

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031824\
 Data File : VN081456.D
 Acq On : 18 Mar 2024 17:38
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 19 05:45:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 05:35:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	413935	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	723216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	647408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	290444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	28389	5.378	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.760%#		
35) Dibromofluoromethane	8.171	113	23472	5.143	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.280%#		
50) Toluene-d8	10.565	98	82349	4.991	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.980%#		
62) 4-Bromofluorobenzene	12.847	95	27567	4.742	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	9.480%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	27373	4.911	ug/l	89
3) Chloromethane	2.365	50	28452	5.127	ug/l	100
4) Vinyl Chloride	2.518	62	31039	4.984	ug/l	# 83
5) Bromomethane	2.947	94	25247	5.732	ug/l	81
6) Chloroethane	3.112	64	21642	5.061	ug/l	# 82
7) Trichlorofluoromethane	3.494	101	48162	5.189	ug/l	92
8) Diethyl Ether	3.965	74	15002	4.884	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	27282	5.173	ug/l	# 81
10) Methyl Iodide	4.583	142	23207	4.419	ug/l	# 96
11) Tert butyl alcohol	5.524	59	22925	24.921	ug/l	100
12) 1,1-Dichloroethene	4.347	96	23625	4.836	ug/l	84
13) Acrolein	4.177	56	21513	26.062	ug/l	94
14) Allyl chloride	5.024	41	30272	4.945	ug/l	# 81
15) Acrylonitrile	5.730	53	60465	24.569	ug/l	98
16) Acetone	4.436	43	41783	24.492	ug/l	97
17) Carbon Disulfide	4.706	76	69639	4.968	ug/l	98
18) Methyl Acetate	5.018	43	24326	4.625	ug/l	# 79
19) Methyl tert-butyl Ether	5.788	73	73184	4.787	ug/l	# 88
20) Methylene Chloride	5.271	84	29708	5.316	ug/l	# 74
21) trans-1,2-Dichloroethene	5.783	96	27963	5.134	ug/l	84
22) Diisopropyl ether	6.671	45	67350	4.735	ug/l	# 85
23) Vinyl Acetate	6.606	43	276771	24.447	ug/l	# 89
24) 1,1-Dichloroethane	6.565	63	46640	4.896	ug/l	93
25) 2-Butanone	7.482	43	70256	24.010	ug/l	# 89
26) 2,2-Dichloropropane	7.494	77	40509	4.903	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	30431	4.938	ug/l	83
28) Bromochloromethane	7.812	49	21540	5.551	ug/l	# 56
29) Tetrahydrofuran	7.841	42	47587	24.141	ug/l	# 80
30) Chloroform	7.965	83	52140	5.113	ug/l	# 83
31) Cyclohexane	8.259	56	48402	5.635	ug/l	# 70
32) 1,1,1-Trichloroethane	8.165	97	45766	4.946	ug/l	87
36) 1,1-Dichloropropene	8.371	75	36742	4.783	ug/l	94
37) Ethyl Acetate	7.565	43	31617	4.807	ug/l	# 94
38) Carbon Tetrachloride	8.359	117	39145	4.652	ug/l	94
39) Methylcyclohexane	9.600	83	40669	4.741	ug/l	86
40) Benzene	8.606	78	104859	4.670	ug/l	99

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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 Supervised By : Mahesh Dadoda 03/19/2024

Quant Time: Mar 19 05:45:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 05:35:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	15555	4.472	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	38441	4.864	ug/l	100
43) Isopropyl Acetate	8.688	43	52549	4.820	ug/l #	90
44) Trichloroethene	9.359	130	31178	4.936	ug/l	82
45) 1,2-Dichloropropane	9.623	63	25827	4.746	ug/l	98
46) Dibromomethane	9.706	93	20387	4.933	ug/l #	86
47) Bromodichloromethane	9.888	83	38112	4.716	ug/l #	95
48) Methyl methacrylate	9.682	41	22809	4.536	ug/l #	83
49) 1,4-Dioxane	9.694	88	12483	103.296	ug/l #	69
51) 4-Methyl-2-Pentanone	10.447	43	155771	23.415	ug/l	92
52) Toluene	10.629	92	67670	4.741	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	39230	4.496	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	43921	4.695	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	28707	4.998	ug/l #	87
56) Ethyl methacrylate	10.876	69	33968	4.892	ug/l	88
57) 1,3-Dichloropropane	11.165	76	45563	4.839	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	99687	27.581	ug/l #	88
59) 2-Hexanone	11.194	43	113142	23.003	ug/l	94
60) Dibromochloromethane	11.359	129	28747	4.551	ug/l	97
61) 1,2-Dibromoethane	11.470	107	28020	4.785	ug/l	96
64) Tetrachloroethene	11.100	164	30701	4.961	ug/l #	81
65) Chlorobenzene	11.894	112	73468	4.800	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	25896	4.565	ug/l	96
67) Ethyl Benzene	11.965	91	122827	4.620	ug/l	97
68) m/p-Xylenes	12.070	106	89511	8.981	ug/l	98
69) o-Xylene	12.400	106	45563	4.657	ug/l	91
70) Styrene	12.412	104	68505	4.341	ug/l	96
71) Bromoform	12.582	173	19371	4.545	ug/l #	99
73) Isopropylbenzene	12.700	105	113978	4.604	ug/l	97
74) N-amyl acetate	12.494	43	39838	4.446	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	36179	4.970	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	35283m	5.090	ug/l	
77) Bromobenzene	12.982	156	30102	4.922	ug/l	66
78) n-propylbenzene	13.035	91	132615	4.536	ug/l	96
79) 2-Chlorotoluene	13.129	91	78413	4.481	ug/l	87
80) 1,3,5-Trimethylbenzene	13.176	105	92784	4.537	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.747	75	11397	4.433	ug/l #	82
82) 4-Chlorotoluene	13.223	91	82354	4.773	ug/l	92
83) tert-Butylbenzene	13.441	119	81070	4.597	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	94039	4.576	ug/l	95
85) sec-Butylbenzene	13.617	105	112481	4.462	ug/l	90
86) p-Isopropyltoluene	13.729	119	90807	4.407	ug/l	95
87) 1,3-Dichlorobenzene	13.729	146	52623	4.683	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	56781	4.880	ug/l	99
89) n-Butylbenzene	14.059	91	80550	4.408	ug/l	95
90) Hexachloroethane	14.335	117	18257	4.678	ug/l	93
91) 1,2-Dichlorobenzene	14.111	146	49562	4.583	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	7183	4.637	ug/l	77
93) 1,2,4-Trichlorobenzene	15.394	180	26992	4.316	ug/l	97
94) Hexachlorobutadiene	15.505	225	12049	4.391	ug/l	95
95) Naphthalene	15.647	128	82067	4.050	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	27868	4.430	ug/l	94

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Acq On : 18 Mar 2024 17:38
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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

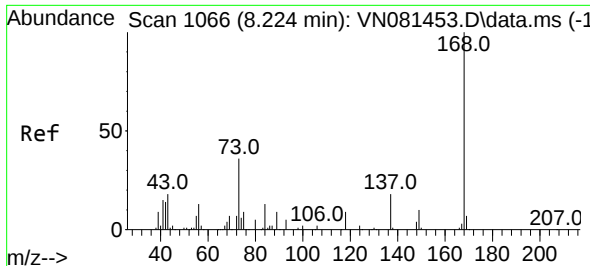
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

Quant Time: Mar 19 05:45:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 05:35:05 2024
Response via : Initial Calibration

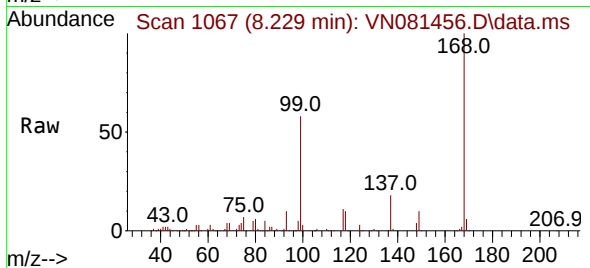
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081456.D
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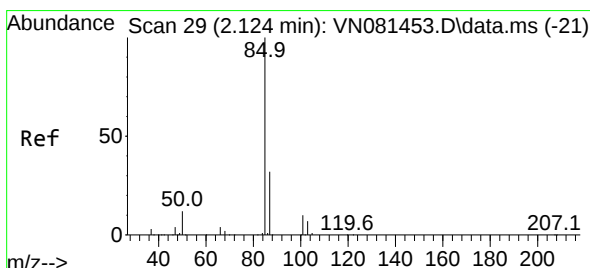
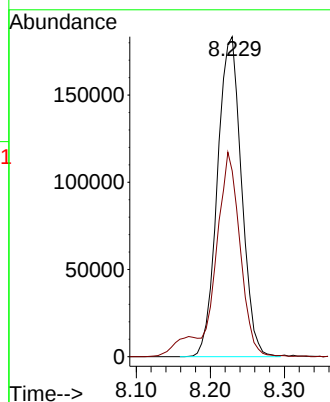
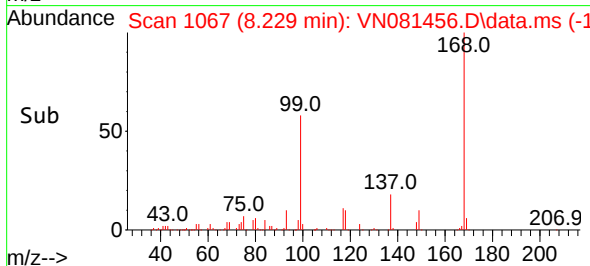
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 41393
Ion Ratio Lower Upper
168 100
99 57.7 59.9 89.9

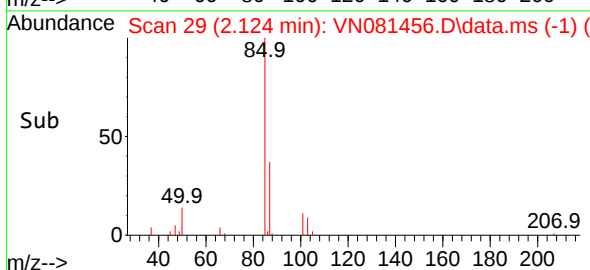
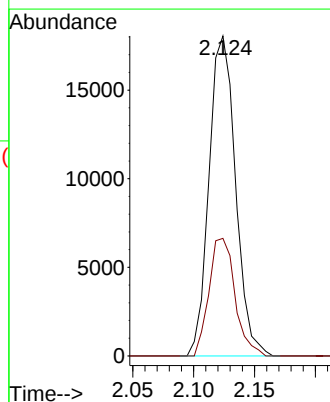
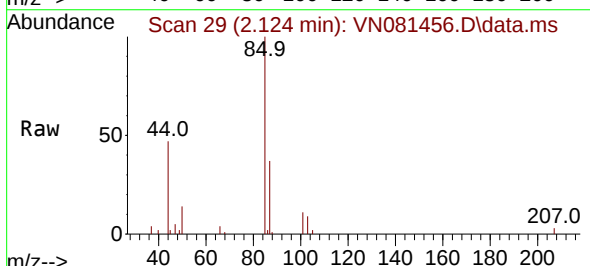
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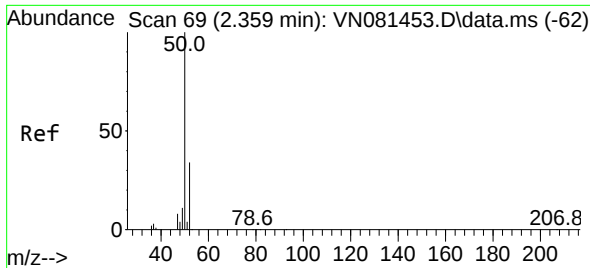
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#2
Dichlorodifluoromethane
Concen: 4.911 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Tgt Ion: 85 Resp: 27373
Ion Ratio Lower Upper
85 100
87 36.8 15.3 45.9





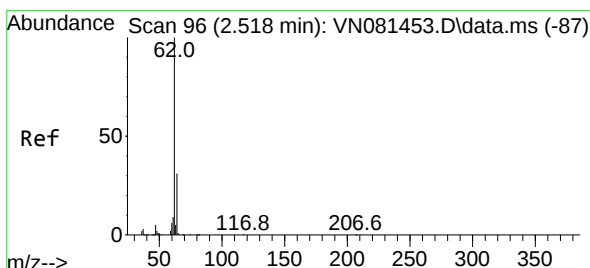
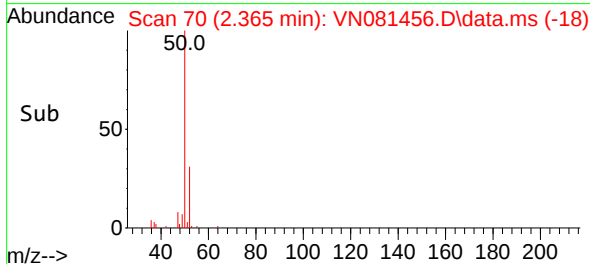
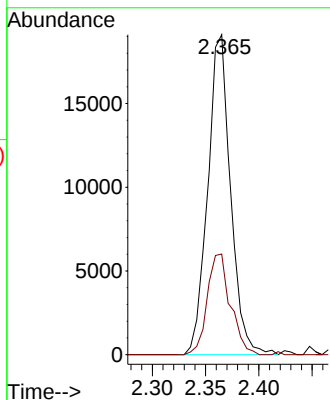
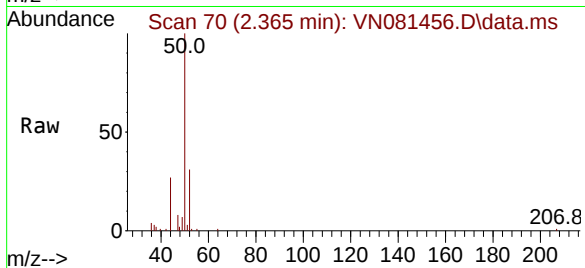
#3
Chloromethane
Concen: 5.127 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 2845
Ion Ratio Lower Upper
50 100
52 31.5 25.0 37.4

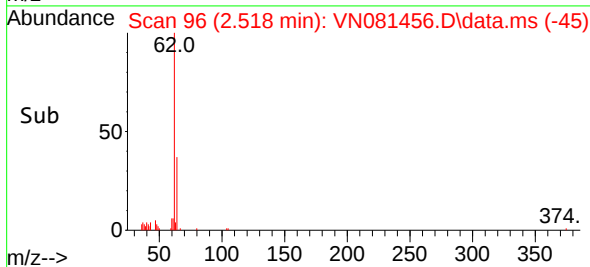
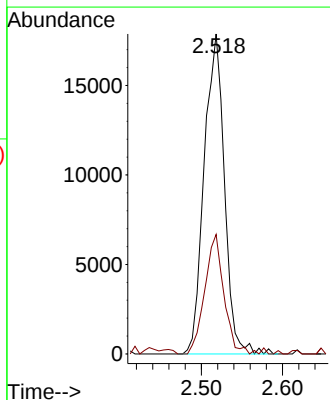
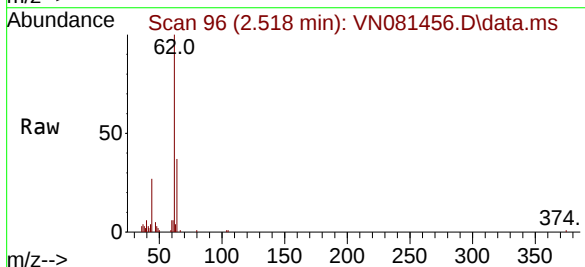
Manual Integrations
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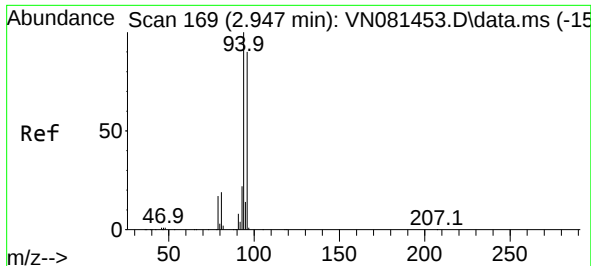
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#4
Vinyl Chloride
Concen: 4.984 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Tgt Ion: 62 Resp: 31039
Ion Ratio Lower Upper
62 100
64 37.3 22.7 34.1#





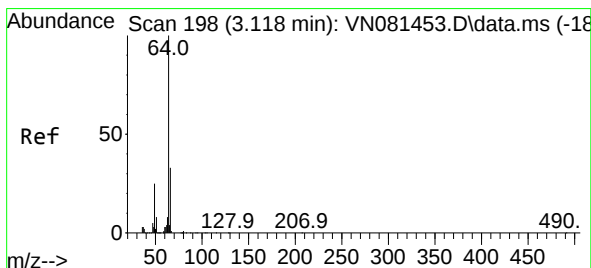
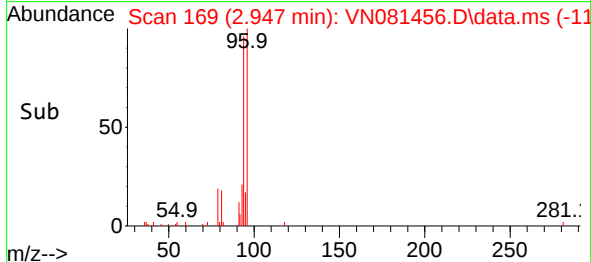
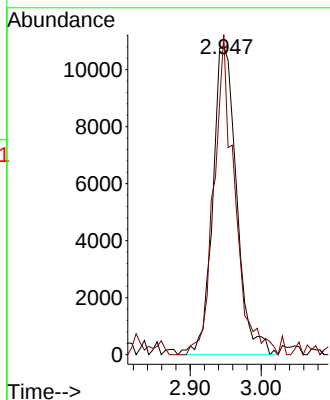
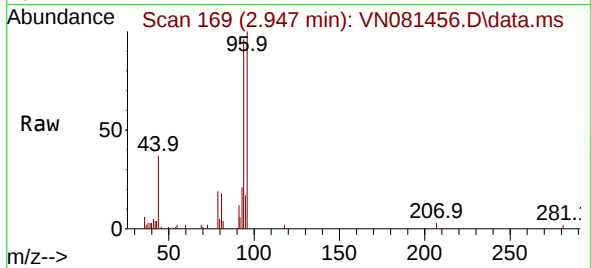
#5
Bromomethane
Concen: 5.732 ug/l
RT: 2.947 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 2524
Ion Ratio Lower Upper
94 100
96 103.7 69.2 103.8

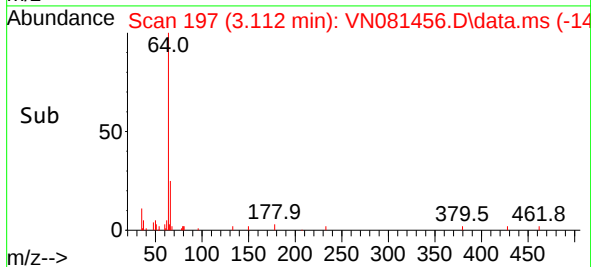
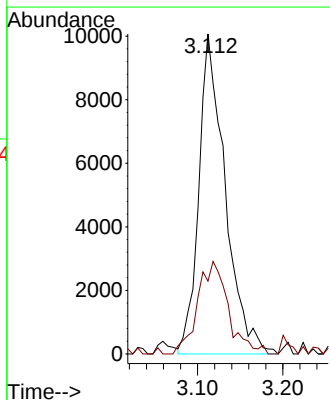
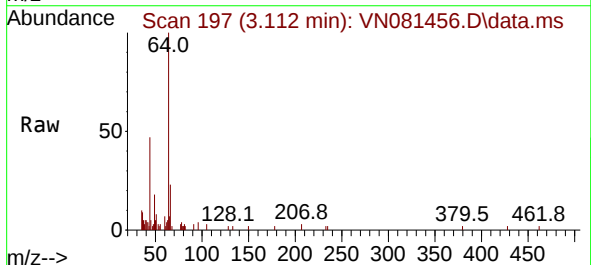
Manual Integrations
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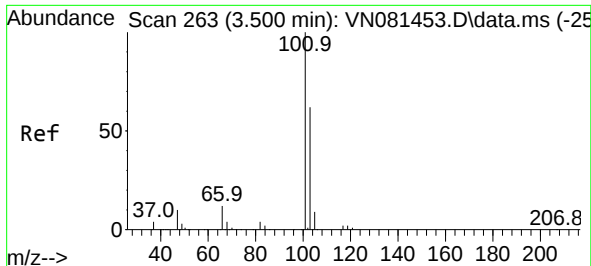
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#6
Chloroethane
Concen: 5.061 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

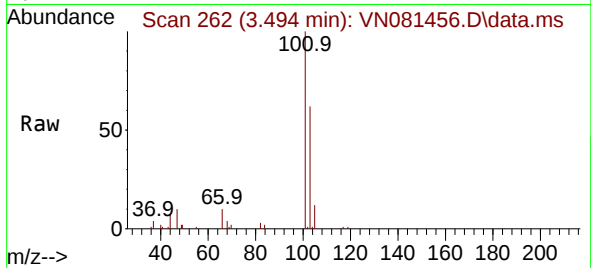
Tgt Ion: 64 Resp: 21642
Ion Ratio Lower Upper
64 100
66 22.8 26.4 39.6#





#7
Trichlorofluoromethane
Concen: 5.189 ug/l
RT: 3.494 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

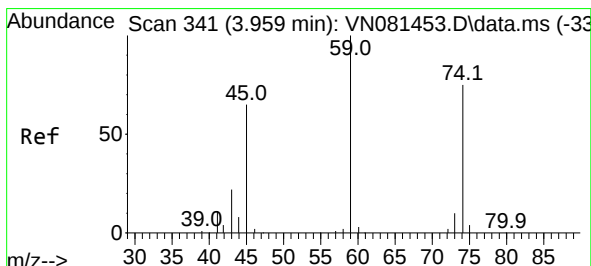
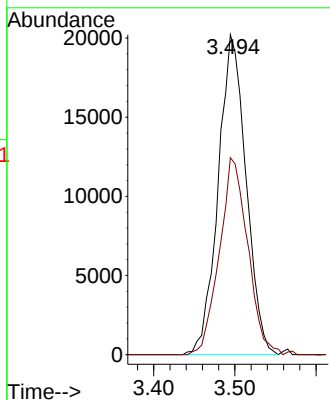
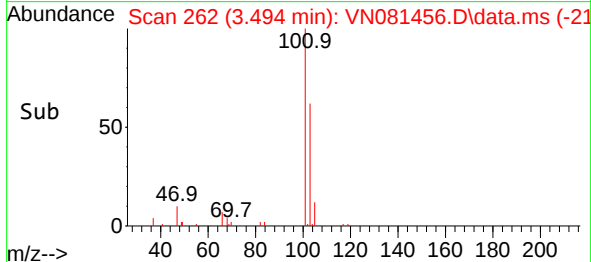
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



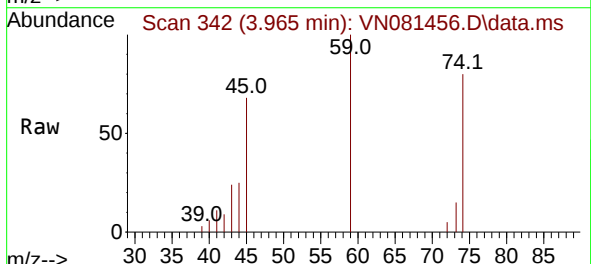
Tgt Ion: 101 Resp: 4816
Ion Ratio Lower Upper
101 100
103 61.5 54.4 81.6

Manual Integrations
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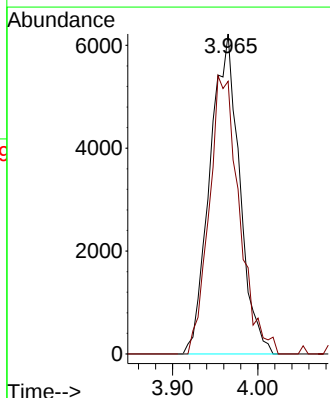
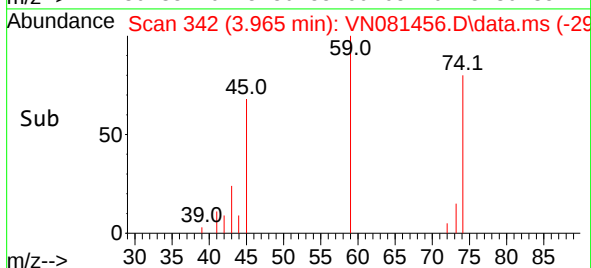
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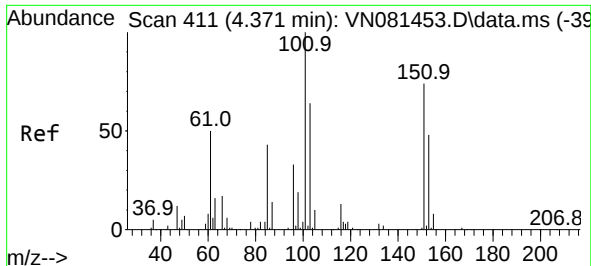


