

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030524\
 Data File : VN081309.D
 Acq On : 05 Mar 2024 13:59
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/06/2024
 Supervised By : Mahesh Dadoda 03/06/2024

Quant Time: Mar 06 02:57:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 01:47:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	304713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	582371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	498404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	64 - 133	Recovery	=	0.000%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	3476	0.861	ug/l	98
3) Chloromethane	2.365	50	5392	1.236	ug/l	89
4) Vinyl Chloride	2.512	62	5310	1.167	ug/l	100
6) Chloroethane	3.118	64	3712	1.187	ug/l	98
7) Trichlorofluoromethane	3.494	101	7006	1.040	ug/l	87
8) Diethyl Ether	3.977	74	2364	0.996	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.383	101	4265	1.112	ug/l	95
12) 1,1-Dichloroethene	4.347	96	3819	1.075	ug/l #	68
14) Allyl chloride	5.036	41	5938m	1.127	ug/l	
15) Acrylonitrile	5.736	53	10873	5.402	ug/l	94
16) Acetone	4.430	43	9312	5.965	ug/l #	86
17) Carbon Disulfide	4.718	76	11686	1.153	ug/l #	87
18) Methyl Acetate	5.047	43	4640m	1.038	ug/l	
19) Methyl tert-butyl Ether	5.800	73	13165	1.093	ug/l	98
20) Methylene Chloride	5.277	84	6181	0.804	ug/l #	76
21) trans-1,2-Dichloroethene	5.794	96	4810	1.201	ug/l	94
22) Diisopropyl ether	6.677	45	10538	0.900	ug/l #	87
23) Vinyl Acetate	6.612	43	44087	4.636	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	7775m	1.085	ug/l	
25) 2-Butanone	7.488	43	14451	5.528	ug/l	100
26) 2,2-Dichloropropane	7.488	77	7327	1.157	ug/l	88
27) cis-1,2-Dichloroethene	7.477	96	5144	1.133	ug/l	79
28) Bromochloromethane	7.824	49	3488	1.138	ug/l #	81
29) Tetrahydrofuran	7.853	42	9759	5.475	ug/l #	91
30) Chloroform	7.965	83	7819	1.052	ug/l #	78
32) 1,1,1-Trichloroethane	8.165	97	6657	1.013	ug/l #	49
36) 1,1-Dichloropropene	8.365	75	5930	1.030	ug/l	93
37) Ethyl Acetate	7.559	43	6212	1.104	ug/l #	95
38) Carbon Tetrachloride	8.359	117	5433	0.938	ug/l #	80
39) Methylcyclohexane	9.606	83	6441	0.972	ug/l #	66
40) Benzene	8.612	78	17495	1.018	ug/l	92
41) Methacrylonitrile	7.771	41	3491	1.099	ug/l	91
42) 1,2-Dichloroethane	8.671	62	6111	1.009	ug/l	100
43) Isopropyl Acetate	8.694	43	10887	1.105	ug/l	95
44) Trichloroethene	9.353	130	4729	1.091	ug/l	81
45) 1,2-Dichloropropane	9.624	63	4181	0.969	ug/l #	85

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Quant Time: Mar 06 02:57:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 01:47:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/06/2024
 Supervised By : Mahesh Dadoda 03/06/2024

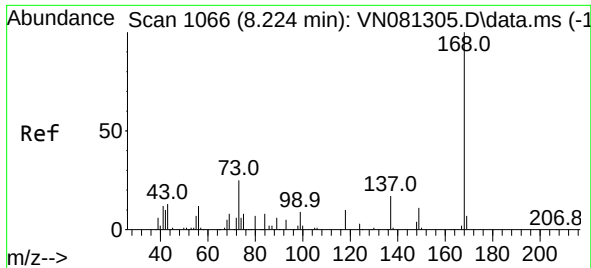
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.706	93	2978	0.979	ug/l	89
47) Bromodichloromethane	9.894	83	5742	0.972	ug/l #	81
48) Methyl methacrylate	9.688	41	4262	0.979	ug/l #	84
49) 1,4-Dioxane	9.706	88	1922	20.031	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	25691	4.492	ug/l	97
52) Toluene	10.635	92	9580	0.923	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	6136	0.960	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	6439	0.933	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	3776	0.917	ug/l #	81
56) Ethyl methacrylate	10.876	69	5055	0.855	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	7336	1.021	ug/l	90
58) 2-Chloroethyl Vinyl ether	10.165	63	13752	4.326	ug/l	90
59) 2-Hexanone	11.194	43	19407	4.539	ug/l	96
60) Dibromochloromethane	11.359	129	3998	0.943	ug/l	84
61) 1,2-Dibromoethane	11.470	107	3990	0.934	ug/l	98
64) Tetrachloroethene	11.106	164	4017	1.029	ug/l #	80
65) Chlorobenzene	11.900	112	10658	1.015	ug/l	89
66) 1,1,1,2-Tetrachloroethane	11.959	131	3800	0.989	ug/l #	61
67) Ethyl Benzene	11.965	91	18432	0.974	ug/l	95
68) m/p-Xylenes	12.076	106	13856	1.946	ug/l	83
69) o-Xylene	12.406	106	6681	0.968	ug/l	90
70) Styrene	12.412	104	9180	0.839	ug/l	95
71) Bromoform	12.582	173	2798	1.049	ug/l #	94
73) Isopropylbenzene	12.694	105	15455	0.960	ug/l	99
74) N-amyl acetate	12.500	43	6270	0.928	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	5694	1.146	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	5139m	1.064	ug/l	
77) Bromobenzene	12.976	156	4887	1.280	ug/l	56
78) n-propylbenzene	13.041	91	17315	0.909	ug/l	94
79) 2-Chlorotoluene	13.123	91	11934	1.025	ug/l	89
80) 1,3,5-Trimethylbenzene	13.176	105	11796	0.886	ug/l	90
82) 4-Chlorotoluene	13.229	91	11526	1.002	ug/l	89
83) tert-Butylbenzene	13.441	119	11425	1.001	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	11816	0.876	ug/l	94
85) sec-Butylbenzene	13.617	105	14884	0.902	ug/l	89
86) p-Isopropyltoluene	13.729	119	10823	0.818	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	8487	1.177	ug/l	95
88) 1,4-Dichlorobenzene	13.811	146	8253m	1.146	ug/l	
89) n-Butylbenzene	14.059	91	11521	0.949	ug/l	94
90) Hexachloroethane	14.335	117	2334	1.007	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	7522	1.088	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	1195	1.124	ug/l	74
93) 1,2,4-Trichlorobenzene	15.400	180	3975	1.075	ug/l	94
94) Hexachlorobutadiene	15.505	225	1873	1.226	ug/l	80
95) Naphthalene	15.641	128	12832	0.976	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.835	180	4135	1.103	ug/l	96

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

Manual Integrations APPROVED

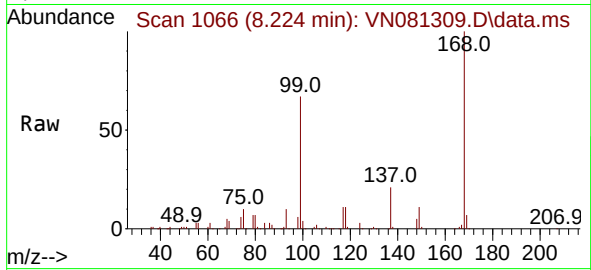
Quant Time: Mar 06 02:57:23 2024
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Quant Title : SW846 8260
QLast Update : Wed Mar 06 01:47:06 2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

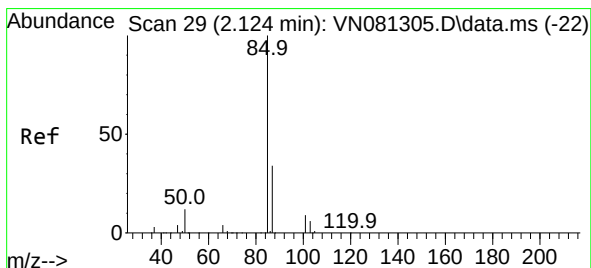
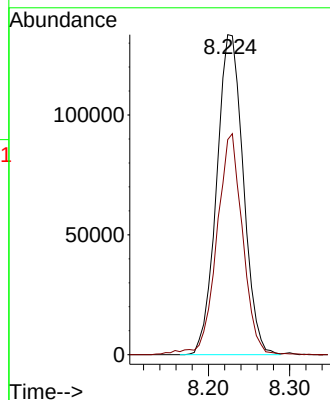
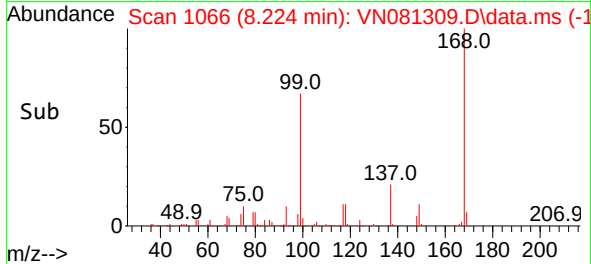
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion:168 Resp: 30471
Ion Ratio Lower Upper
168 100
99 67.0 59.9 89.9

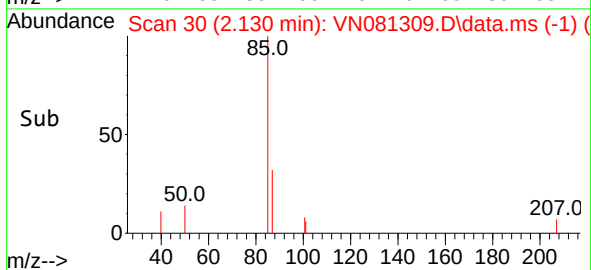
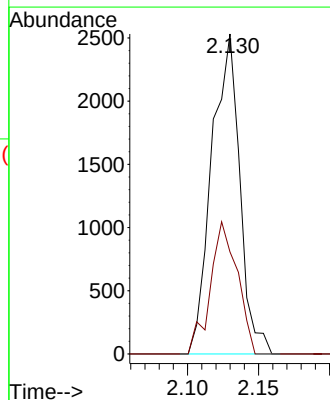
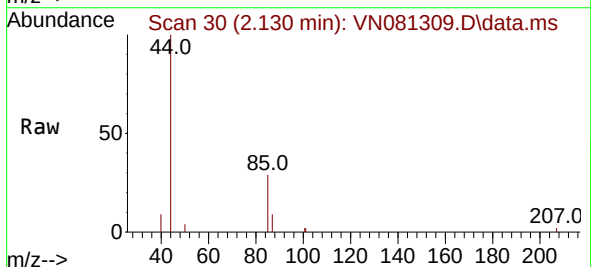
Manual Integrations
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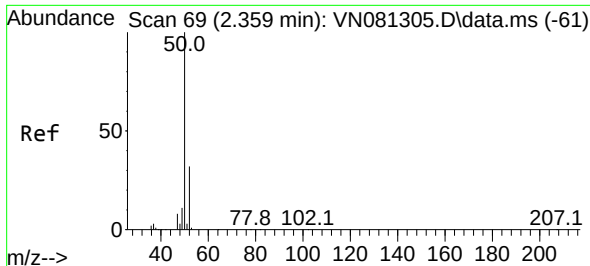
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#2
Dichlorodifluoromethane
Concen: 0.861 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 85 Resp: 3476
Ion Ratio Lower Upper
85 100
87 31.9 15.3 45.9





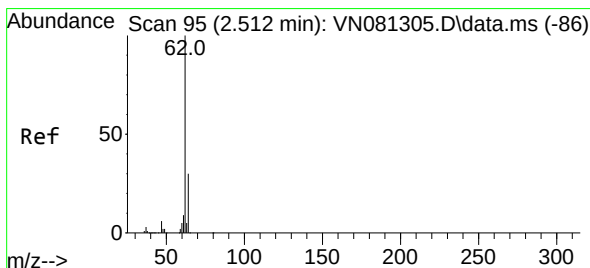
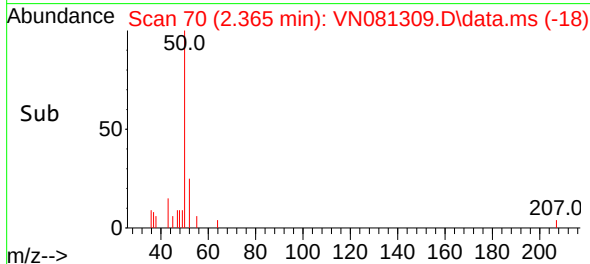
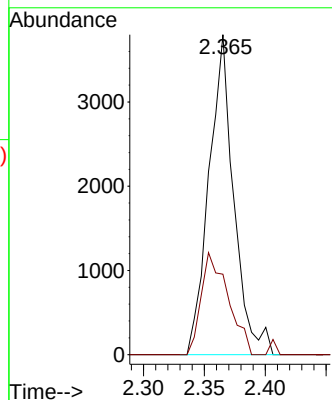
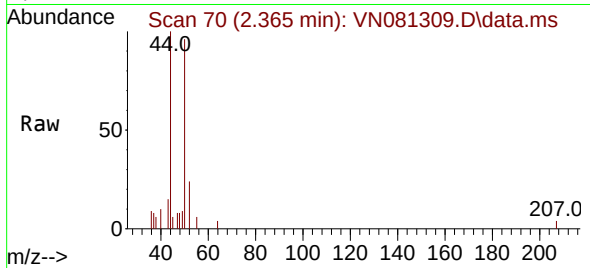
#3
Chloromethane
Concen: 1.236 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 5392
Ion Ratio Lower Upper
50 100
52 25.2 25.0 37.4

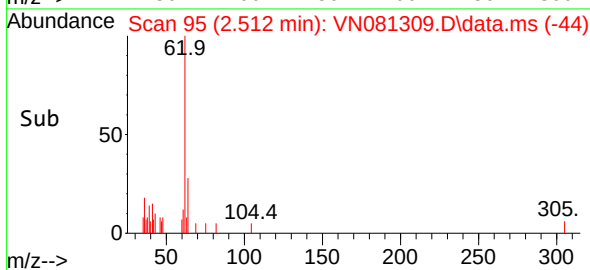
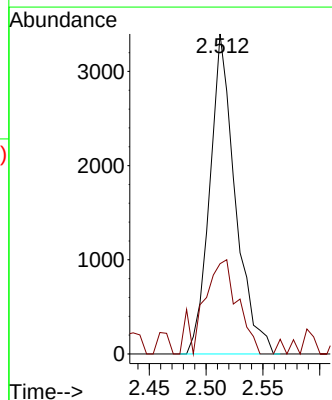
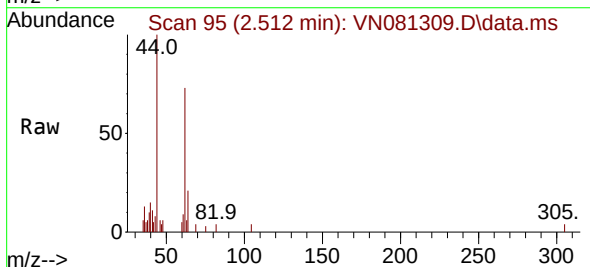
Manual Integrations
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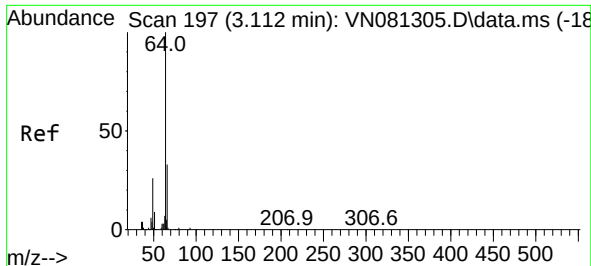
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#4
Vinyl Chloride
Concen: 1.167 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 62 Resp: 5310
Ion Ratio Lower Upper
62 100
64 28.2 22.7 34.1





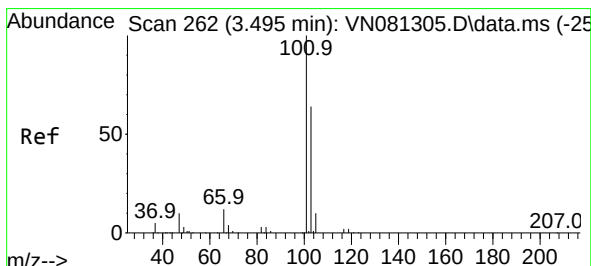
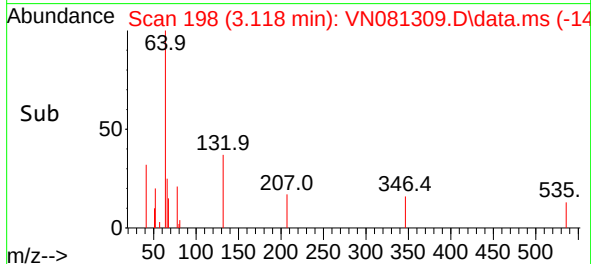
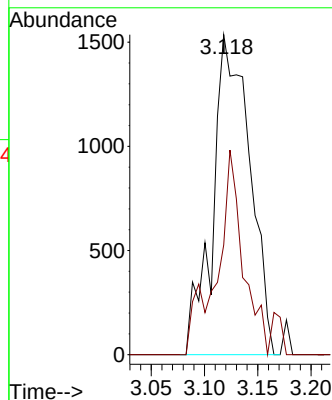
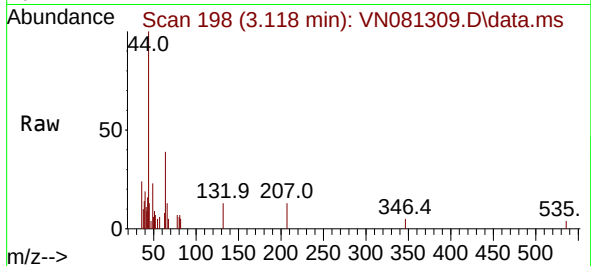
#6
Chloroethane
Concen: 1.187 ug/l
RT: 3.118 min Scan# 197
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 3712
Ion Ratio Lower Upper
64 100
66 34.3 26.4 39.6

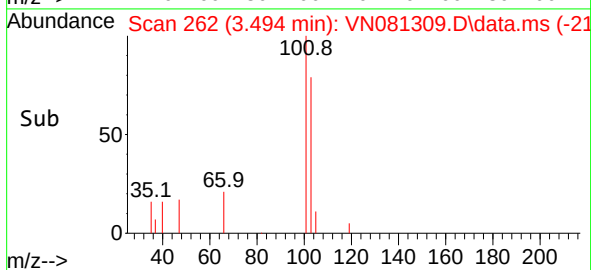
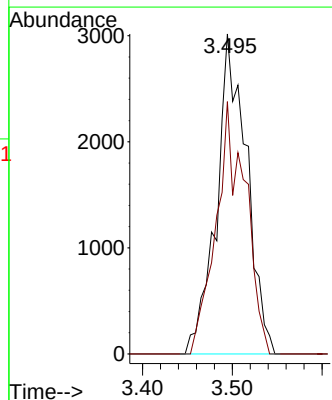
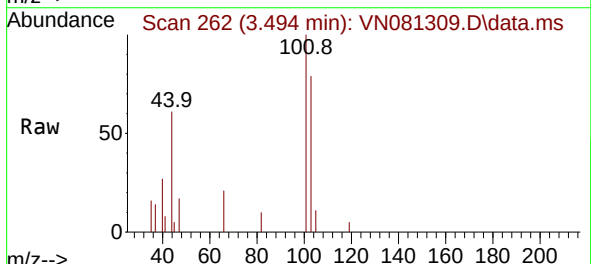
Manual Integrations
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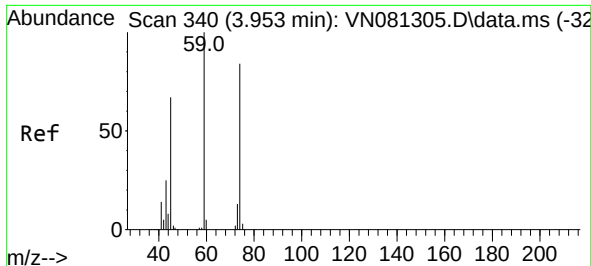
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#7
Trichlorofluoromethane
Concen: 1.040 ug/l
RT: 3.494 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

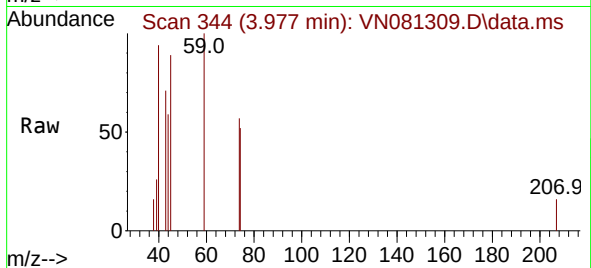
Tgt Ion:101 Resp: 7006
Ion Ratio Lower Upper
101 100
103 78.9 54.4 81.6





#8
Diethyl Ether
Concen: 0.996 ug/l
RT: 3.977 min Scan# 344
Delta R.T. 0.023 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

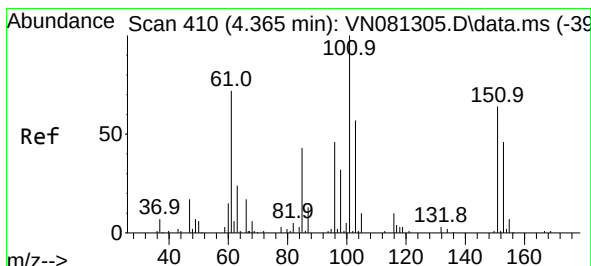
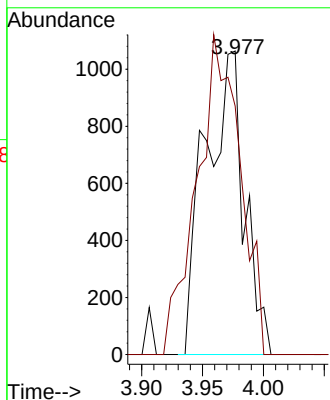
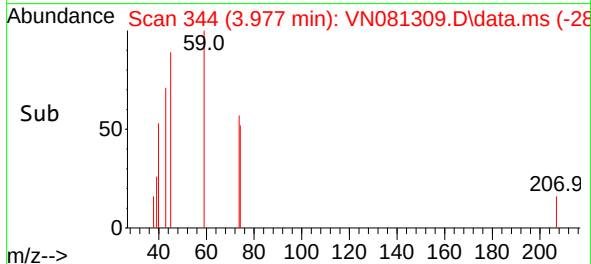
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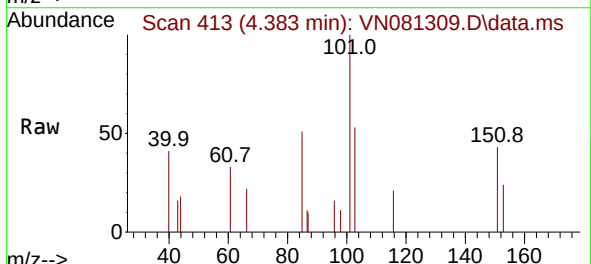
Tgt Ion: 74 Resp: 2364
Ion Ratio Lower Upper
74 100
45 117.3 53.3 159.9

Manual Integrations
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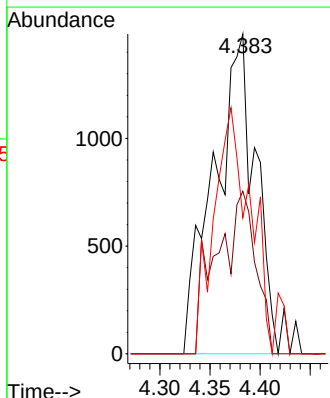
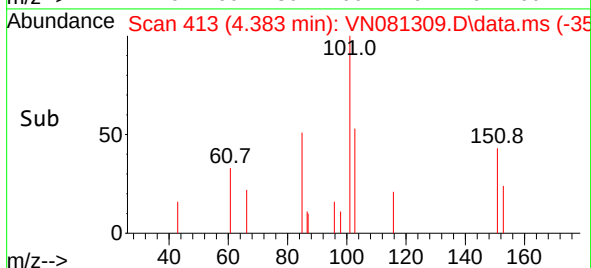
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

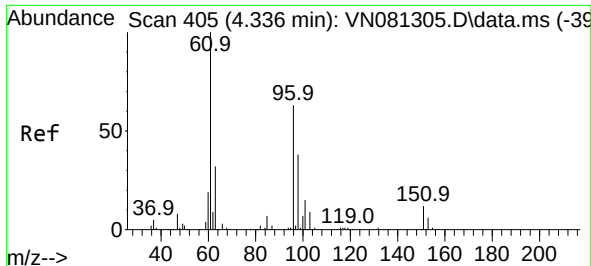


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.112 ug/l
RT: 4.383 min Scan# 413
Delta R.T. 0.018 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59



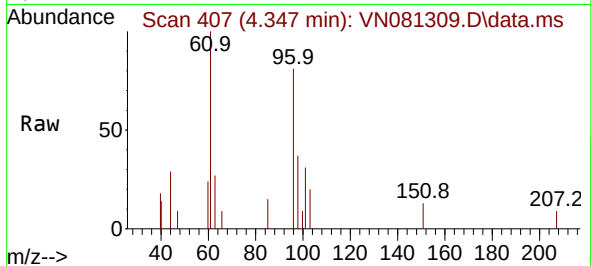
Tgt Ion:101 Resp: 4265
Ion Ratio Lower Upper
101 100
85 48.2 38.1 57.1
151 67.3 49.1 73.7





#12
1,1-Dichloroethene
Concen: 1.075 ug/l
RT: 4.347 min Scan# 405
Delta R.T. 0.012 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

