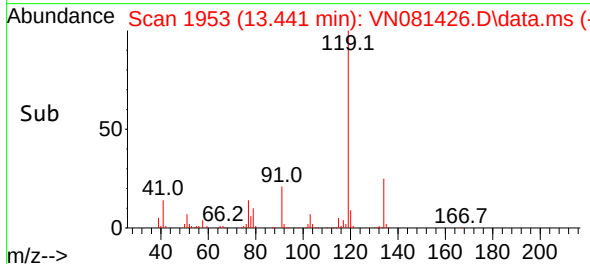
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



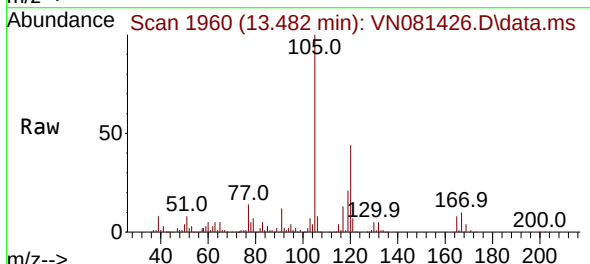
Tgt Ion:119 Resp: 581110
Ion Ratio Lower Upper
119 100
91 70.6 36.8 110.4
134 26.0 12.4 37.4

Manual Integrations
APPROVED

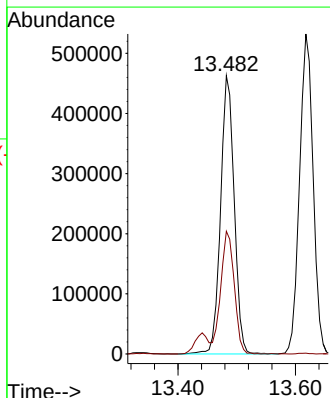
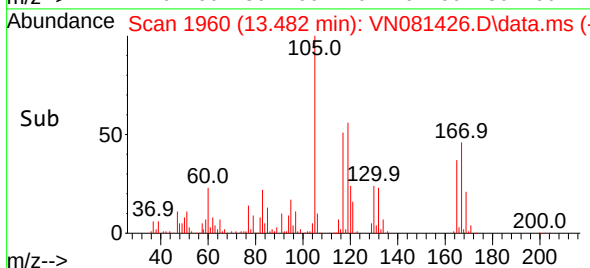
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

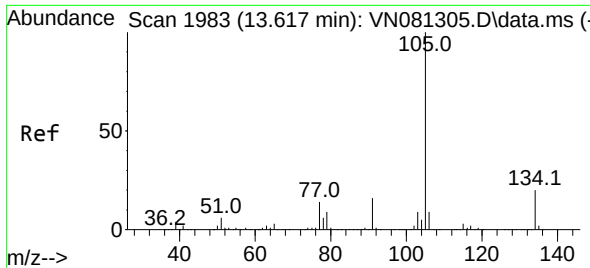


#84
1,2,4-Trimethylbenzene
Concen: 49.472 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57