#8
Diethyl Ether
Concen: 4.884 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38



Tgt Ion: 74 Resp: 15002
Ion Ratio Lower Upper
74 100
45 88.5 53.3 159.9





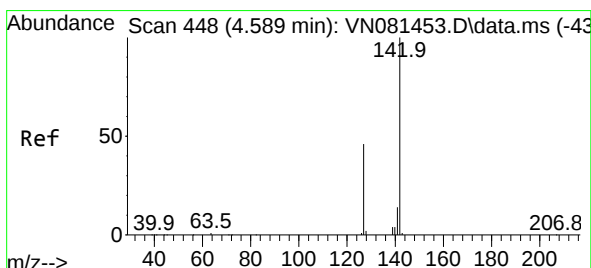
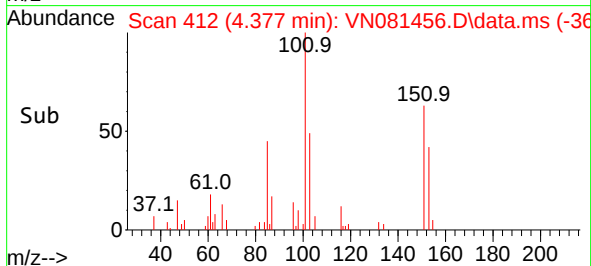
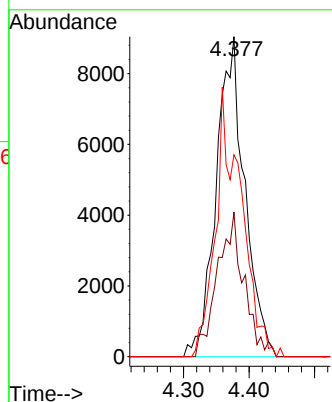
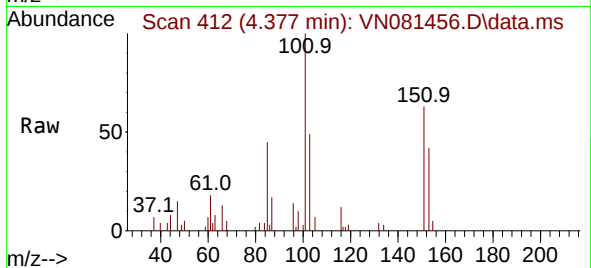
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.173 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 2728
Ion Ratio Lower Upper
101 100
85 42.1 38.1 57.1
151 40.4 49.1 73.7

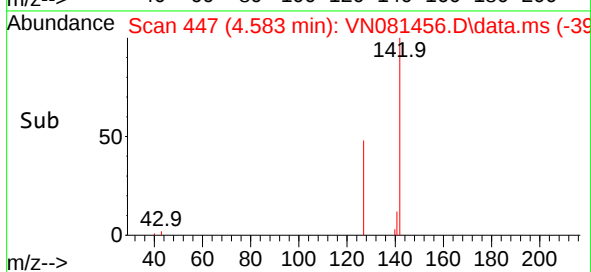
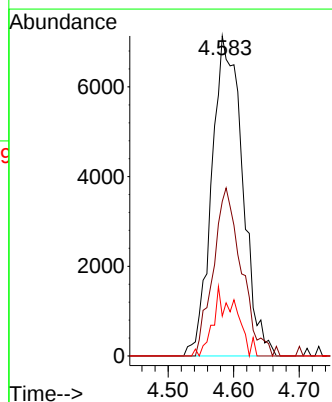
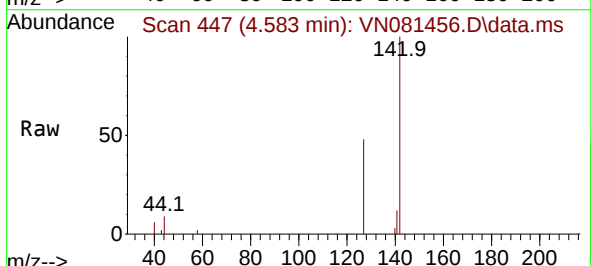
Manual Integrations
APPROVED

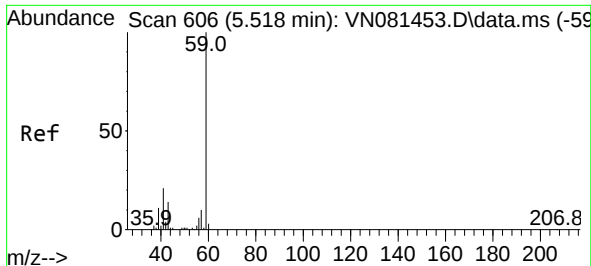
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#10
Methyl Iodide
Concen: 4.419 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Tgt Ion:142 Resp: 23207
Ion Ratio Lower Upper
142 100
127 48.3 37.0 55.4
141 12.4 12.5 18.7#





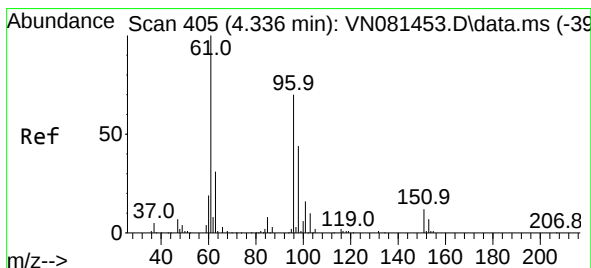
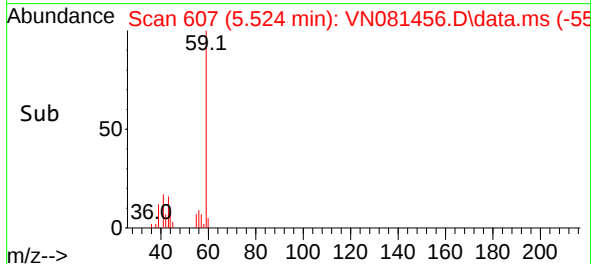
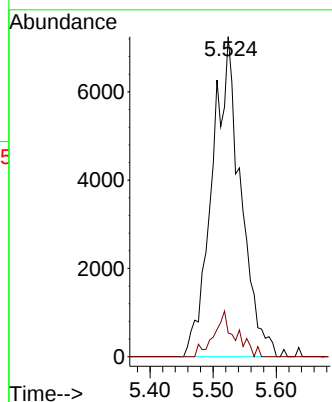
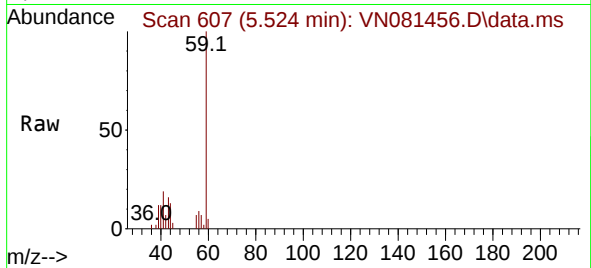
#11
Tert butyl alcohol
Concen: 24.921 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 22925
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

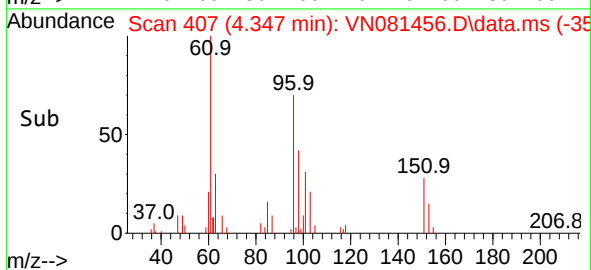
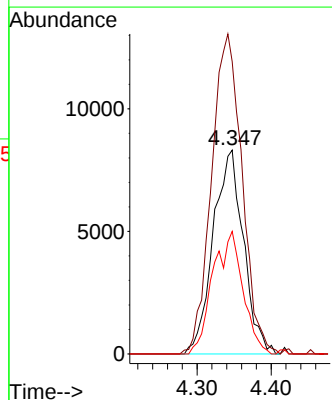
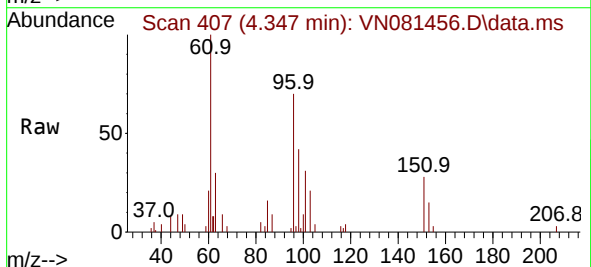
Manual Integrations
APPROVED

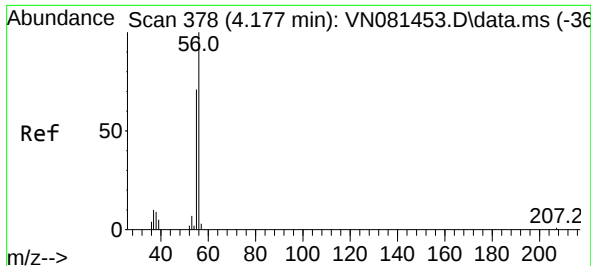
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#12
1,1-Dichloroethene
Concen: 4.836 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Tgt Ion: 96 Resp: 23625
Ion Ratio Lower Upper
96 100
61 143.5 138.2 207.4
98 60.2 49.2 73.8





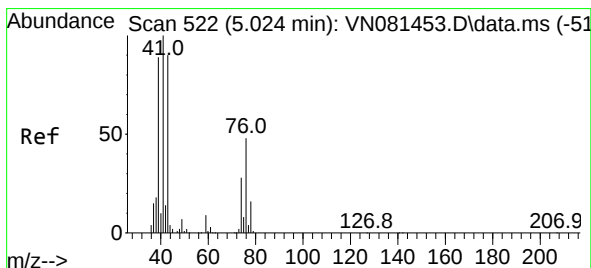
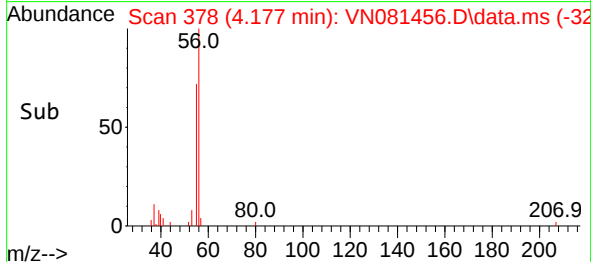
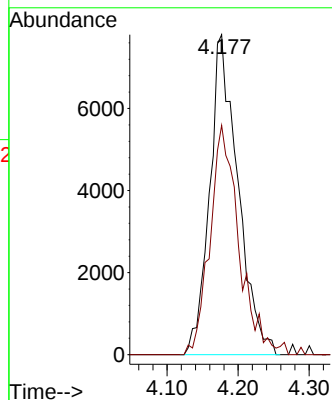
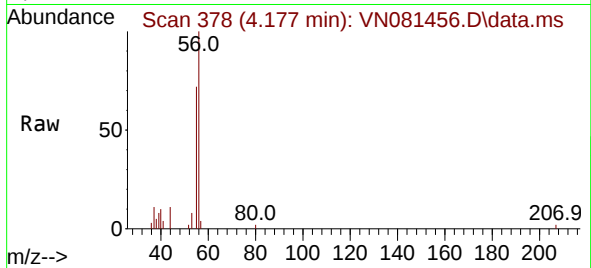
#13
Acrolein
Concen: 26.062 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 2151
Ion Ratio Lower Upper
56 100
55 73.8 55.3 82.9

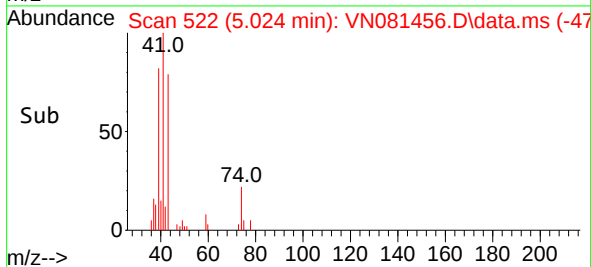
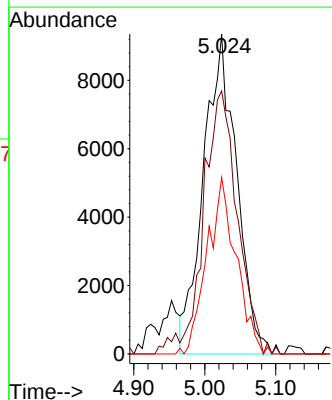
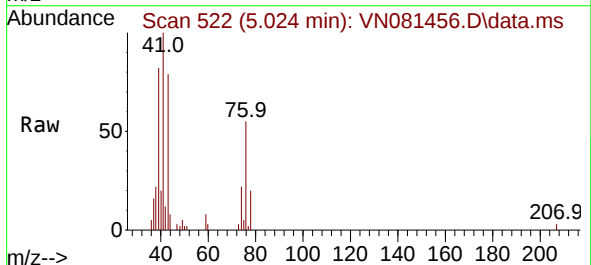
Manual Integrations
APPROVED

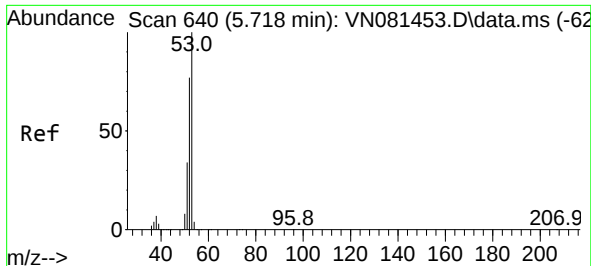
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#14
Allyl chloride
Concen: 4.945 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

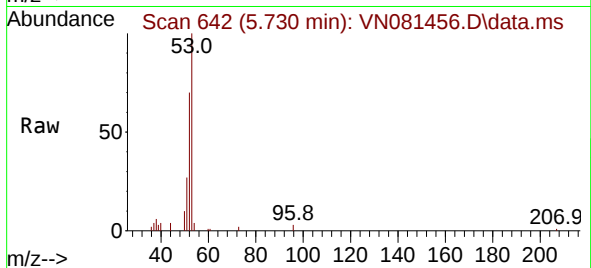
Tgt Ion: 41 Resp: 30272
Ion Ratio Lower Upper
41 100
39 84.7 57.7 86.5
76 48.5 26.8 40.2#





#15
Acrylonitrile
Concen: 24.569 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

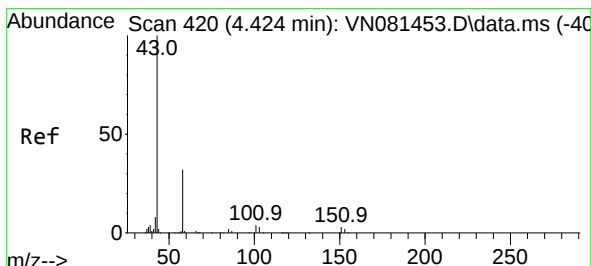
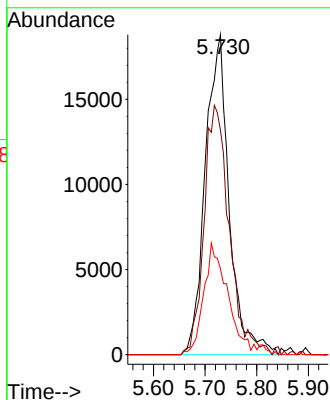
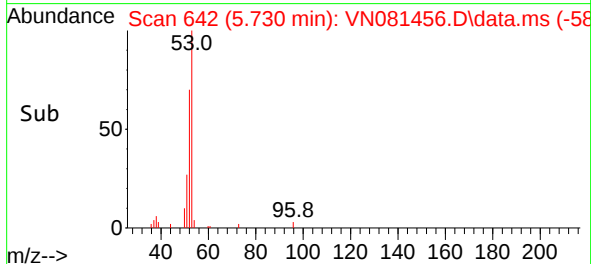
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 6046
Ion Ratio Lower Upper
53 100
52 82.1 64.8 97.2
51 35.0 26.9 40.3

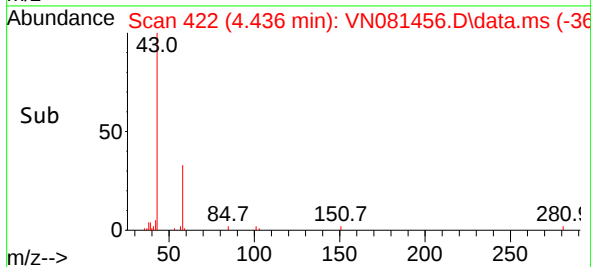
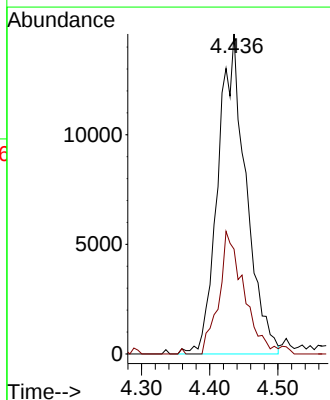
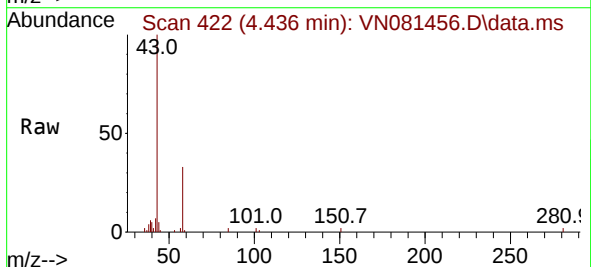
Manual Integrations
APPROVED

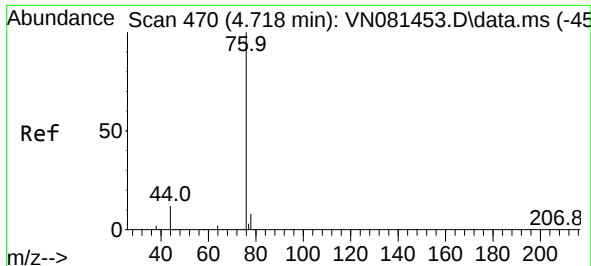
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#16
Acetone
Concen: 24.492 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Tgt Ion: 43 Resp: 41783
Ion Ratio Lower Upper
43 100
58 32.8 24.8 37.2





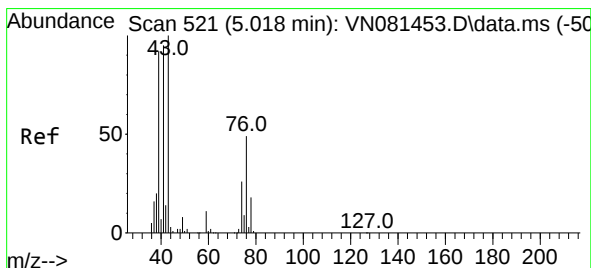
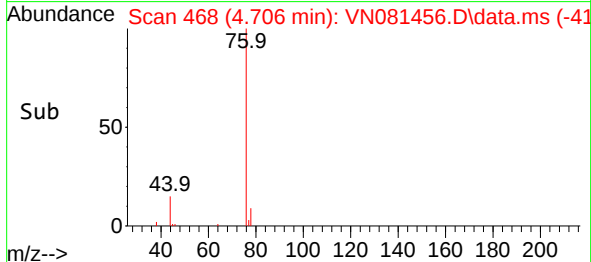
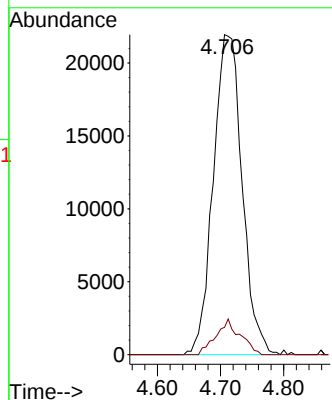
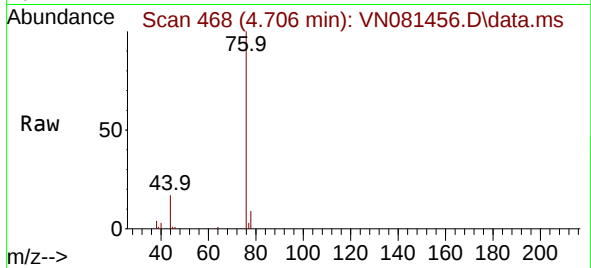
#17
Carbon Disulfide
Concen: 4.968 ug/l
RT: 4.706 min Scan# 40
Delta R.T. -0.012 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 69639
Ion Ratio Lower Upper
76 100
78 8.5 6.3 9.5

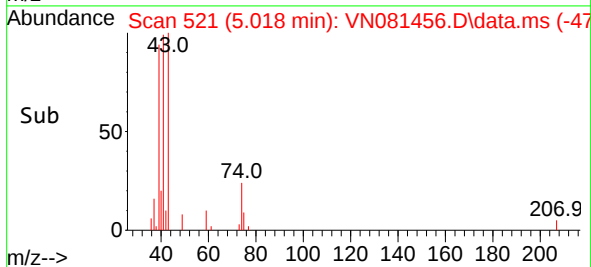
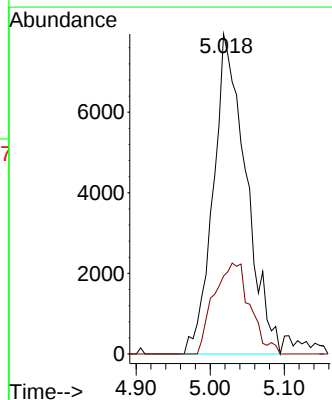
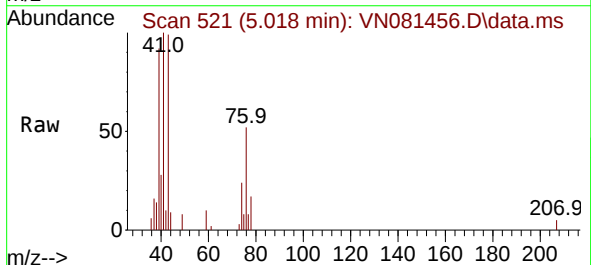
Manual Integrations
APPROVED

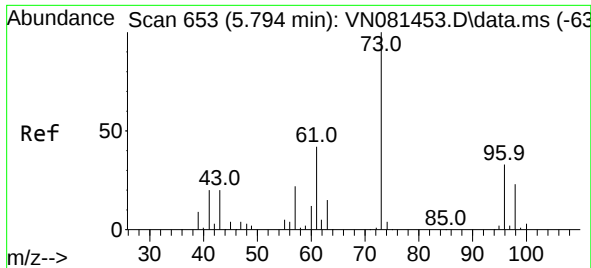
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#18
Methyl Acetate
Concen: 4.625 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Tgt Ion: 43 Resp: 24326
Ion Ratio Lower Upper
43 100
74 31.4 17.3 25.9#





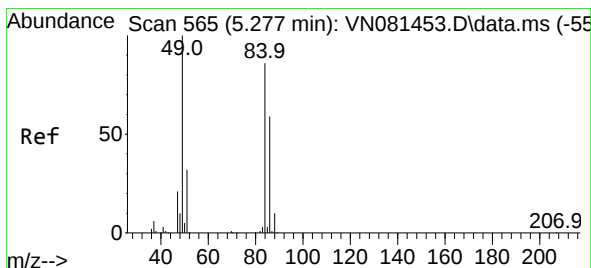
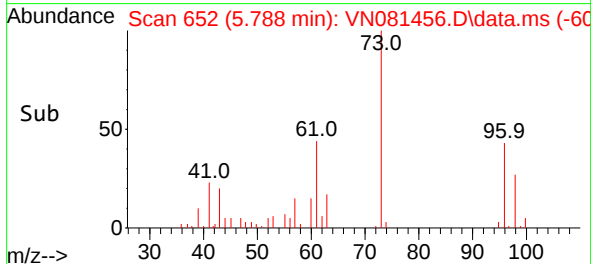
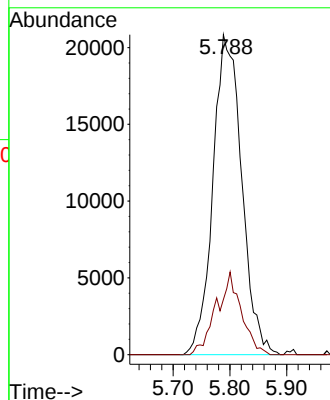
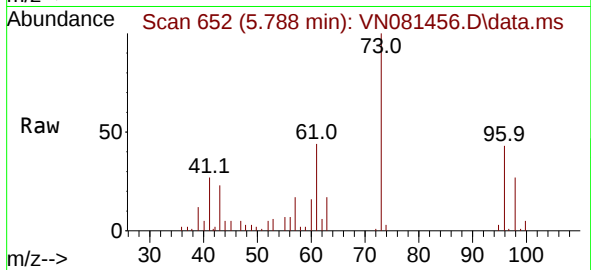
#19
Methyl tert-butyl Ether
Concen: 4.787 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 73184
Ion Ratio Lower Upper
73 100
57 17.2 18.2 27.4