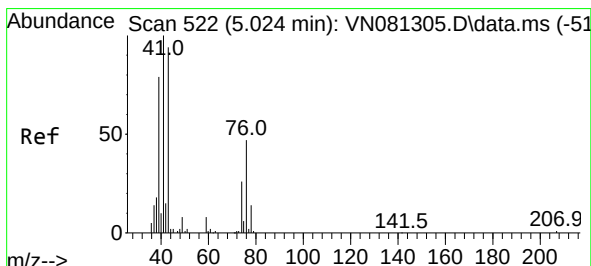
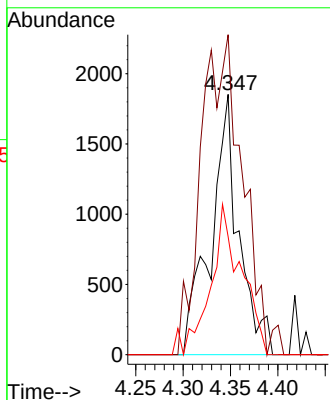
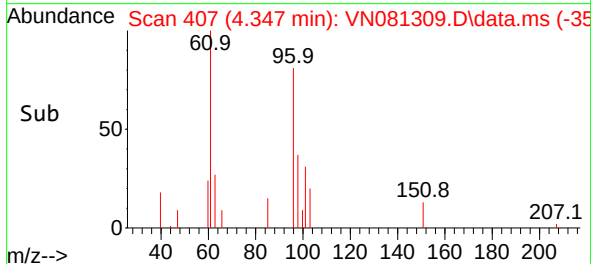
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 96 Resp: 3819
Ion Ratio Lower Upper
96 100
61 122.9 138.2 207.4
98 45.4 49.2 73.8

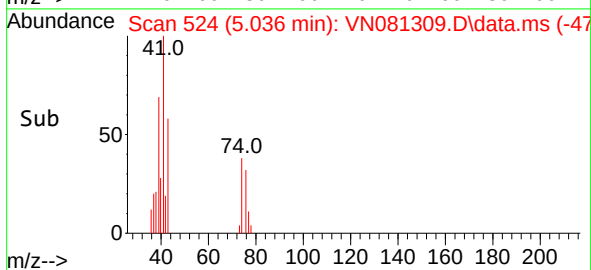
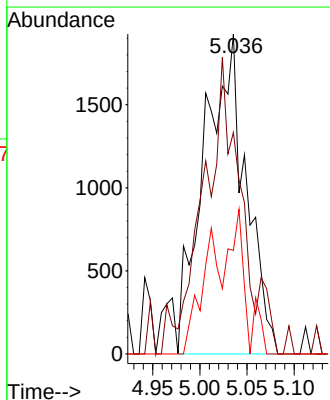
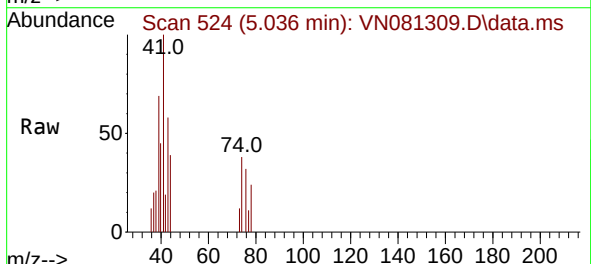
Manual Integrations
APPROVED

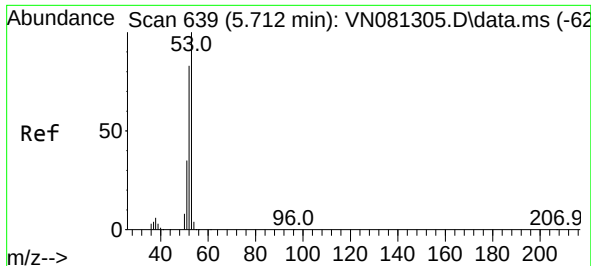
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#14
Allyl chloride
Concen: 1.127 ug/l m
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

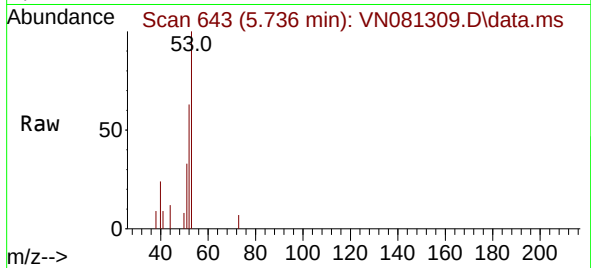
Tgt Ion: 41 Resp: 5938
Ion Ratio Lower Upper
41 100
39 78.5 57.7 86.5
76 15.1 26.8 40.2





#15
Acrylonitrile
Concen: 5.402 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.023 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

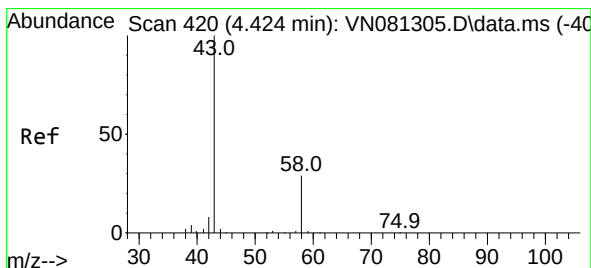
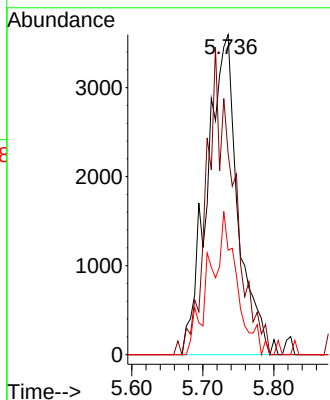
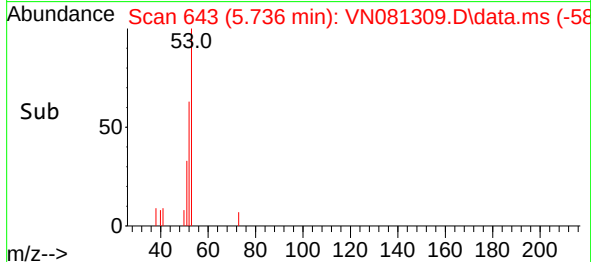
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 53 Resp: 1087
Ion Ratio Lower Upper
53 100
52 84.5 64.8 97.2
51 39.1 26.9 40.3

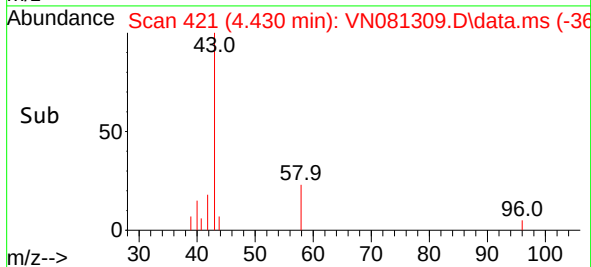
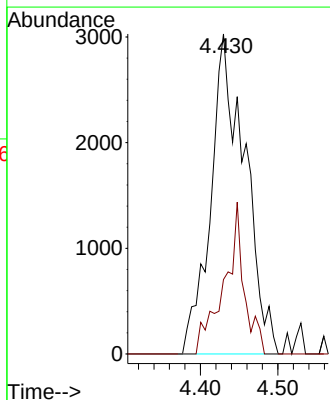
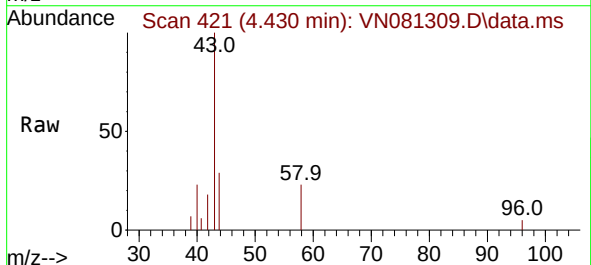
Manual Integrations
APPROVED

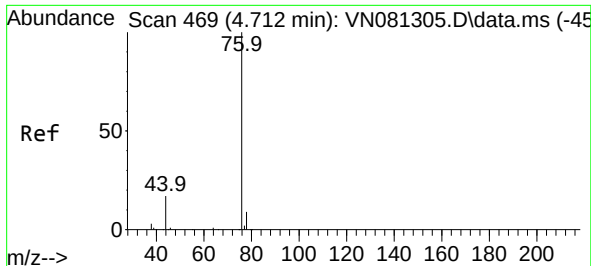
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#16
Acetone
Concen: 5.965 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 43 Resp: 9312
Ion Ratio Lower Upper
43 100
58 23.2 24.8 37.2#





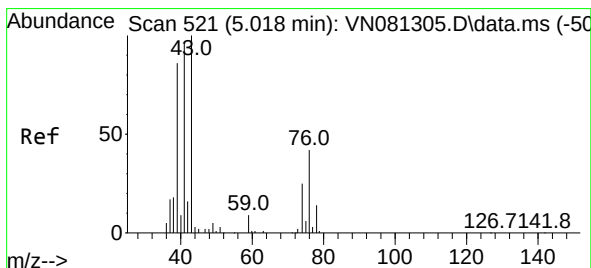
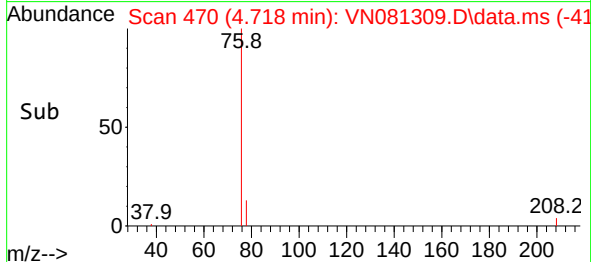
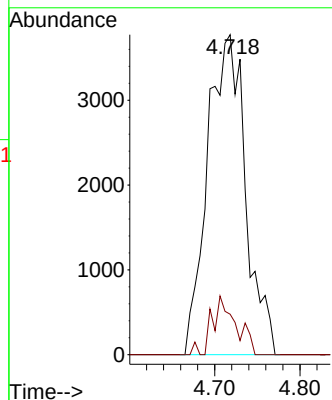
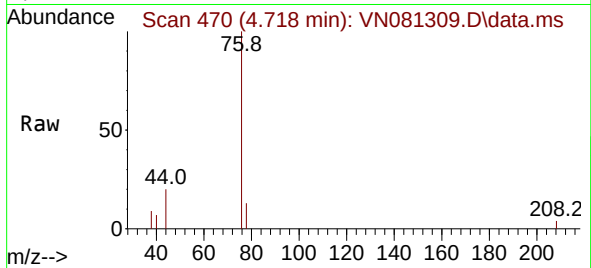
#17
Carbon Disulfide
Concen: 1.153 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 76 Resp: 11680
Ion Ratio Lower Upper
76 100
78 12.6 6.3 9.5

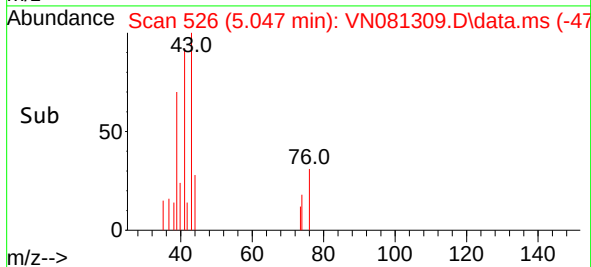
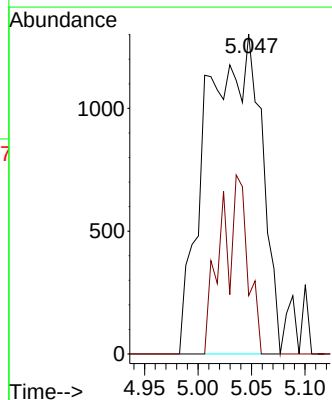
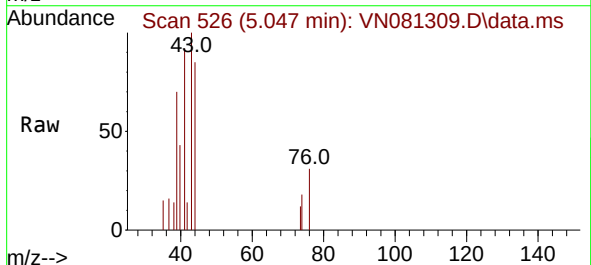
Manual Integrations
APPROVED

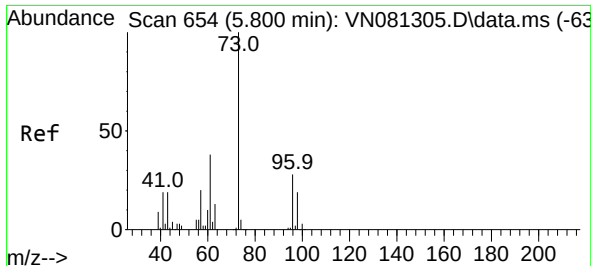
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#18
Methyl Acetate
Concen: 1.038 ug/l m
RT: 5.047 min Scan# 526
Delta R.T. 0.029 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 43 Resp: 4640
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9





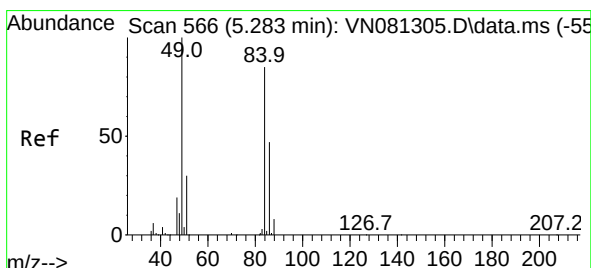
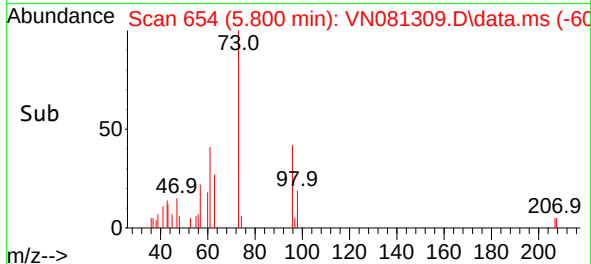
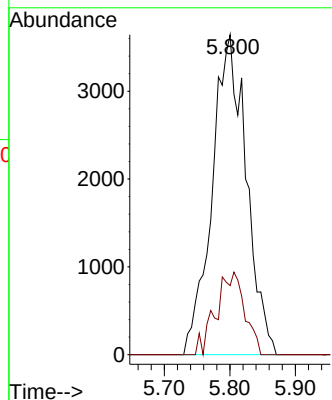
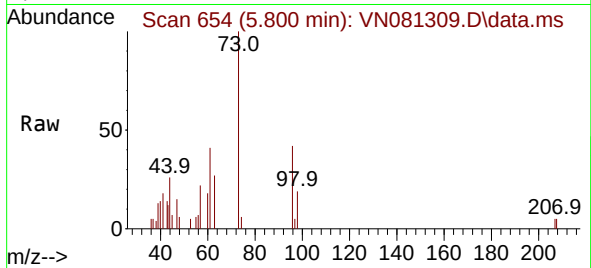
#19
Methyl tert-butyl Ether
Concen: 1.093 ug/l
RT: 5.800 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 73 Resp: 1316
Ion Ratio Lower Upper
73 100
57 21.6 18.2 27.4

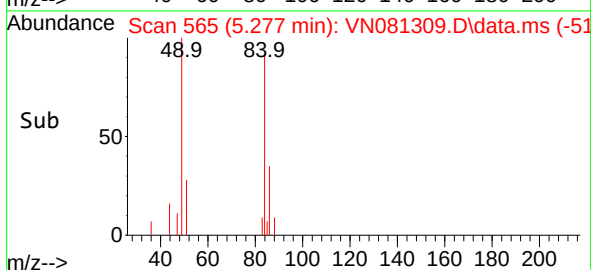
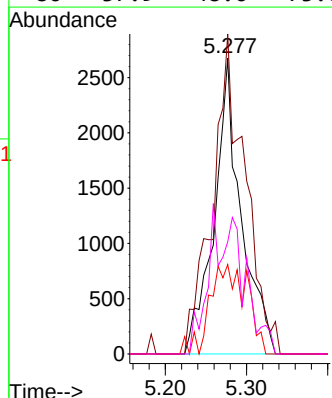
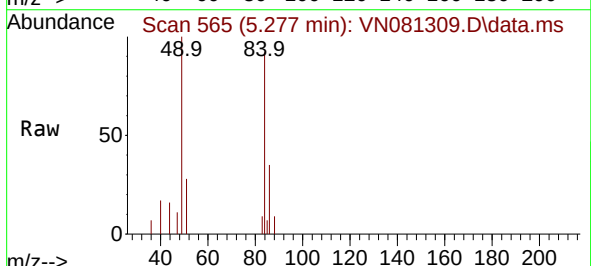
Manual Integrations
APPROVED

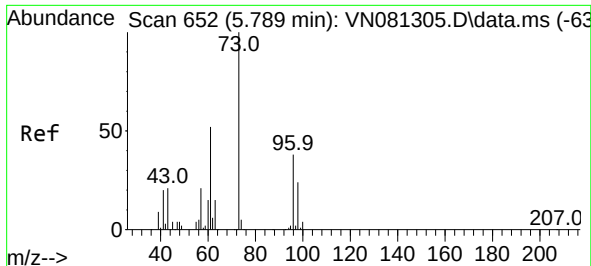
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#20
Methylene Chloride
Concen: 0.804 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

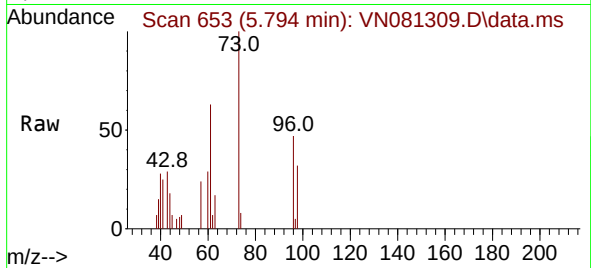
Tgt Ion: 84 Resp: 6181
Ion Ratio Lower Upper
84 100
49 108.2 108.1 162.1
51 30.2 32.9 49.3#
86 37.9 48.6 73.0#





#21
trans-1,2-Dichloroethene
Concen: 1.201 ug/l
RT: 5.794 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

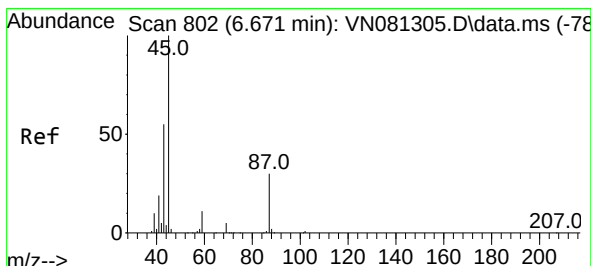
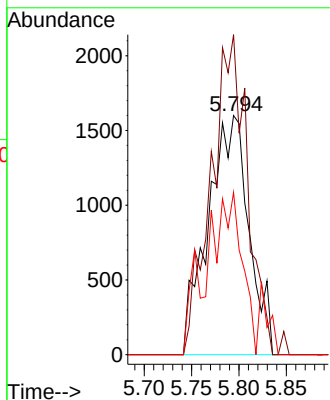
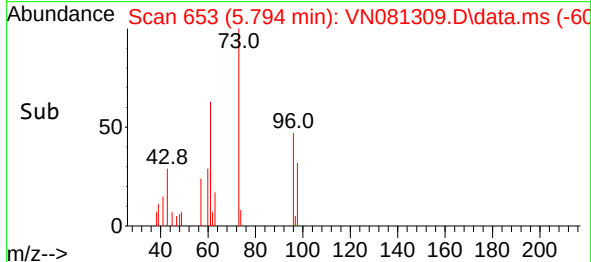
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 96 Resp: 4810
Ion Ratio Lower Upper
96 100
61 133.8 112.8 169.2
98 67.9 51.0 76.4

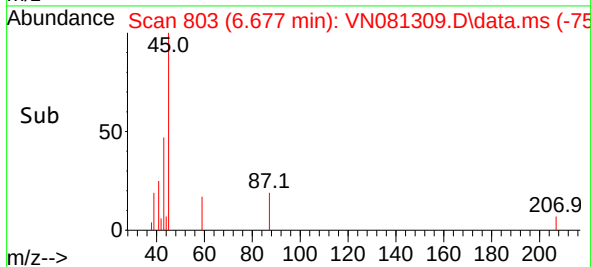
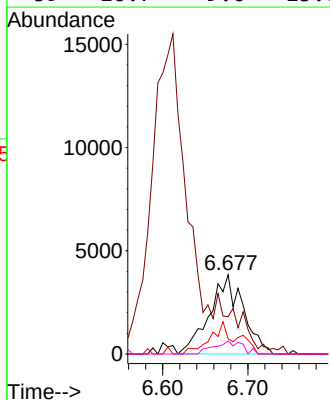
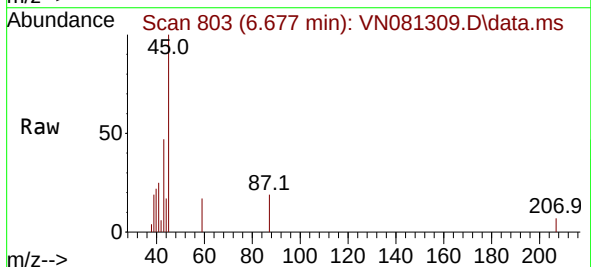
Manual Integrations
APPROVED

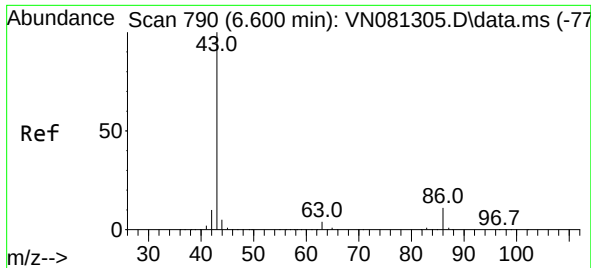
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#22
Diisopropyl ether
Concen: 0.900 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 45 Resp: 10538
Ion Ratio Lower Upper
45 100
43 41.9 41.8 62.8
87 19.2 18.1 27.1
59 16.7 9.0 13.6#





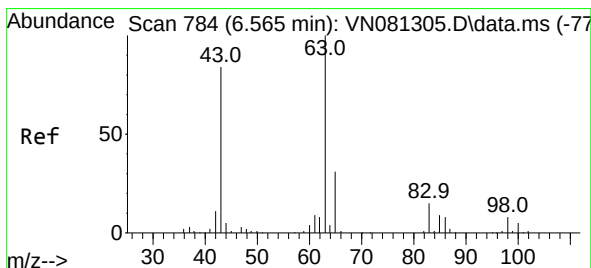
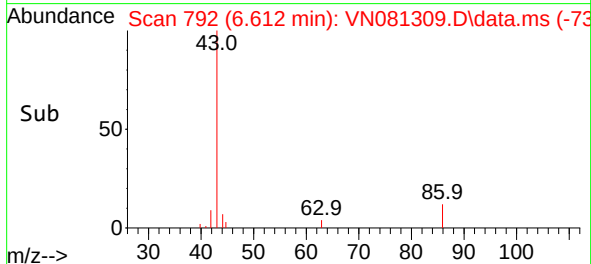
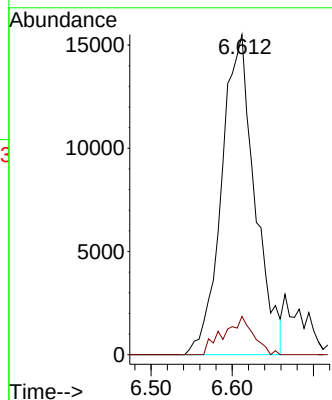
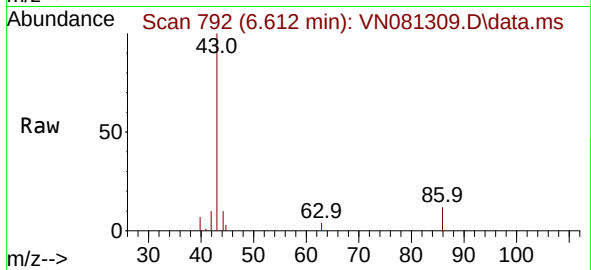
#23
 Vinyl Acetate
 Concen: 4.636 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.012 min
 Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 4408
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.1 10.7

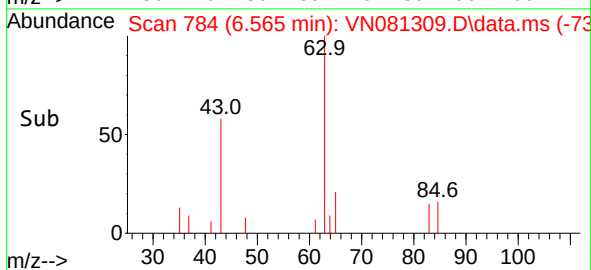
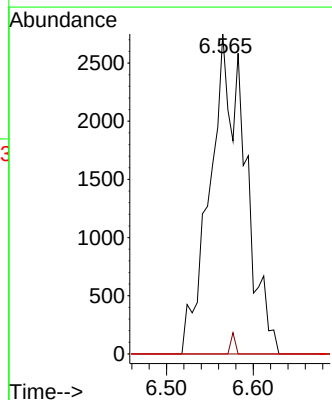
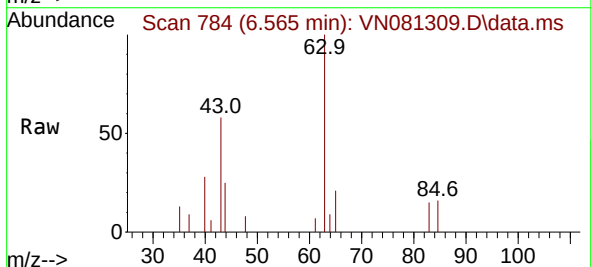
Manual Integrations
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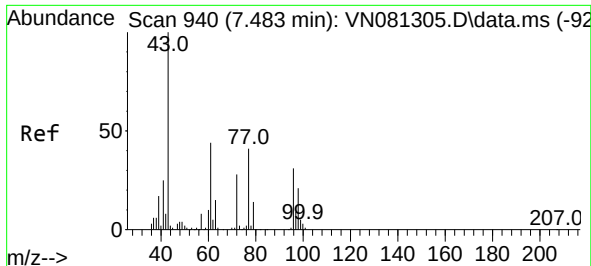
Reviewed By :John Carlone 03/06/2024
 Supervised By :Mahesh Dadoda 03/06/2024