Tgt Ion:105 Resp: 745641
Ion Ratio Lower Upper
105 100
120 44.2 20.9 62.7





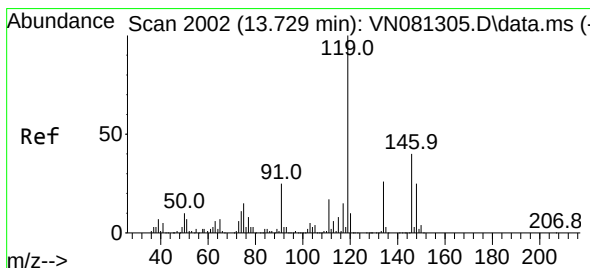
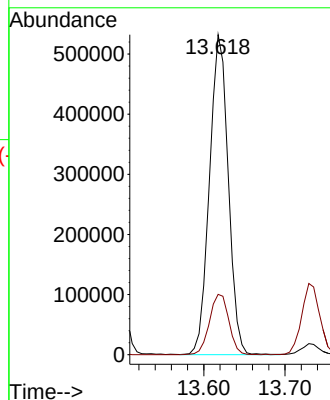
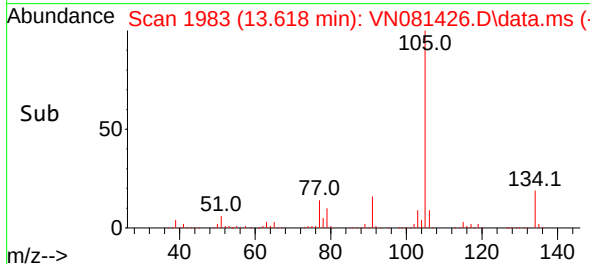
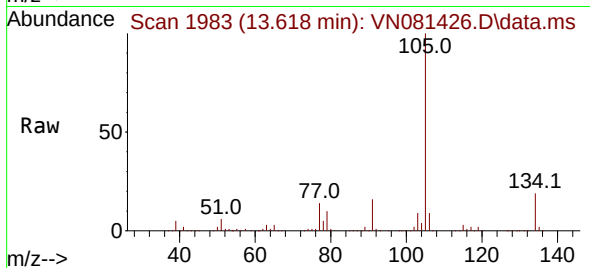
#85
 sec-Butylbenzene
 Concen: 46.248 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081426.D
 Acq: 15 Mar 2024 13:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 85331
 Ion Ratio Lower Upper
 105 100
 134 19.5 8.6 25.8

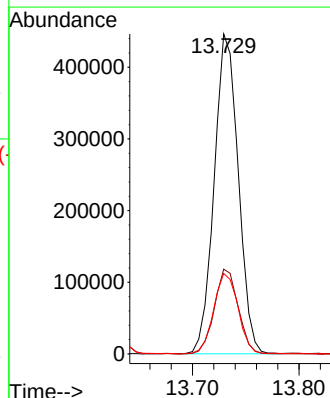
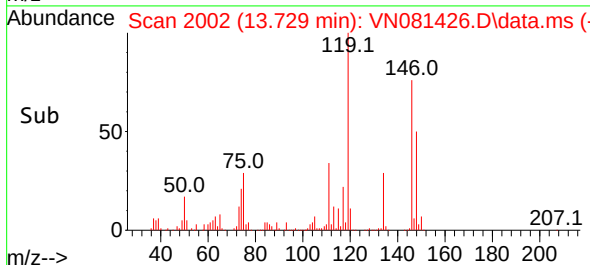
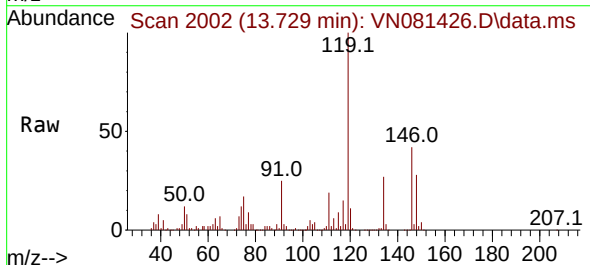
Manual Integrations
 APPROVED

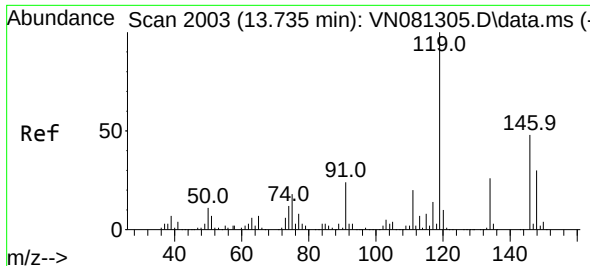
Reviewed By :John Carlone 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024



#86
 p-Isopropyltoluene
 Concen: 47.376 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081426.D
 Acq: 15 Mar 2024 13:57

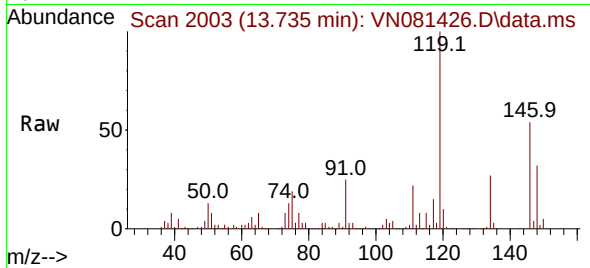
Tgt Ion:119 Resp: 701003
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.4 37.2
 91 25.6 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 45.783 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