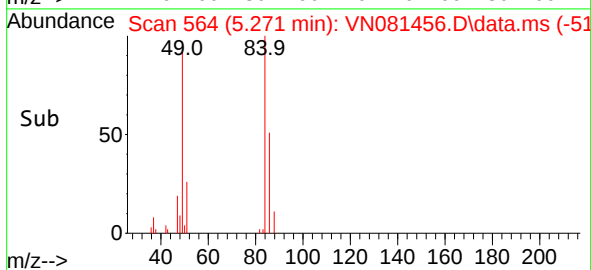
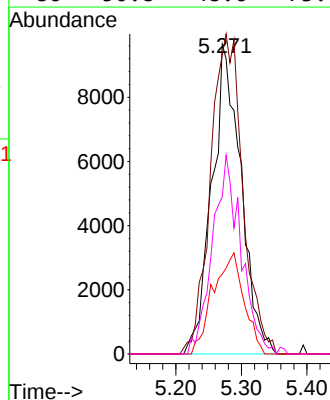
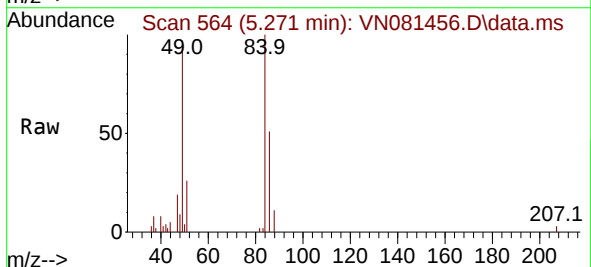
Manual Integrations
APPROVED

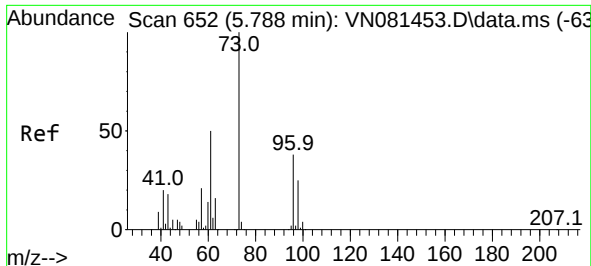
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#20
Methylene Chloride
Concen: 5.316 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Tgt Ion: 84 Resp: 29708
Ion Ratio Lower Upper
84 100
49 96.6 108.1 162.1#
51 25.8 32.9 49.3#
86 50.8 48.6 73.0





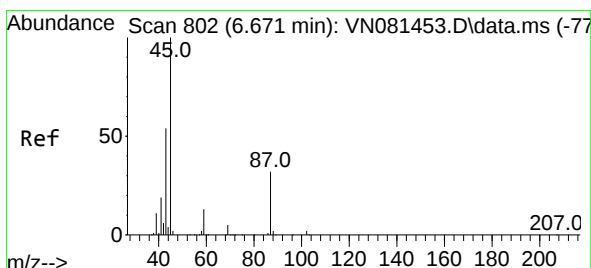
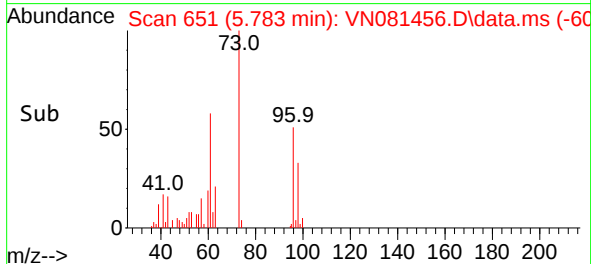
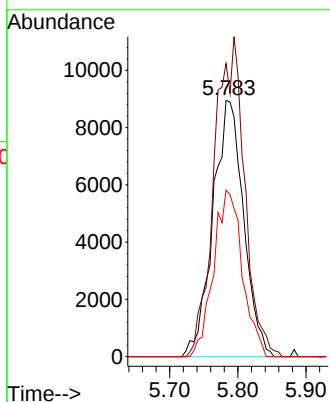
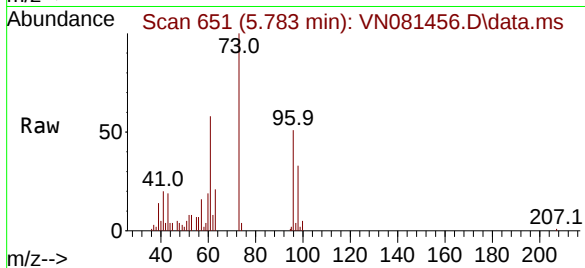
#21
trans-1,2-Dichloroethene
Concen: 5.134 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 2796
Ion Ratio Lower Upper
96 100
61 114.3 112.8 169.2
98 65.0 51.0 76.4

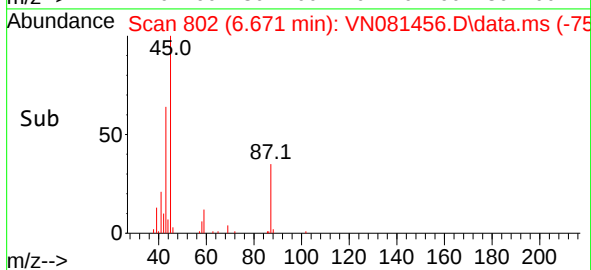
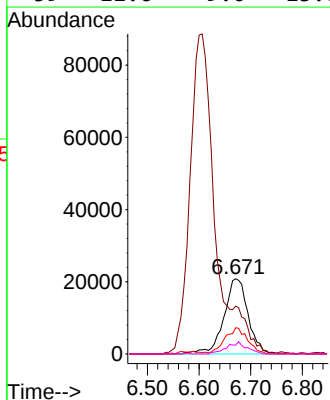
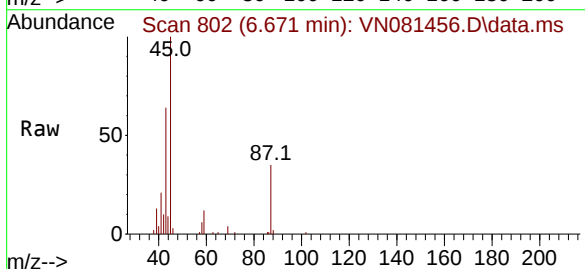
Manual Integrations
APPROVED

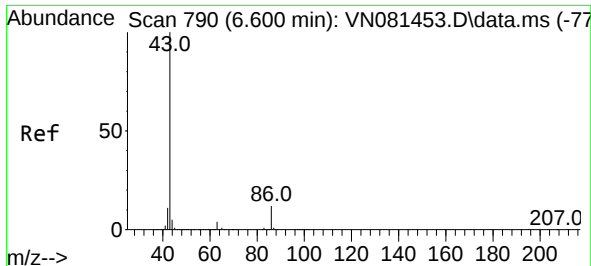
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#22
Diisopropyl ether
Concen: 4.735 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Tgt Ion: 45 Resp: 67350
Ion Ratio Lower Upper
45 100
43 61.5 41.8 62.8
87 34.8 18.1 27.1#
59 11.6 9.0 13.6





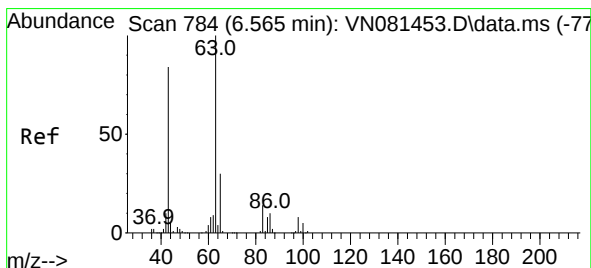
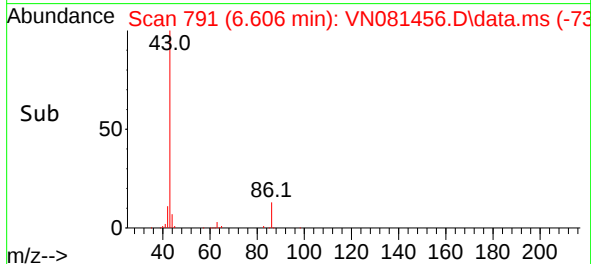
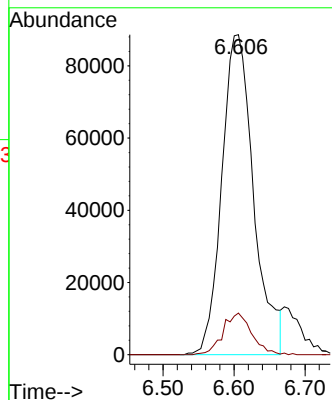
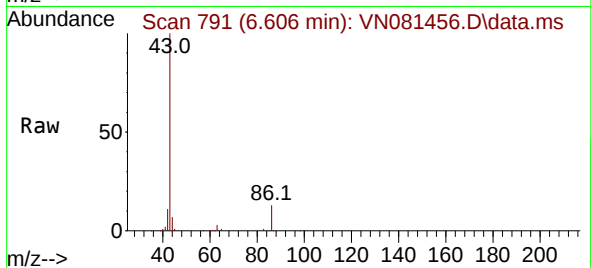
#23
Vinyl Acetate
Concen: 24.447 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 27677
Ion Ratio Lower Upper
43 100
86 13.0 7.1 10.7

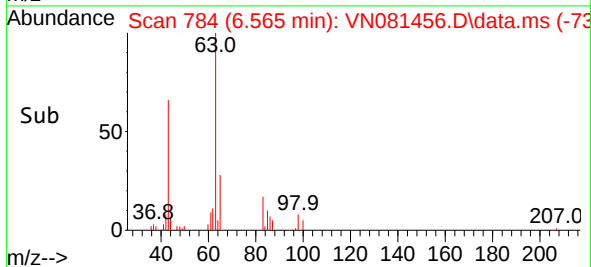
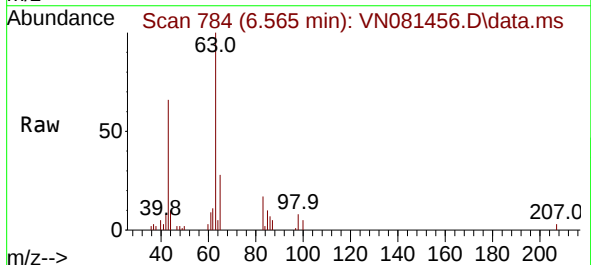
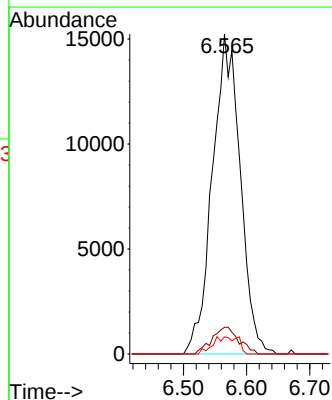
Manual Integrations
APPROVED

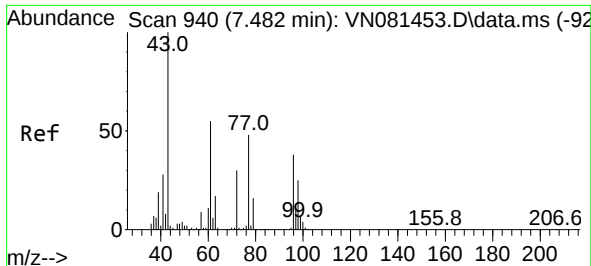
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#24
1,1-Dichloroethane
Concen: 4.896 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Tgt Ion: 63 Resp: 46640
Ion Ratio Lower Upper
63 100
98 8.4 2.9 8.6
100 5.4 1.9 5.7





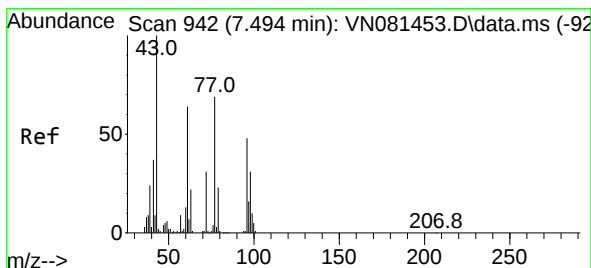
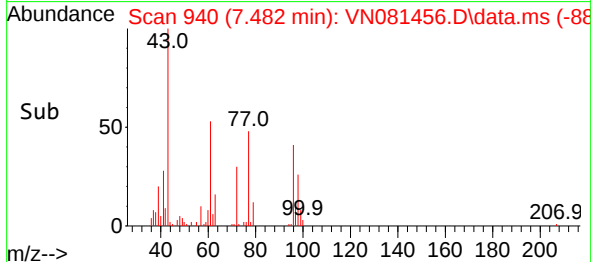
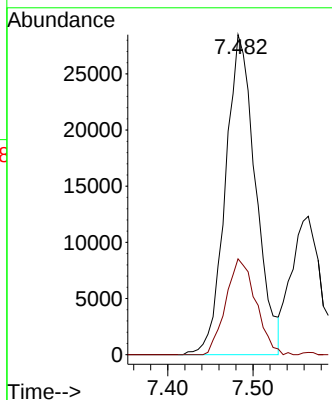
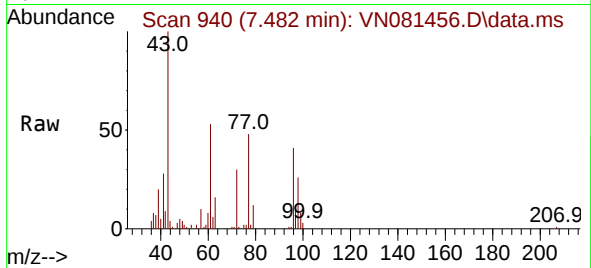
#25
2-Butanone
Concen: 24.010 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005

Tgt Ion: 43 Resp: 70250
Ion Ratio Lower Upper
43 100
72 29.9 19.5 29.3

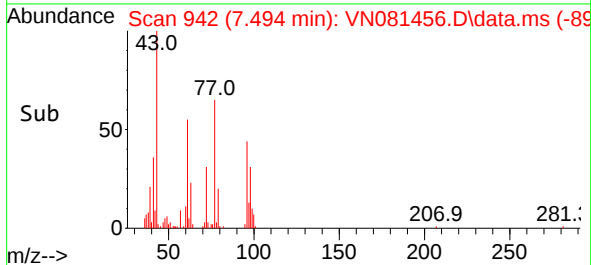
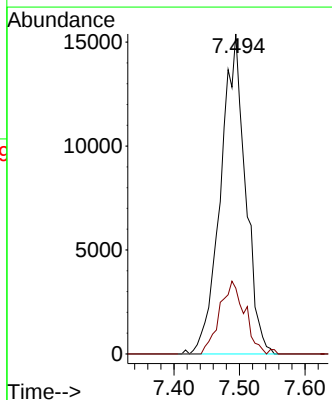
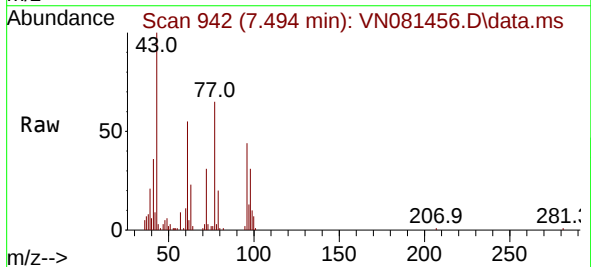
Manual Integrations
APPROVED

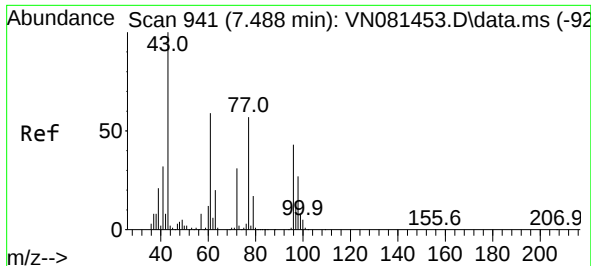
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#26
2,2-Dichloropropane
Concen: 4.903 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Tgt Ion: 77 Resp: 40509
Ion Ratio Lower Upper
77 100
97 23.0 11.5 34.5





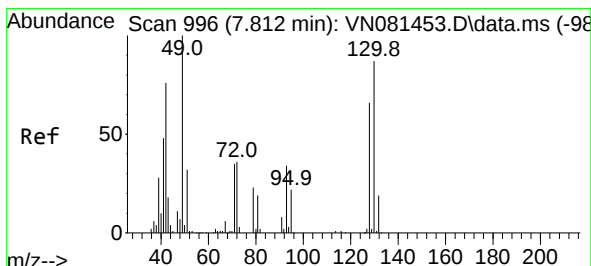
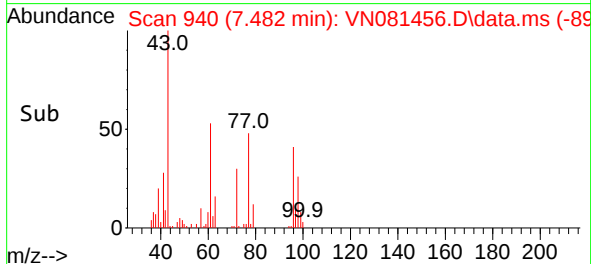
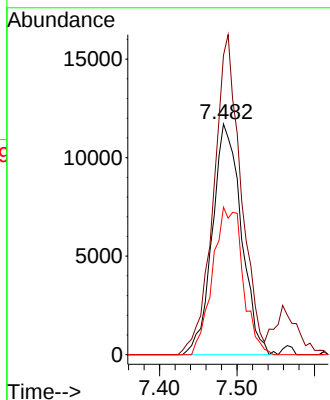
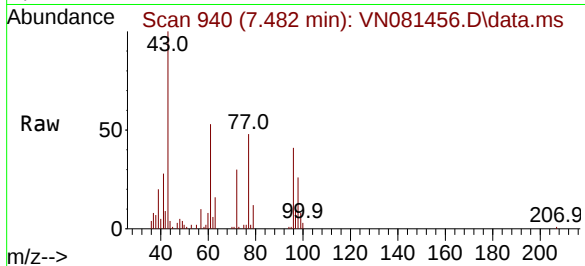
#27
 cis-1,2-Dichloroethene
 Concen: 4.938 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081456.D
 Acq: 18 Mar 2024 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 3043
 Ion Ratio Lower Upper
 96 100
 61 131.3 0.0 325.4
 98 66.7 0.0 130.4

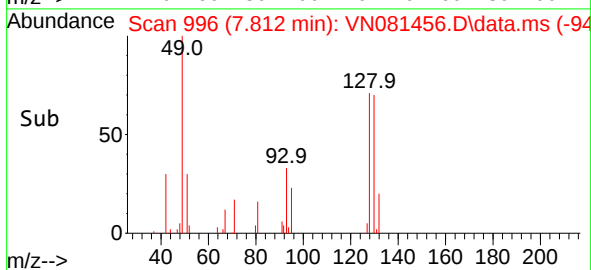
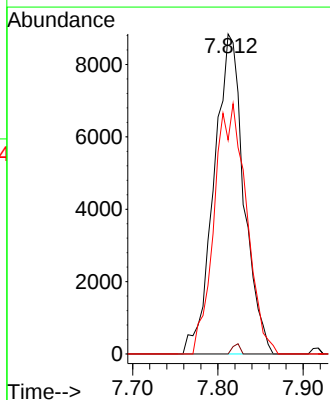
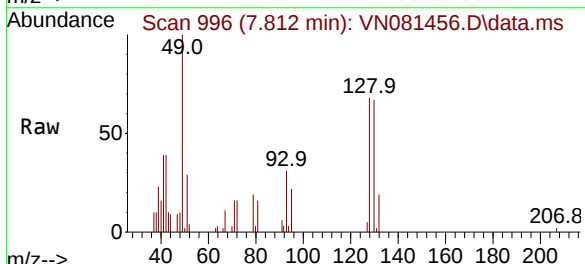
Manual Integrations
 APPROVED

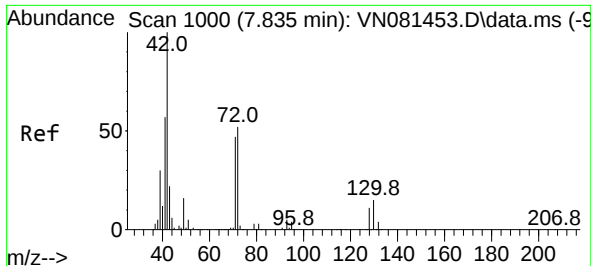
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024



#28
 Bromochloromethane
 Concen: 5.551 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN081456.D
 Acq: 18 Mar 2024 17:38

Tgt Ion: 49 Resp: 21540
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 1.6
 130 84.3 42.3 63.5#





#29

Tetrahydrofuran

Concen: 24.141 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081456.D

Acq: 18 Mar 2024 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

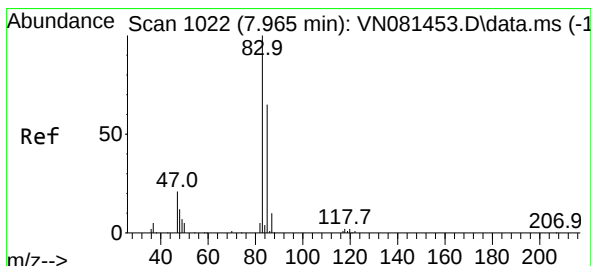
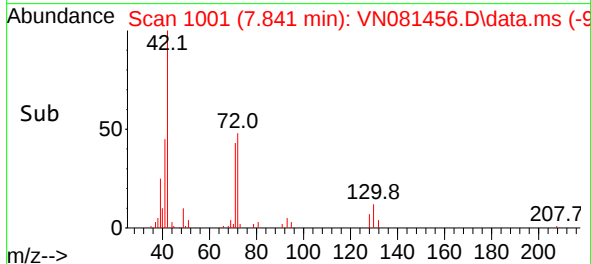
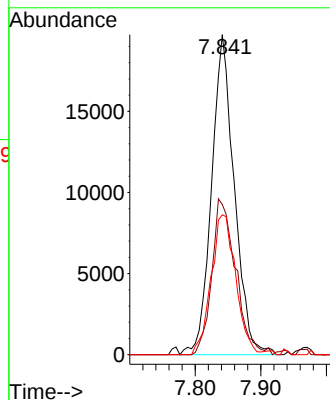
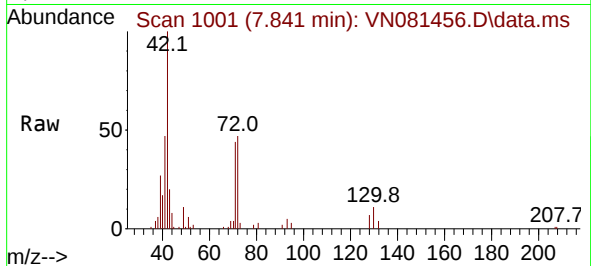
Tgt Ion:	42	Resp:	4758
Ion Ratio	Lower	Upper	
42	100		
72	50.8	31.1	46.7
71	47.3	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#30

Chloroform

Concen: 5.113 ug/l

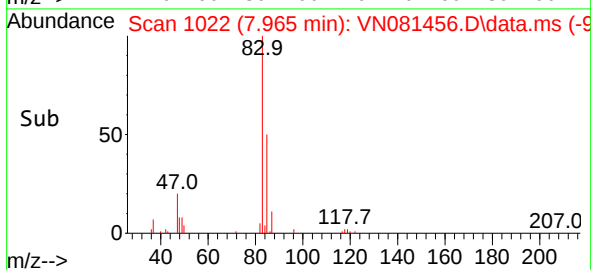
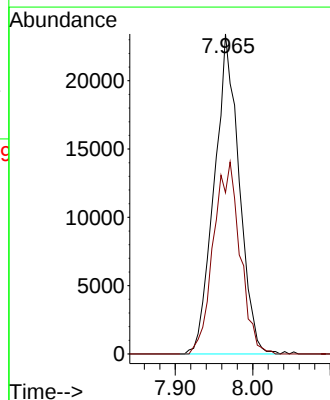
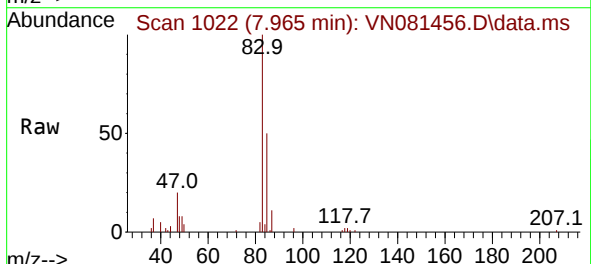
RT: 7.965 min Scan# 1022