#24
 1,1-Dichloroethane
 Concen: 1.085 ug/l m
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

Tgt Ion: 63 Resp: 7775
 Ion Ratio Lower Upper
 63 100
 98 0.0 2.9 8.6#
 100 0.0 1.9 5.7#





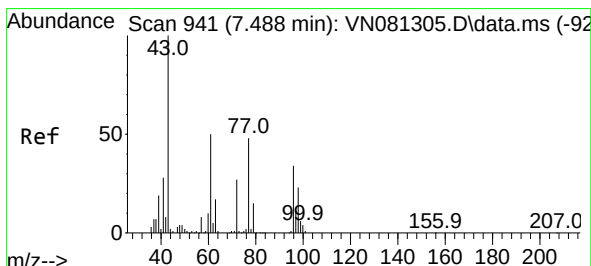
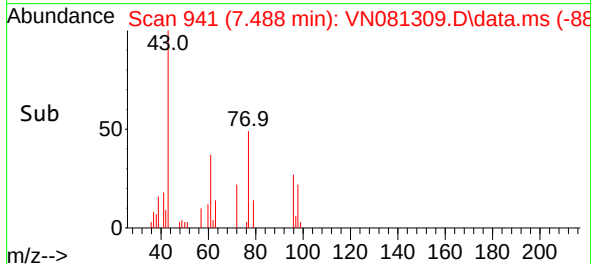
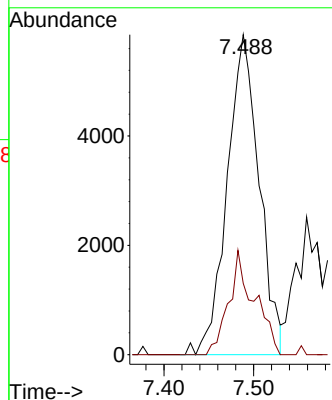
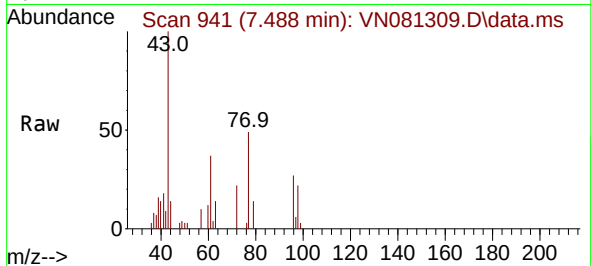
#25
2-Butanone
Concen: 5.528 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 1445
Ion Ratio Lower Upper
43 100
72 24.3 19.5 29.3

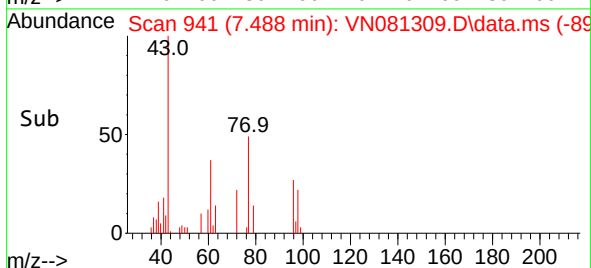
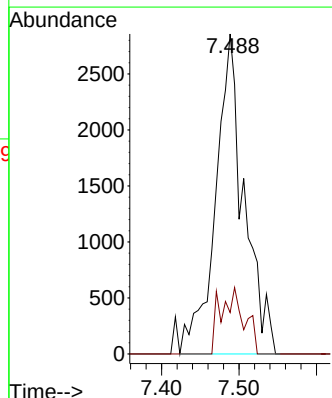
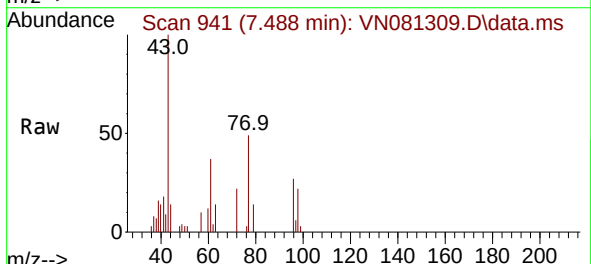
Manual Integrations
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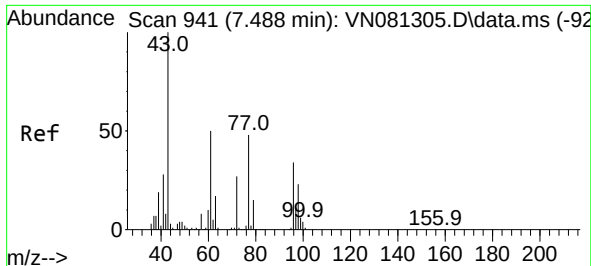
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#26
2,2-Dichloropropane
Concen: 1.157 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 77 Resp: 7327
Ion Ratio Lower Upper
77 100
97 17.0 11.5 34.5





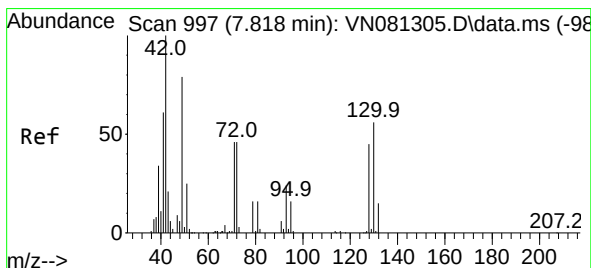
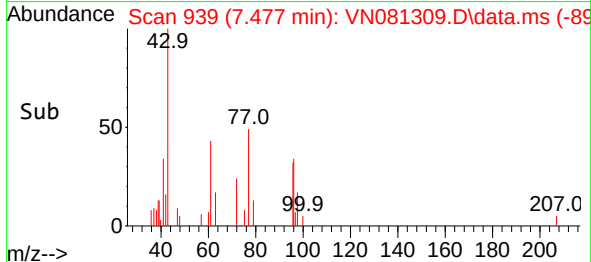
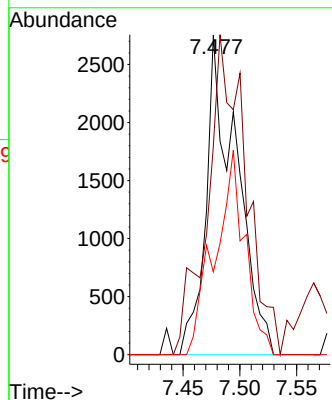
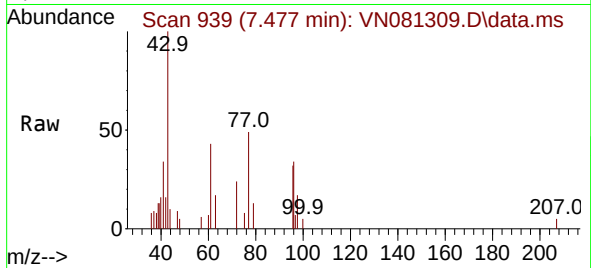
#27
 cis-1,2-Dichloroethene
 Concen: 1.133 ug/l
 RT: 7.477 min Scan# 914
 Delta R.T. -0.012 min
 Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 96 Resp: 5144
 Ion Ratio Lower Upper
 96 100
 61 126.0 0.0 325.4
 98 62.8 0.0 130.4

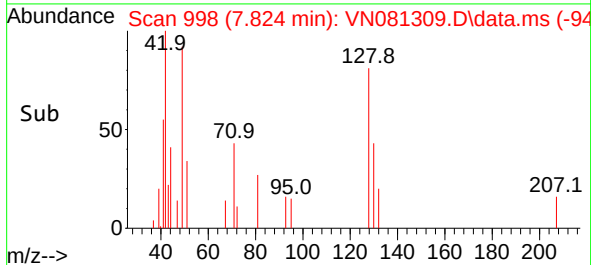
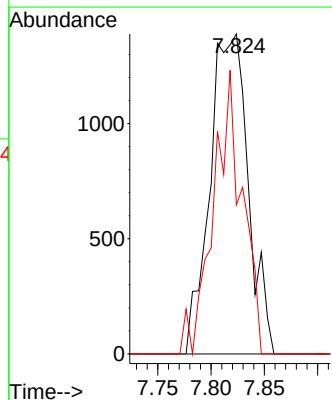
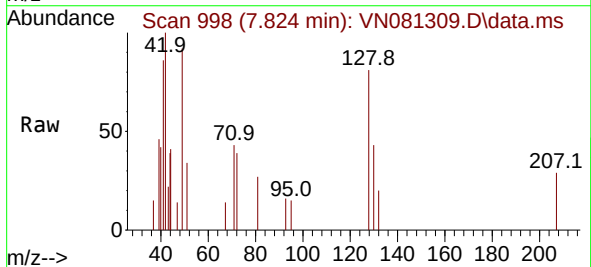
Manual Integrations
 APPROVED

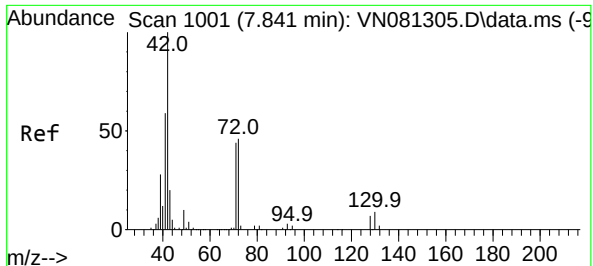
Reviewed By :John Carlone 03/06/2024
 Supervised By :Mahesh Dadoda 03/06/2024



#28
 Bromochloromethane
 Concen: 1.138 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

Tgt Ion: 49 Resp: 3488
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 1.6
 130 66.6 42.3 63.5#





#29

Tetrahydrofuran

Concen: 5.475 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.012 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

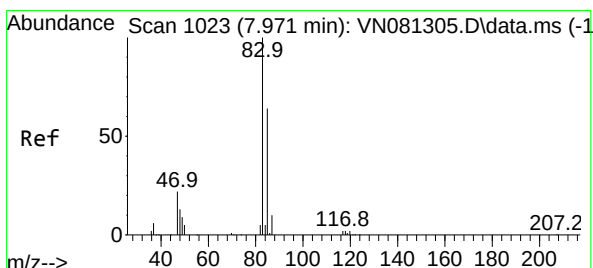
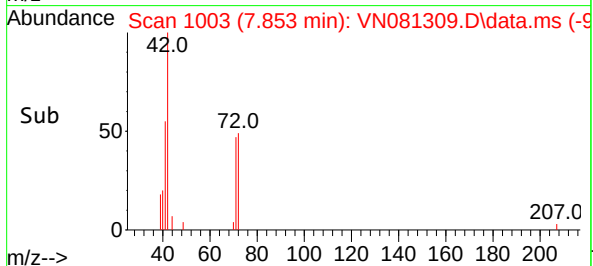
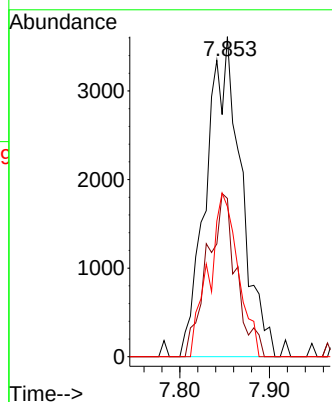
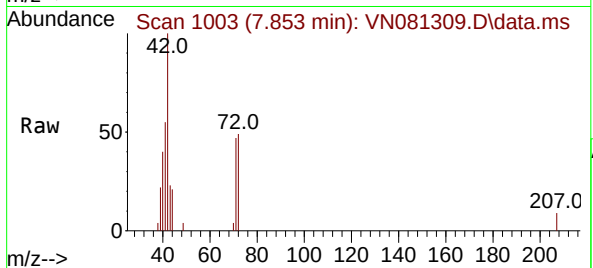
Tgt Ion:	42	Resp:	975
Ion Ratio	Lower	Upper	
42	100		
72	42.7	31.1	46.7
71	42.9	28.3	42.5

Manual Integrations

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Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#30

Chloroform

Concen: 1.052 ug/l

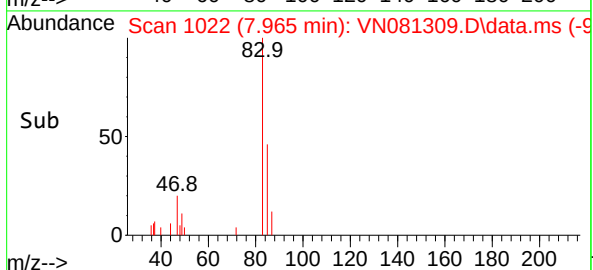
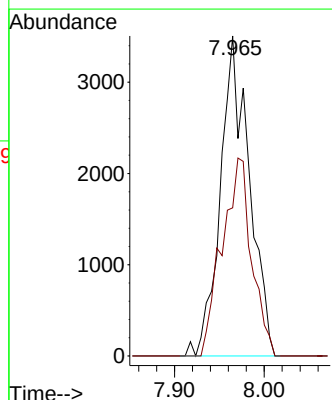
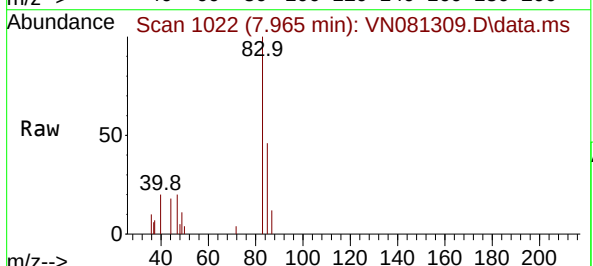
RT: 7.965 min Scan# 1022

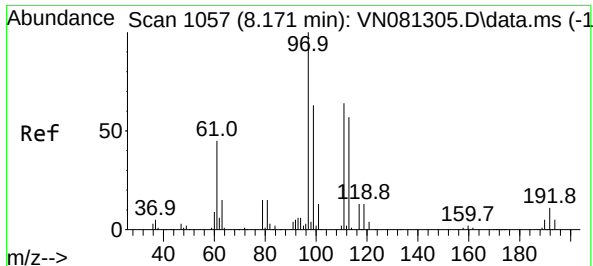
Delta R.T. -0.006 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Tgt Ion:	83	Resp:	7819
Ion Ratio	Lower	Upper	
83	100		
85	46.3	51.0	76.6





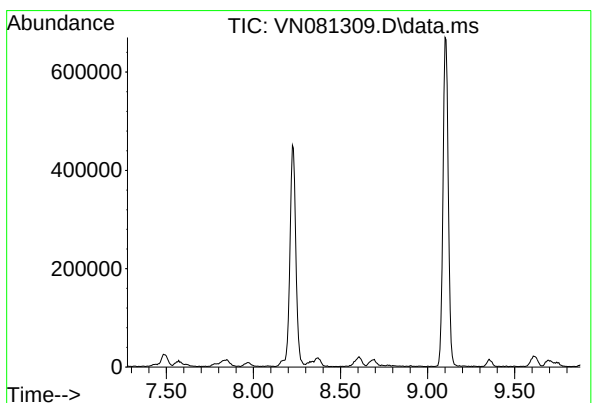
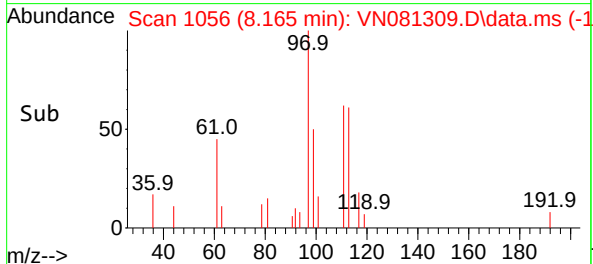
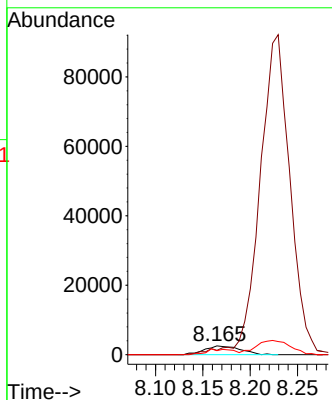
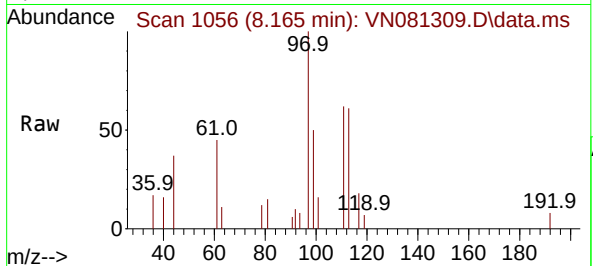
#32
 1,1,1-Trichloroethane
 Concen: 1.013 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

Instrument : MSVOA_N
 ClientSampleId : VSTDIC001

Tgt Ion: 97	Resp: 665
Ion Ratio	Lower Upper
97	100
99	0.0 53.4 80.0
61	46.2 43.8 65.8

Manual Integrations
 APPROVED

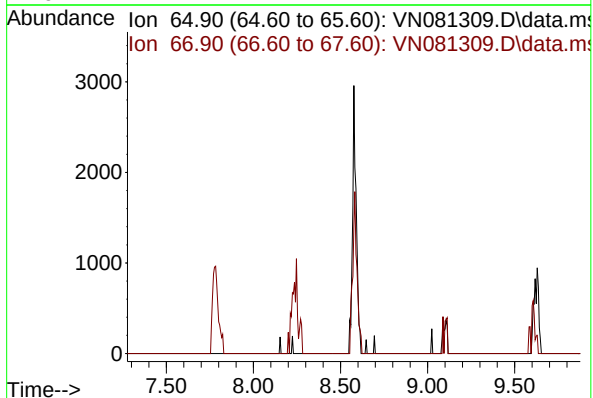
Reviewed By :John Carlone 03/06/2024
 Supervised By :Mahesh Dadoda 03/06/2024

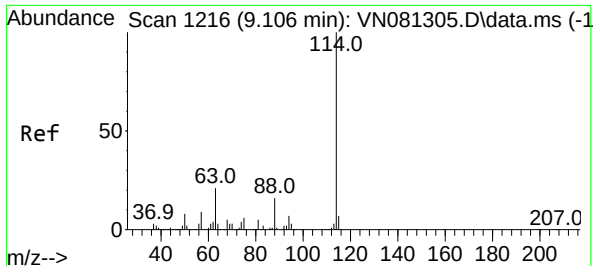


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.58 min

Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

Tgt Ion: 65
Sig Exp Ratio
65 100
67 51.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:114 Resp: 58237

Ion Ratio Lower Upper

114 100

63 21.4 0.0 48.0

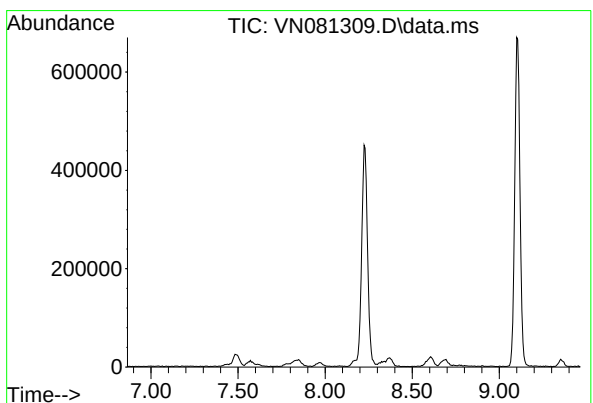
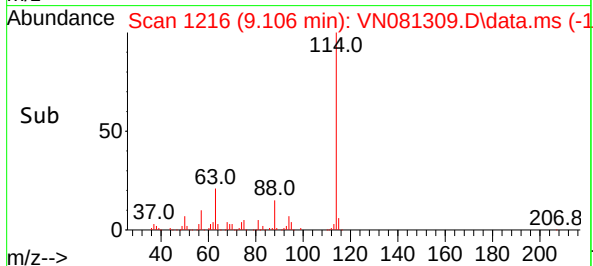
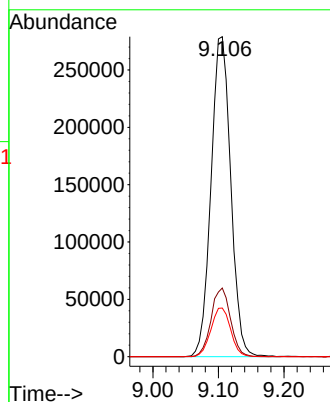
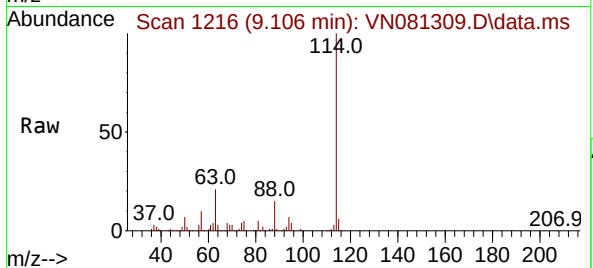
88 15.2 0.0 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 8.16 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

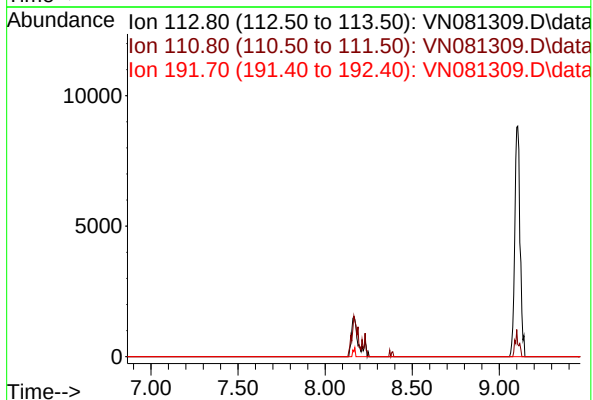
Tgt Ion: 113

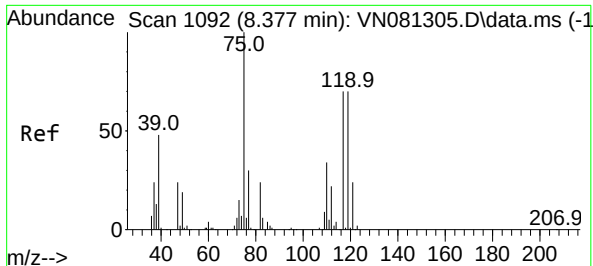
Sig Exp Ratio

113 100

111 102.8

192 15.6





#36

1,1-Dichloropropene

Concen: 1.030 ug/l

RT: 8.365 min Scan# 1092

Delta R.T. -0.012 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

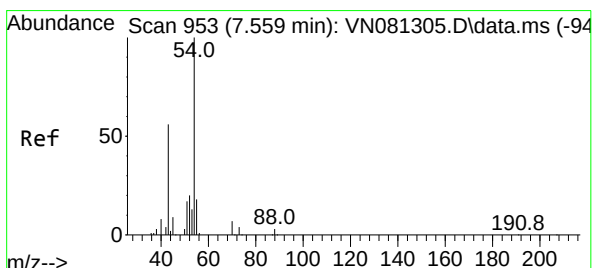
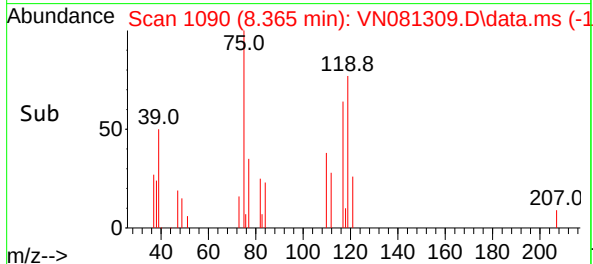
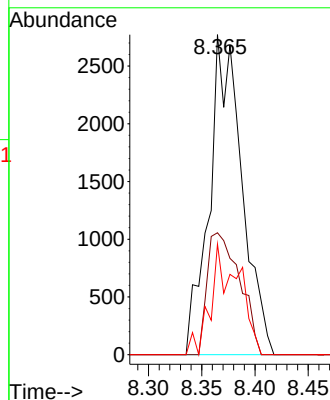
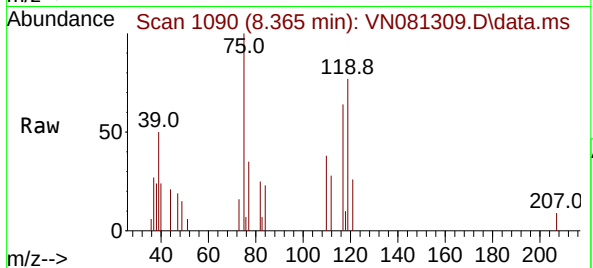
Tgt Ion:	75	Resp:	5930
Ion	Ratio	Lower	Upper
75	100		
110	37.9	16.0	48.0
77	29.7	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#37

Ethyl Acetate

Concen: 1.104 ug/l

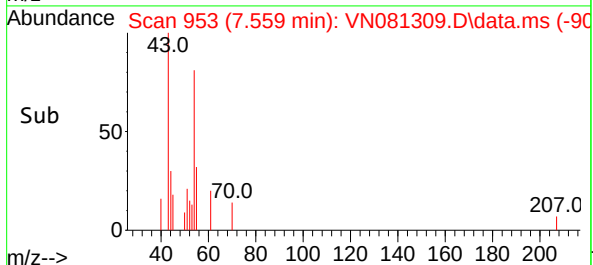
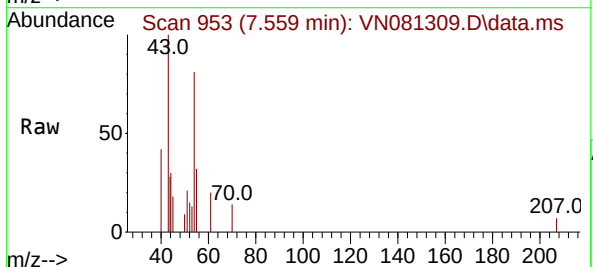
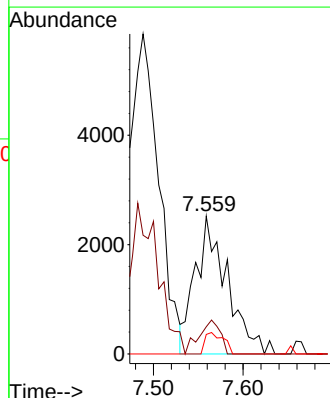
RT: 7.559 min Scan# 953