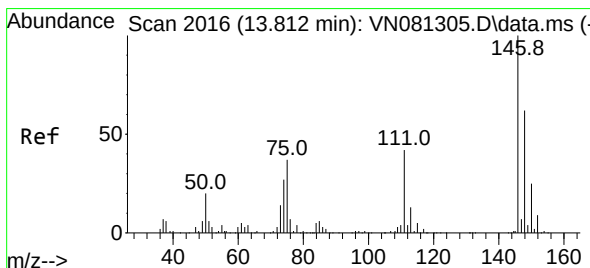
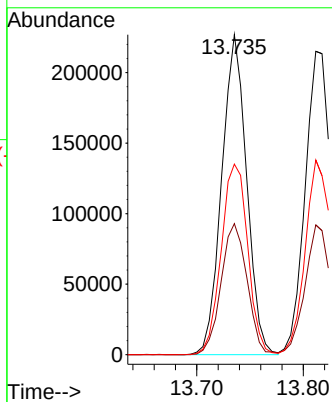
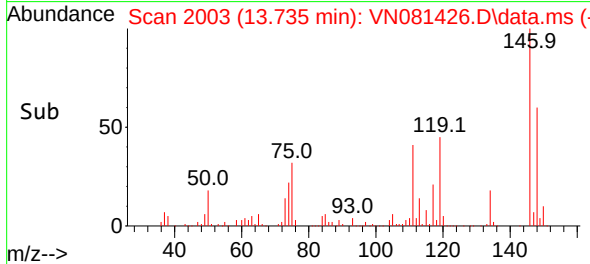
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 36886
Ion Ratio Lower Upper
146 100
111 42.8 23.9 71.7
148 63.5 32.6 97.7

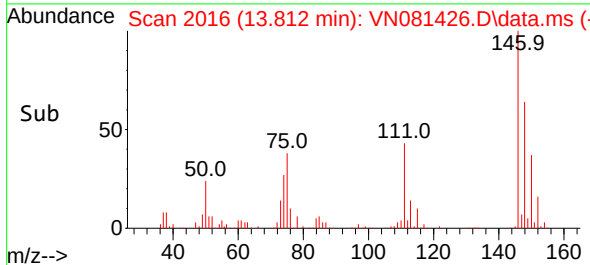
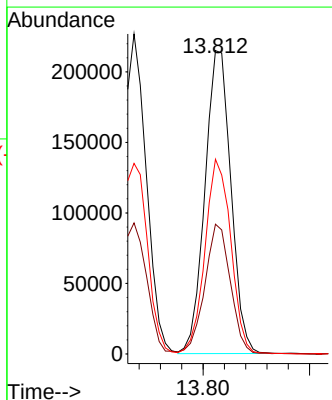
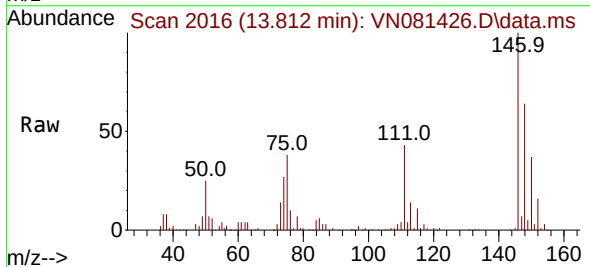
Manual Integrations
APPROVED

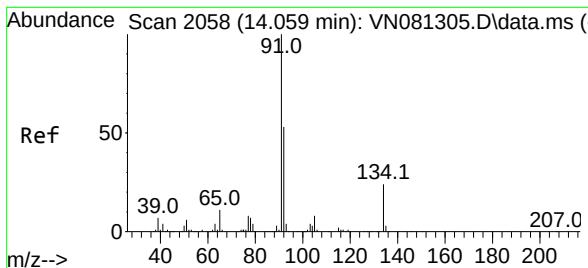
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#88
1,4-Dichlorobenzene
Concen: 45.352 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