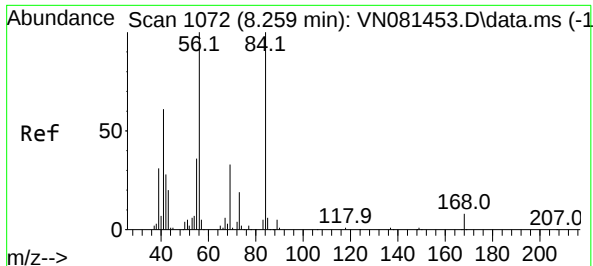
Delta R.T. -0.000 min

Lab File: VN081456.D

Acq: 18 Mar 2024 17:38

Tgt Ion:	83	Resp:	52140
Ion Ratio	Lower	Upper	
83	100		
85	50.4	51.0	76.6





#31

Cyclohexane

Concen: 5.635 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN081456.D

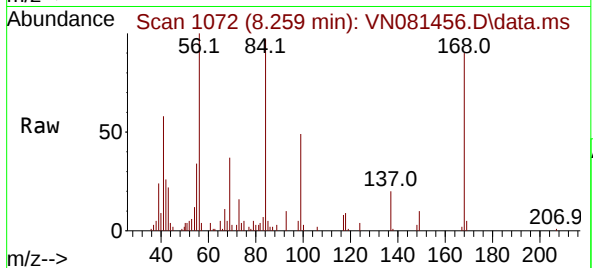
Acq: 18 Mar 2024 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



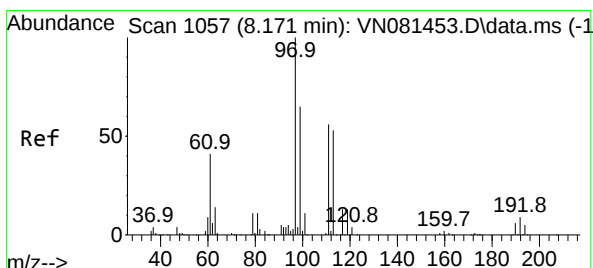
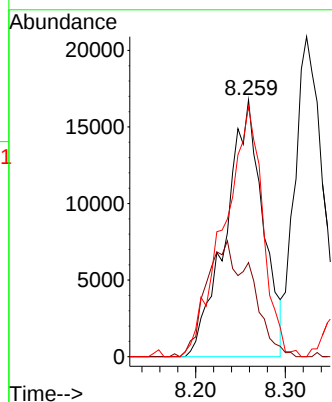
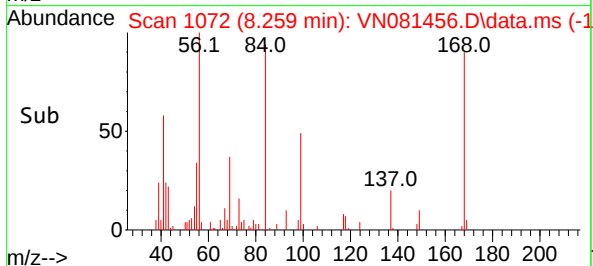
Tgt Ion:	56	Resp:	4840
Ion Ratio	100	Lower	Upper
56	100		
69	36.7	20.1	30.1
84	97.5	56.9	85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#32

1,1,1-Trichloroethane

Concen: 4.946 ug/l

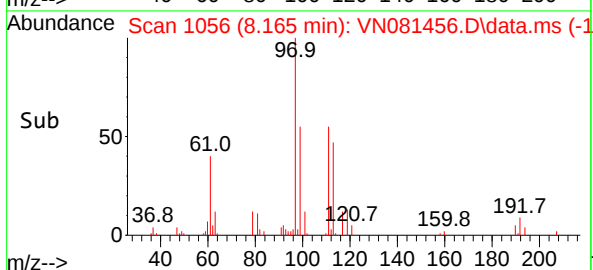
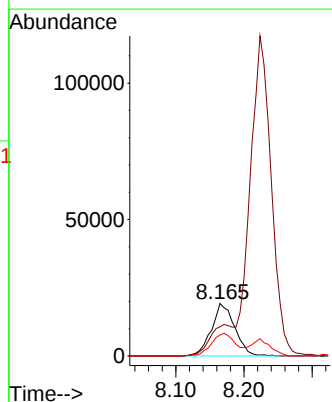
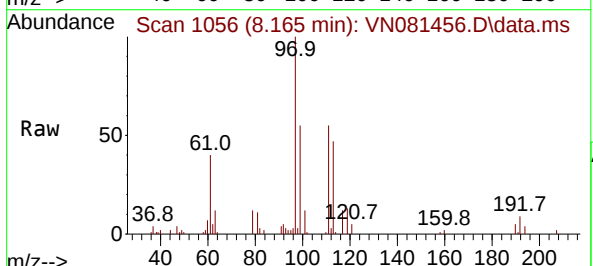
RT: 8.165 min Scan# 1056

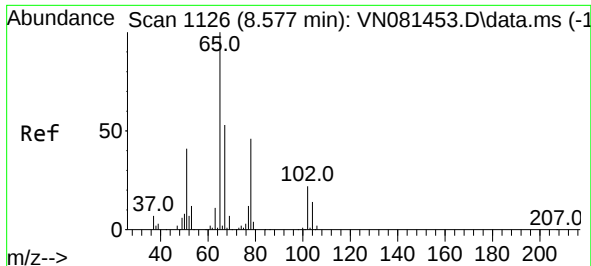
Delta R.T. -0.006 min

Lab File: VN081456.D

Acq: 18 Mar 2024 17:38

Tgt Ion:	97	Resp:	45766
Ion Ratio	100	Lower	Upper
97	100		
99	56.5	53.4	80.0
61	44.9	43.8	65.8





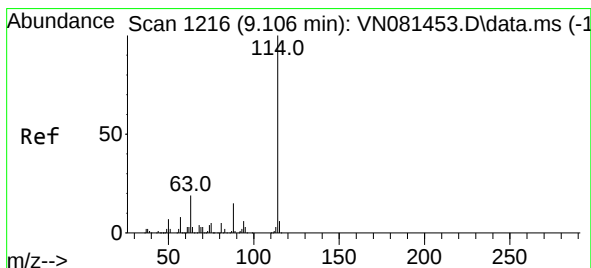
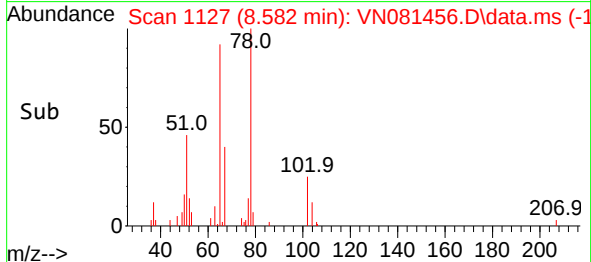
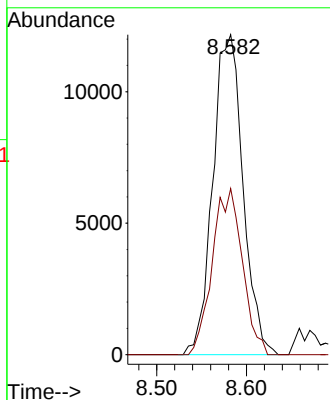
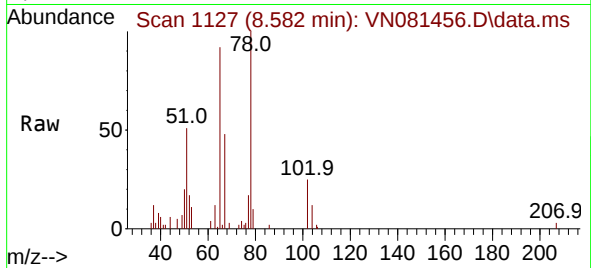
#33
1,2-Dichloroethane-d4
Concen: 5.378 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 28389
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.4

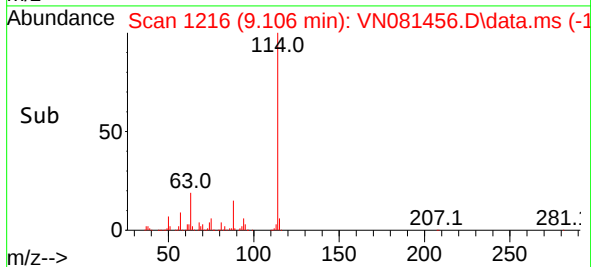
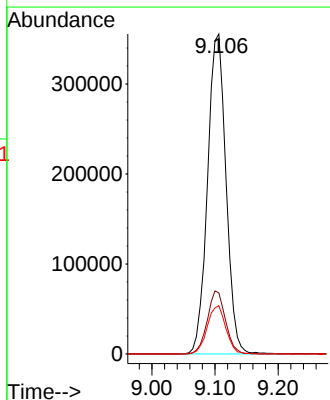
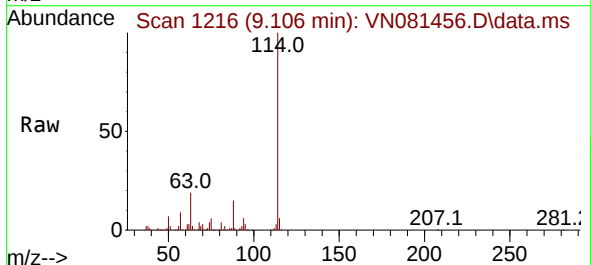
Manual Integrations
APPROVED

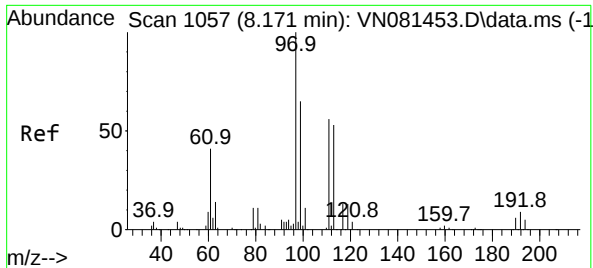
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

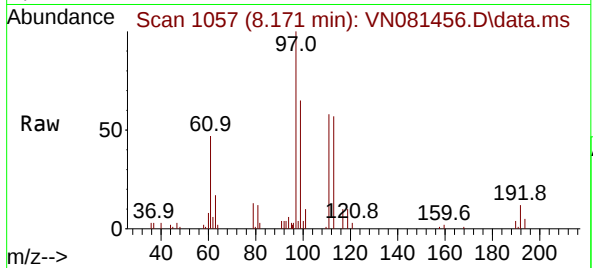
Tgt Ion:114 Resp: 723216
Ion Ratio Lower Upper
114 100
63 19.1 0.0 48.0
88 15.1 0.0 34.8





#35
Dibromofluoromethane
Concen: 5.143 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

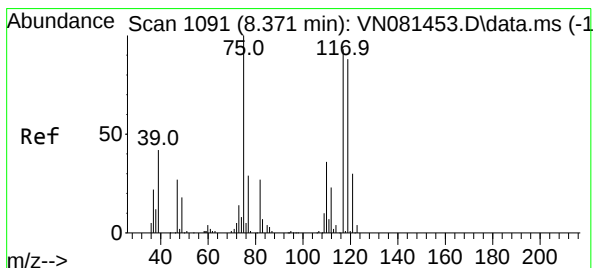
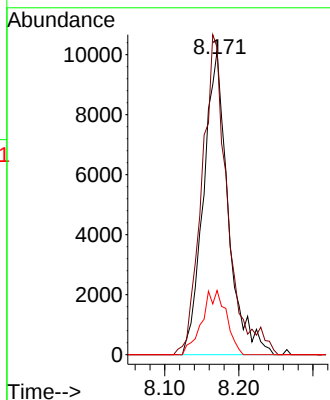
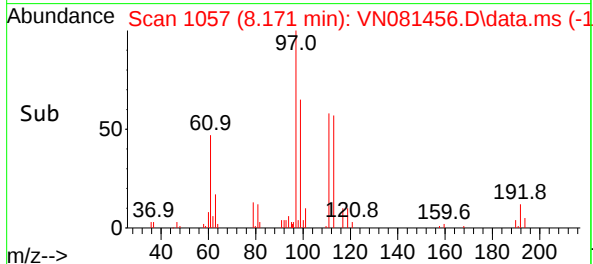
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 23472
Ion Ratio Lower Upper
113 100
111 108.9 82.2 123.4
192 21.0 12.5 18.7

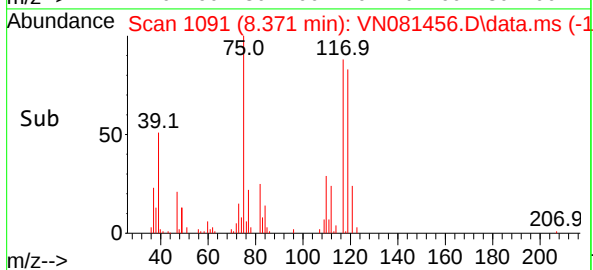
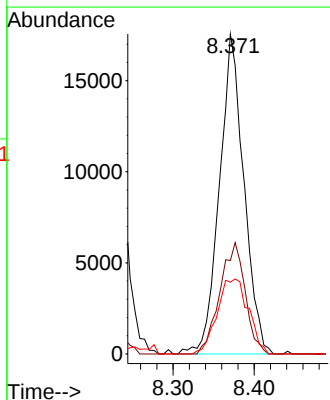
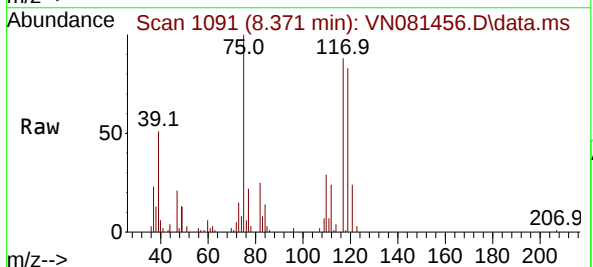
Manual Integrations
APPROVED

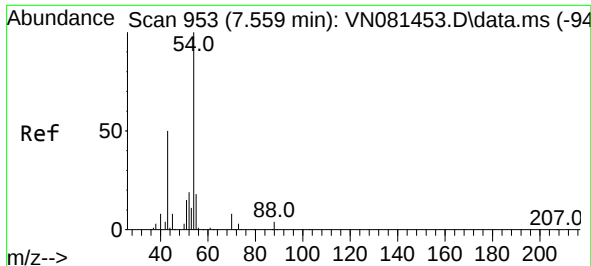
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#36
1,1-Dichloropropene
Concen: 4.783 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Tgt Ion: 75 Resp: 36742
Ion Ratio Lower Upper
75 100
110 36.0 16.0 48.0
77 29.9 25.8 38.6





#37

Ethyl Acetate

Concen: 4.807 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN081456.D

Acq: 18 Mar 2024 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

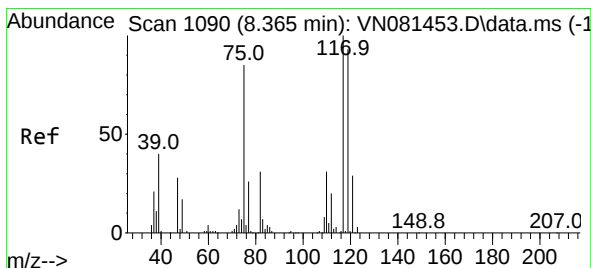
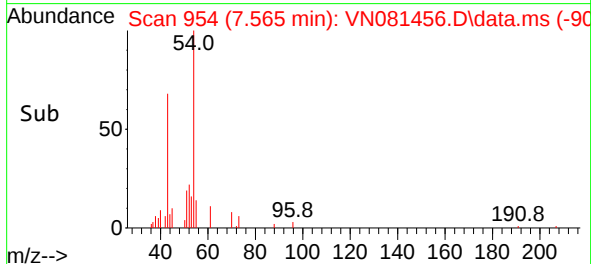
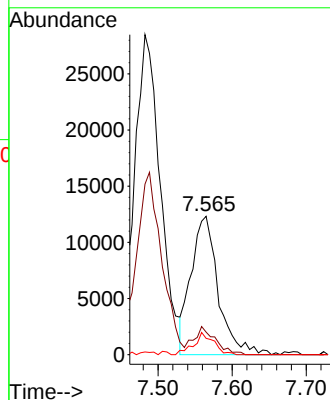
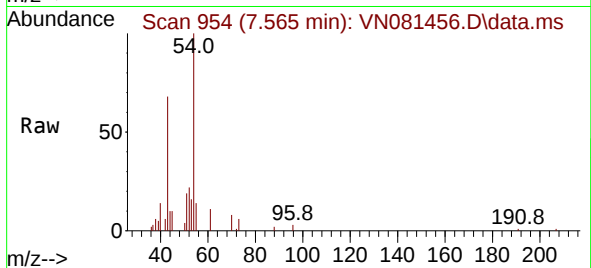
Tgt Ion:	43	Resp:	3161
Ion Ratio	Lower	Upper	
43	100		
61	16.2	10.6	15.8
70	11.5	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#38

Carbon Tetrachloride

Concen: 4.652 ug/l

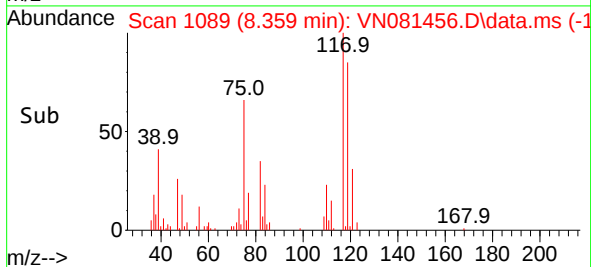
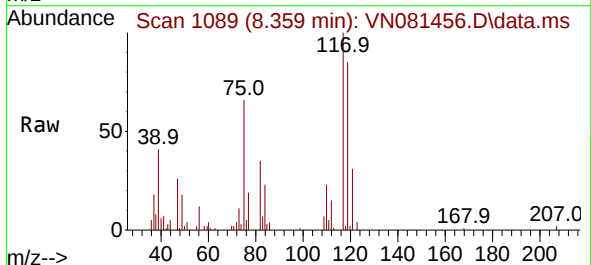
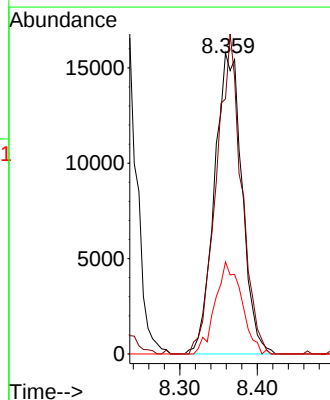
RT: 8.359 min Scan# 1089

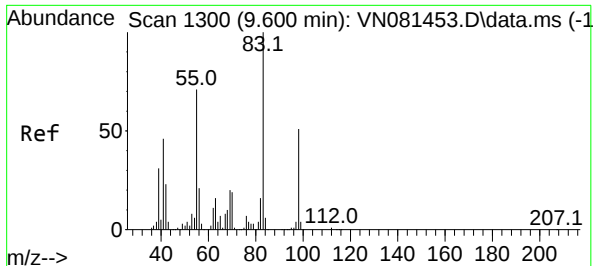
Delta R.T. -0.006 min

Lab File: VN081456.D

Acq: 18 Mar 2024 17:38

Tgt Ion:	117	Resp:	39145
Ion Ratio	Lower	Upper	
117	100		
119	84.8	73.4	110.2
121	30.6	24.4	36.6





#39

Methylcyclohexane

Concen: 4.741 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081456.D

Acq: 18 Mar 2024 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

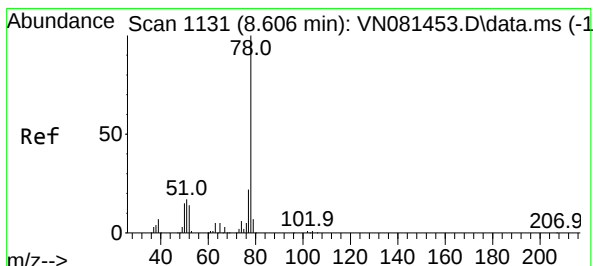
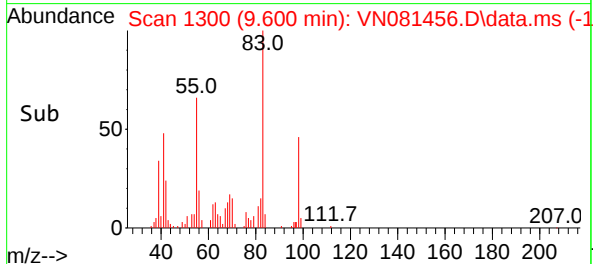
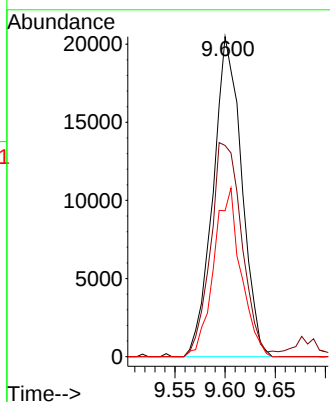
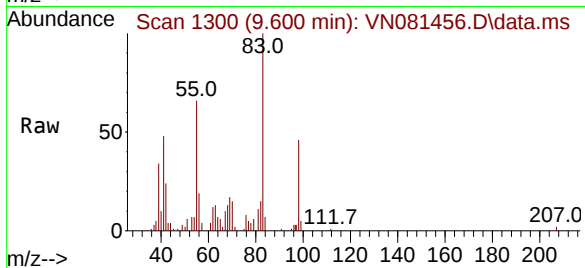
Tgt Ion:	83	Resp:	40669
Ion	Ratio	Lower	Upper
83	100		
55	66.0	65.7	98.5
98	45.6	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#40

Benzene

Concen: 4.670 ug/l

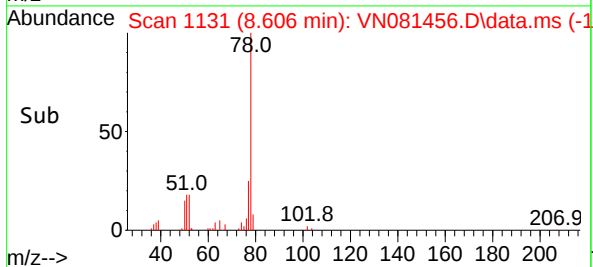
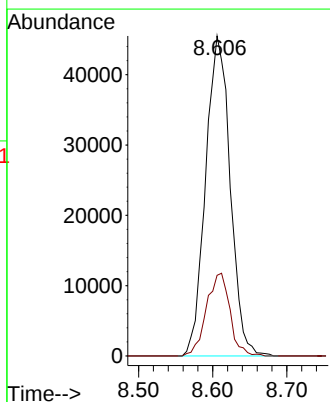
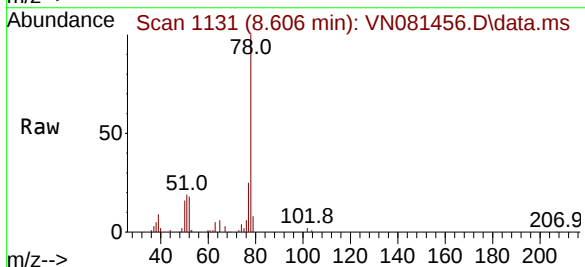
RT: 8.606 min Scan# 1131

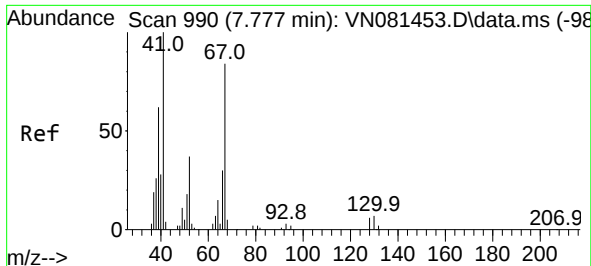
Delta R.T. -0.000 min

Lab File: VN081456.D

Acq: 18 Mar 2024 17:38

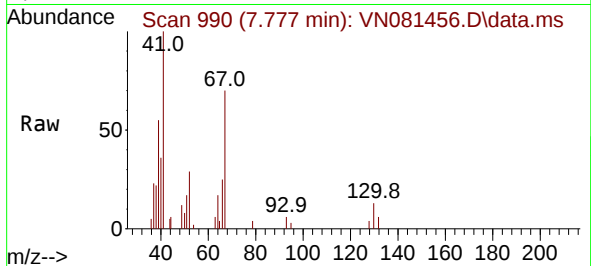
Tgt Ion:	78	Resp:	104859
Ion	Ratio	Lower	Upper
78	100		
77	25.2	20.4	30.6





#41
Methacrylonitrile
Concen: 4.472 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