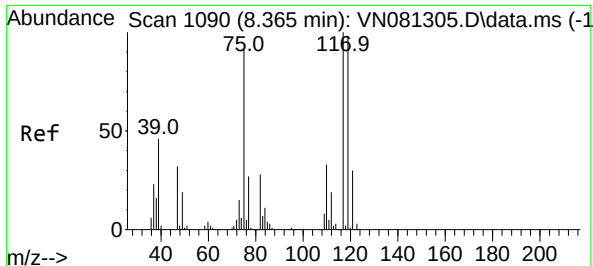
Delta R.T. -0.000 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

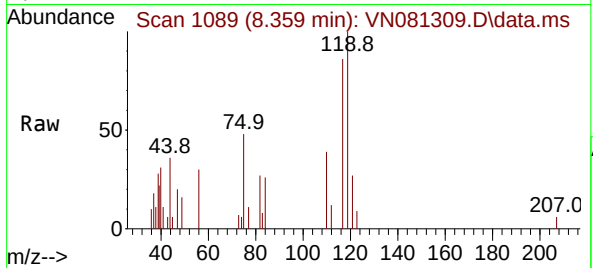
Tgt Ion:	43	Resp:	6212
Ion	Ratio	Lower	Upper
43	100		
61	16.1	10.6	15.8
70	9.0	8.0	12.0





#38
Carbon Tetrachloride
Concen: 0.938 ug/l
RT: 8.359 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

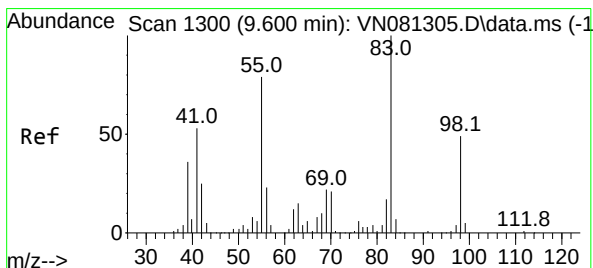
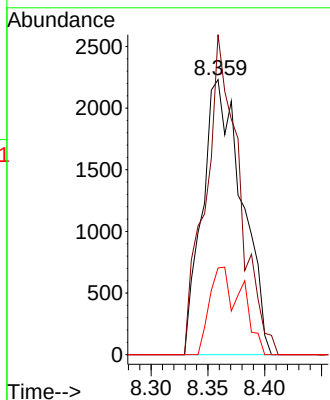
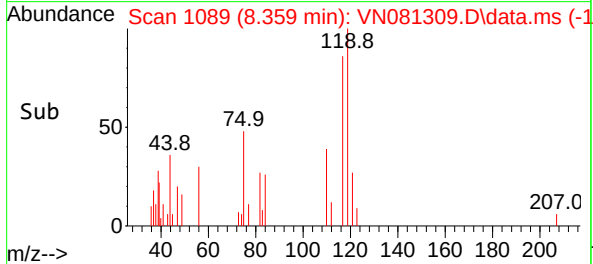
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 543
Ion Ratio Lower Upper
117 100
119 116.4 73.4 110.2
121 31.6 24.4 36.6

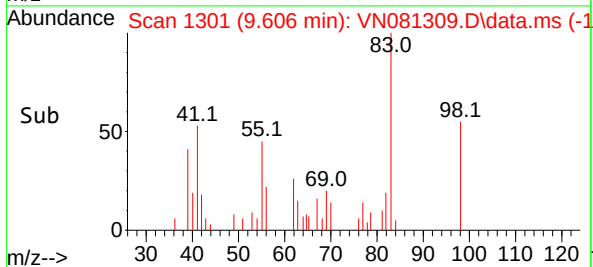
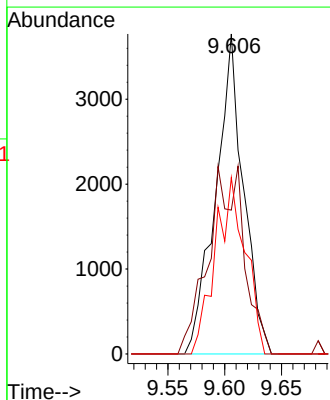
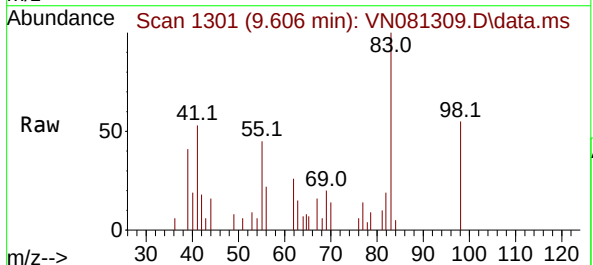
Manual Integrations
APPROVED

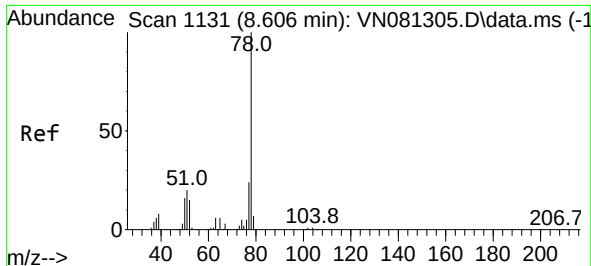
Reviewed By : John Carlone 03/06/2024
Supervised By : Mahesh Dadoda 03/06/2024



#39
Methylcyclohexane
Concen: 0.972 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 83 Resp: 6441
Ion Ratio Lower Upper
83 100
55 45.0 65.7 98.5#
98 55.1 33.8 50.6#





#40

Benzene

Concen: 1.018 ug/l

RT: 8.612 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 78 Resp: 1749

Ion Ratio Lower Upper

78 100

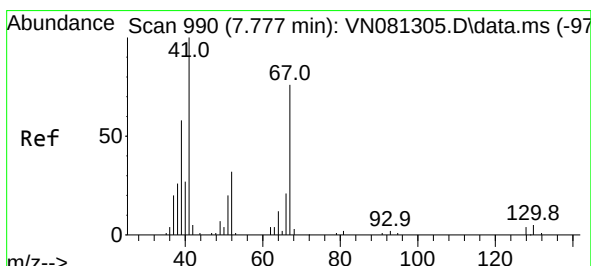
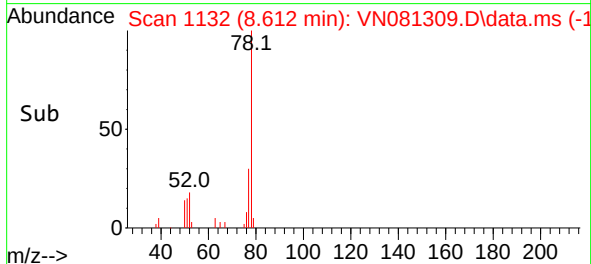
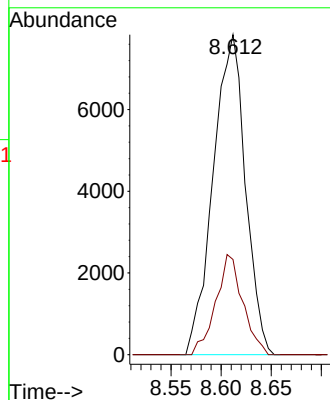
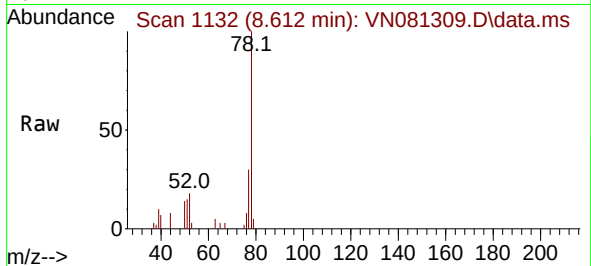
77 29.7 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#41

Methacrylonitrile

Concen: 1.099 ug/l

RT: 7.771 min Scan# 989

Delta R.T. -0.006 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Tgt Ion: 41 Resp: 3491

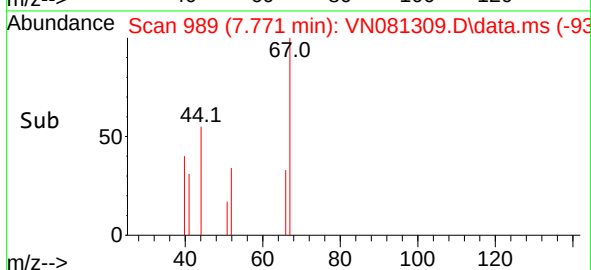
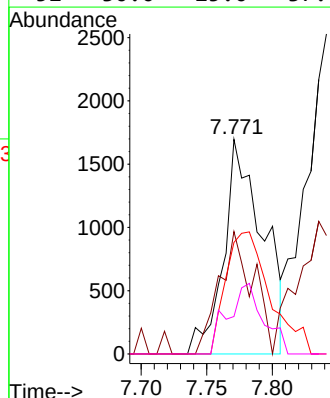
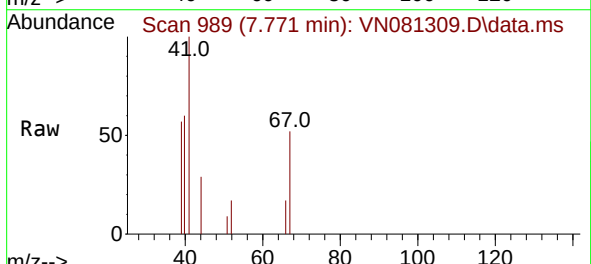
Ion Ratio Lower Upper

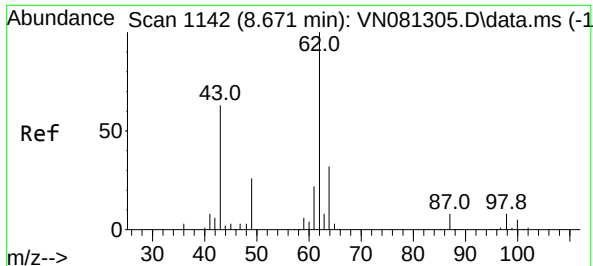
41 100

39 49.6 48.4 72.6

67 64.8 56.8 85.2

52 30.0 25.0 37.4





#42

1,2-Dichloroethane

Concen: 1.009 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

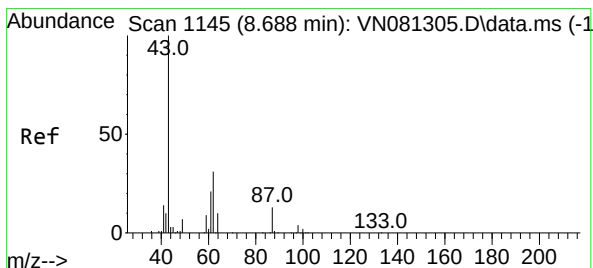
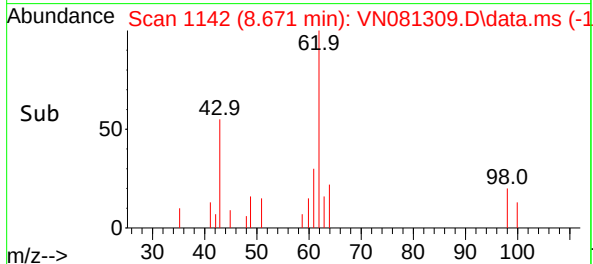
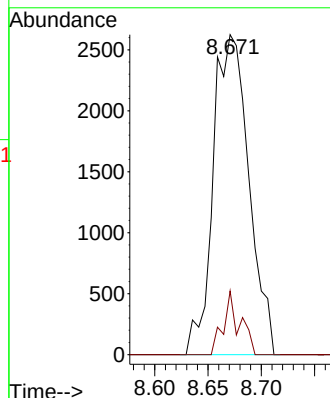
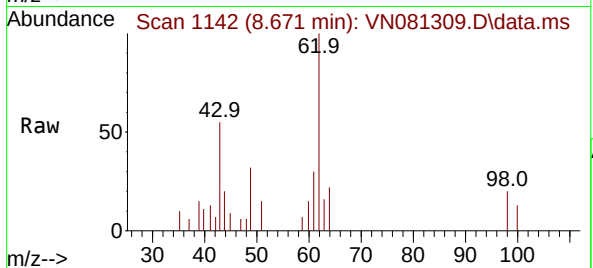
Tgt Ion: 62 Resp: 611
 Ion Ratio Lower Upper
 62 100
 98 9.1 0.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#43

Isopropyl Acetate

Concen: 1.105 ug/l

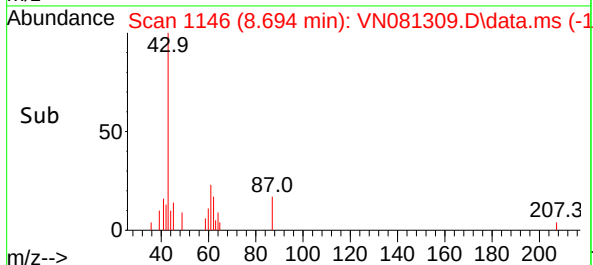
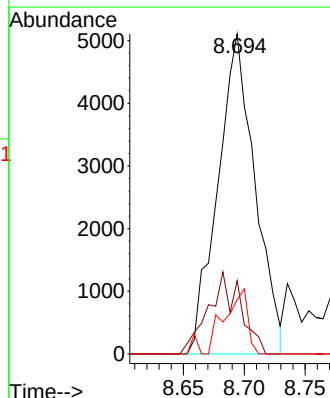
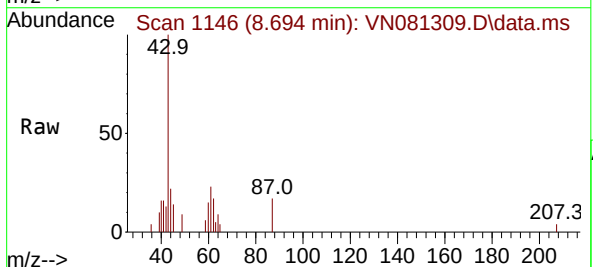
RT: 8.694 min Scan# 1146

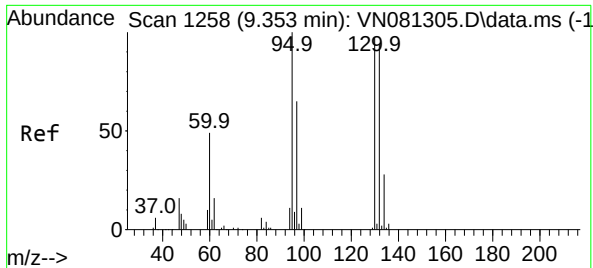
Delta R.T. 0.006 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Tgt Ion: 43 Resp: 10887
 Ion Ratio Lower Upper
 43 100
 61 22.0 19.9 29.9
 87 12.5 9.0 13.6





#44

Trichloroethene

Concen: 1.091 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:130 Resp: 4729

Ion Ratio Lower Upper

130 100

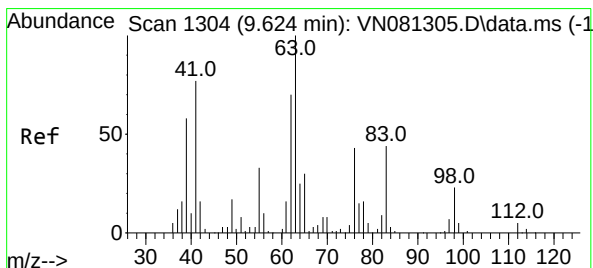
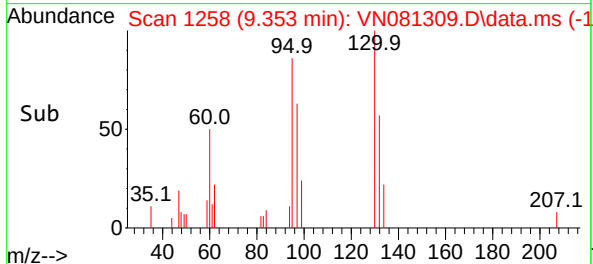
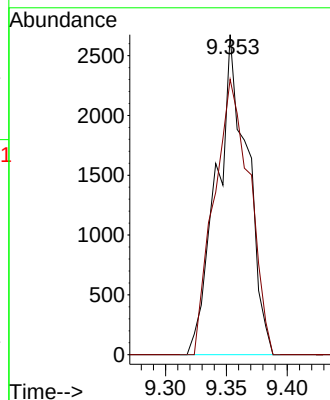
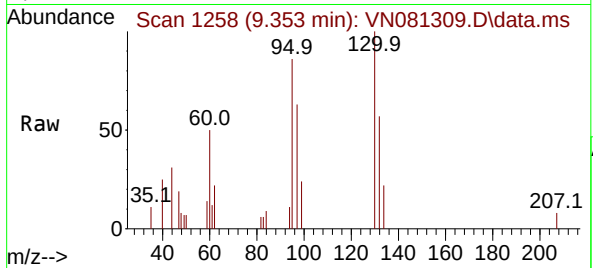
95 86.1 0.0 210.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#45

1,2-Dichloropropane

Concen: 0.969 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081309.D

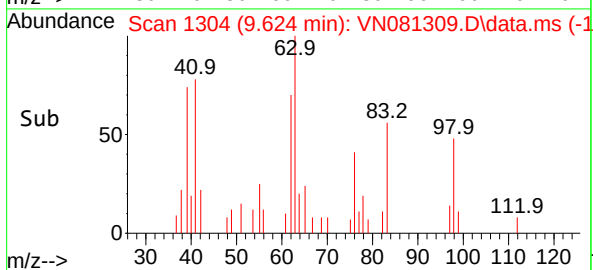
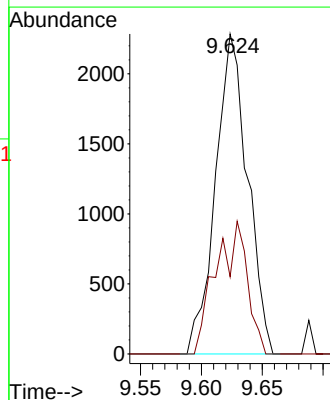
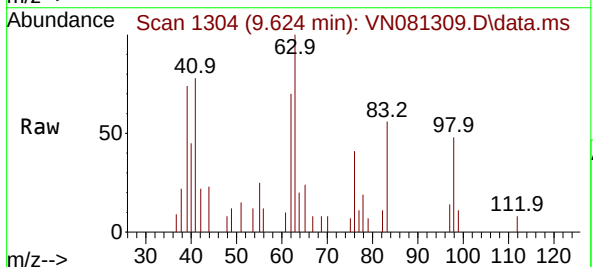
Acq: 05 Mar 2024 13:59

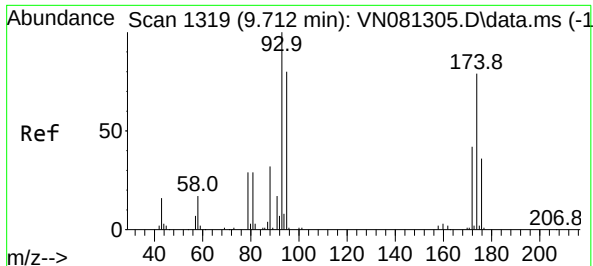
Tgt Ion: 63 Resp: 4181

Ion Ratio Lower Upper

63 100

65 24.1 26.1 39.1#





#46

Dibromomethane

Concen: 0.979 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 93 Resp: 2978

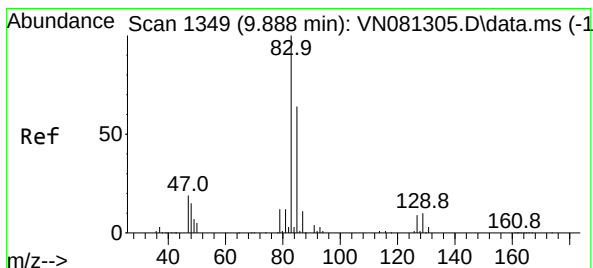
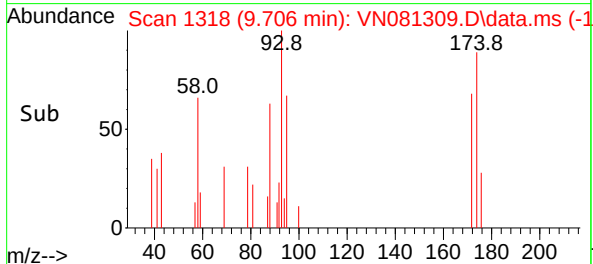
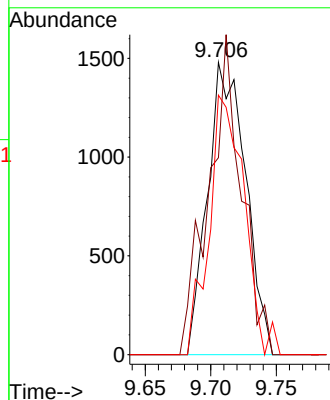
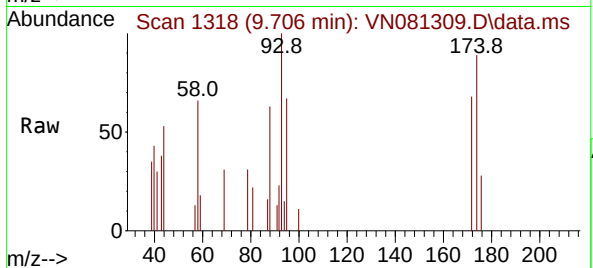
Ion	Ratio	Lower	Upper
93	100		
95	94.6	68.1	102.1
174	82.1	57.2	85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#47

Bromodichloromethane

Concen: 0.972 ug/l

RT: 9.894 min Scan# 1350

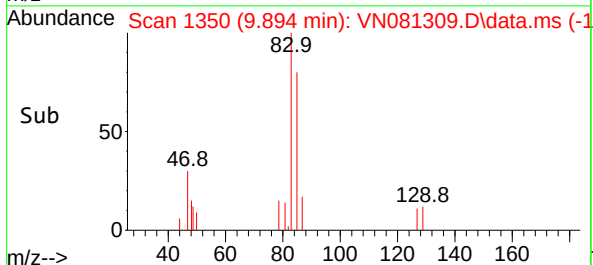
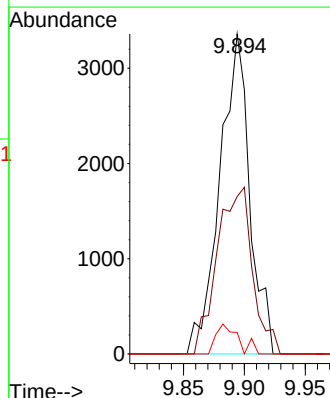
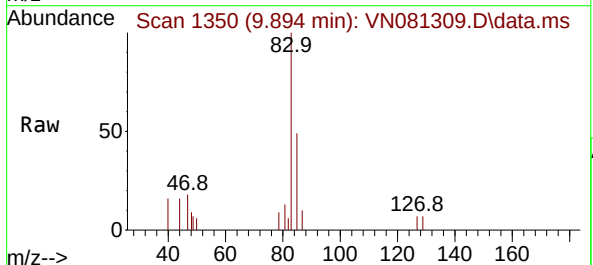
Delta R.T. 0.006 min

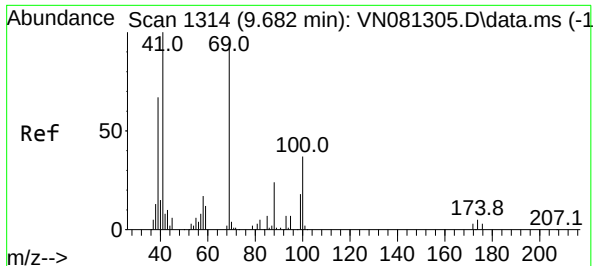
Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Tgt Ion: 83 Resp: 5742

Ion	Ratio	Lower	Upper
83	100		
85	49.2	52.3	78.5
127	6.8	4.6	7.0





#48

Methyl methacrylate

Concen: 0.979 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 426

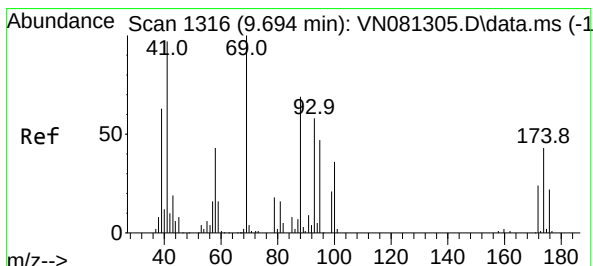
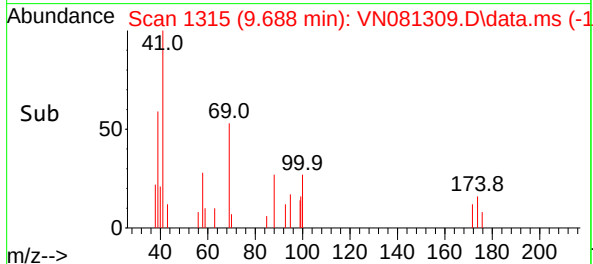
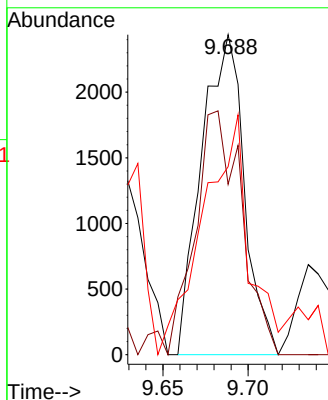
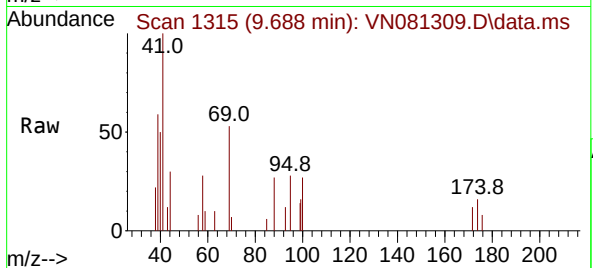
Ion	Ratio	Lower	Upper
41	100		
69	84.7	62.2	93.2
39	79.9	47.6	71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#49