Tgt Ion:146 Resp: 365215
Ion Ratio Lower Upper
146 100
111 42.1 22.6 67.7
148 64.0 31.9 95.5





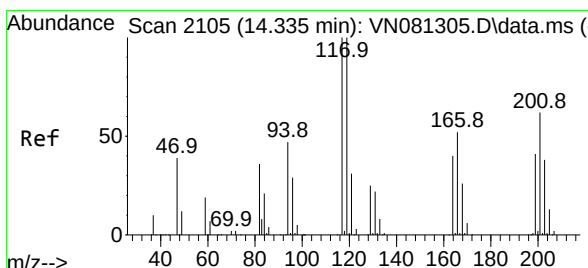
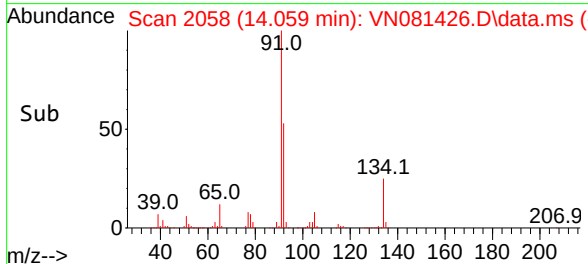
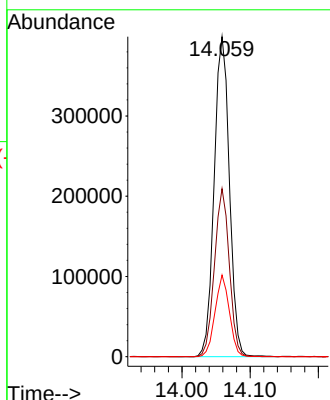
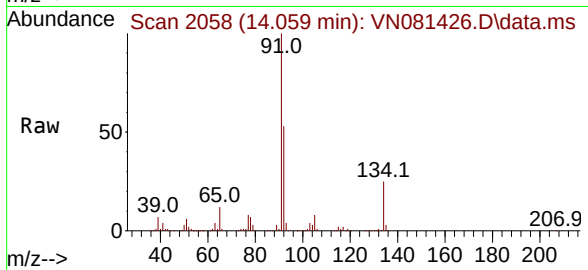
#89
n-Butylbenzene
Concen: 45.728 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 62049
Ion Ratio Lower Upper
91 100
92 51.2 26.7 80.1
134 24.0 10.8 32.4

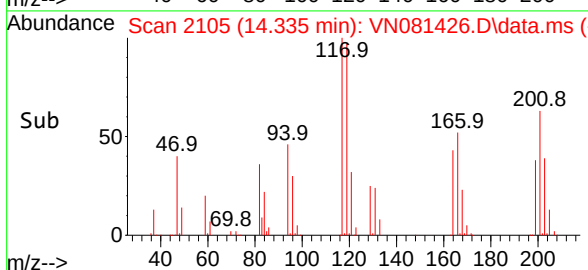
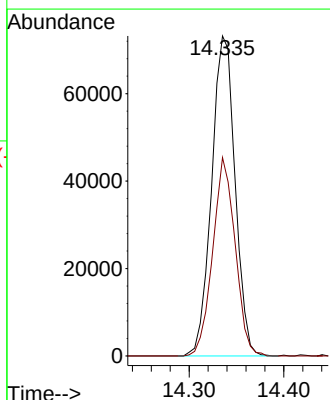
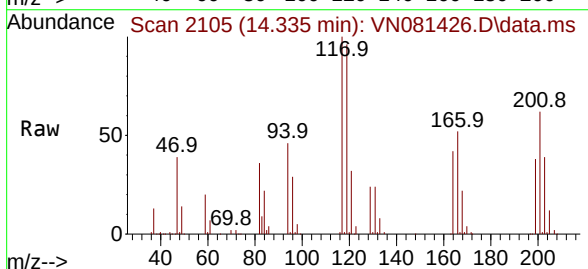
Manual Integrations
APPROVED