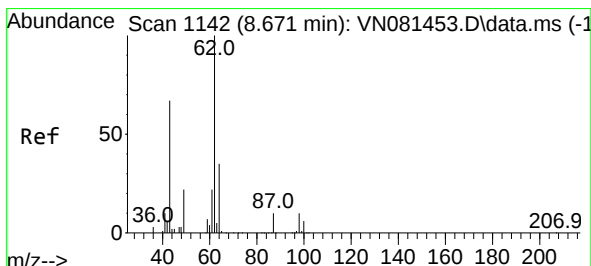
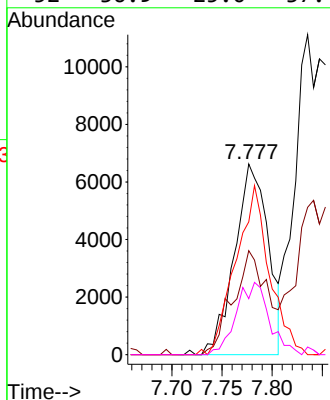
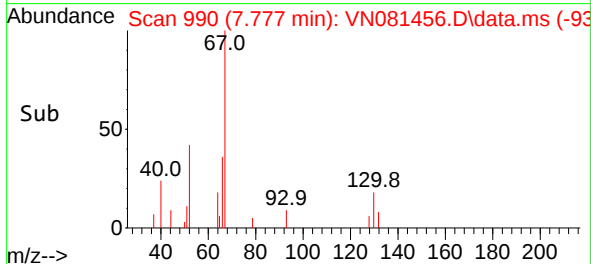
Instrument :
MSVOA_N
Client Sample Id :
VSTDICC005



Tgt Ion: 41 Resp: 1555
Ion Ratio Lower Upper
41 100
39 55.7 48.4 72.6
67 88.5 56.8 85.2
52 36.9 25.0 37.4

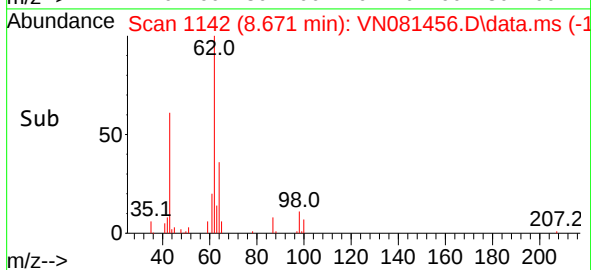
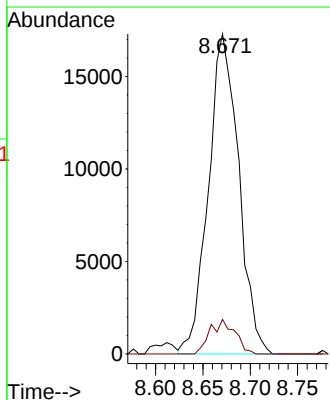
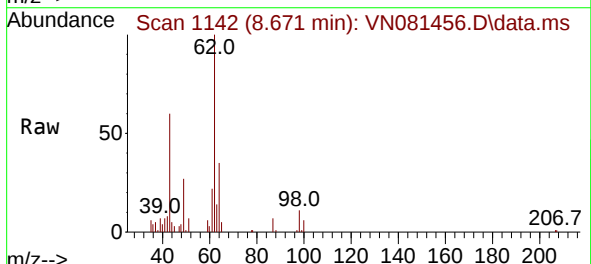
Manual Integrations
APPROVED

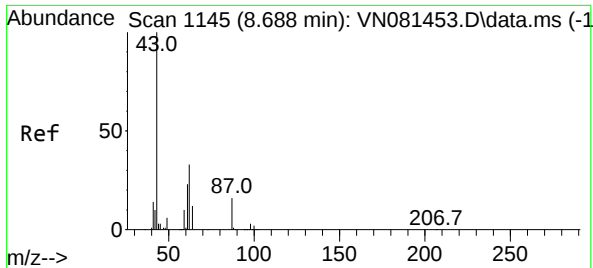
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#42
1,2-Dichloroethane
Concen: 4.864 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

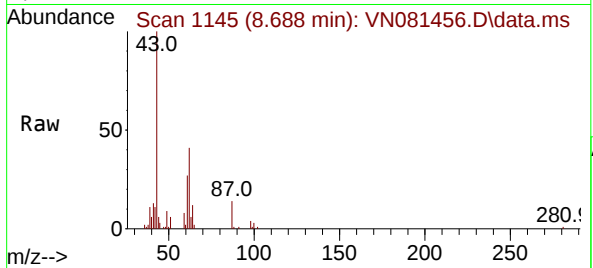
Tgt Ion: 62 Resp: 38441
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.0





#43
Isopropyl Acetate
Concen: 4.820 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

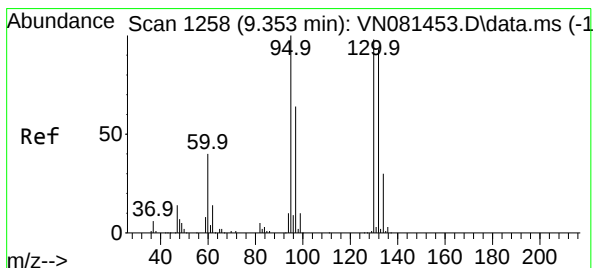
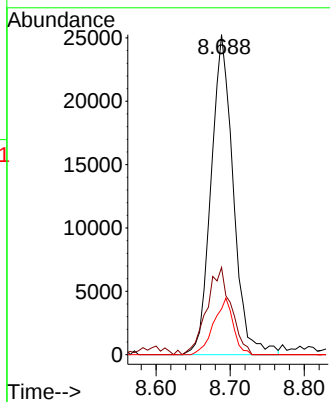
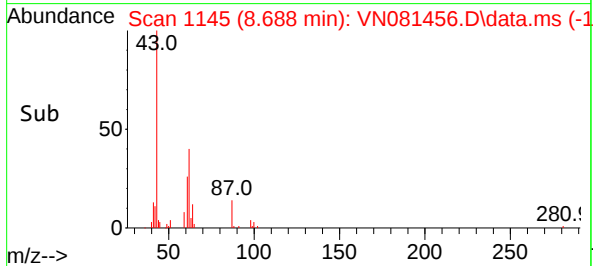
Instrument : MSVOA_N
ClientSampleId : VSTDIC005



Tgt Ion: 43 Resp: 52549
Ion Ratio Lower Upper
43 100
61 30.0 19.9 29.9
87 15.5 9.0 13.6

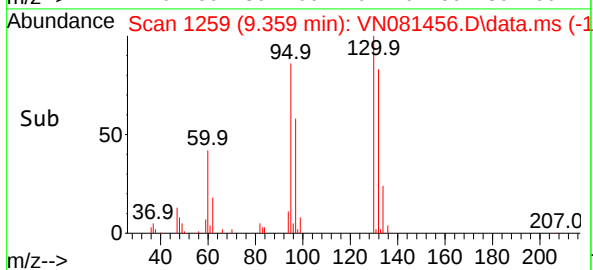
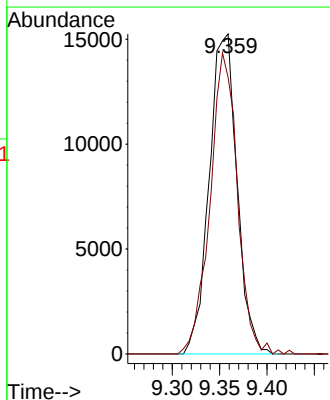
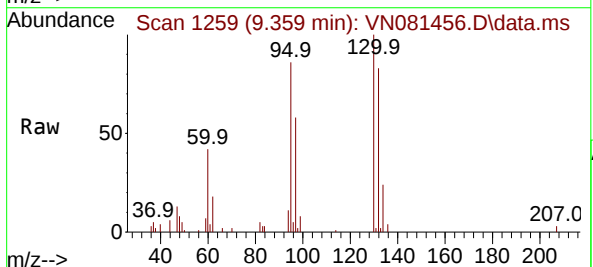
Manual Integrations
APPROVED

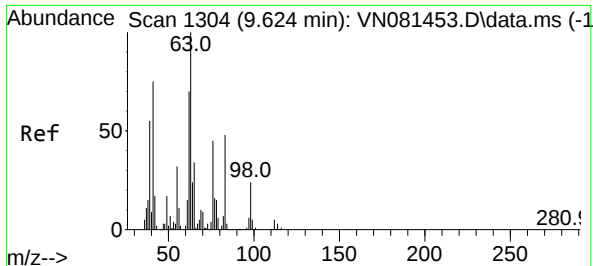
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#44
Trichloroethene
Concen: 4.936 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Tgt Ion:130 Resp: 31178
Ion Ratio Lower Upper
130 100
95 86.4 0.0 210.4





#45

1,2-Dichloropropane

Concen: 4.746 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081456.D

Acq: 18 Mar 2024 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 2582

Ion Ratio Lower Upper

63 100

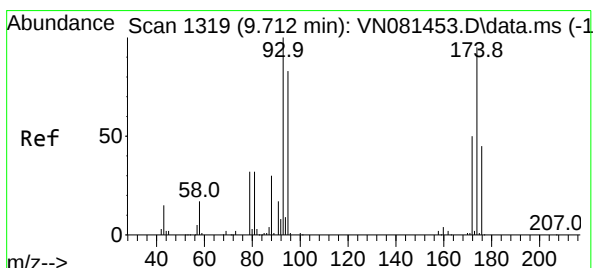
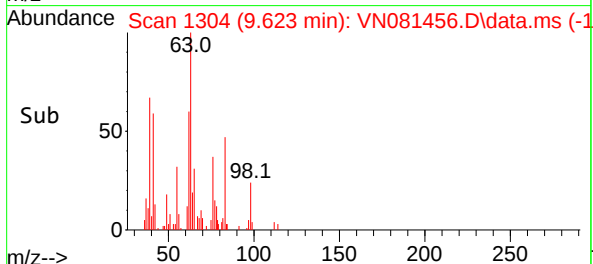
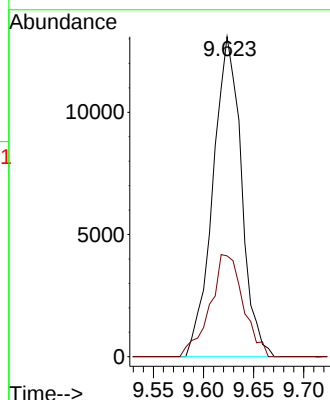
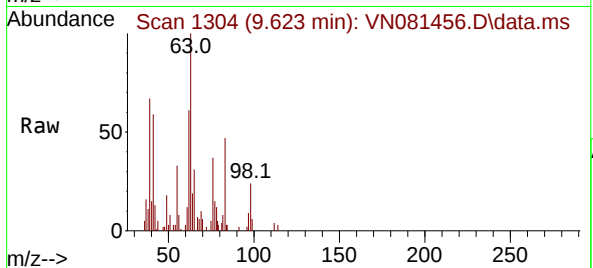
65 31.5 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#46

Dibromomethane

Concen: 4.933 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081456.D

Acq: 18 Mar 2024 17:38

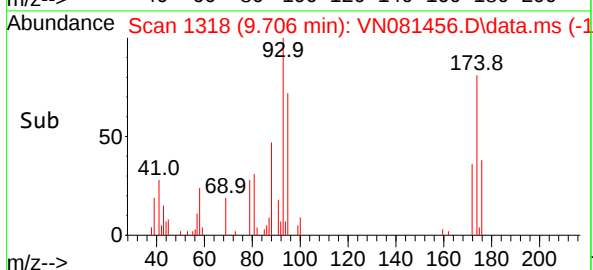
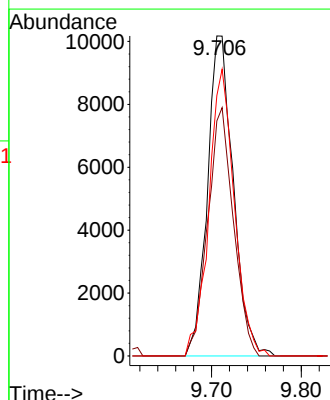
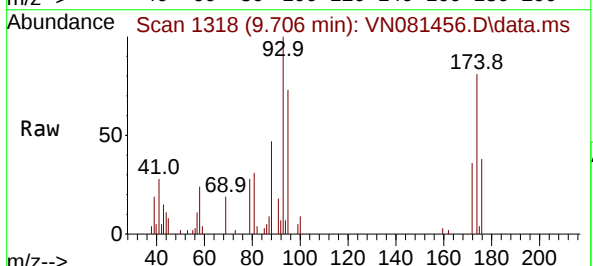
Tgt Ion: 93 Resp: 20387

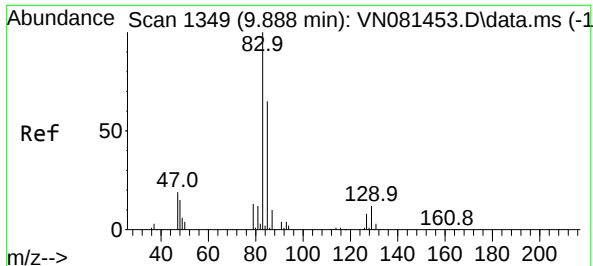
Ion Ratio Lower Upper

93 100

95 77.0 68.1 102.1

174 88.0 57.2 85.8#





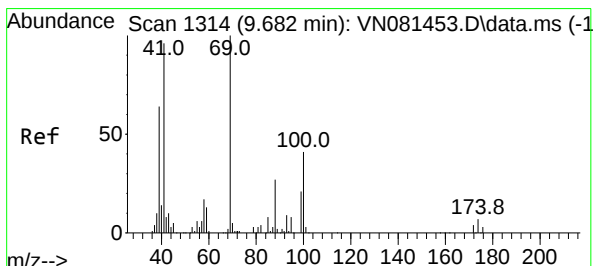
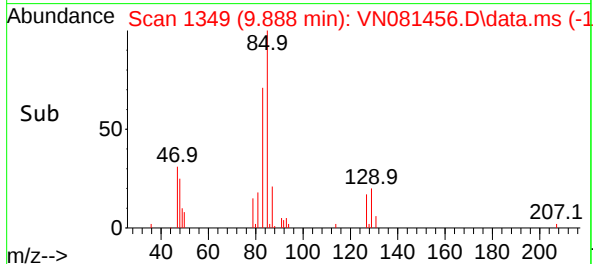
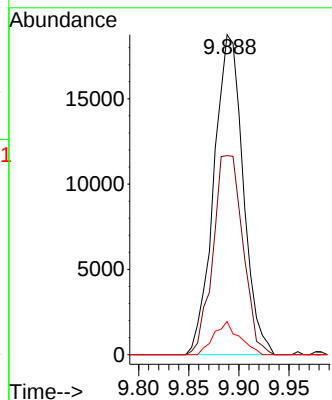
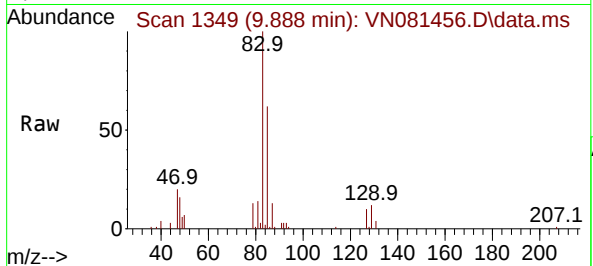
#47
Bromodichloromethane
Concen: 4.716 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 3811
Ion Ratio Lower Upper
83 100
85 62.2 52.3 78.5
127 10.3 4.6 7.0

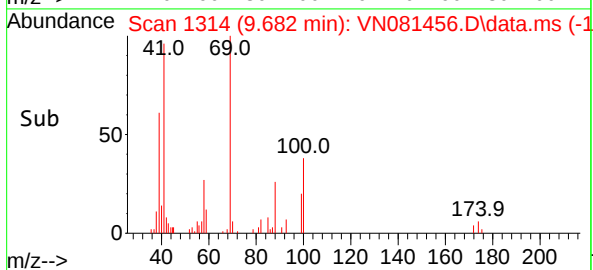
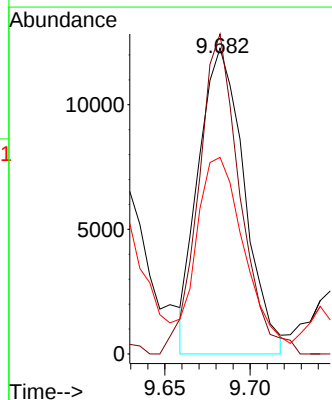
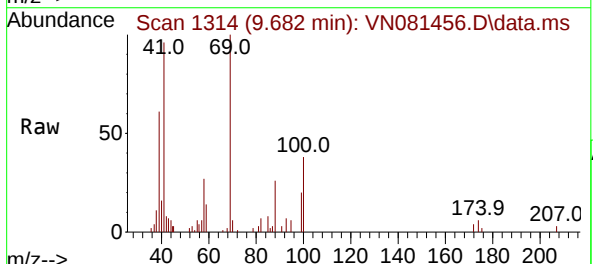
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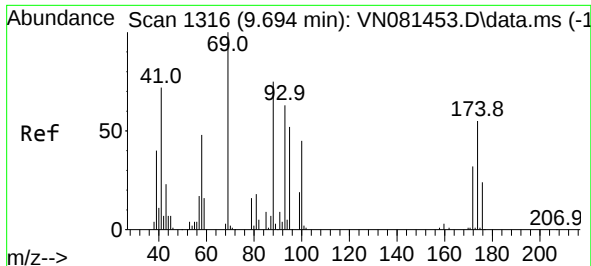
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#48
Methyl methacrylate
Concen: 4.536 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Tgt Ion: 41 Resp: 22809
Ion Ratio Lower Upper
41 100
69 95.0 62.2 93.2
39 69.0 47.6 71.4





#49

1,4-Dioxane

Concen: 103.296 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081456.D

Acq: 18 Mar 2024 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 88 Resp: 1248

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1

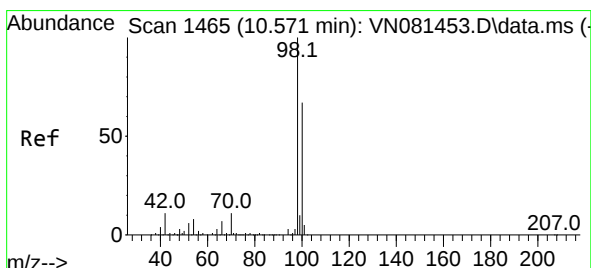
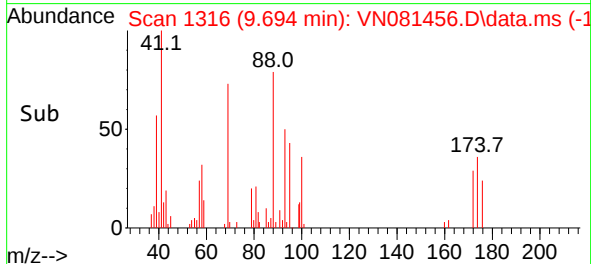
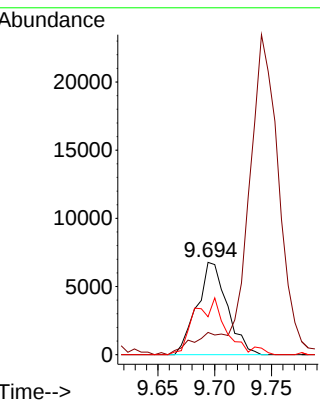
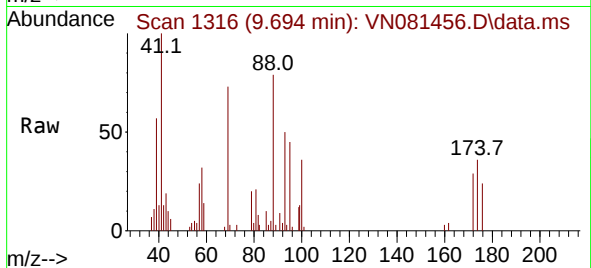
58 65.7 63.9 95.9

Manual Integrations

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Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#50

Toluene-d8

Concen: 4.991 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081456.D

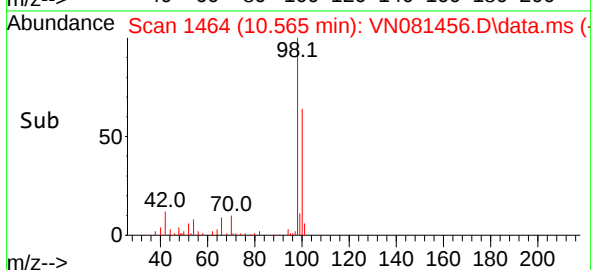
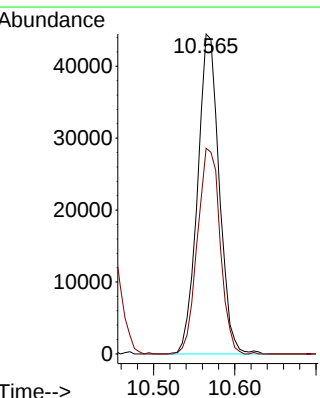
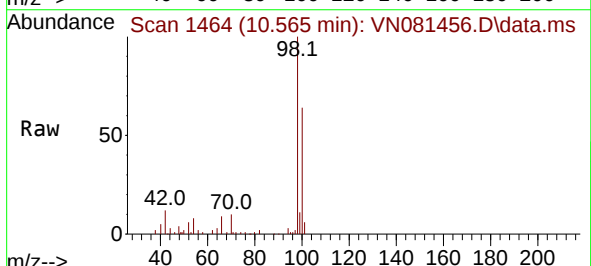
Acq: 18 Mar 2024 17:38

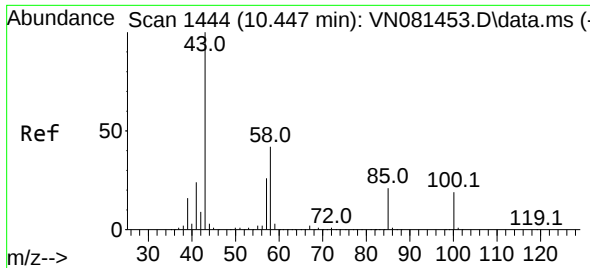
Tgt Ion: 98 Resp: 82349

Ion Ratio Lower Upper

98 100

100 67.2 51.4 77.0





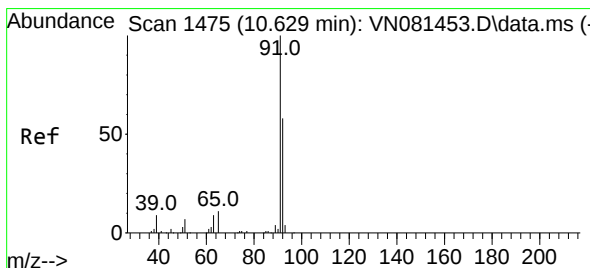
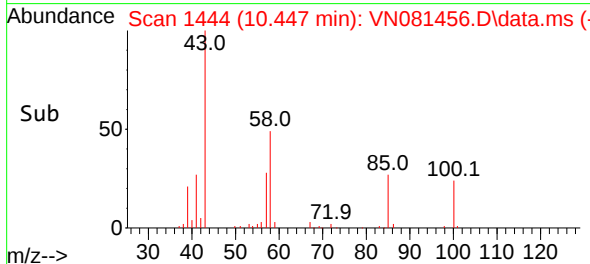
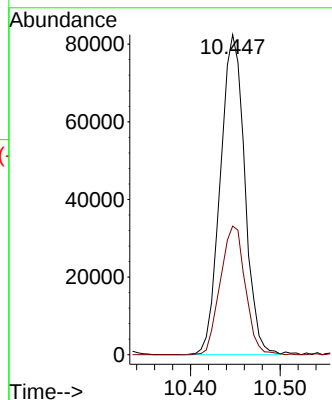
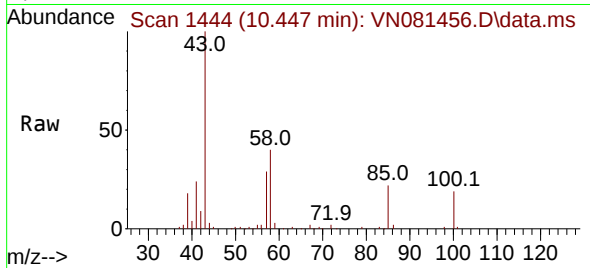
#51
4-Methyl-2-Pentanone
Concen: 23.415 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 15577
Ion Ratio Lower Upper
43 100
58 41.2 29.4 44.0