1,4-Dioxane

Concen: 20.031 ug/l

RT: 9.706 min Scan# 1318

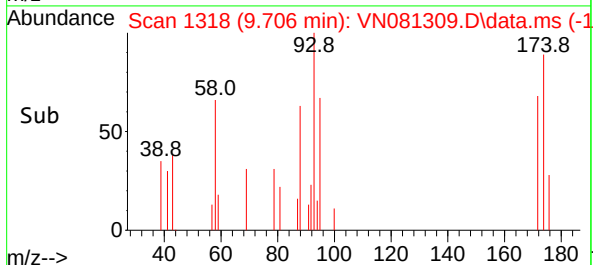
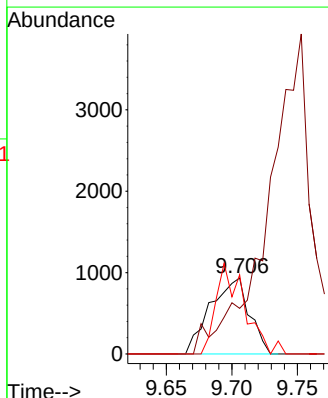
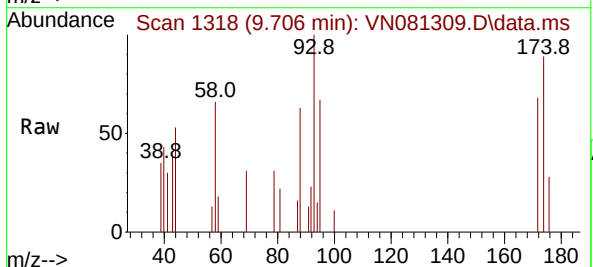
Delta R.T. 0.012 min

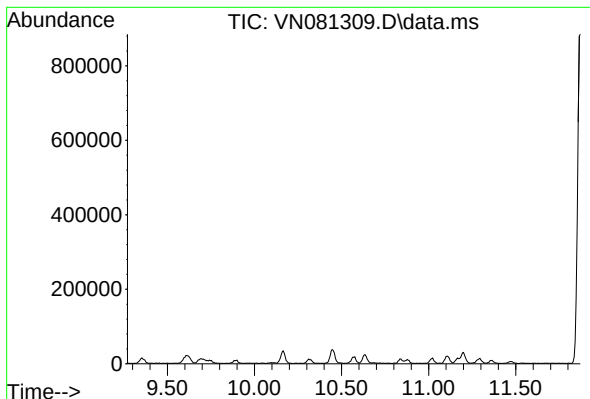
Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Tgt Ion: 88 Resp: 1922

Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.1	45.1
58	88.6	63.9	95.9





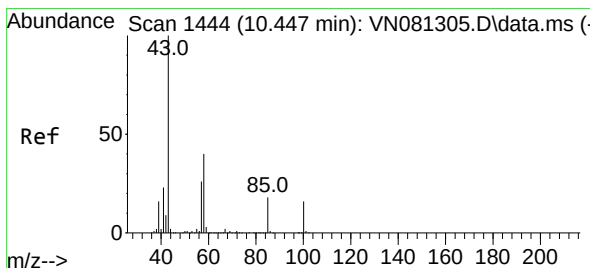
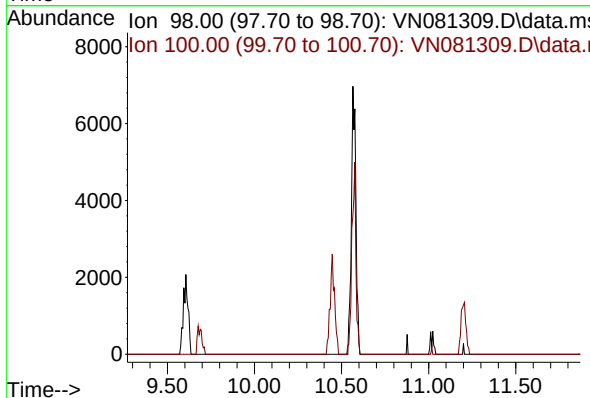
#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.57 min
 Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 64.2

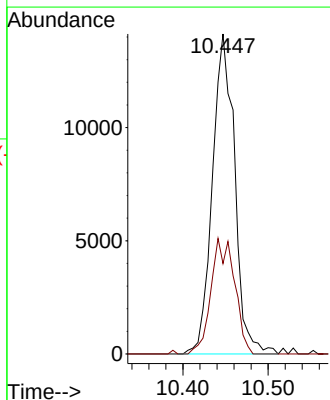
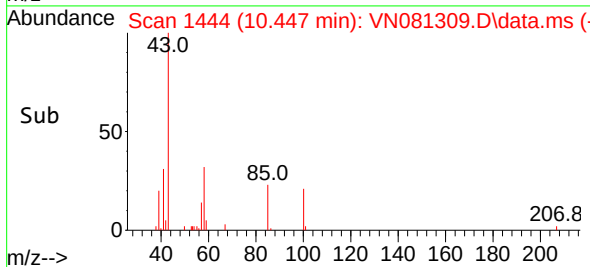
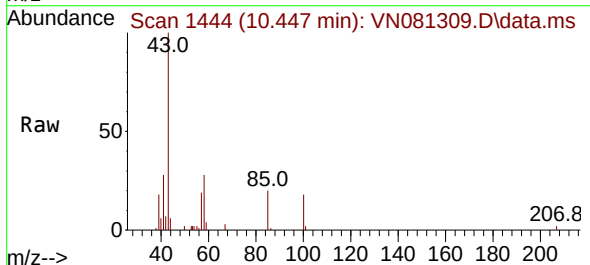
Manual Integrations
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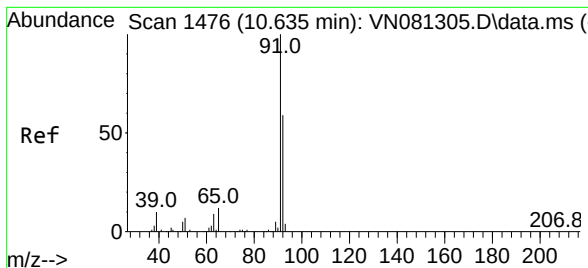
Reviewed By :John Carlone 03/06/2024
 Supervised By :Mahesh Dadoda 03/06/2024



#51
 4-Methyl-2-Pentanone
 Concen: 4.492 ug/l
 RT: 10.447 min Scan# 1444
 Delta R.T. -0.000 min
 Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

Tgt Ion: 43 Resp: 25691
 Ion Ratio Lower Upper
 43 100
 58 38.3 29.4 44.0





#52

Toluene

Concen: 0.923 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 9580

Ion Ratio Lower Upper

92 100

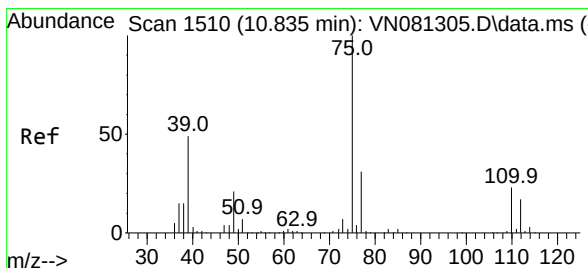
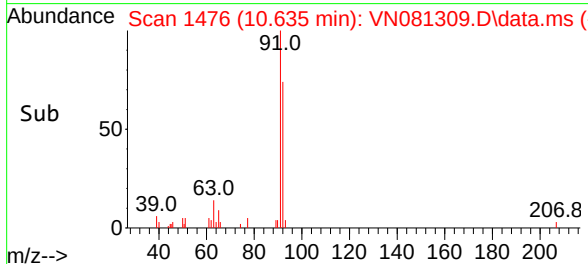
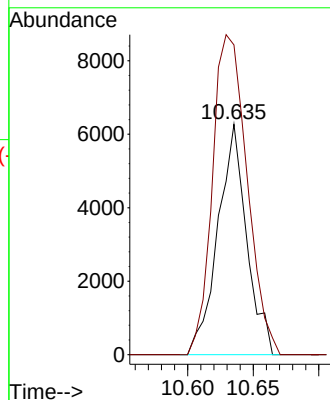
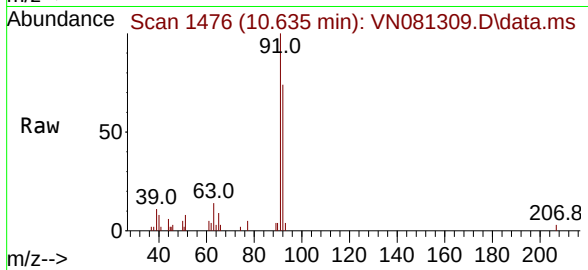
91 167.0 139.4 209.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#53

t-1,3-Dichloropropene

Concen: 0.960 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN081309.D

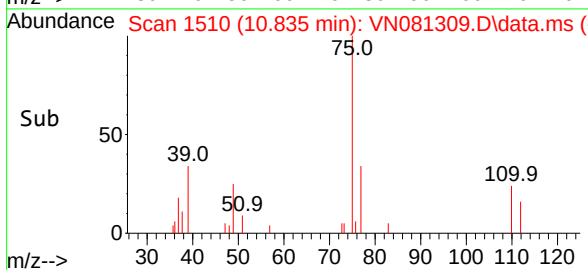
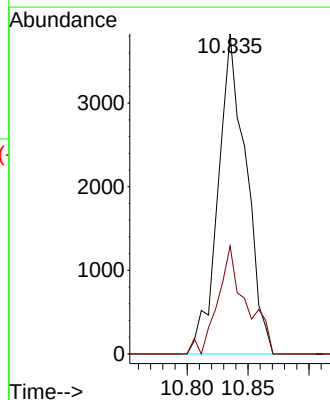
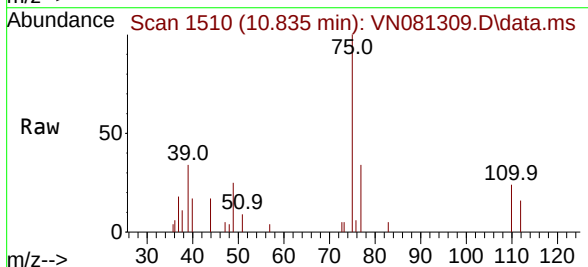
Acq: 05 Mar 2024 13:59

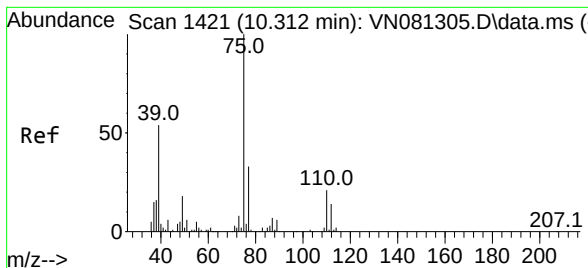
Tgt Ion: 75 Resp: 6136

Ion Ratio Lower Upper

75 100

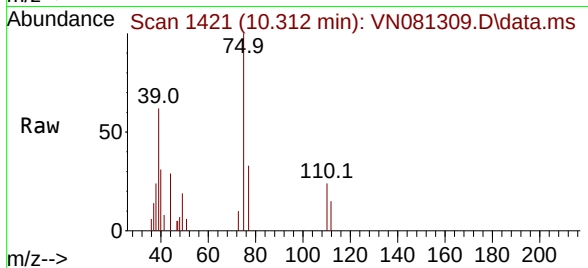
77 33.8 25.5 38.3





#54
cis-1,3-Dichloropropene
Concen: 0.933 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

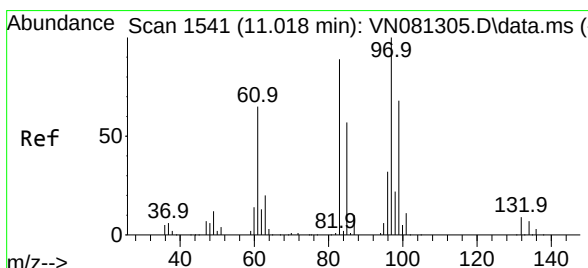
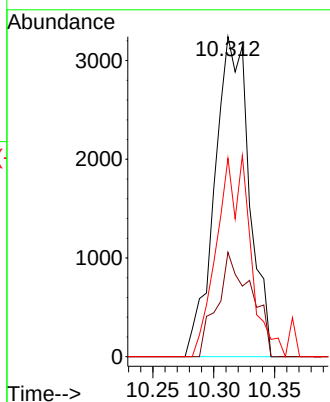
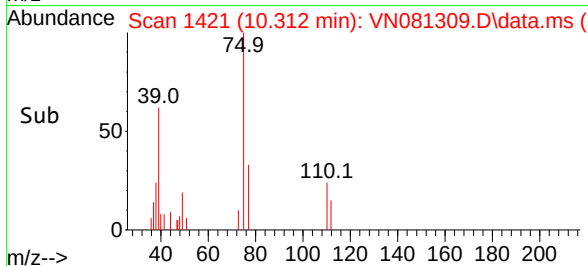
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 6439
Ion Ratio Lower Upper
75 100
77 32.6 23.3 34.9
39 62.0 44.6 66.8

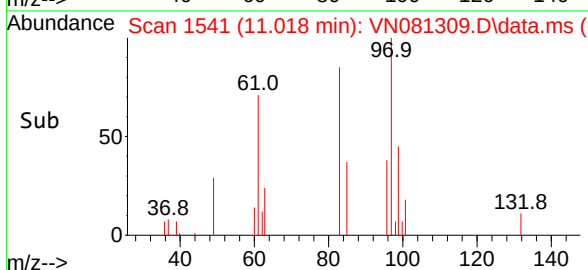
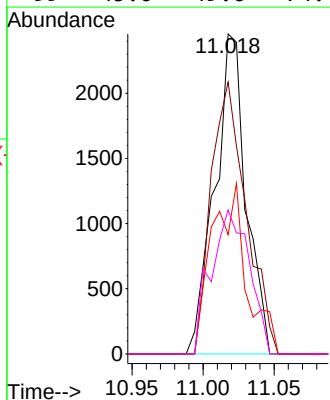
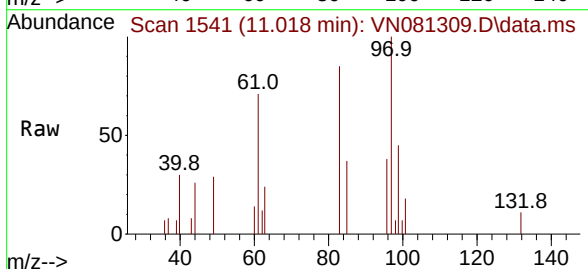
Manual Integrations
APPROVED

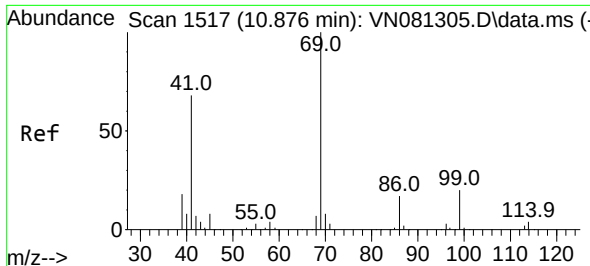
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#55
1,1,2-Trichloroethane
Concen: 0.917 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

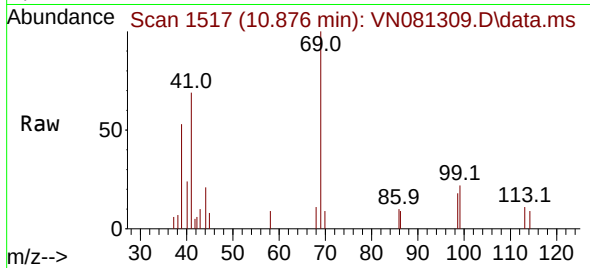
Tgt Ion: 97 Resp: 3776
Ion Ratio Lower Upper
97 100
83 84.9 72.9 109.3
85 37.3 50.2 75.2#
99 45.0 49.6 74.4#





#56
Ethyl methacrylate
Concen: 0.855 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

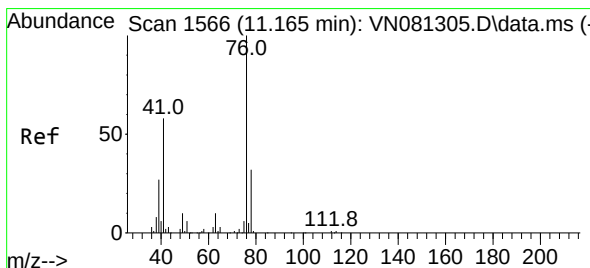
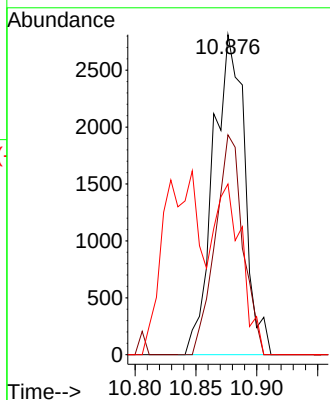
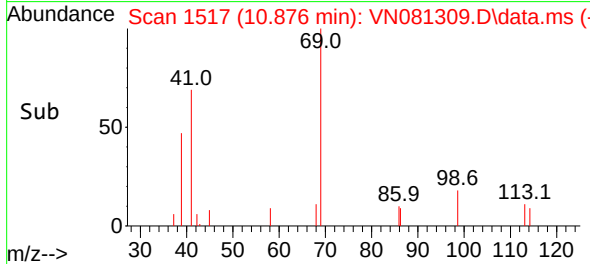
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 69 Resp: 505
Ion Ratio Lower Upper
69 100
41 60.7 61.0 91.6
39 46.8 31.8 47.6

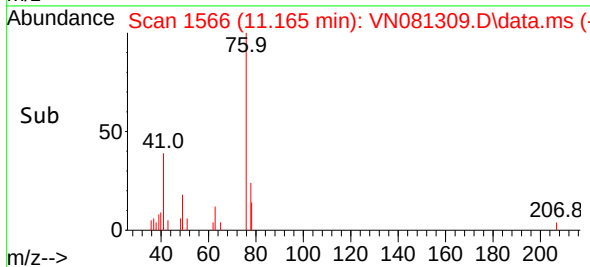
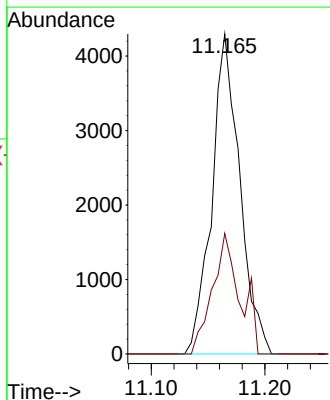
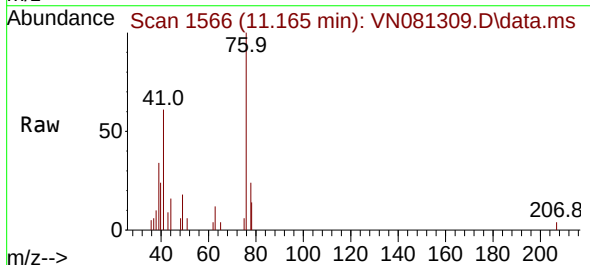
Manual Integrations
APPROVED

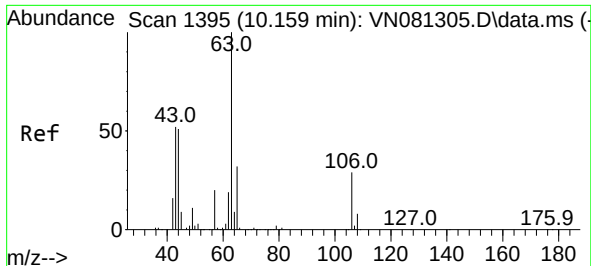
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#57
1,3-Dichloropropane
Concen: 1.021 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 76 Resp: 7336
Ion Ratio Lower Upper
76 100
78 37.2 25.5 38.3





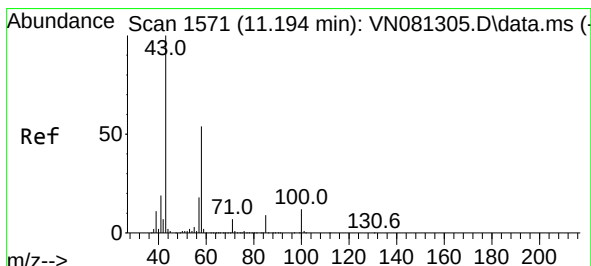
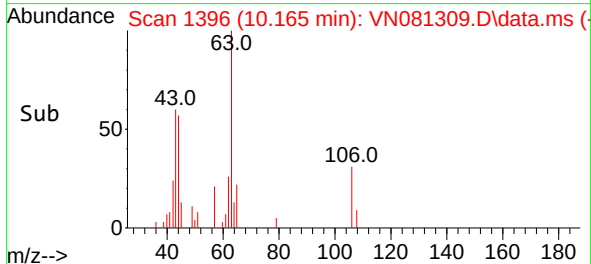
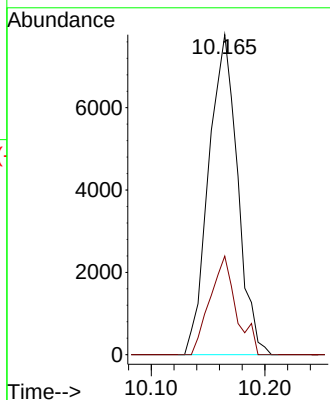
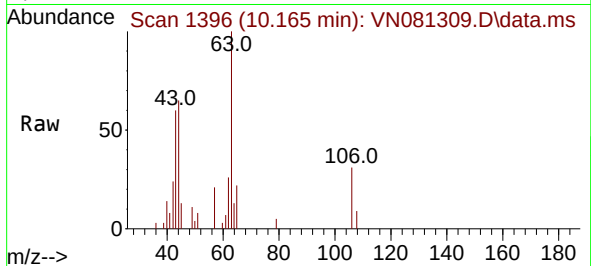
#58
2-Chloroethyl Vinyl ether
Concen: 4.326 ug/l
RT: 10.165 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 13752
Ion Ratio Lower Upper
63 100
106 28.0 18.6 28.0

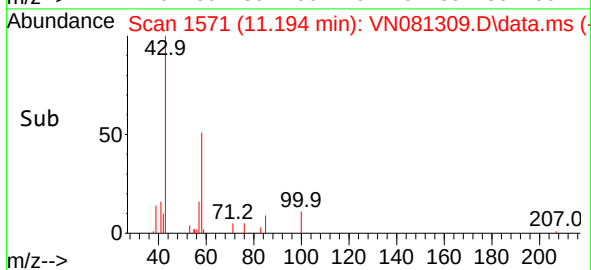
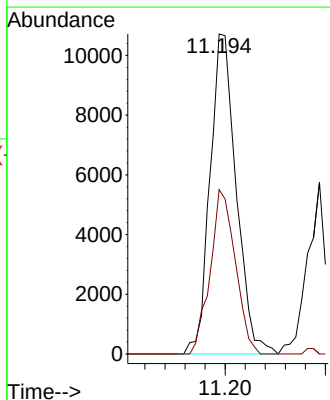
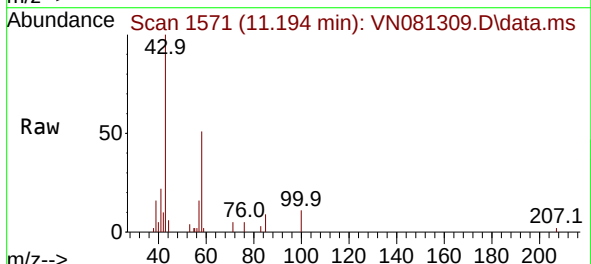
Manual Integrations
APPROVED

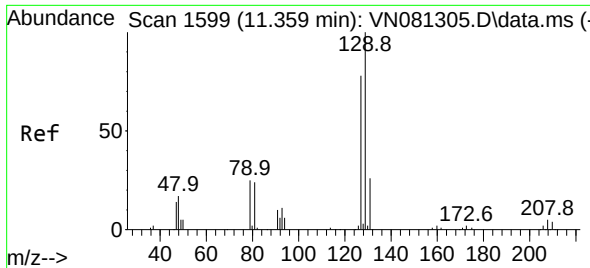
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#59
2-Hexanone
Concen: 4.539 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

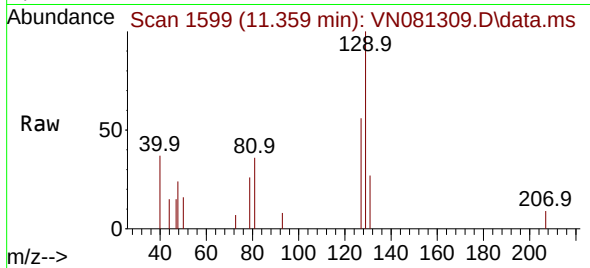
Tgt Ion: 43 Resp: 19407
Ion Ratio Lower Upper
43 100
58 49.2 25.9 77.8





#60
Dibromochloromethane
Concen: 0.943 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

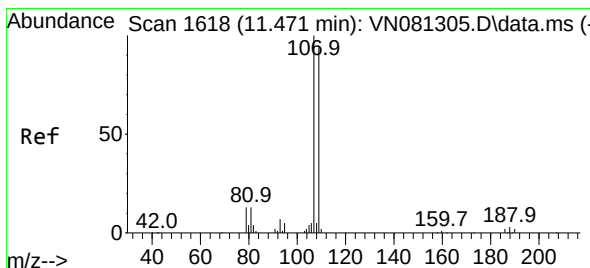
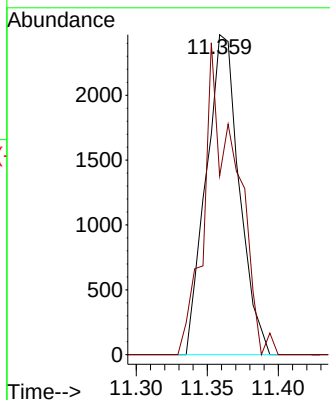
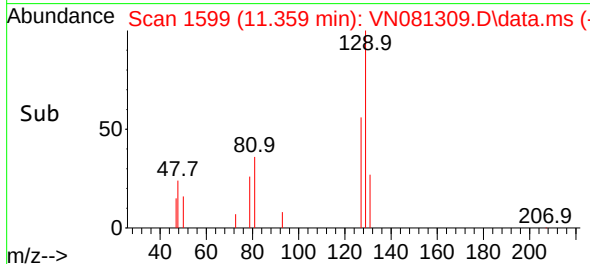
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