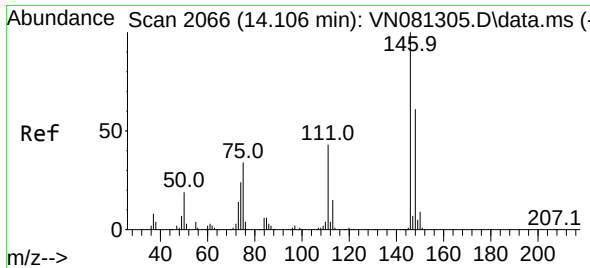
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#90
Hexachloroethane
Concen: 48.592 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

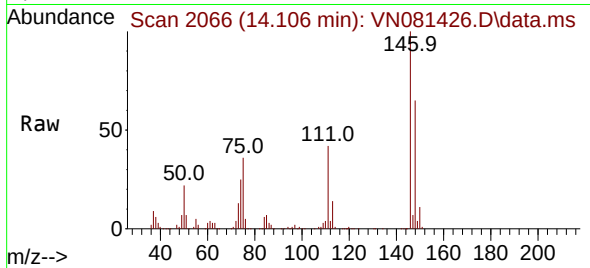
Tgt Ion:117 Resp: 125879
Ion Ratio Lower Upper
117 100
201 59.4 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 47.059 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

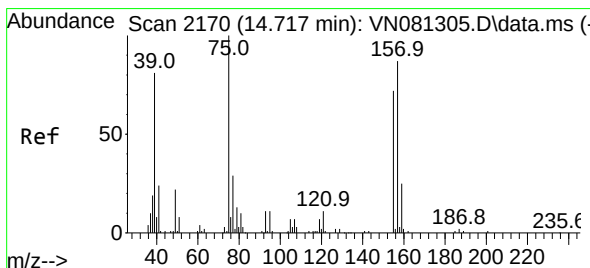
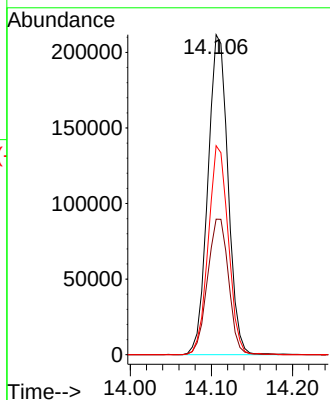
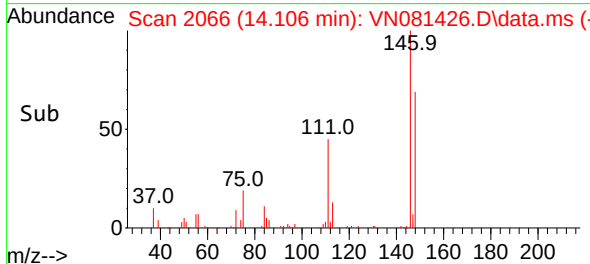
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



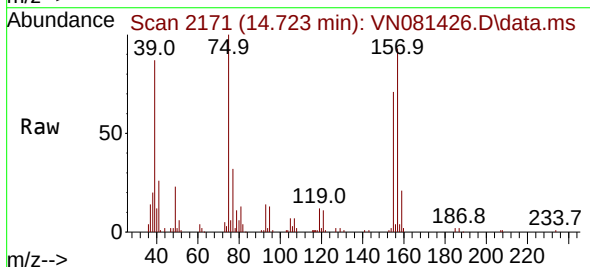
Tgt Ion:146 Resp: 363772
Ion Ratio Lower Upper
146 100
111 44.5 23.9 71.8
148 65.0 31.4 94.0

Manual Integrations
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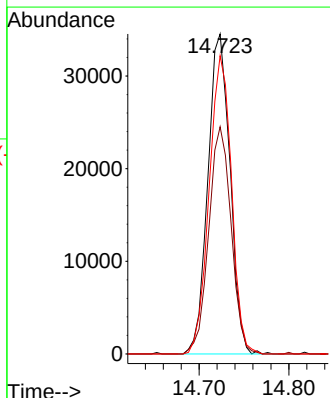
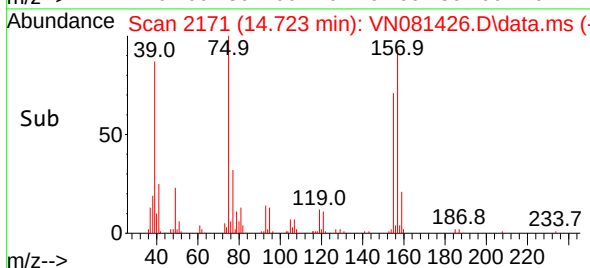
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