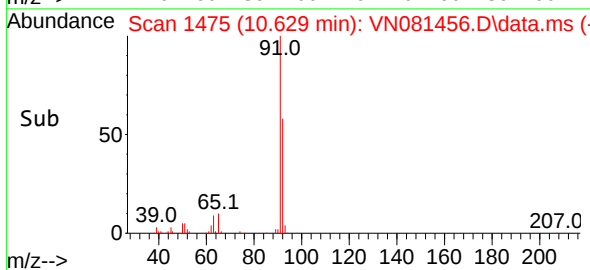
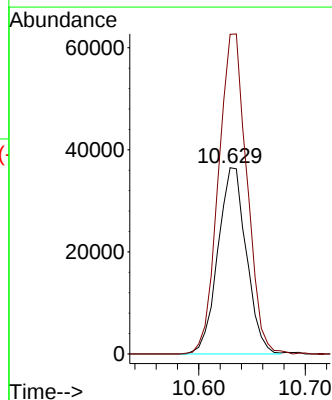
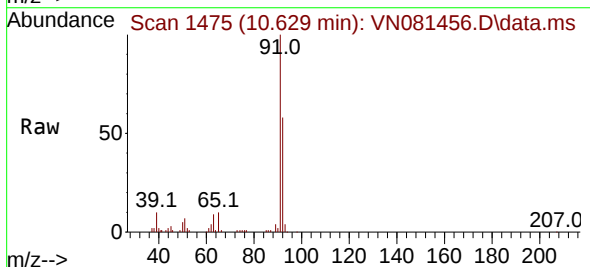
Manual Integrations
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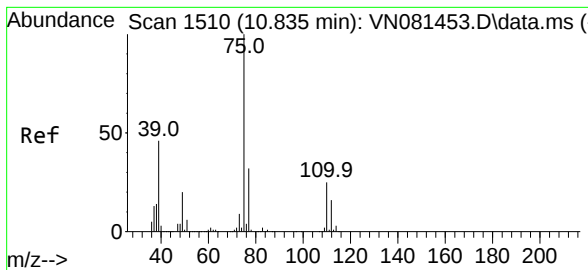
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#52
Toluene
Concen: 4.741 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Tgt Ion: 92 Resp: 67670
Ion Ratio Lower Upper
92 100
91 172.4 139.4 209.0





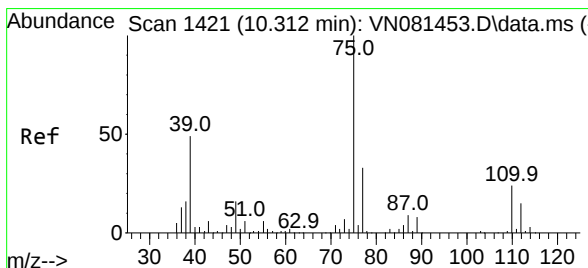
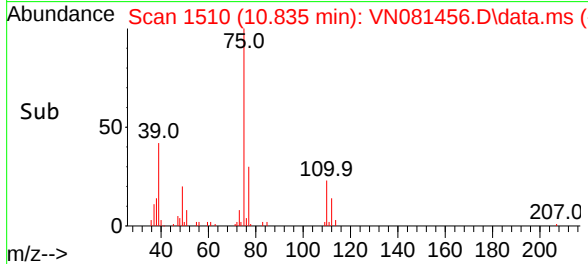
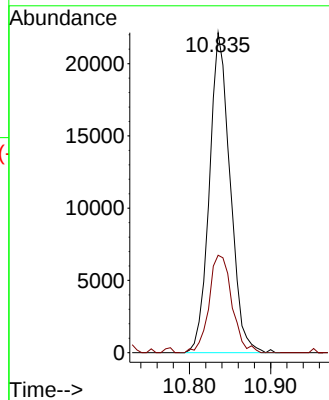
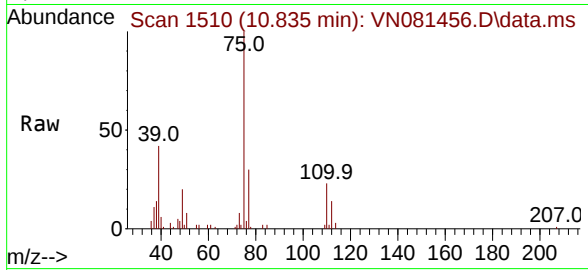
#53
t-1,3-Dichloropropene
Concen: 4.496 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 39230
Ion Ratio Lower Upper
75 100
77 30.5 25.5 38.3

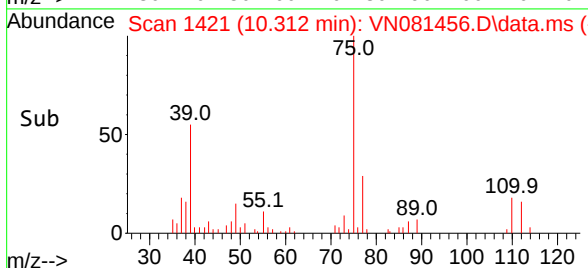
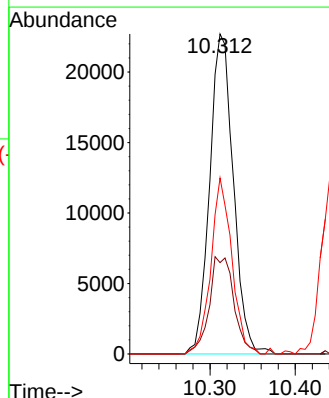
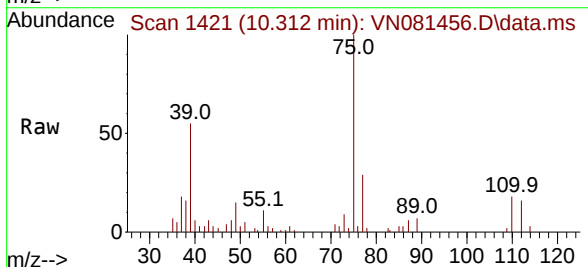
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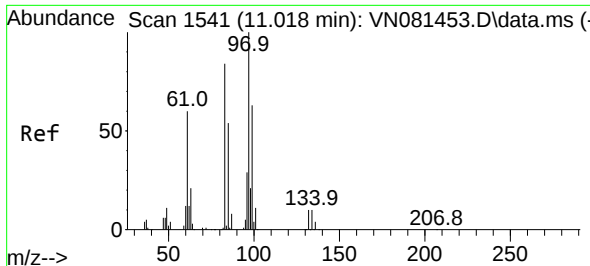
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#54
cis-1,3-Dichloropropene
Concen: 4.695 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

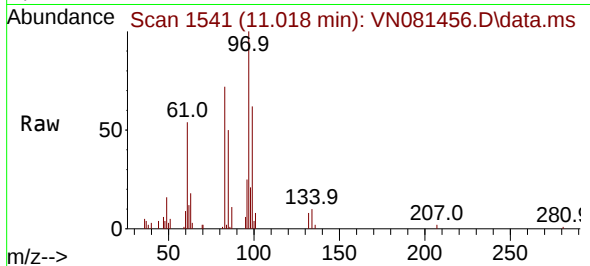
Tgt Ion: 75 Resp: 43921
Ion Ratio Lower Upper
75 100
77 28.6 23.3 34.9
39 55.0 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 4.998 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

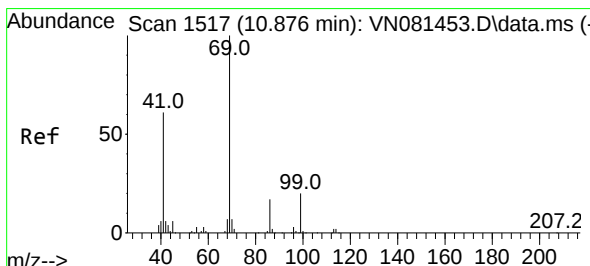
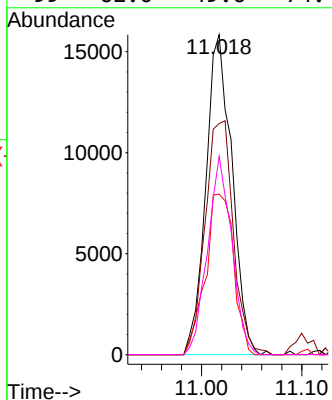
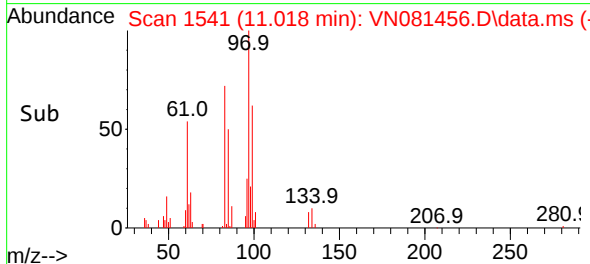
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



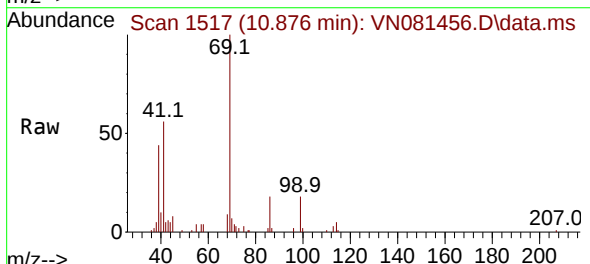
Tgt Ion:	97	Resp:	2870
Ion	Ratio	Lower	Upper
97	100		
83	72.2	72.9	109.3
85	50.2	50.2	75.2
99	62.0	49.6	74.4

Manual Integrations
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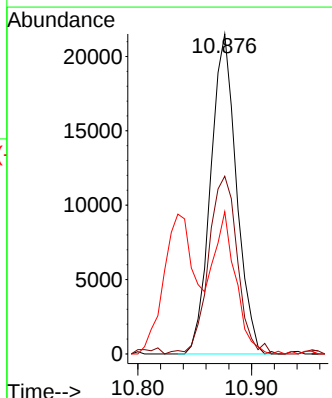
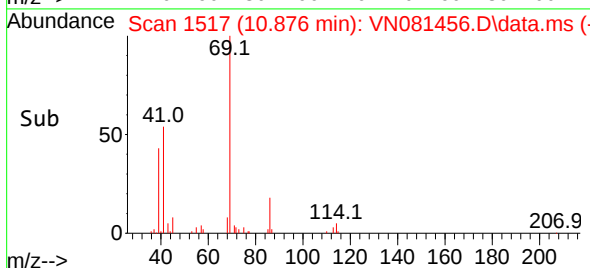
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

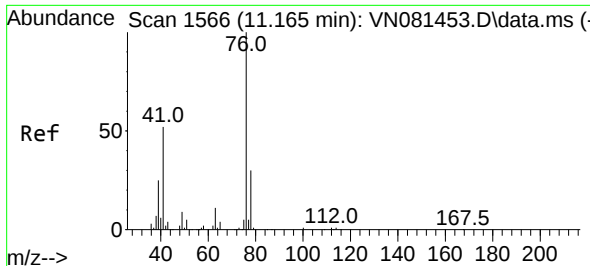


#56
Ethyl methacrylate
Concen: 4.892 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38



Tgt Ion:	69	Resp:	33968
Ion	Ratio	Lower	Upper
69	100		
41	61.7	61.0	91.6
39	38.5	31.8	47.6





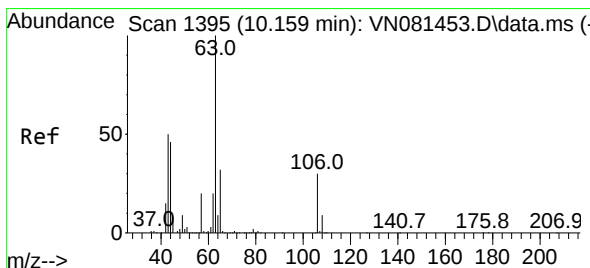
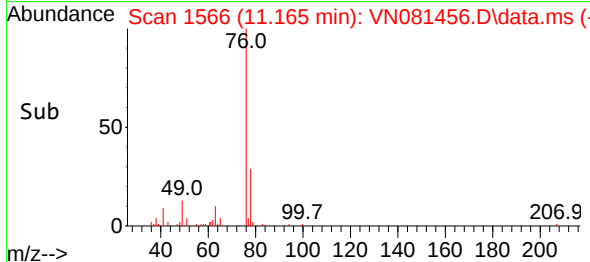
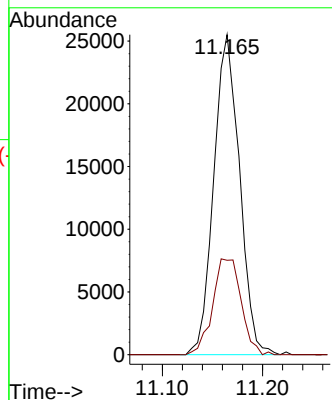
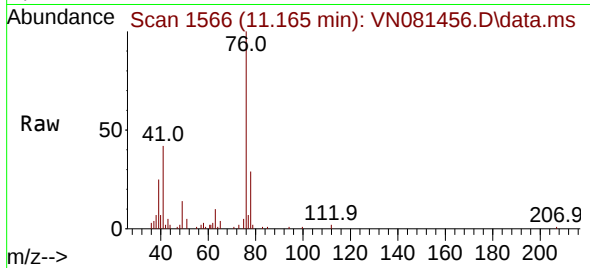
#57
1,3-Dichloropropane
Concen: 4.839 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 4556
Ion Ratio Lower Upper
76 100
78 33.1 25.5 38.3

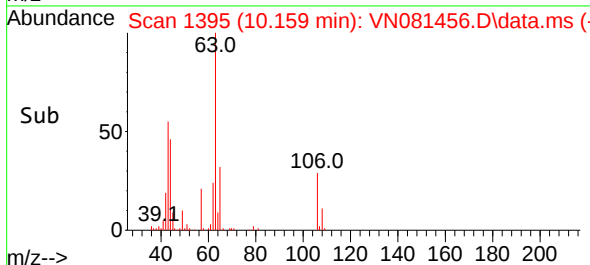
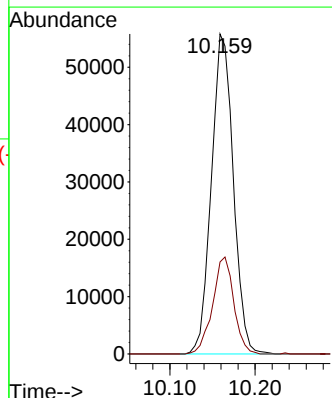
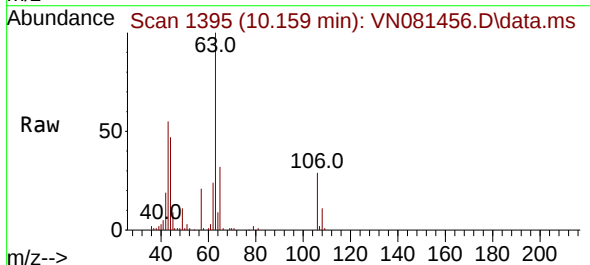
Manual Integrations
APPROVED

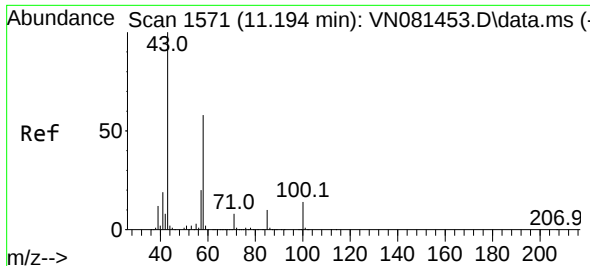
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#58
2-Chloroethyl Vinyl ether
Concen: 27.581 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

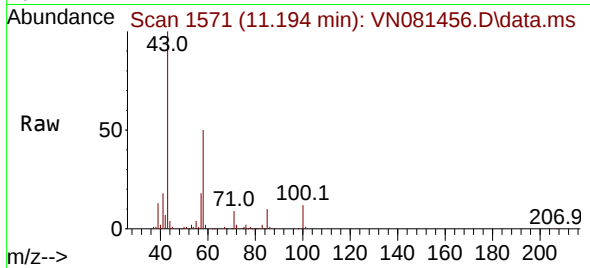
Tgt Ion: 63 Resp: 99687
Ion Ratio Lower Upper
63 100
106 29.3 18.6 28.0#





#59
2-Hexanone
Concen: 23.003 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

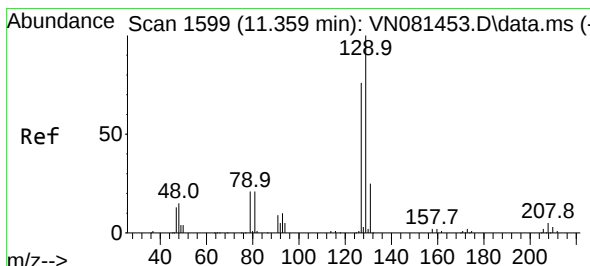
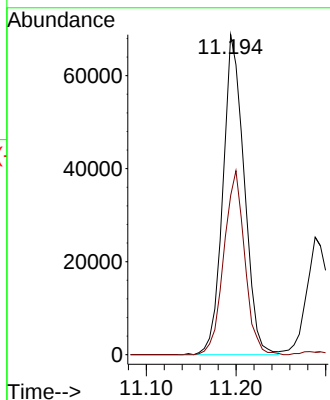
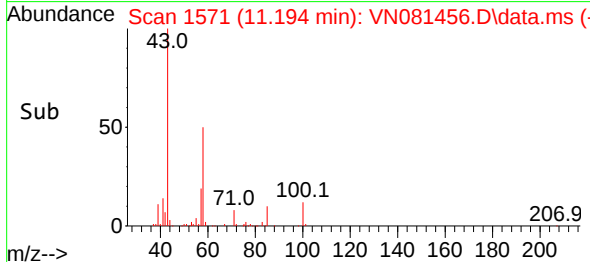
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 11314
Ion Ratio Lower Upper
43 100
58 56.4 25.9 77.8

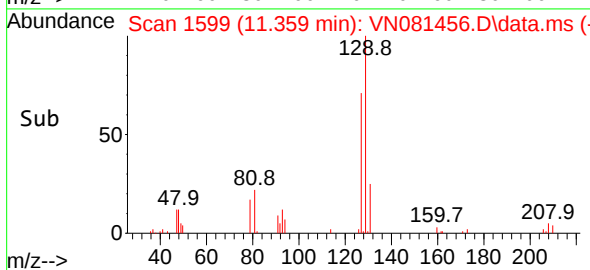
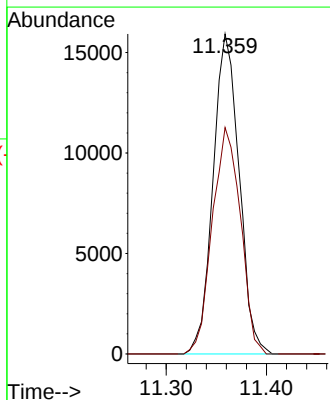
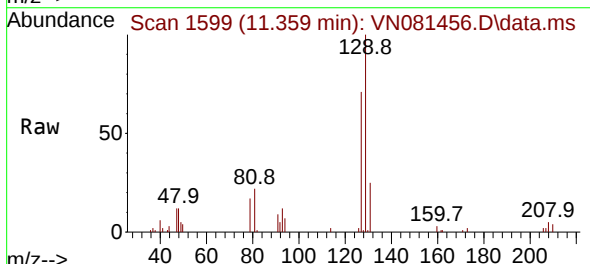
Manual Integrations
APPROVED

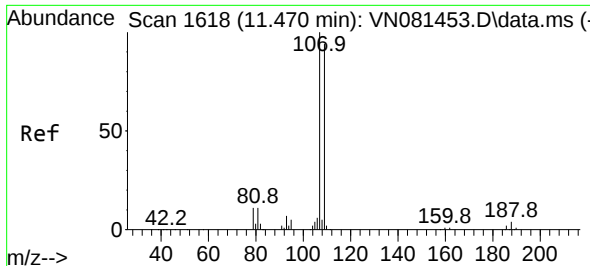
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#60
Dibromochloromethane
Concen: 4.551 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

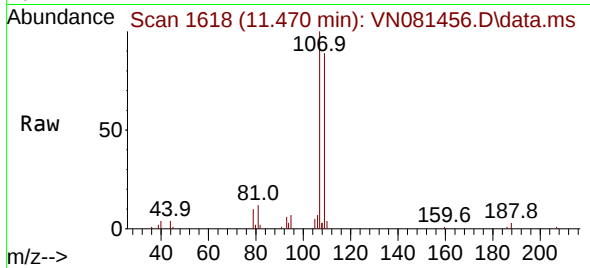
Tgt Ion:129 Resp: 28747
Ion Ratio Lower Upper
129 100
127 76.5 39.4 118.2





#61
1,2-Dibromoethane
Concen: 4.785 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

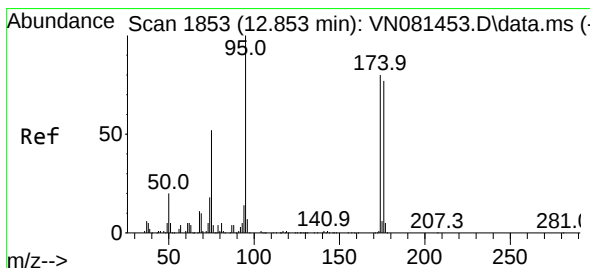
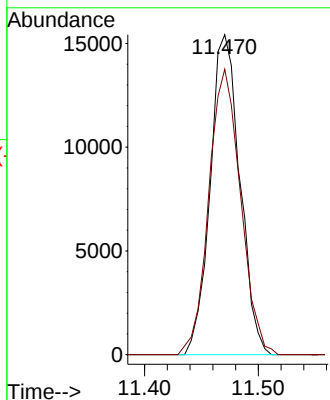
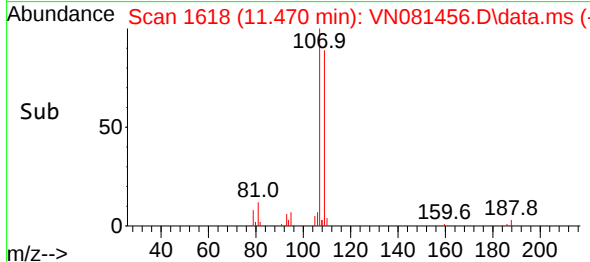
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



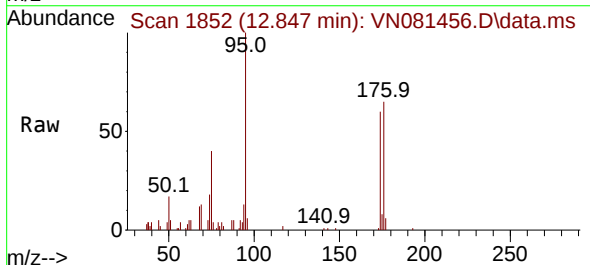
Tgt Ion:107 Resp: 28020
Ion Ratio Lower Upper
107 100
109 95.4 73.4 110.2

Manual Integrations
APPROVED

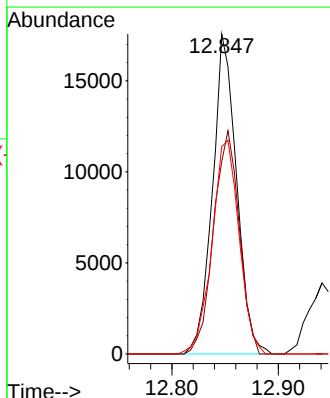
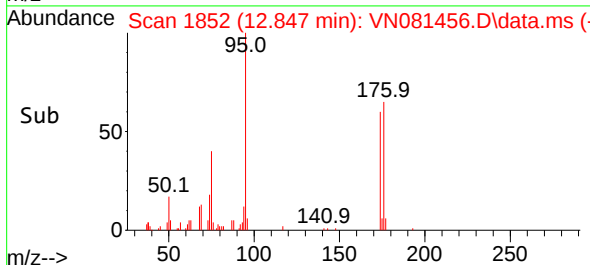
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

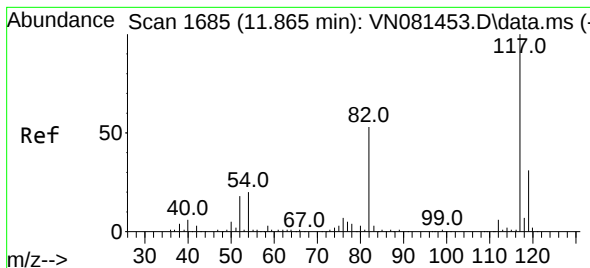


#62
4-Bromofluorobenzene
Concen: 4.742 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38



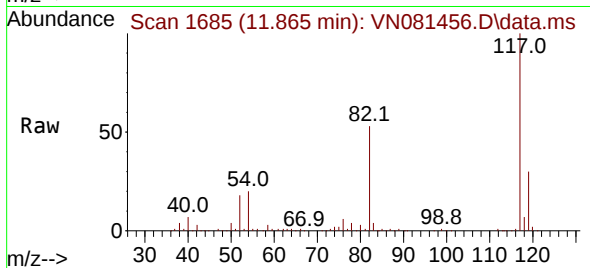
Tgt Ion: 95 Resp: 27567
Ion Ratio Lower Upper
95 100
174 74.6 0.0 120.4
176 75.0 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