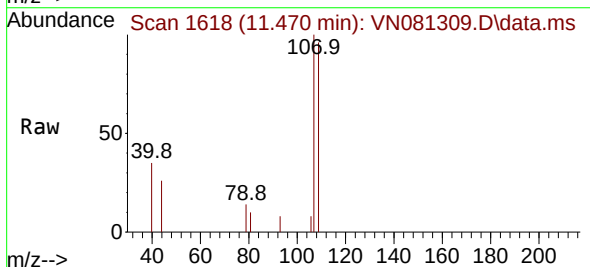
Tgt Ion:129 Resp: 3998
Ion Ratio Lower Upper
129 100
127 92.7 39.4 118.2

Manual Integrations
APPROVED

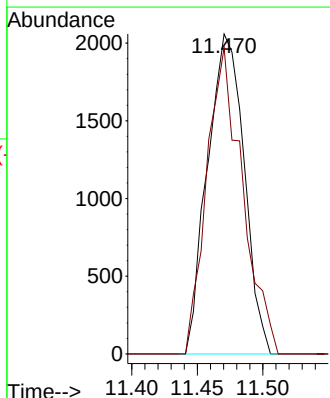
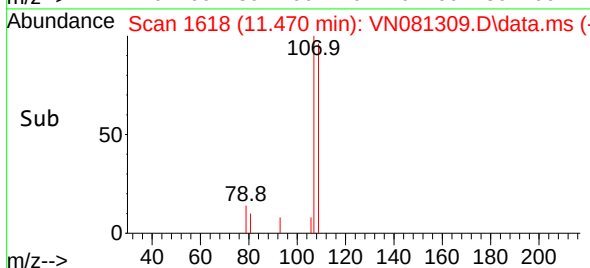
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

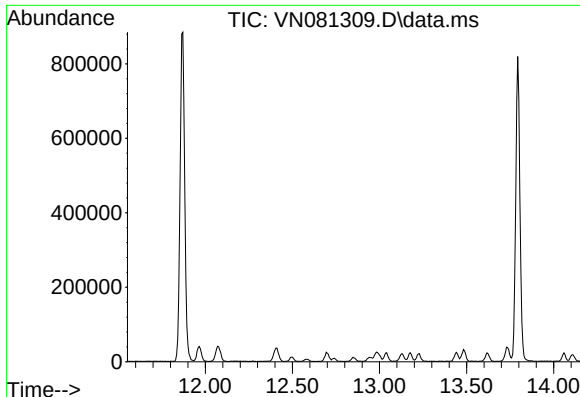


#61
1,2-Dibromoethane
Concen: 0.934 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59



Tgt Ion:107 Resp: 3990
Ion Ratio Lower Upper
107 100
109 93.7 73.4 110.2





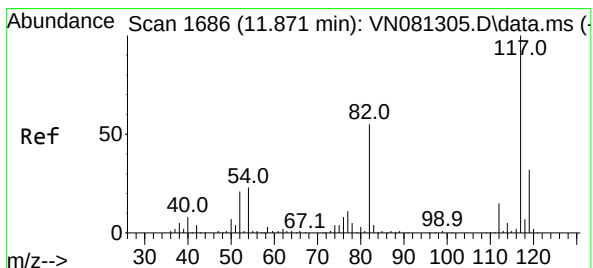
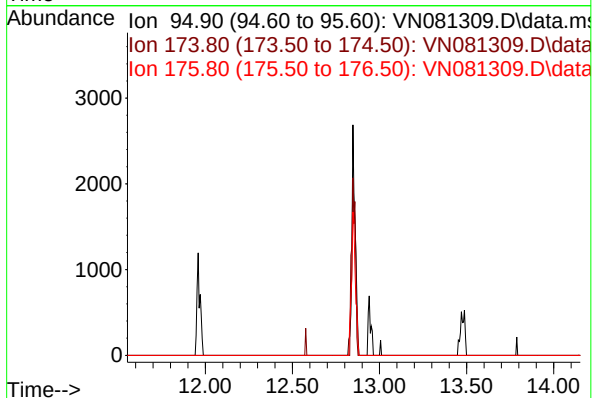
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 60.2
 176 60.5

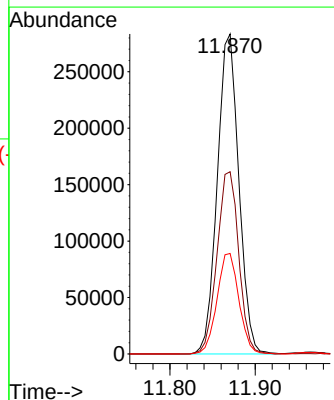
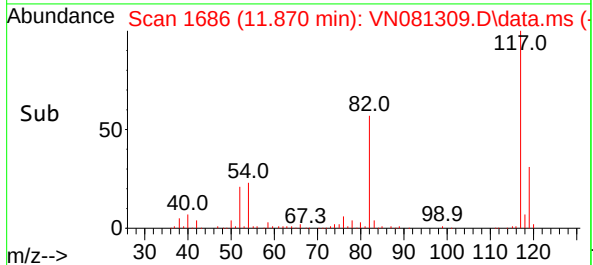
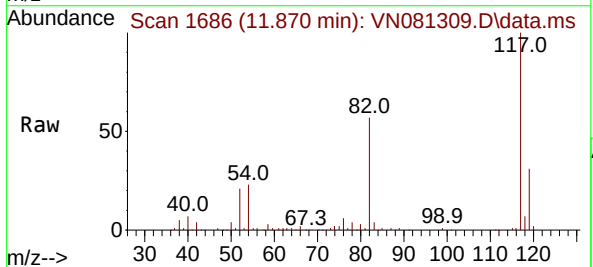
Manual Integrations APPROVED

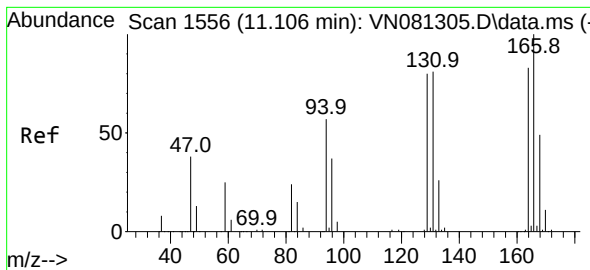
Reviewed By :John Carlone 03/06/2024
 Supervised By :Mahesh Dadoda 03/06/2024



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. -0.000 min
 Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

Tgt Ion:117 Resp: 498404
 Ion Ratio Lower Upper
 117 100
 82 56.9 52.7 79.1
 119 31.4 25.3 37.9





#64

Tetrachloroethene

Concen: 1.029 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:164 Resp: 401

Ion Ratio Lower Upper

164 100

166 98.9 105.8 158.6

129 105.0 89.6 134.4

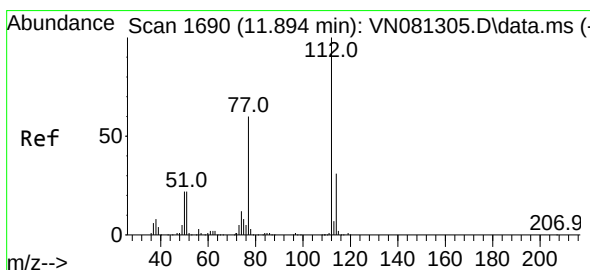
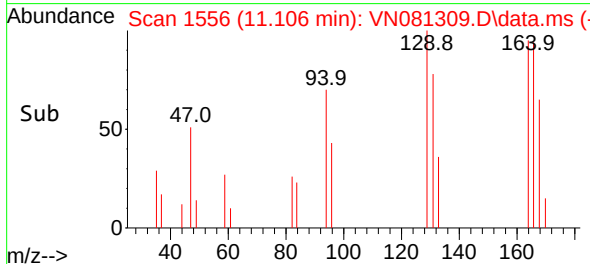
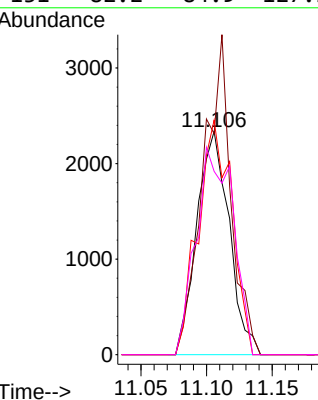
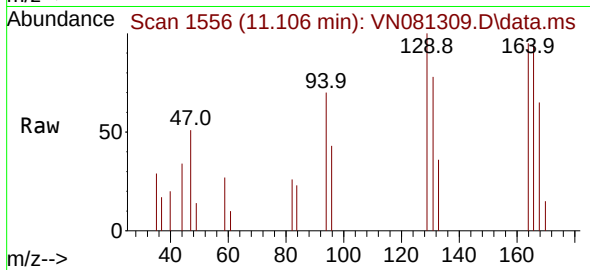
131 82.2 84.9 127.3#

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#65

Chlorobenzene

Concen: 1.015 ug/l

RT: 11.900 min Scan# 1691

Delta R.T. 0.006 min

Lab File: VN081309.D

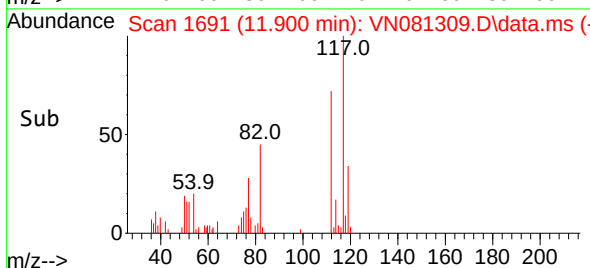
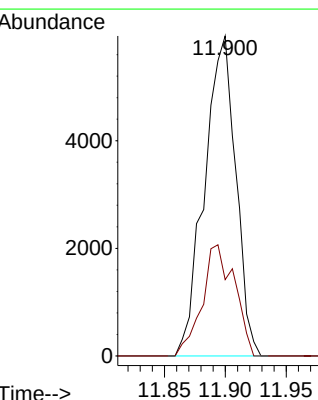
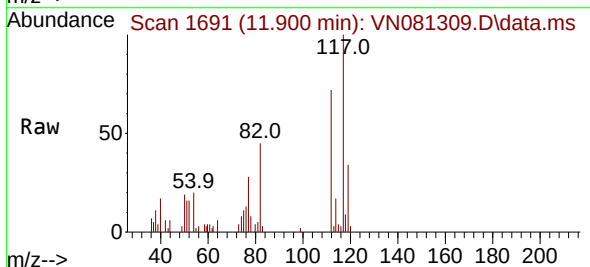
Acq: 05 Mar 2024 13:59

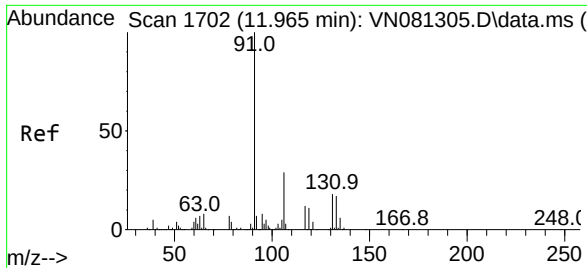
Tgt Ion:112 Resp: 10658

Ion Ratio Lower Upper

112 100

114 23.9 23.7 35.5





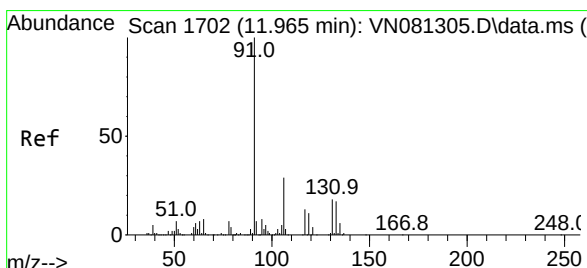
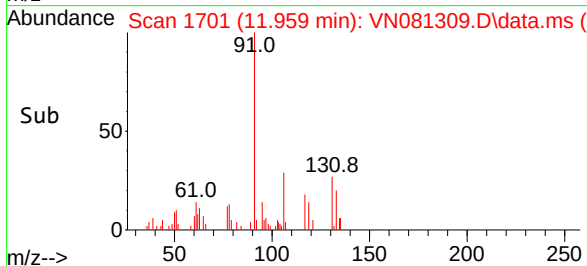
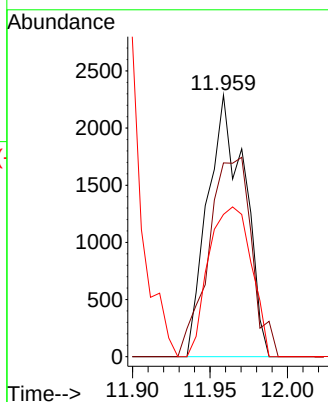
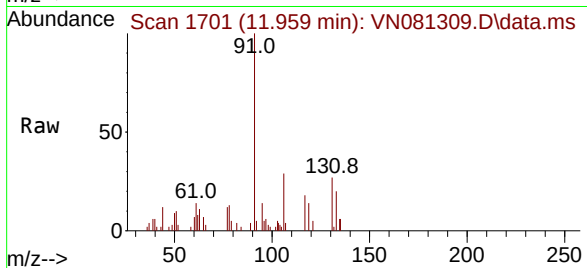
#66
1,1,1,2-Tetrachloroethane
Concen: 0.989 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:131 Resp: 3800
Ion Ratio Lower Upper
131 100
133 88.0 46.8 140.3
119 0.0 34.6 103.9

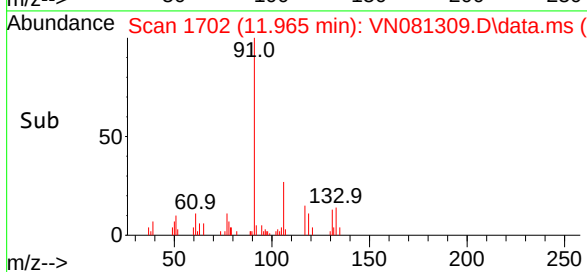
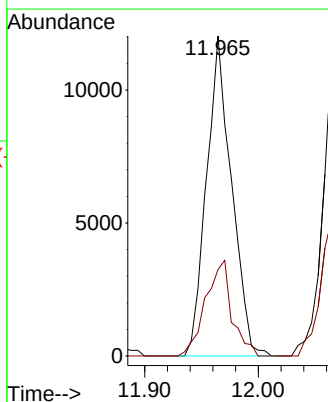
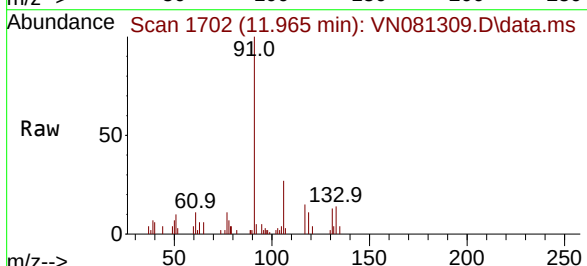
Manual Integrations
APPROVED

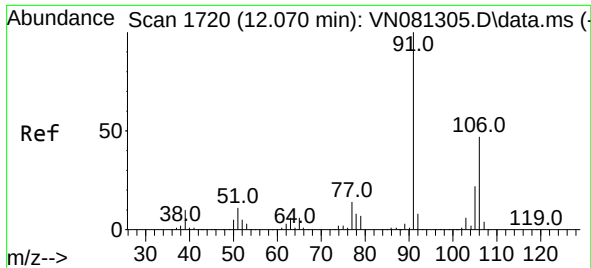
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#67
Ethyl Benzene
Concen: 0.974 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 91 Resp: 18432
Ion Ratio Lower Upper
91 100
106 27.0 23.8 35.6





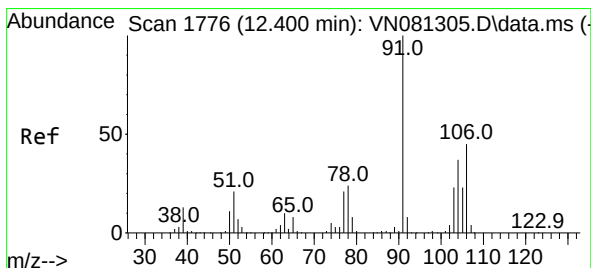
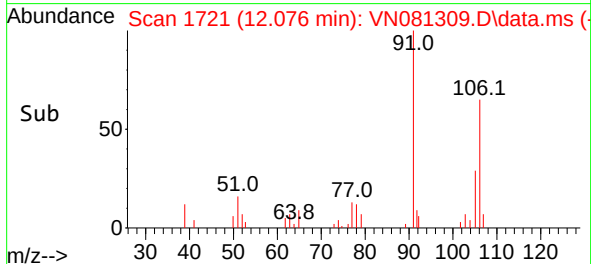
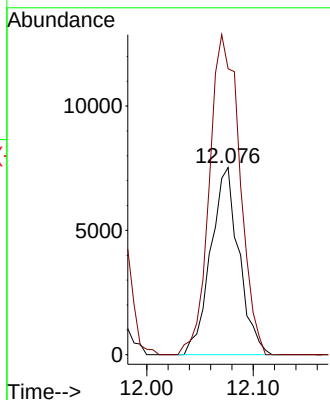
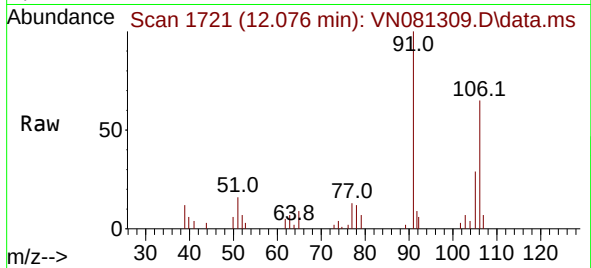
#68
m/p-Xylenes
Concen: 1.946 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 1385
Ion Ratio Lower Upper
106 100
91 184.0 169.0 253.6

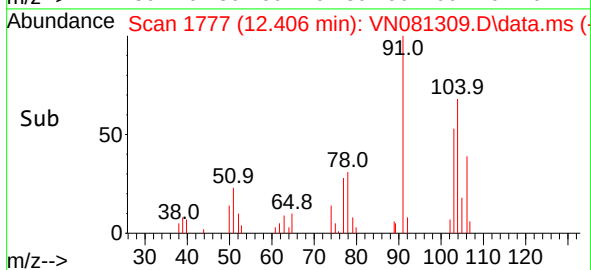
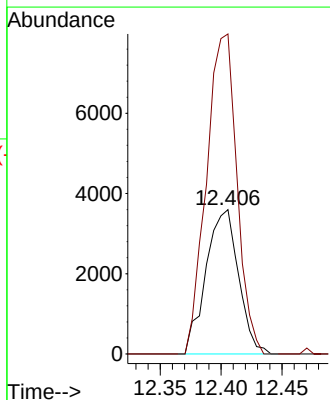
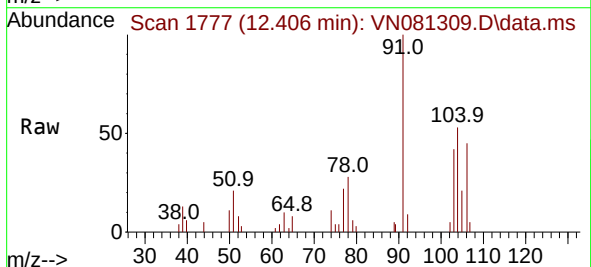
Manual Integrations
APPROVED

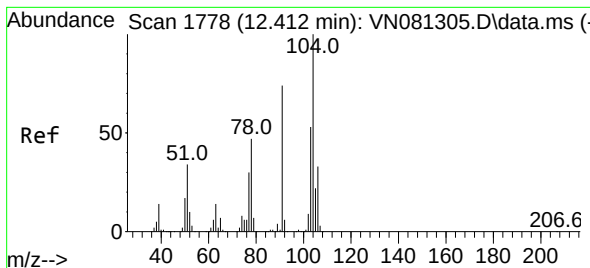
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#69
o-Xylene
Concen: 0.968 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion:106 Resp: 6681
Ion Ratio Lower Upper
106 100
91 208.5 112.1 336.3





#70

Styrene

Concen: 0.839 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

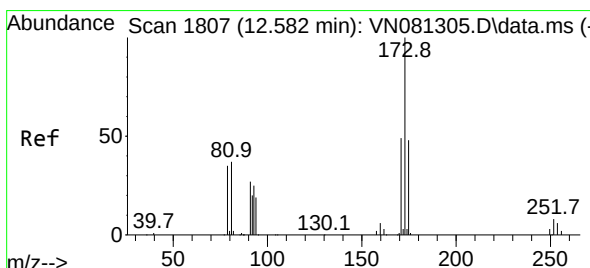
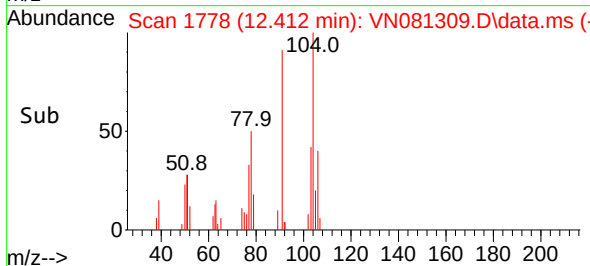
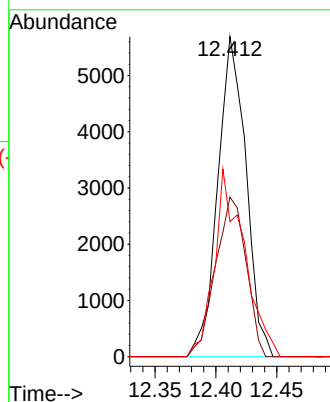
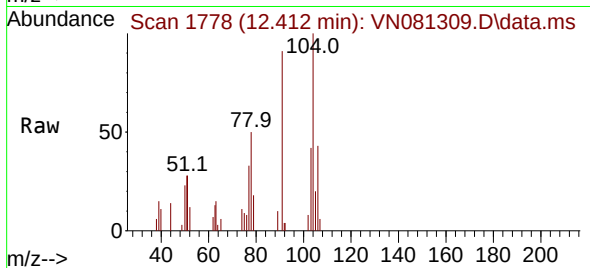
Tgt Ion:	104	Resp:	9180
Ion Ratio	Lower	Upper	
104	100		
78	53.9	43.8	65.8
103	62.1	44.2	66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#71

Bromoform

Concen: 1.049 ug/l

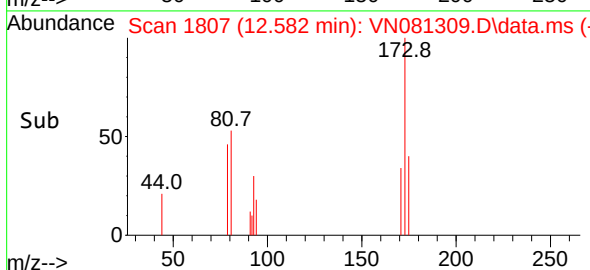
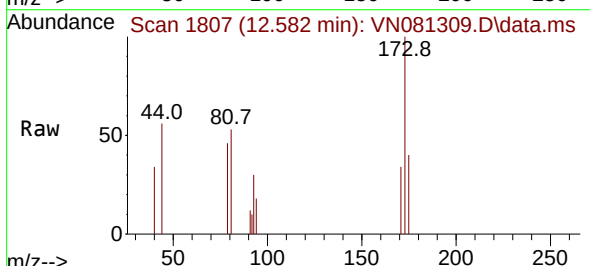
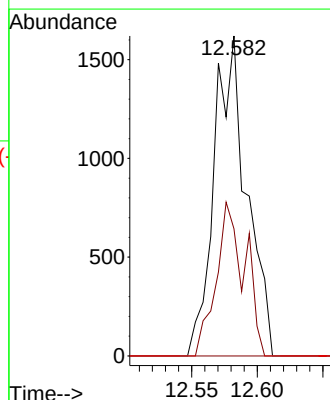
RT: 12.582 min Scan# 1807

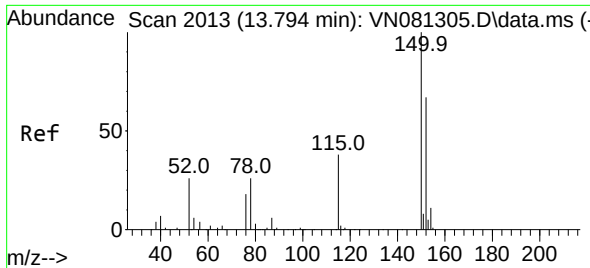
Delta R.T. -0.000 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Tgt Ion:	173	Resp:	2798
Ion Ratio	Lower	Upper	
173	100		
175	42.2	23.1	69.2
254	0.0	0.0	0.0