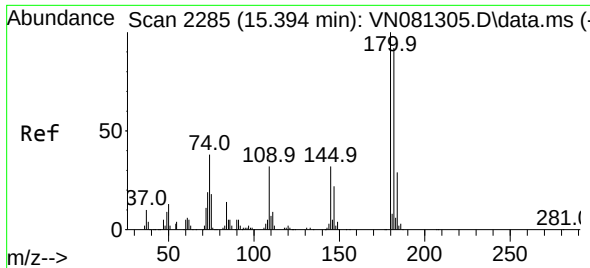


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.820 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57



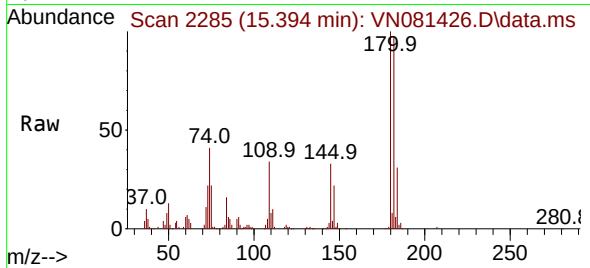
Tgt Ion: 75 Resp: 59210
Ion Ratio Lower Upper
75 100
155 71.8 31.8 95.4
157 93.8 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 46.107 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57

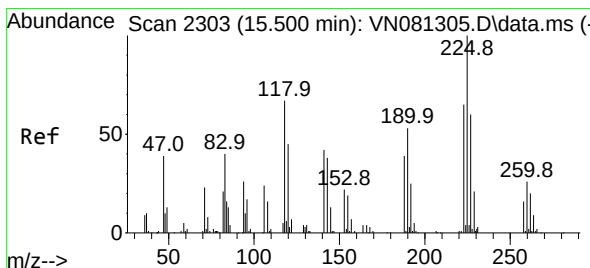
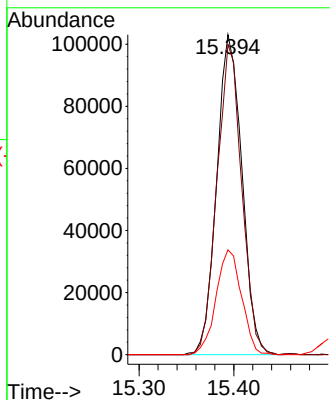
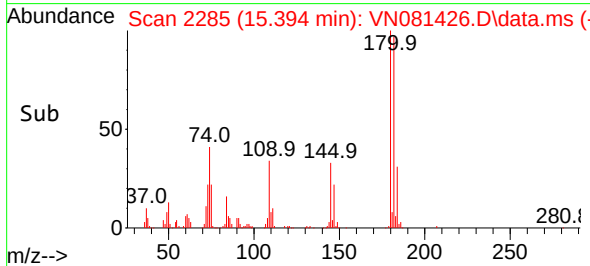
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



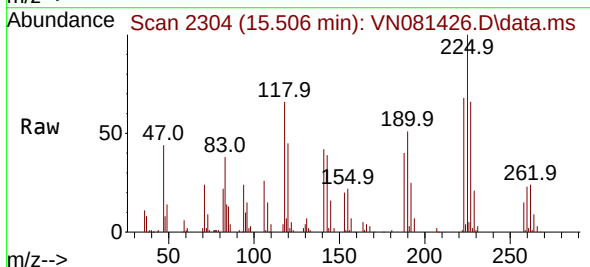
Tgt Ion:180 Resp: 19051
Ion Ratio Lower Upper
180 100
182 95.2 46.6 139.7
145 33.1 16.8 50.3