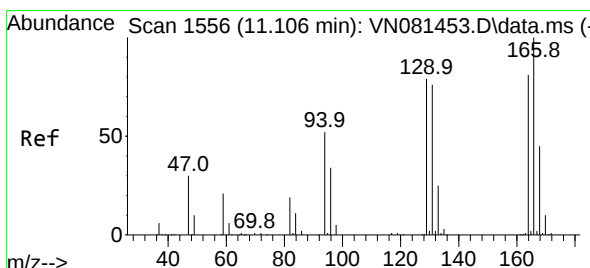
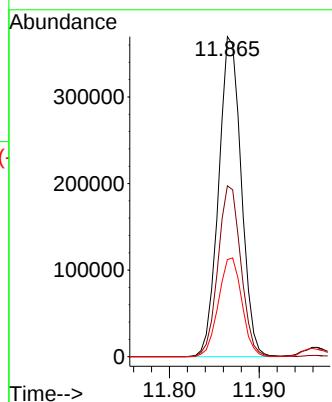
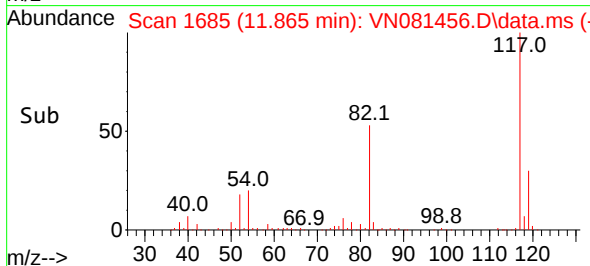
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



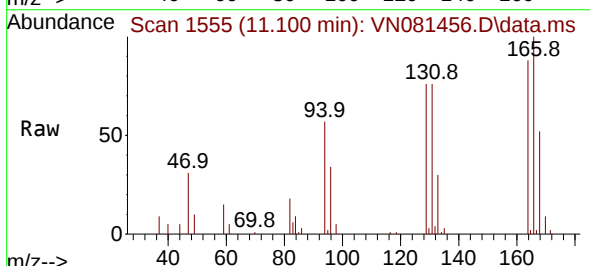
Tgt Ion:117 Resp: 647408
Ion Ratio Lower Upper
117 100
82 53.4 52.7 79.1
119 30.4 25.3 37.9

Manual Integrations
APPROVED

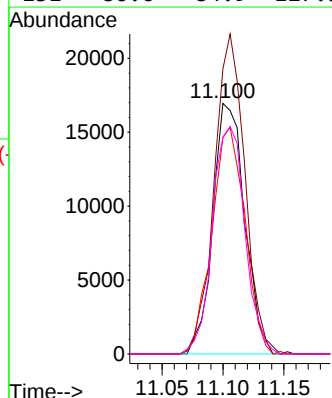
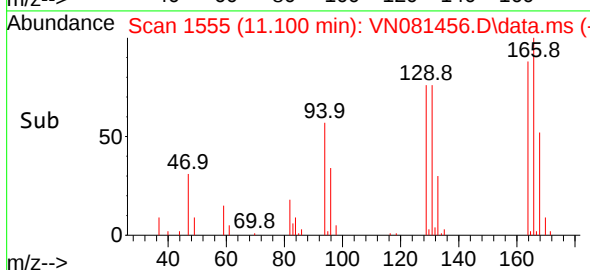
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

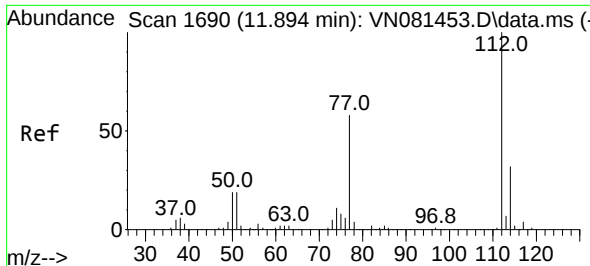


#64
Tetrachloroethene
Concen: 4.961 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38



Tgt Ion:164 Resp: 30701
Ion Ratio Lower Upper
164 100
166 113.8 105.8 158.6
129 86.3 89.6 134.4#
131 86.6 84.9 127.3





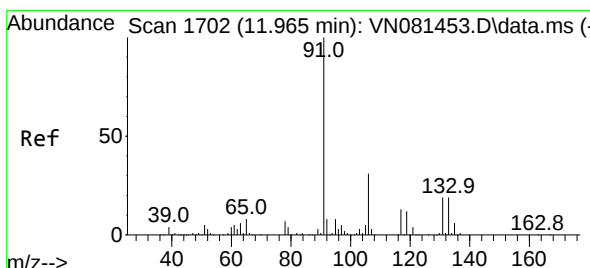
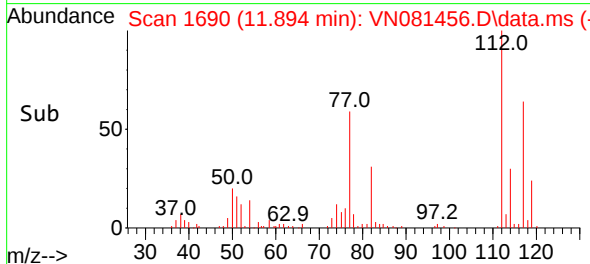
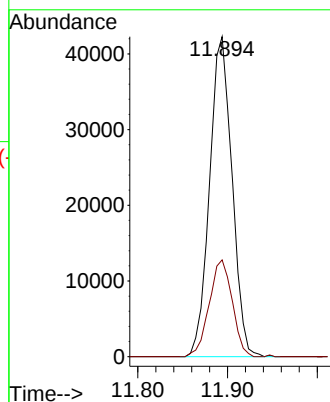
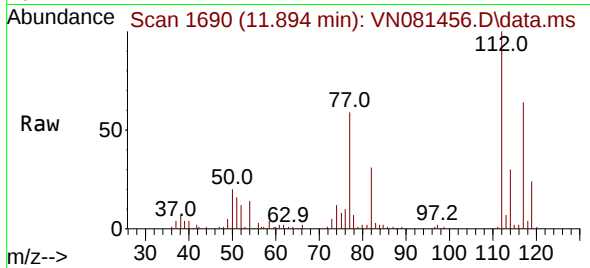
#65
Chlorobenzene
Concen: 4.800 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 73468
Ion Ratio Lower Upper
112 100
114 30.3 23.7 35.5

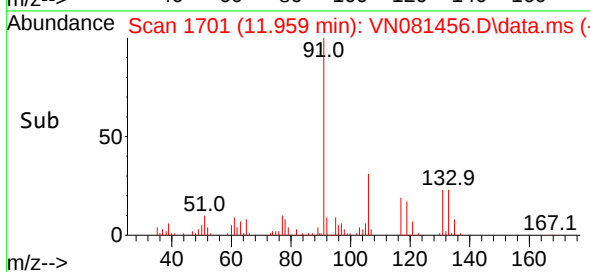
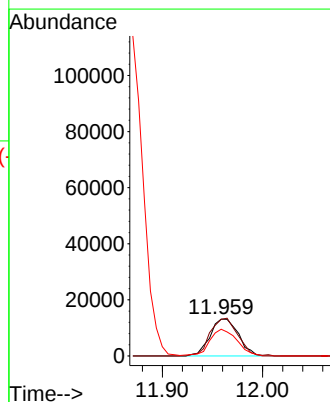
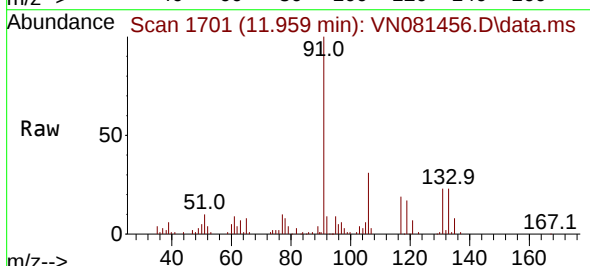
Manual Integrations
APPROVED

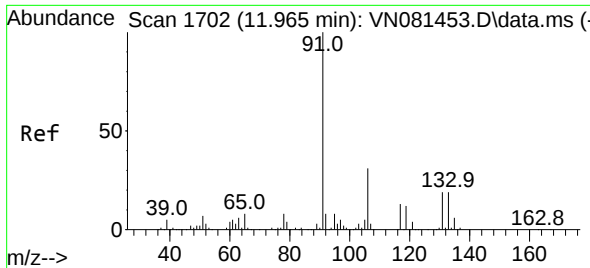
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.565 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Tgt Ion:131 Resp: 25896
Ion Ratio Lower Upper
131 100
133 99.8 46.8 140.3
119 69.6 34.6 103.9





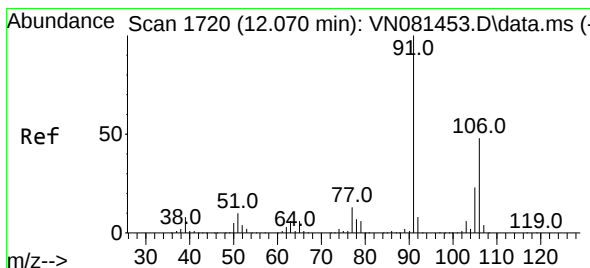
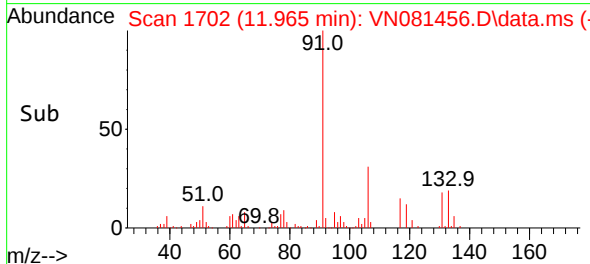
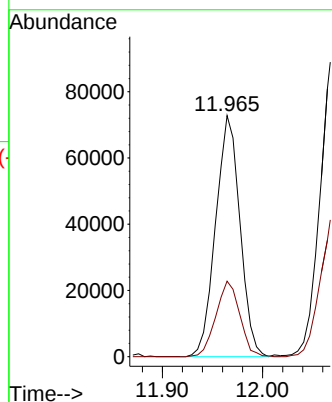
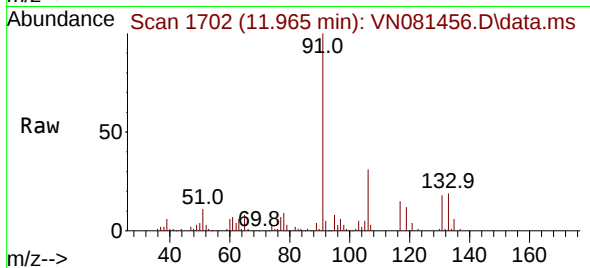
#67
Ethyl Benzene
Concen: 4.620 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 12282
Ion Ratio Lower Upper
91 100
106 31.3 23.8 35.6

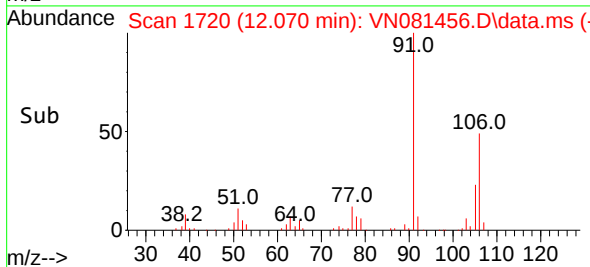
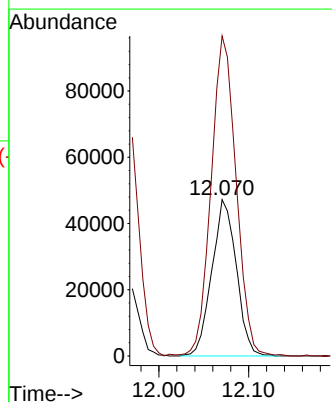
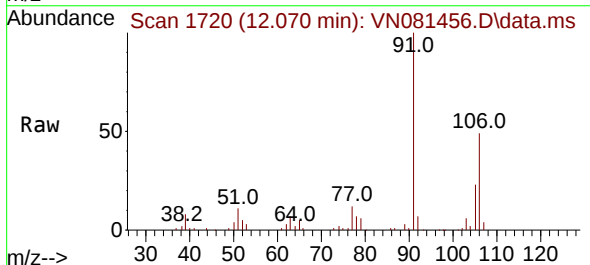
Manual Integrations
APPROVED

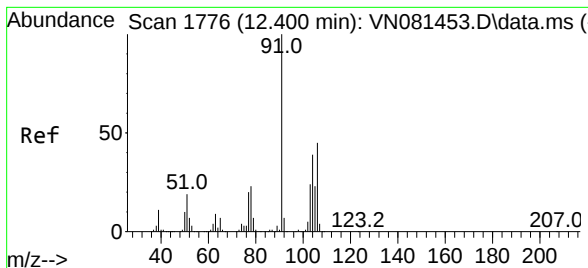
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#68
m/p-Xylenes
Concen: 8.981 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Tgt Ion:106 Resp: 89511
Ion Ratio Lower Upper
106 100
91 208.7 169.0 253.6





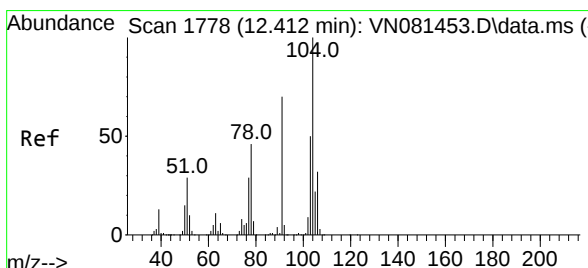
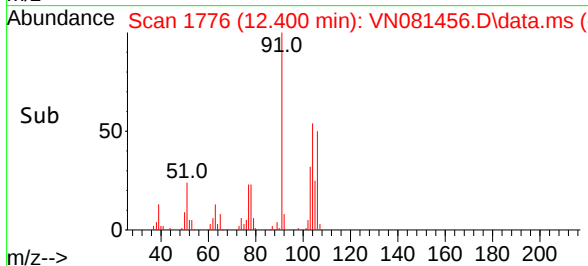
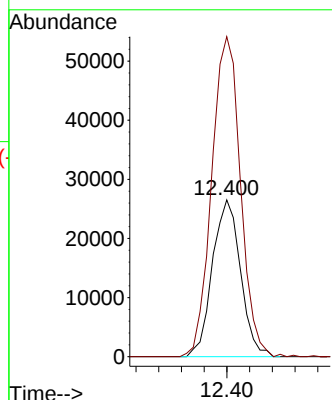
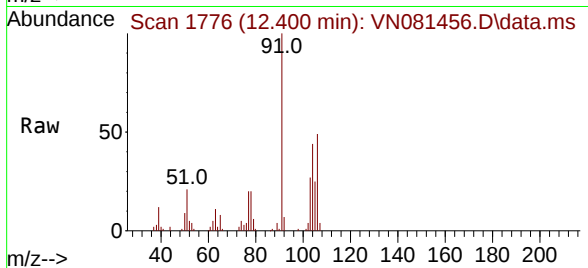
#69
o-Xylene
Concen: 4.657 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 4556
Ion Ratio Lower Upper
106 100
91 209.3 112.1 336.3

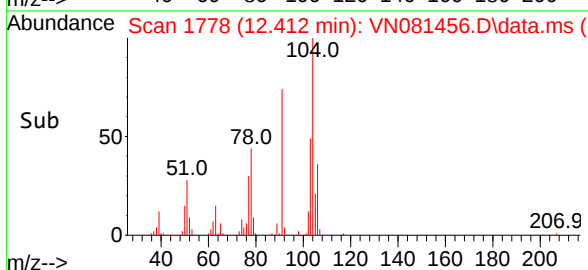
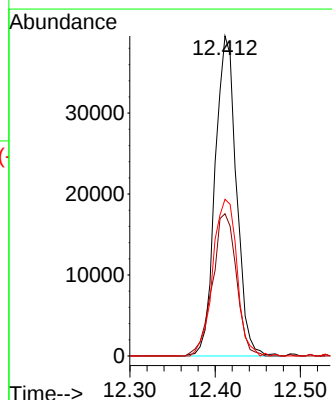
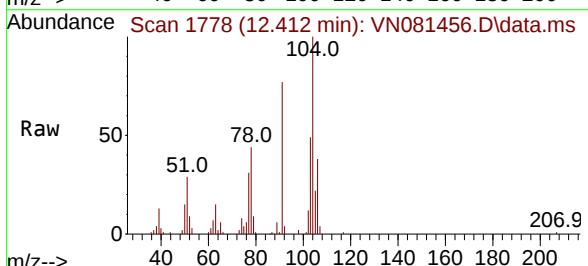
Manual Integrations
APPROVED

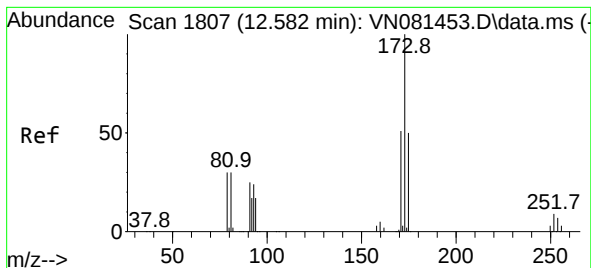
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#70
Styrene
Concen: 4.341 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Tgt Ion:104 Resp: 68505
Ion Ratio Lower Upper
104 100
78 50.0 43.8 65.8
103 55.5 44.2 66.2





#71

Bromoform

Concen: 4.545 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081456.D

Acq: 18 Mar 2024 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

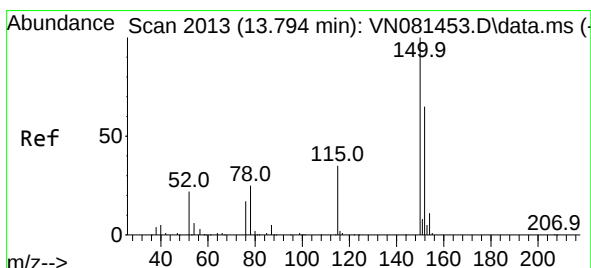
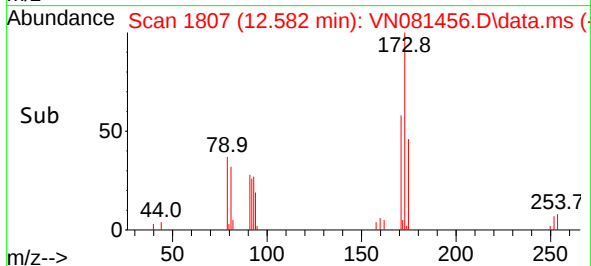
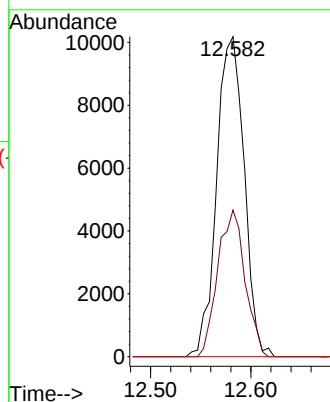
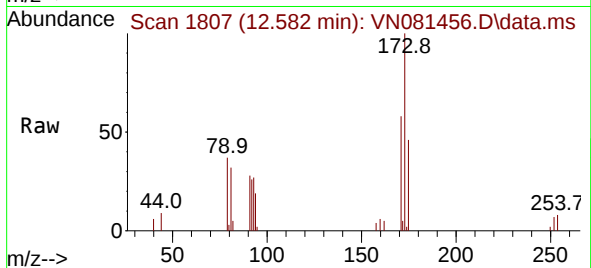
Tgt Ion:173	Resp:	1937
Ion Ratio	Lower	Upper
173	100	
175	45.5	23.1 69.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

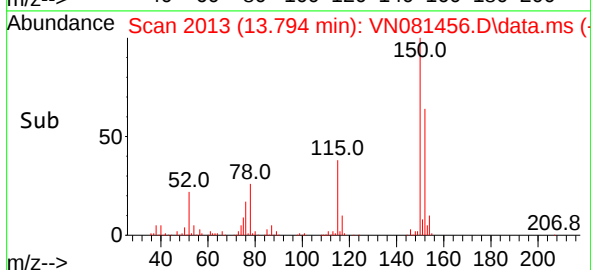
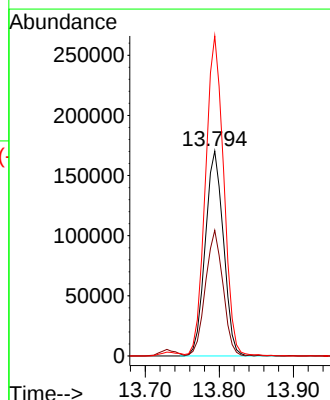
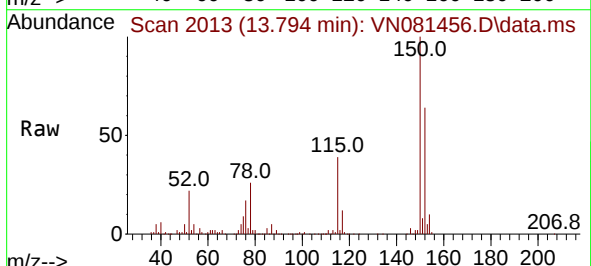
RT: 13.794 min Scan# 2013

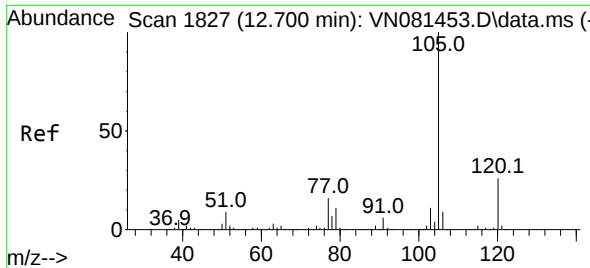
Delta R.T. -0.000 min

Lab File: VN081456.D

Acq: 18 Mar 2024 17:38

Tgt Ion:152	Resp:	290444
Ion Ratio	Lower	Upper
152	100	
115	59.3	32.3 96.8
150	156.8	0.0 339.8





#73
Isopropylbenzene
Concen: 4.604 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Instrument :

MSVOA_N

ClientSampleId :

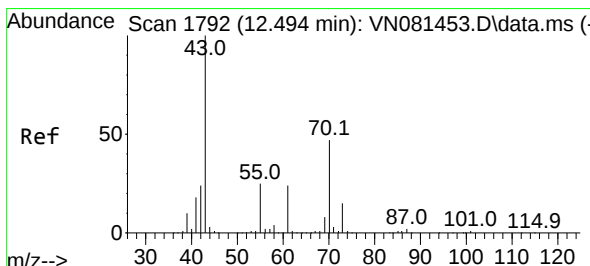
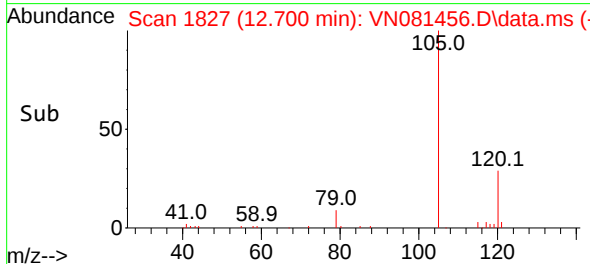
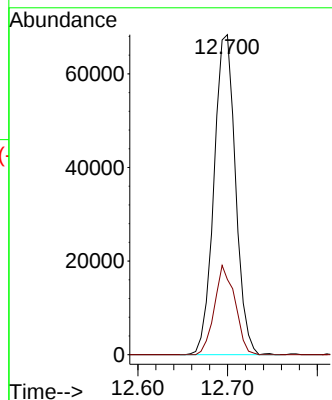
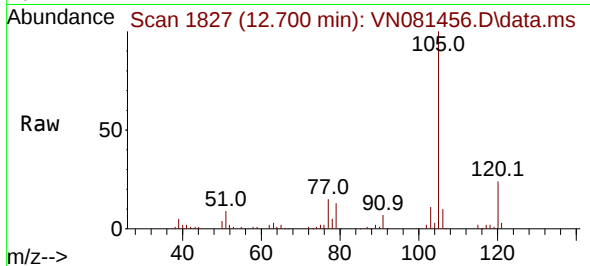
VSTDIC005

Tgt Ion:105 Resp: 113978
Ion Ratio Lower Upper
105 100
120 26.5 12.6 37.6

Manual Integrations

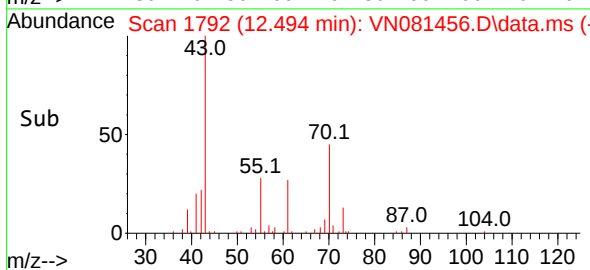
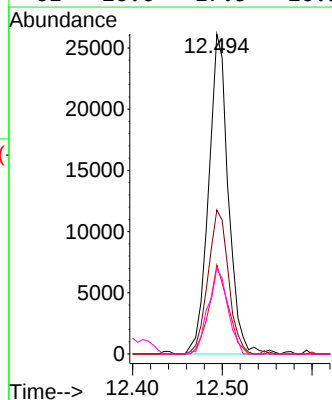
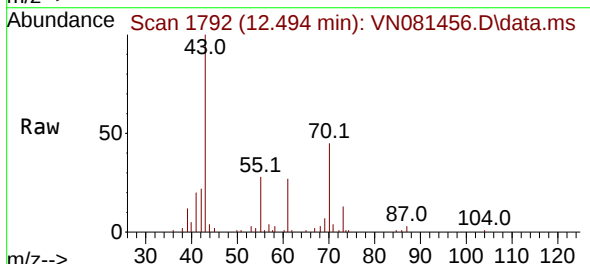
APPROVED