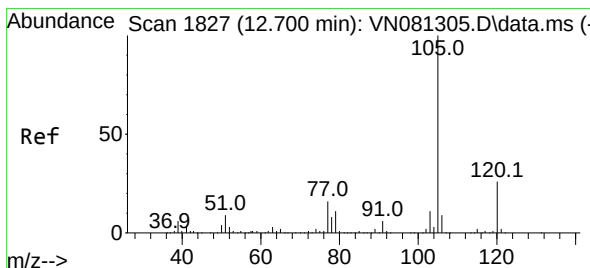
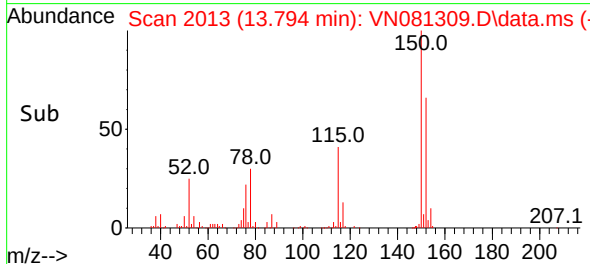
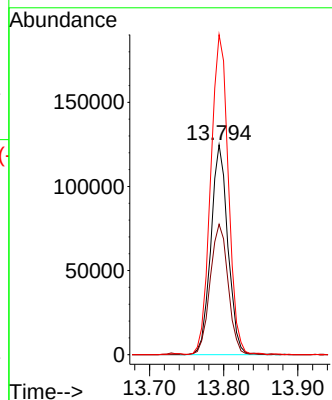
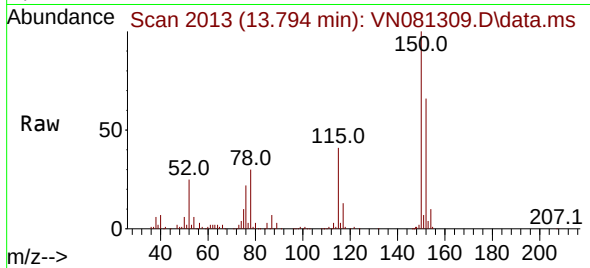
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:152 Resp: 19938
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 157.7 0.0 339.8

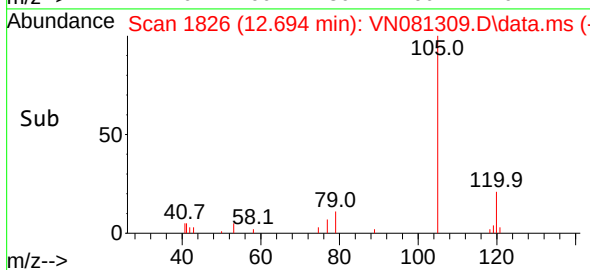
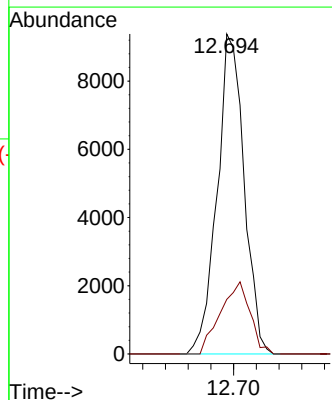
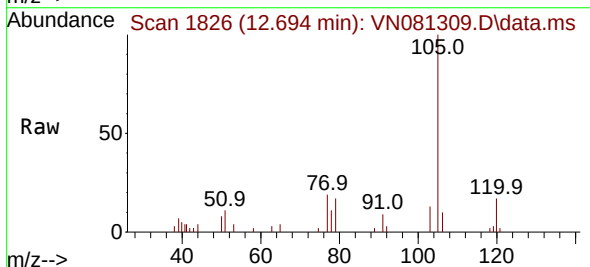
Manual Integrations
APPROVED

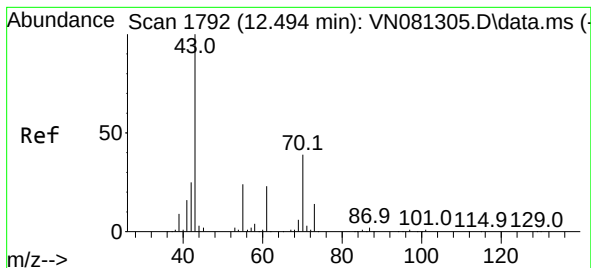
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#73
Isopropylbenzene
Concen: 0.960 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion:105 Resp: 15455
Ion Ratio Lower Upper
105 100
120 24.8 12.6 37.6





#74

N-amy1 acetate

Concen: 0.928 ug/l

RT: 12.500 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 43 Resp: 6270

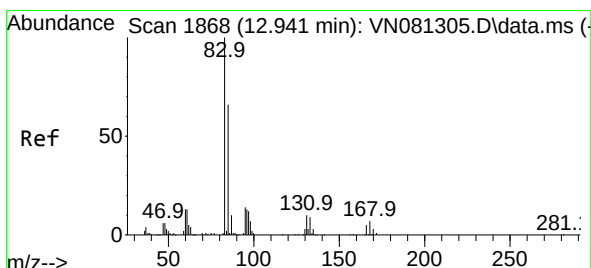
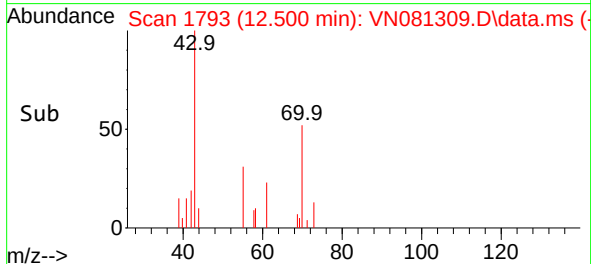
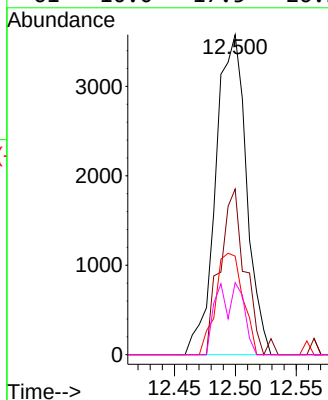
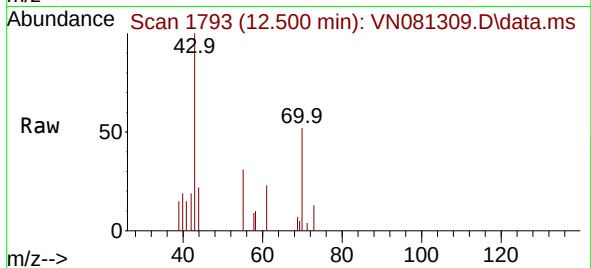
Ion	Ratio	Lower	Upper
43	100		
70	42.8	30.1	45.1
55	28.3	17.0	25.4
61	10.0	17.5	26.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#75

1,1,2,2-Tetrachloroethane

Concen: 1.146 ug/l

RT: 12.941 min Scan# 1868

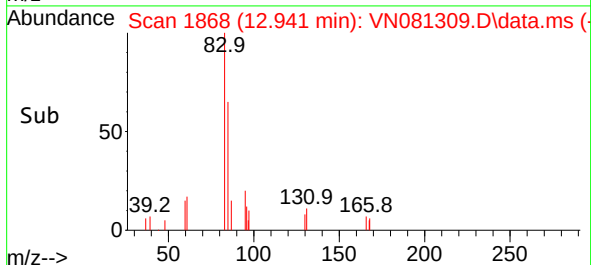
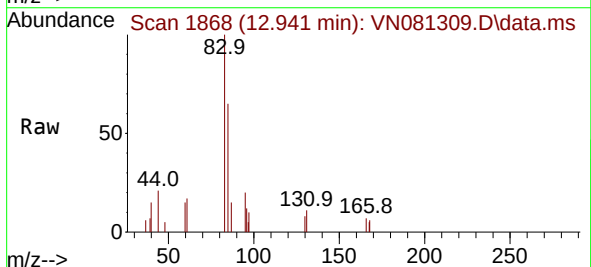
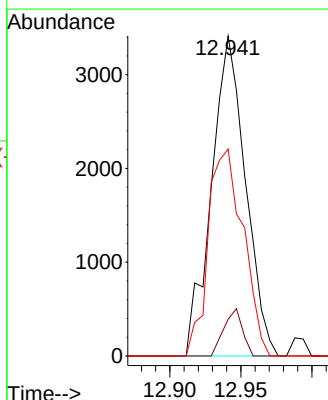
Delta R.T. -0.000 min

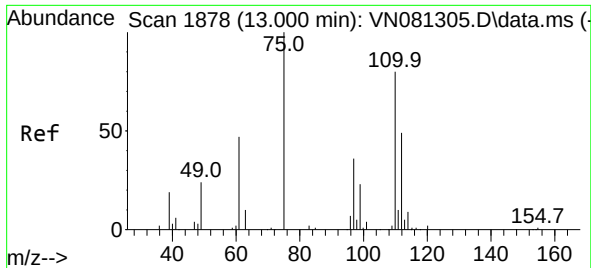
Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Tgt Ion: 83 Resp: 5694

Ion	Ratio	Lower	Upper
83	100		
131	8.0	4.1	12.3
85	66.4	32.1	96.3





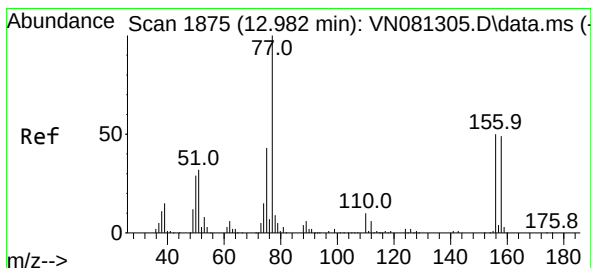
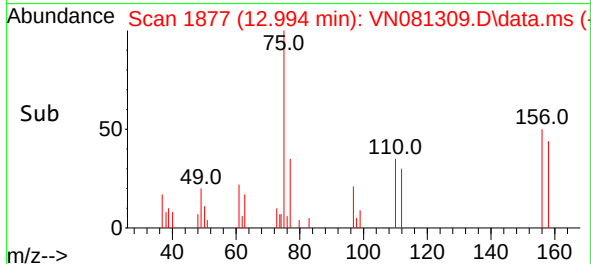
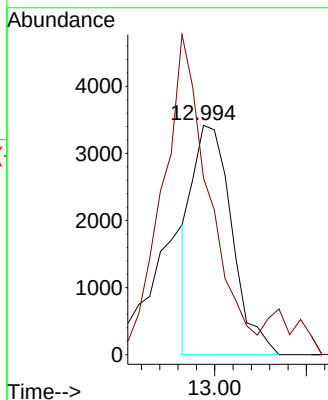
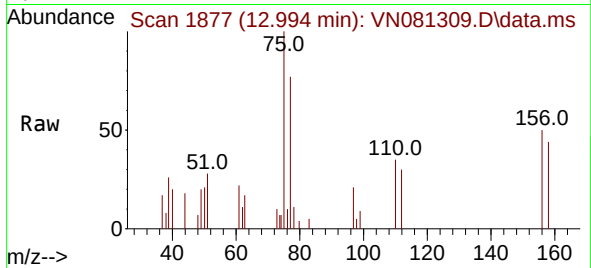
#76
1,2,3-Trichloropropane
Concen: 1.064 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 5139
Ion Ratio Lower Upper
75 100
77 164.1 91.0 272.8

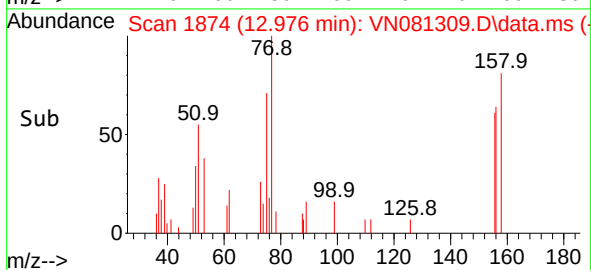
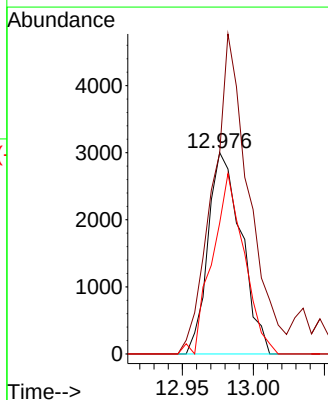
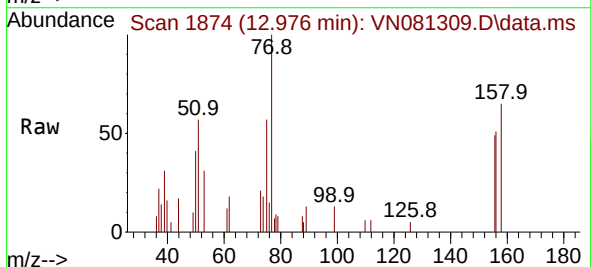
Manual Integrations
APPROVED

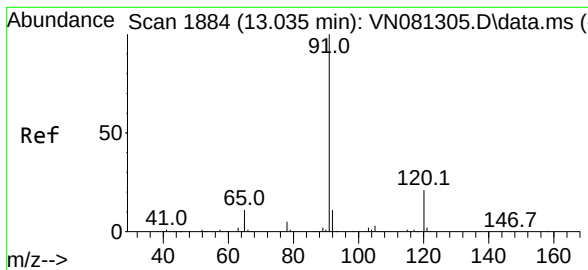
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#77
Bromobenzene
Concen: 1.280 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion:156 Resp: 4887
Ion Ratio Lower Upper
156 100
77 172.5 138.1 414.3
158 85.8 46.5 139.5





#78

n-propylbenzene

Concen: 0.909 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 91 Resp: 1731

Ion Ratio Lower Upper

91 100

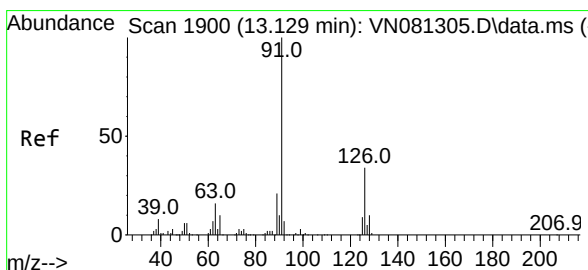
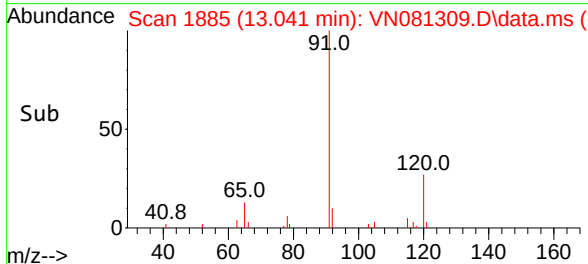
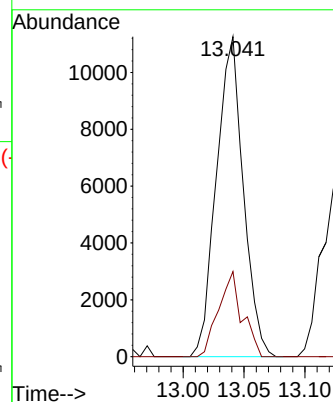
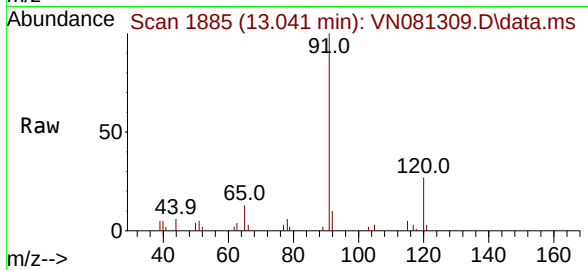
120 23.4 10.3 30.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#79

2-Chlorotoluene

Concen: 1.025 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VN081309.D

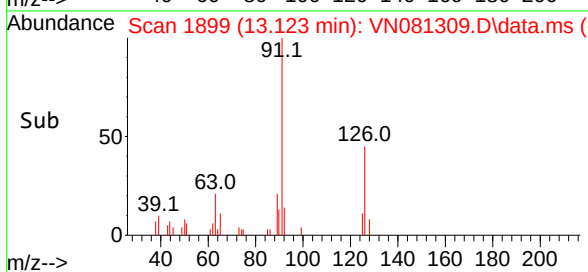
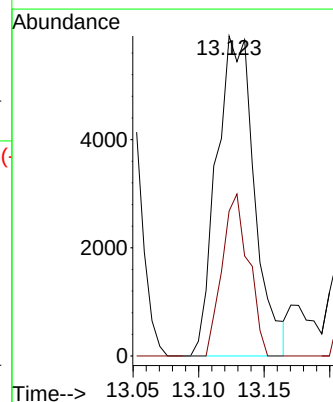
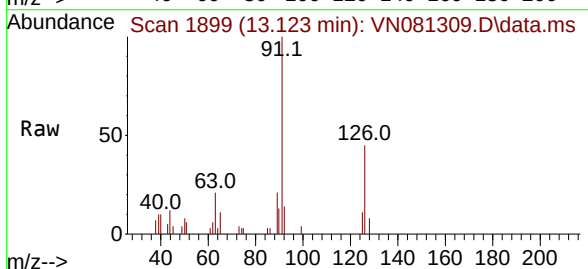
Acq: 05 Mar 2024 13:59

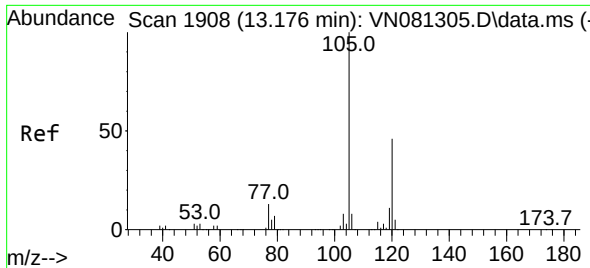
Tgt Ion: 91 Resp: 11934

Ion Ratio Lower Upper

91 100

126 35.4 14.8 44.4





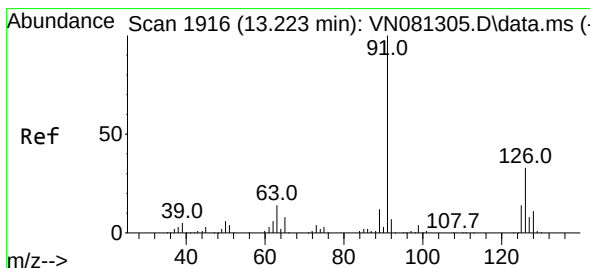
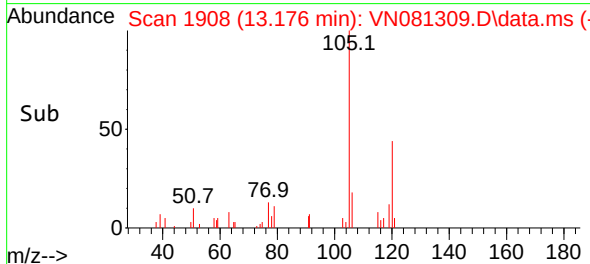
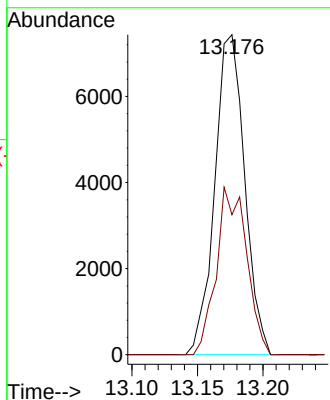
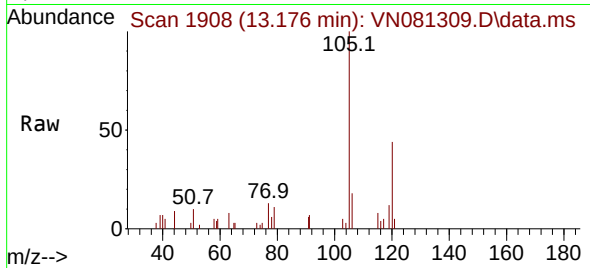
#80
1,3,5-Trimethylbenzene
Concen: 0.886 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:105 Resp: 11790
Ion Ratio Lower Upper
105 100
120 52.8 23.0 69.0

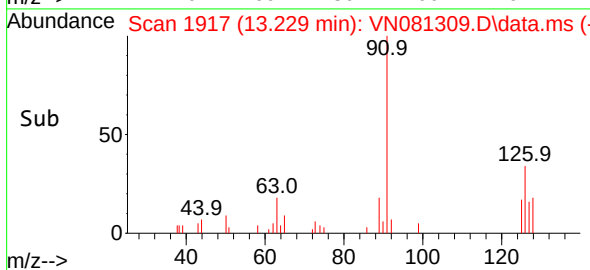
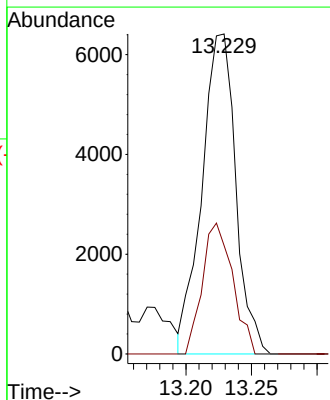
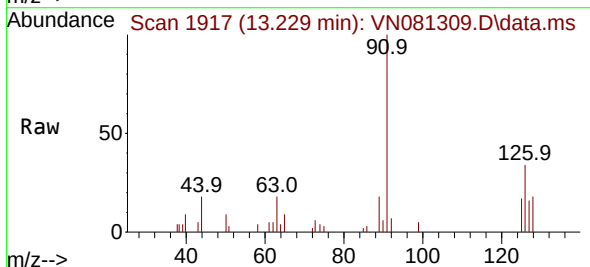
Manual Integrations
APPROVED

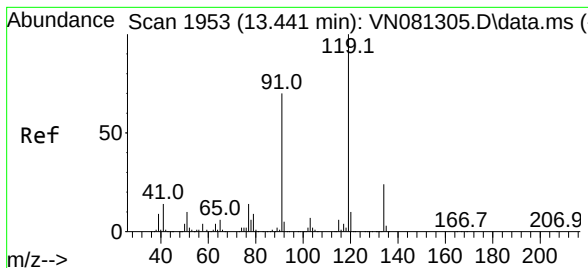
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#82
4-Chlorotoluene
Concen: 1.002 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

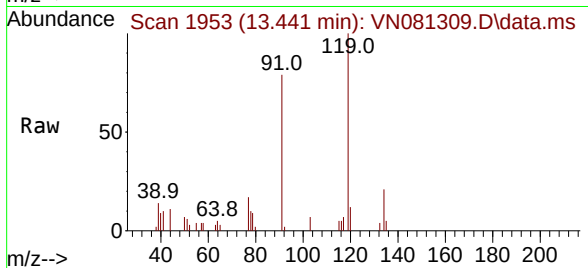
Tgt Ion: 91 Resp: 11526
Ion Ratio Lower Upper
91 100
126 36.6 15.3 45.9





#83
tert-Butylbenzene
Concen: 1.001 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

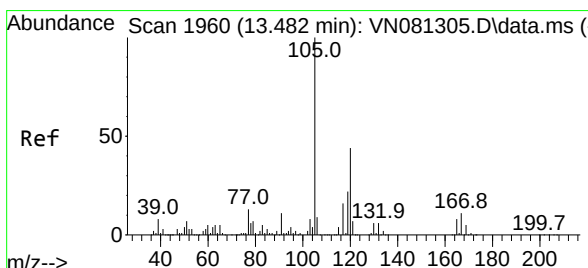
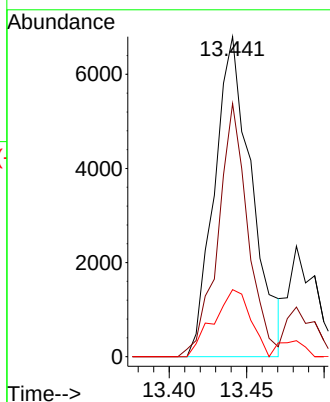
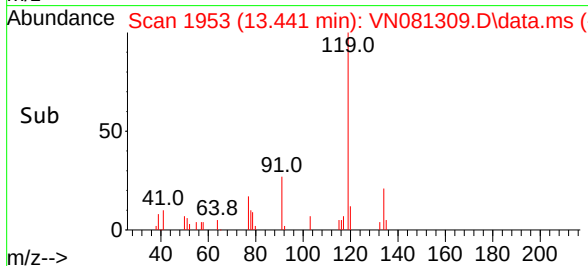
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



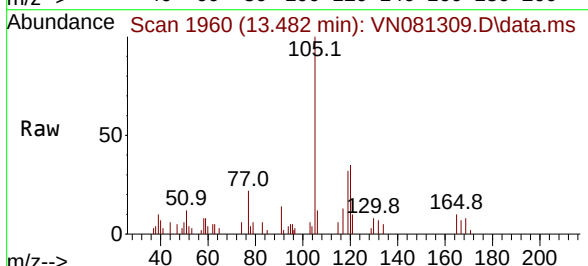
Tgt Ion:119 Resp: 1142
Ion Ratio Lower Upper
119 100
91 63.3 36.8 110.4
134 20.7 12.4 37.4

Manual Integrations
APPROVED

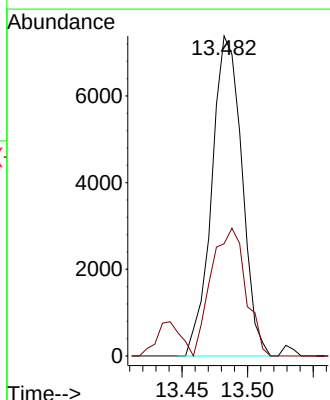
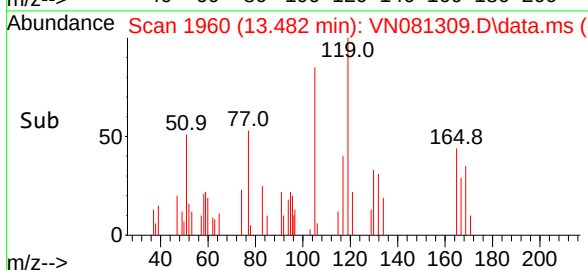
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

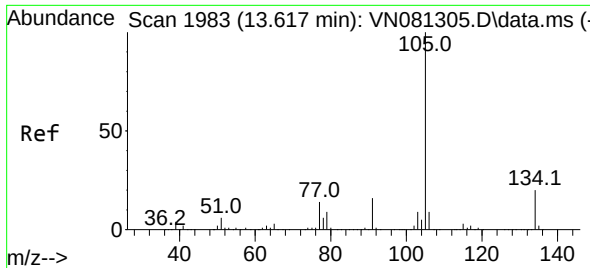


#84
1,2,4-Trimethylbenzene
Concen: 0.876 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59