Manual Integrations
APPROVED

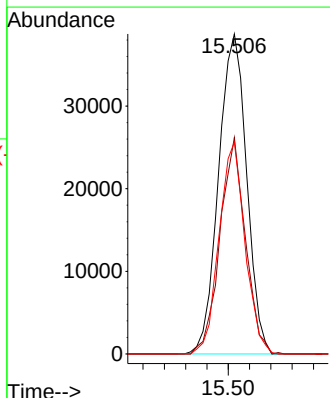
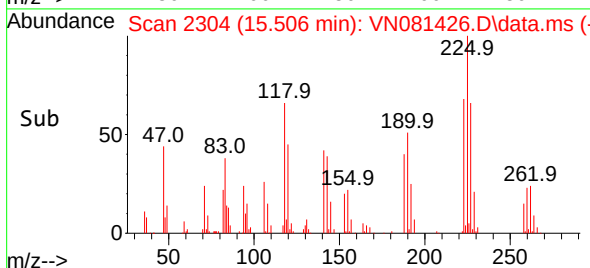
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

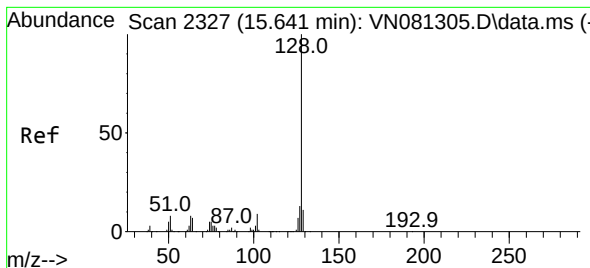


#94
Hexachlorobutadiene
Concen: 41.433 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN081426.D
Acq: 15 Mar 2024 13:57



Tgt Ion:225 Resp: 70740
Ion Ratio Lower Upper
225 100
223 61.4 33.3 99.8
227 61.2 33.1 99.2





#95

Naphthalene

Concen: 49.703 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081426.D

Acq: 15 Mar 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 730768

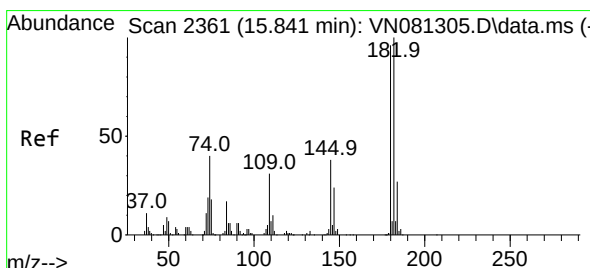
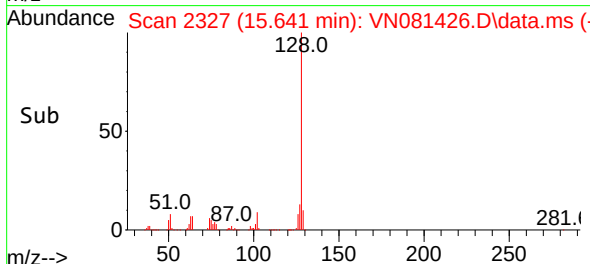
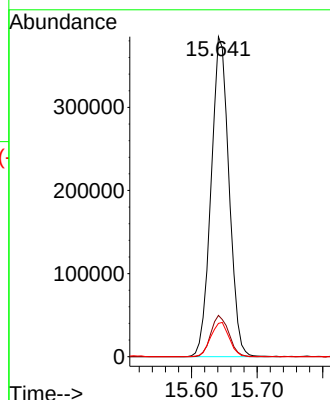
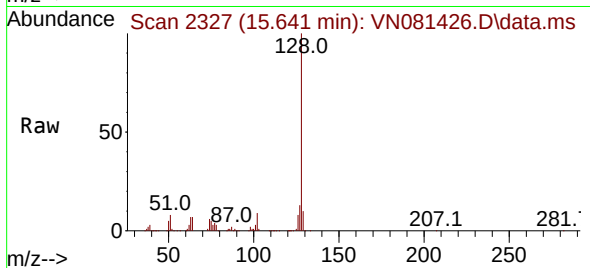
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.0	15.0
129	11.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#96

1,2,3-Trichlorobenzene

Concen: 47.404 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081426.D

Acq: 15 Mar 2024 13:57

Tgt Ion:180 Resp: 198636

Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.5	139.3
145	34.8	17.8	53.4