Tgt Ion:105 Resp: 11816
Ion Ratio Lower Upper
105 100
120 45.8 20.9 62.7





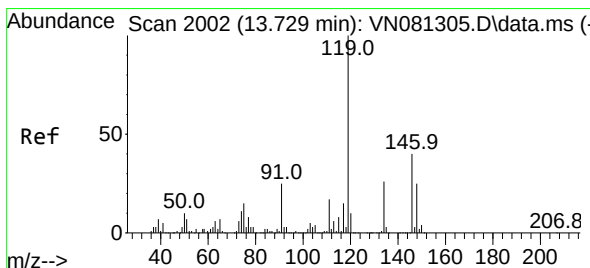
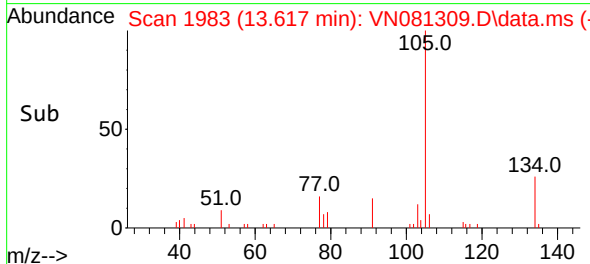
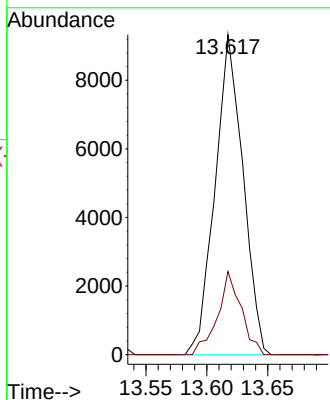
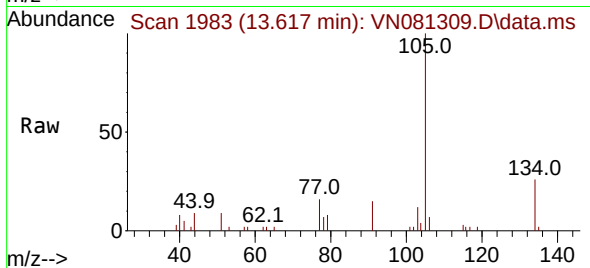
#85
 sec-Butylbenzene
 Concen: 0.902 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 14884
 Ion Ratio Lower Upper
 105 100
 134 22.0 8.6 25.8

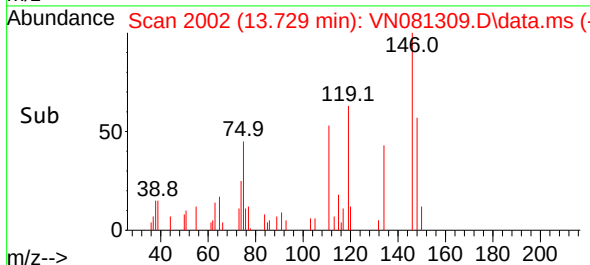
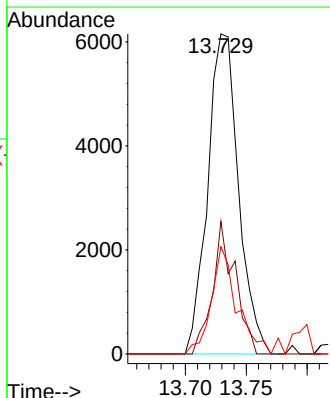
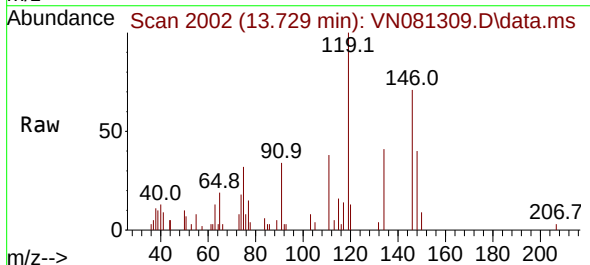
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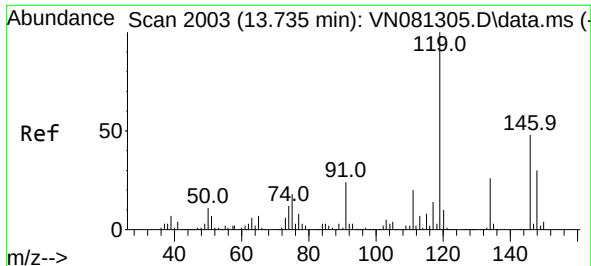
Reviewed By :John Carbone 03/06/2024
 Supervised By :Mahesh Dadoda 03/06/2024



#86
 p-Isopropyltoluene
 Concen: 0.818 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081309.D
 Acq: 05 Mar 2024 13:59

Tgt Ion:119 Resp: 10823
 Ion Ratio Lower Upper
 119 100
 134 30.4 12.4 37.2
 91 27.8 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 1.177 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

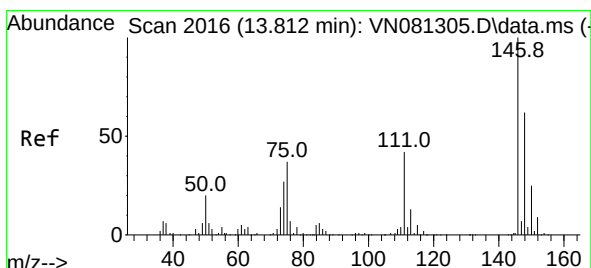
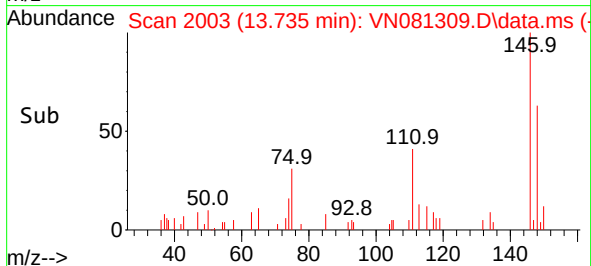
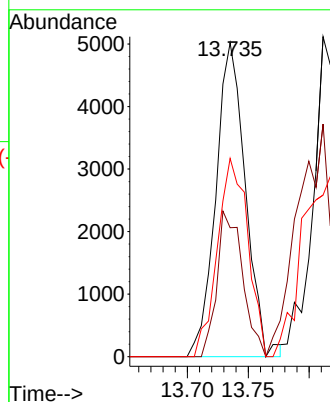
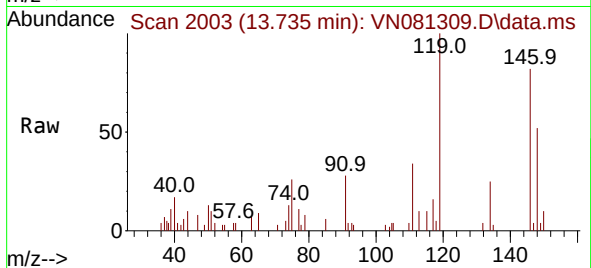
Tgt Ion:	146	Resp:	848
Ion Ratio	Lower	Upper	
146	100		
111	40.1	23.9	71.7
148	65.1	32.6	97.7

Manual Integrations

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Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#88

1,4-Dichlorobenzene

Concen: 1.146 ug/l m

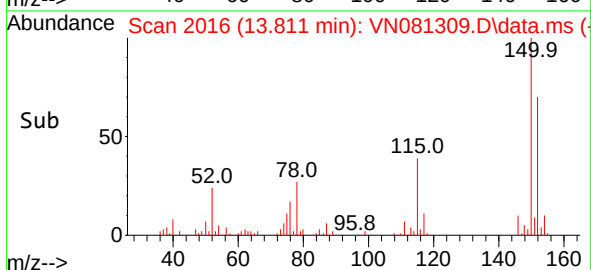
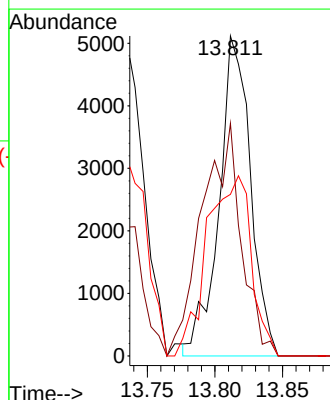
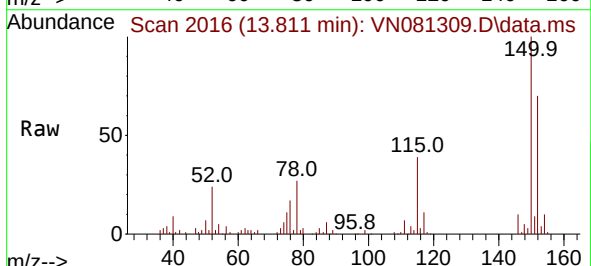
RT: 13.811 min Scan# 2016

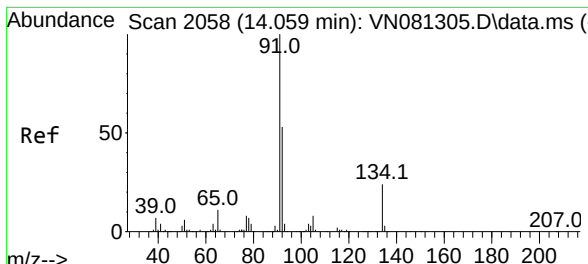
Delta R.T. -0.000 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Tgt Ion:	146	Resp:	8253
Ion Ratio	Lower	Upper	
146	100		
111	41.2	22.6	67.7
148	66.9	31.9	95.5





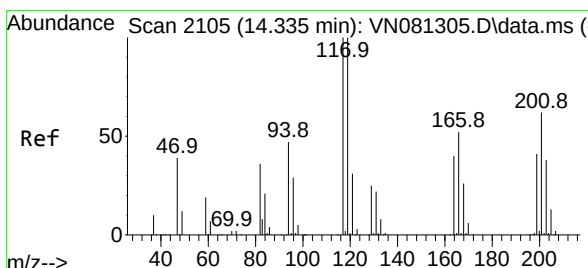
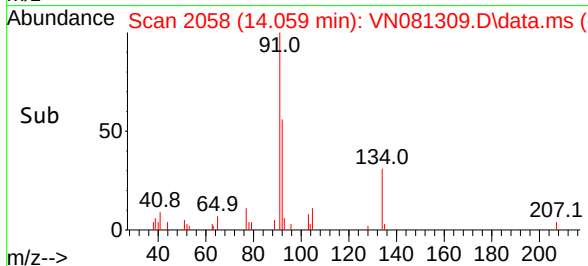
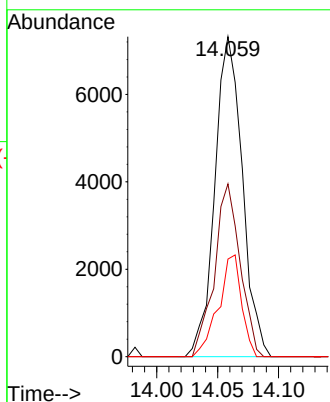
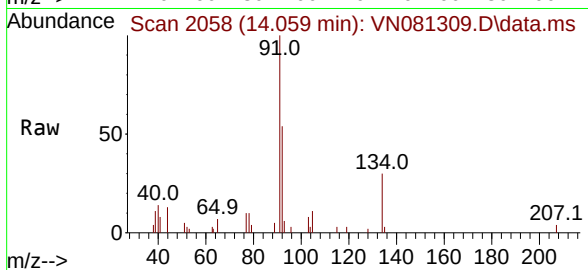
#89
n-Butylbenzene
Concen: 0.949 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91	Resp: 1152
Ion Ratio	Lower Upper
91	100
92	50.5 26.7 80.1
134	26.8 10.8 32.4

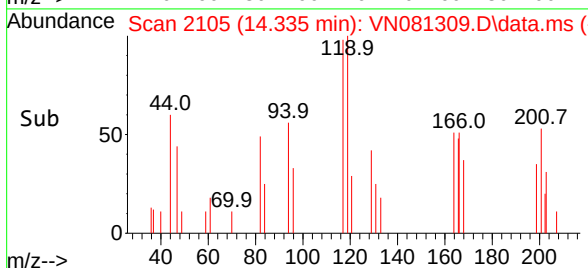
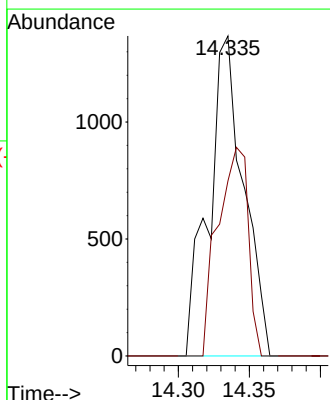
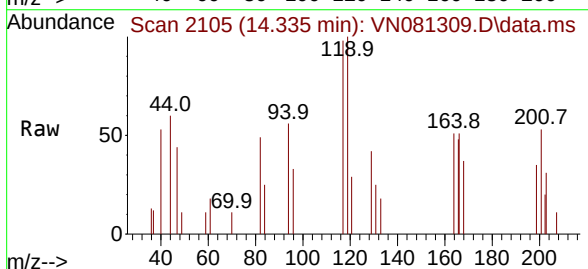
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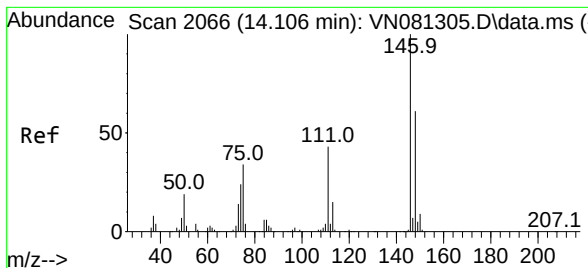
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#90
Hexachloroethane
Concen: 1.007 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 117	Resp: 2334
Ion Ratio	Lower Upper
117	100
201	56.9 30.0 90.0





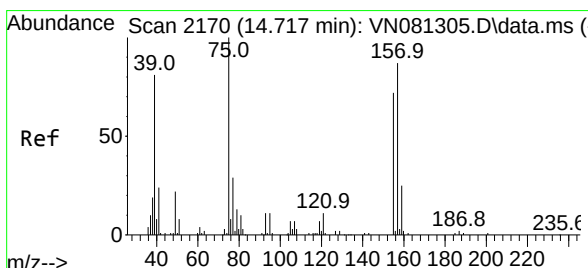
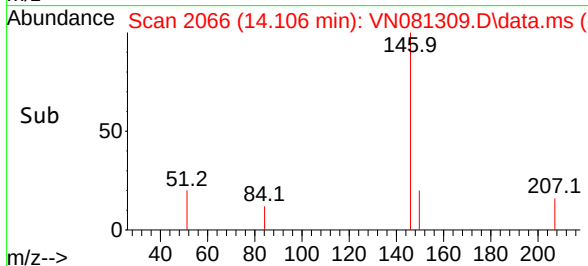
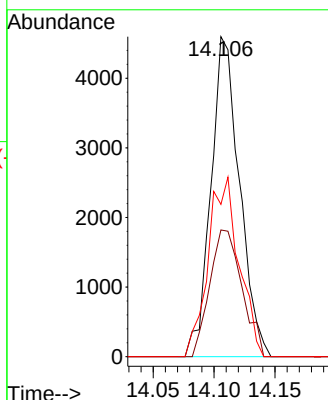
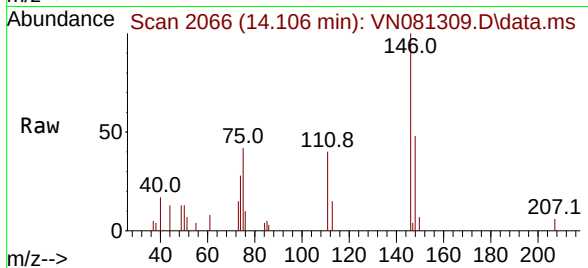
#91
1,2-Dichlorobenzene
Concen: 1.088 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 752.0
Ion Ratio Lower Upper
146 100
111 44.6 23.9 71.8
148 60.5 31.4 94.0

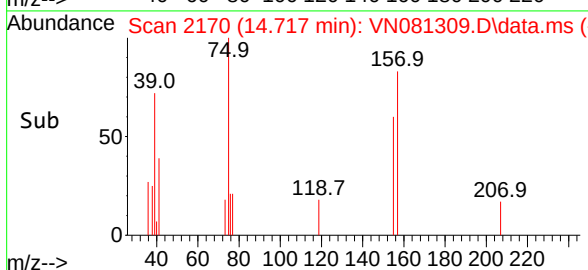
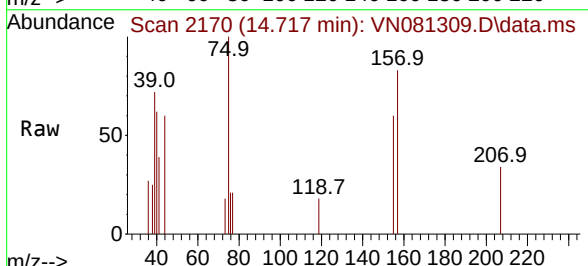
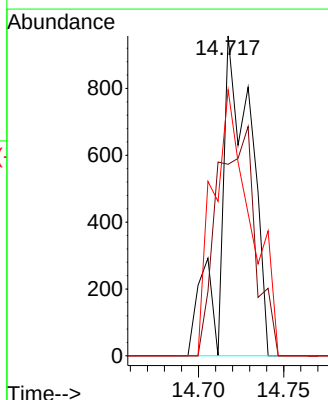
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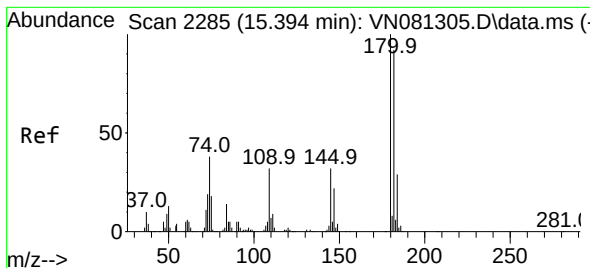
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.124 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

Tgt Ion: 75 Resp: 1195
Ion Ratio Lower Upper
75 100
155 88.6 31.8 95.4
157 101.5 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 1.075 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

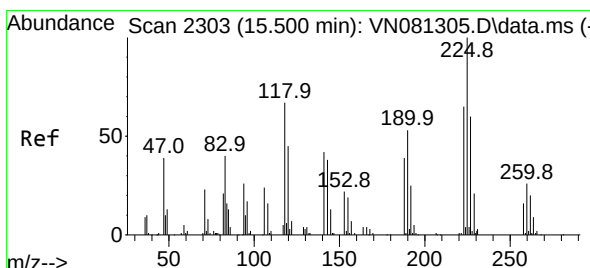
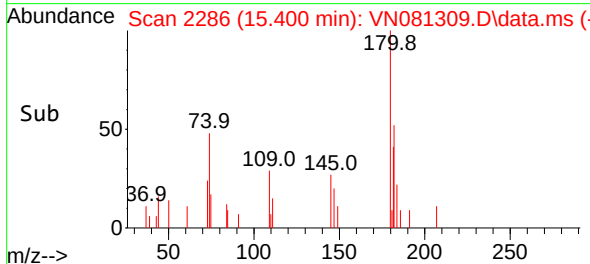
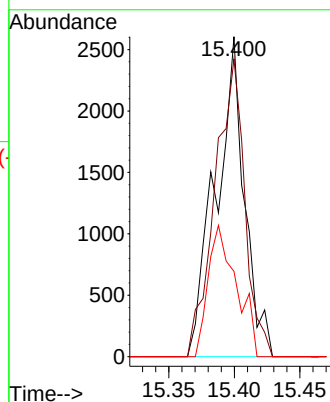
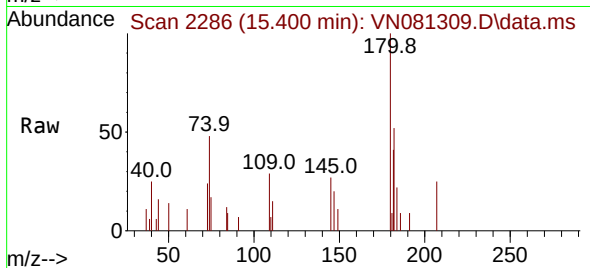
Tgt Ion:	180	Resp:	397
Ion Ratio	Lower	Upper	
180	100		
182	96.5	46.6	139.7
145	40.4	16.8	50.3

Manual Integrations

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Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#94

Hexachlorobutadiene

Concen: 1.226 ug/l

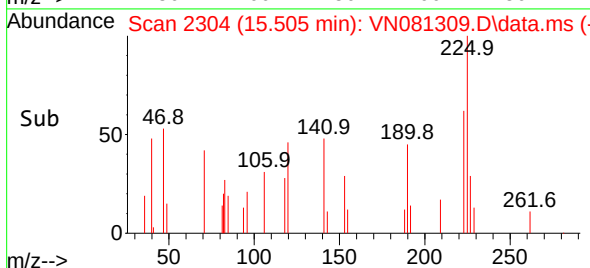
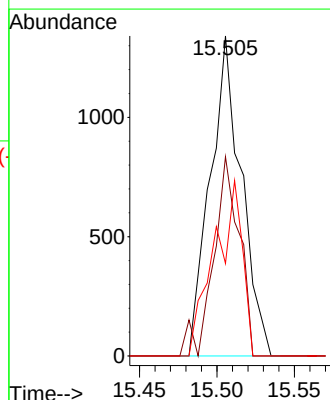
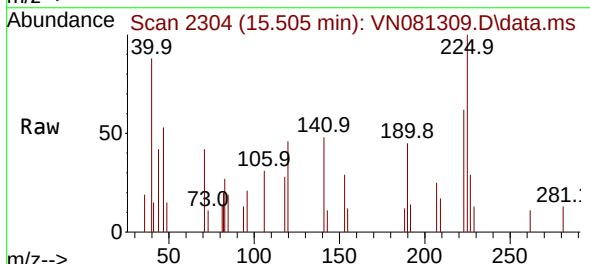
RT: 15.505 min Scan# 2304

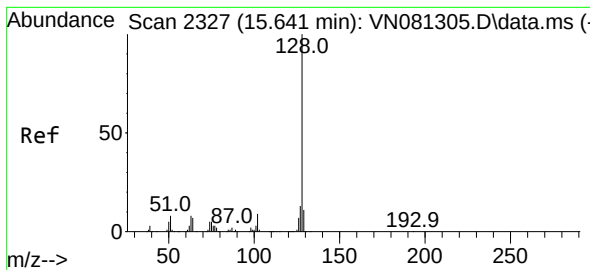
Delta R.T. 0.006 min

Lab File: VN081309.D

Acq: 05 Mar 2024 13:59

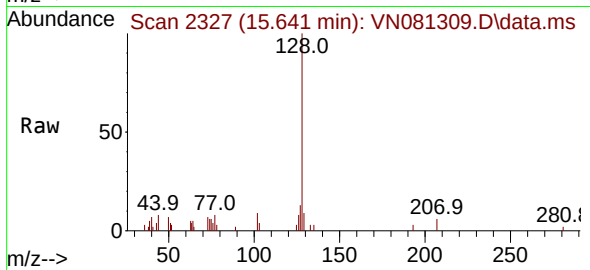
Tgt Ion:	225	Resp:	1873
Ion Ratio	Lower	Upper	
225	100		
223	51.6	33.3	99.8
227	49.3	33.1	99.2





#95
Naphthalene
Concen: 0.976 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59

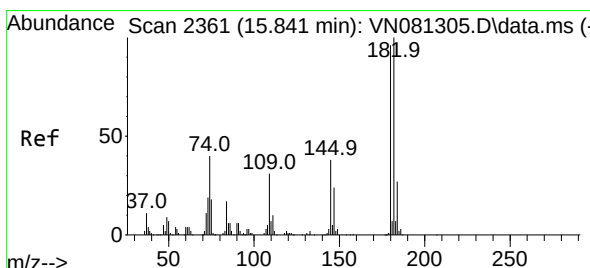
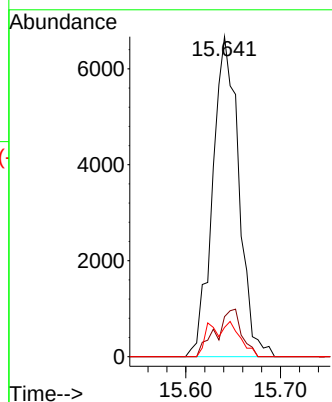
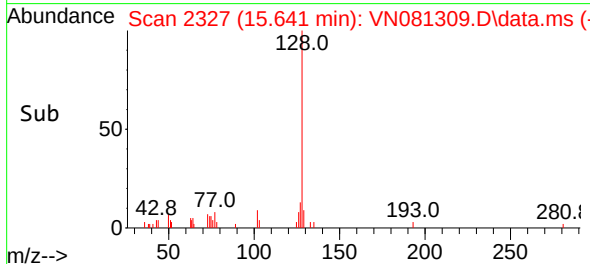
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



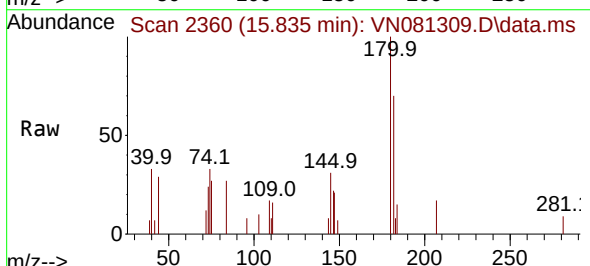
Tgt Ion:128 Resp: 12832
Ion Ratio Lower Upper
128 100
127 14.5 10.0 15.0
129 7.2 8.7 13.1

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Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#96
1,2,3-Trichlorobenzene
Concen: 1.103 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN081309.D
Acq: 05 Mar 2024 13:59



Tgt Ion:180 Resp: 4135
Ion Ratio Lower Upper
180 100
182 91.6 46.5 139.3
145 42.4 17.8 53.4