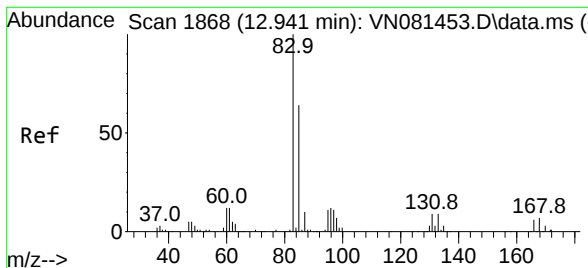
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#74
N-ethyl acetate
Concen: 4.446 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

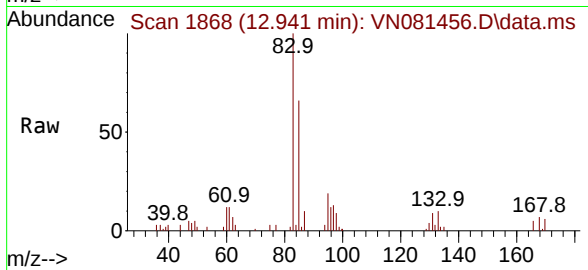
Tgt Ion: 43 Resp: 39838
Ion Ratio Lower Upper
43 100
70 46.7 30.1 45.1#
55 27.0 17.0 25.4#
61 26.6 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 4.970 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

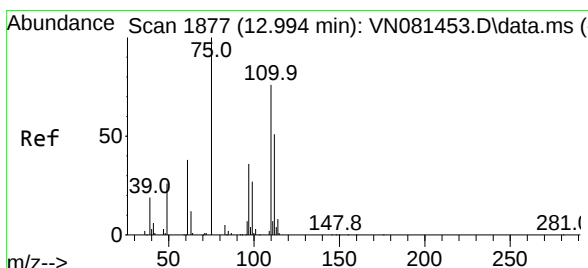
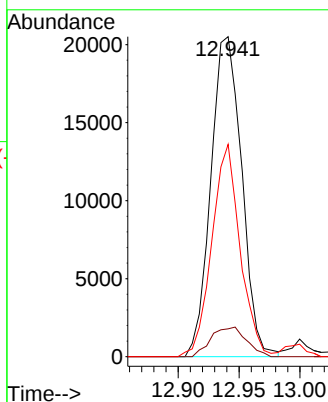
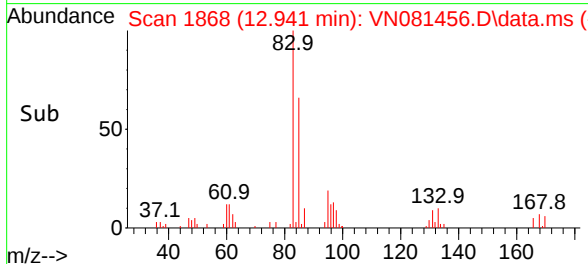
Instrument : MSVOA_N
ClientSampleId : VSTDIC005



Tgt Ion: 83 Resp: 36179
Ion Ratio Lower Upper
83 100
131 10.6 4.1 12.3
85 60.6 32.1 96.3

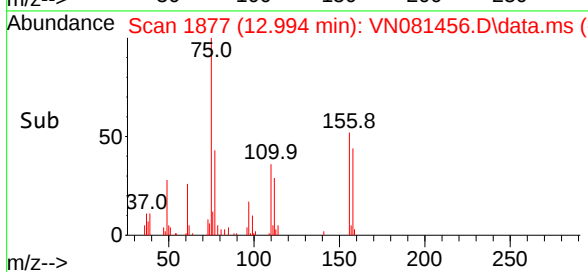
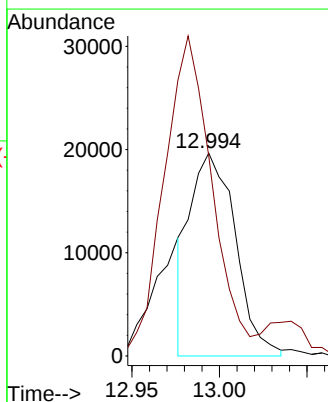
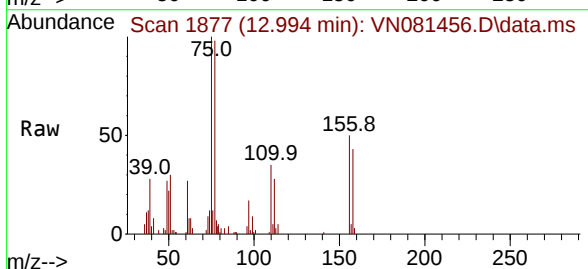
Manual Integrations
APPROVED

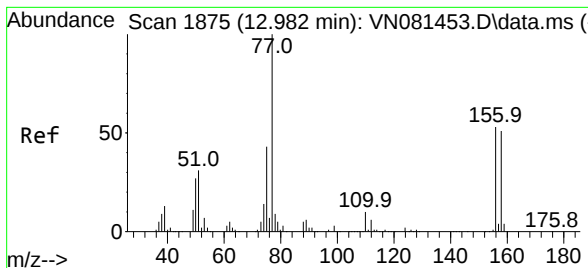
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#76
1,2,3-Trichloropropane
Concen: 5.090 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Tgt Ion: 75 Resp: 35283
Ion Ratio Lower Upper
75 100
77 167.0 91.0 272.8





#77

Bromobenzene

Concen: 4.922 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081456.D

Acq: 18 Mar 2024 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:156 Resp: 3010

Ion Ratio Lower Upper

156 100

77 195.8 138.1 414.3

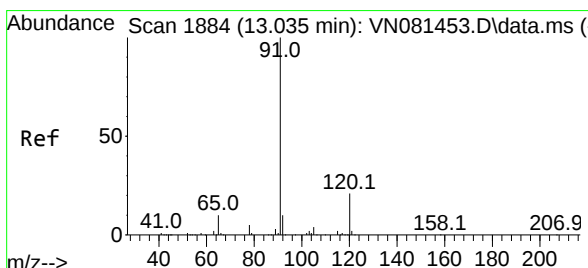
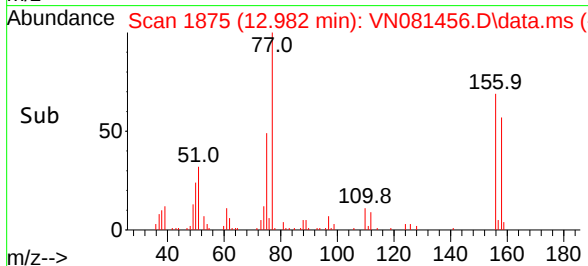
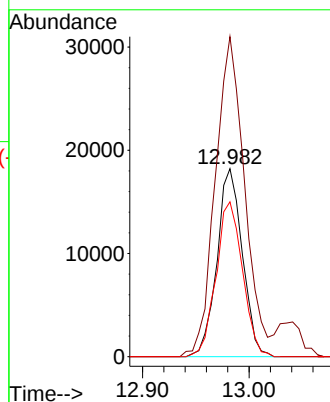
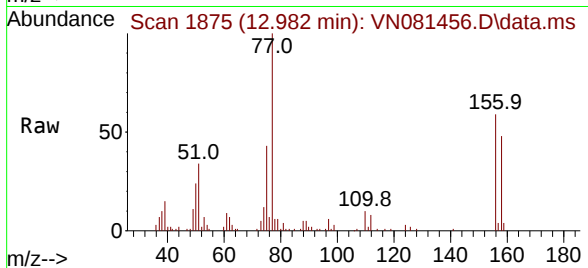
158 86.0 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#78

n-propylbenzene

Concen: 4.536 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN081456.D

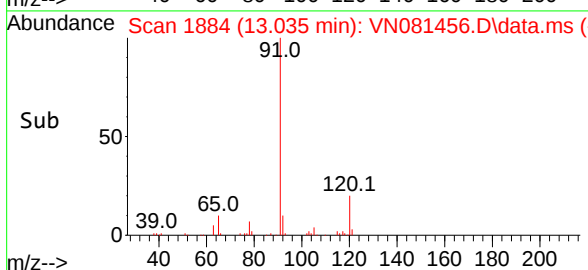
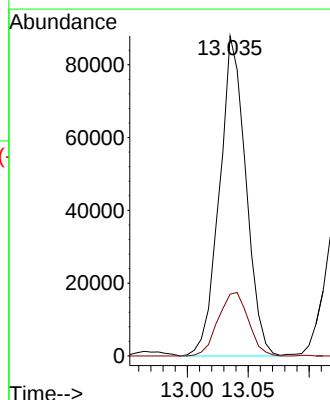
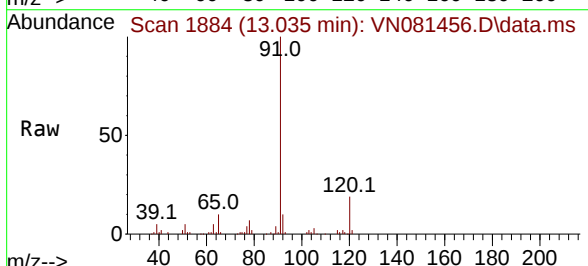
Acq: 18 Mar 2024 17:38

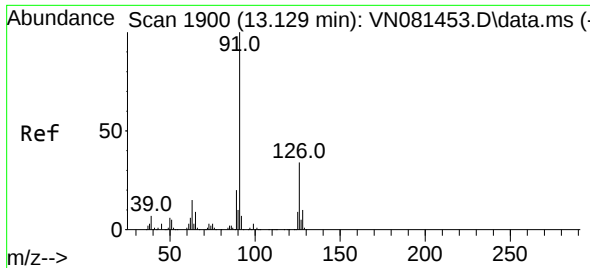
Tgt Ion: 91 Resp: 132615

Ion Ratio Lower Upper

91 100

120 22.7 10.3 30.9





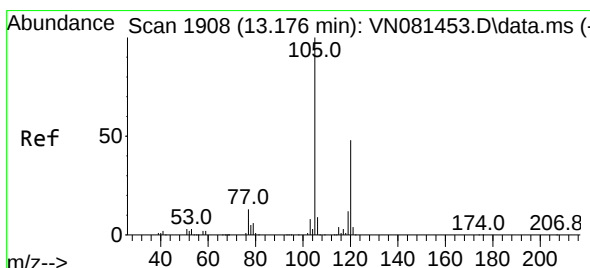
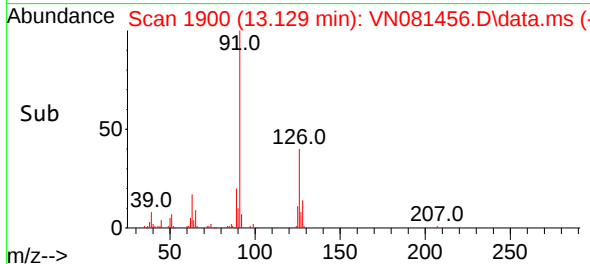
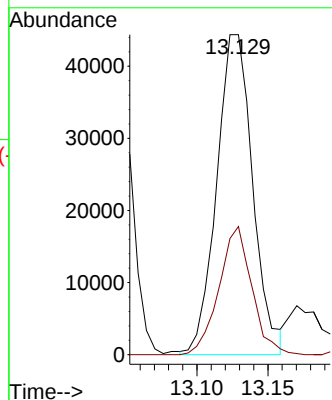
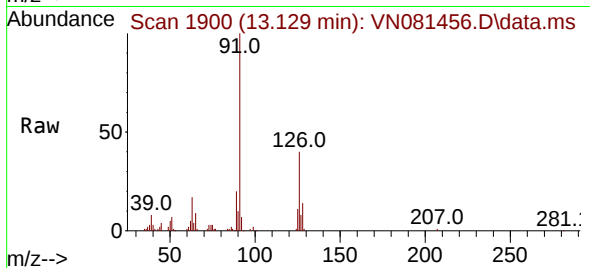
#79
2-Chlorotoluene
Concen: 4.481 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 7841
Ion Ratio Lower Upper
91 100
126 36.4 14.8 44.4

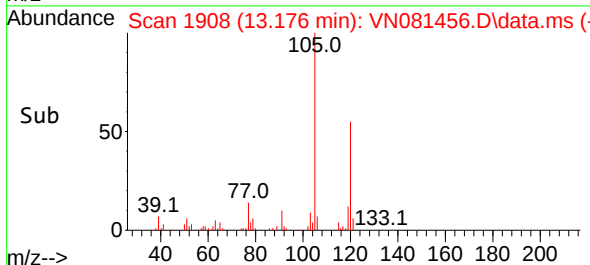
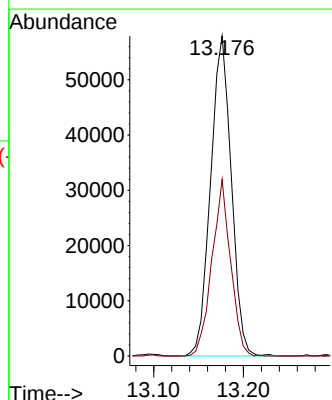
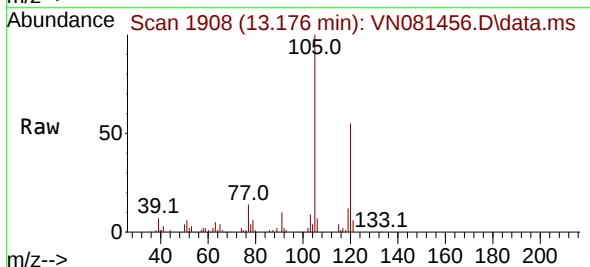
Manual Integrations
APPROVED

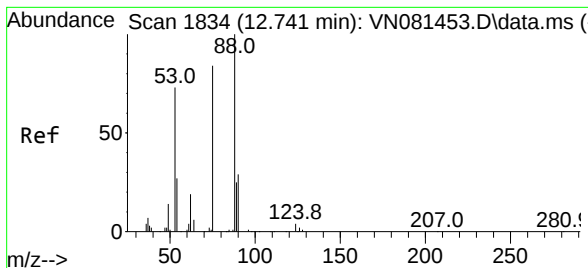
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#80
1,3,5-Trimethylbenzene
Concen: 4.537 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

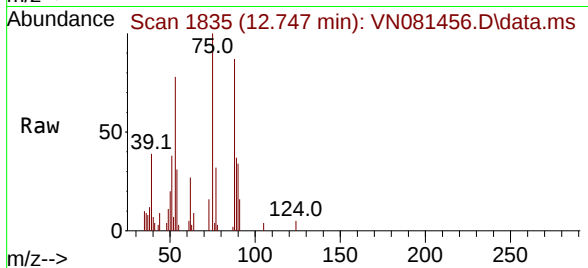
Tgt Ion:105 Resp: 92784
Ion Ratio Lower Upper
105 100
120 49.9 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 4.433 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

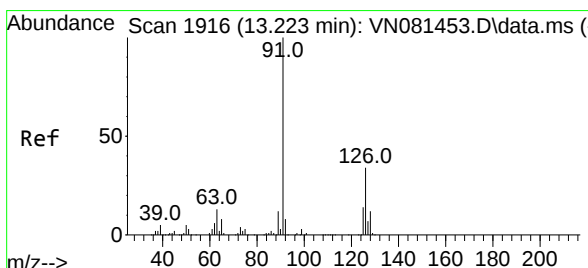
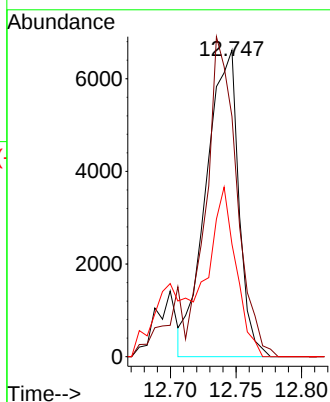
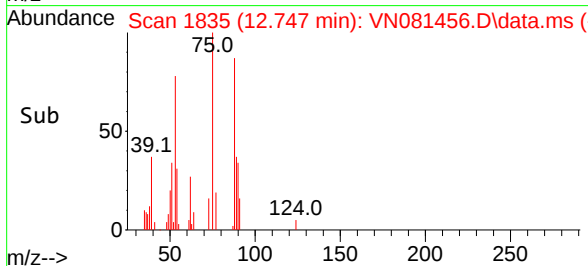
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 1139
Ion Ratio Lower Upper
75 100
53 110.5 71.4 107.2
89 45.9 33.4 50.0

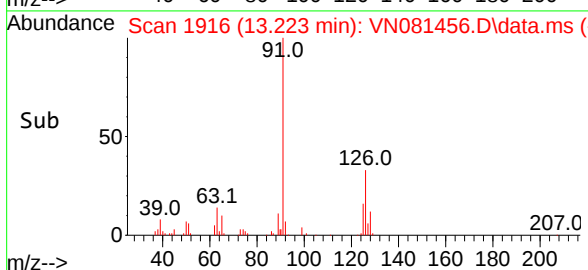
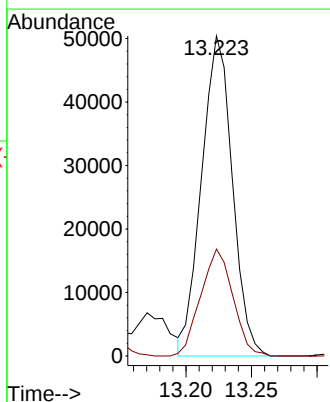
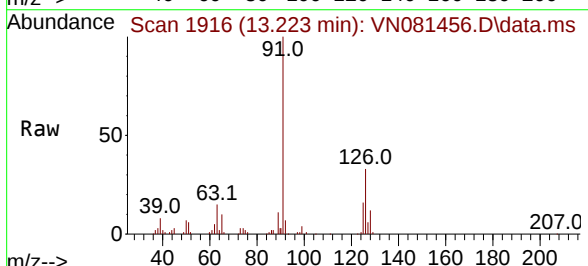
Manual Integrations
APPROVED

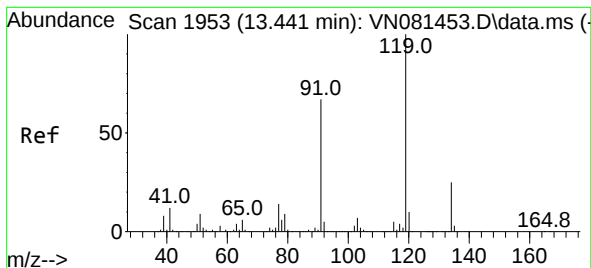
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#82
4-Chlorotoluene
Concen: 4.773 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

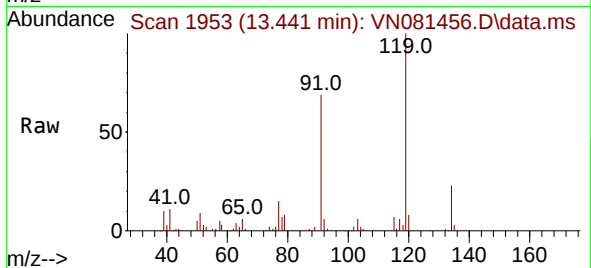
Tgt Ion: 91 Resp: 82354
Ion Ratio Lower Upper
91 100
126 34.8 15.3 45.9





#83
tert-Butylbenzene
Concen: 4.597 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

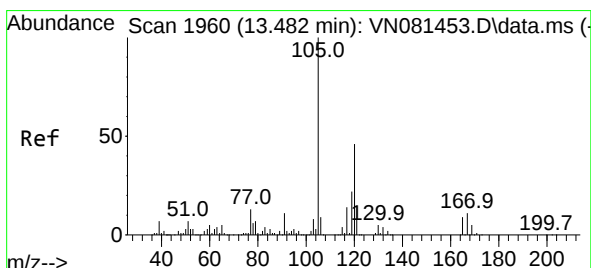
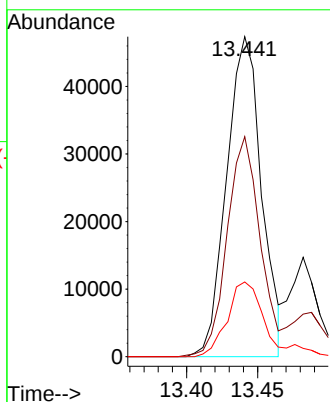
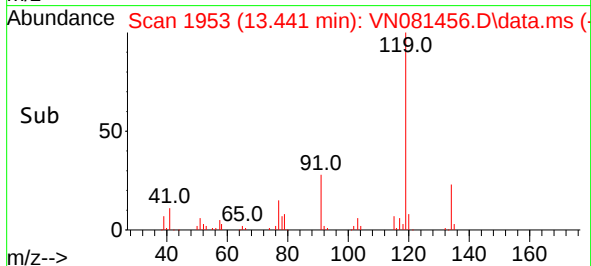
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



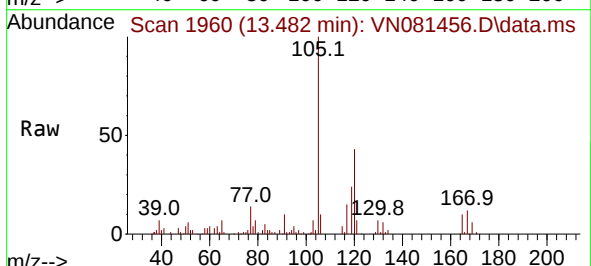
Tgt Ion:119 Resp: 81070
Ion Ratio Lower Upper
119 100
91 66.7 36.8 110.4
134 23.7 12.4 37.4

Manual Integrations
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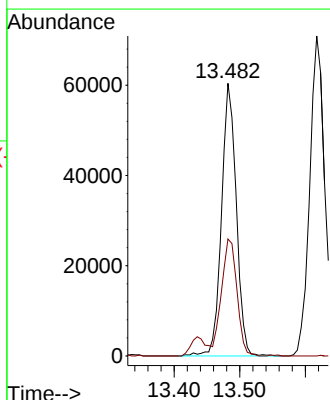
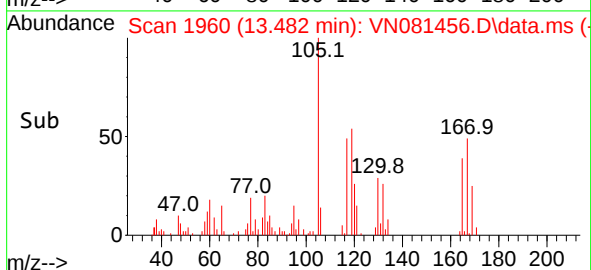
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

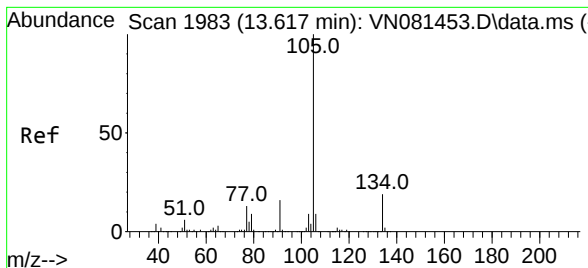


#84
1,2,4-Trimethylbenzene
Concen: 4.576 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38



Tgt Ion:105 Resp: 94039
Ion Ratio Lower Upper
105 100
120 44.6 20.9 62.7





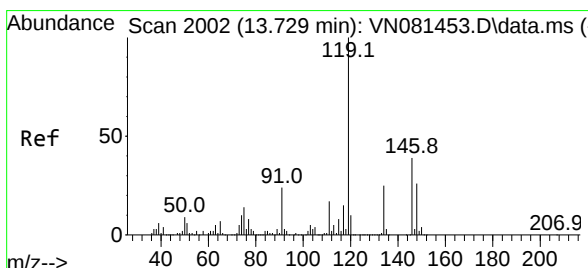
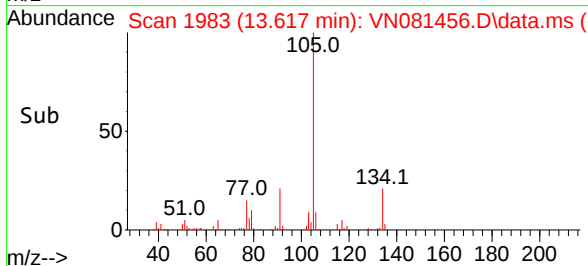
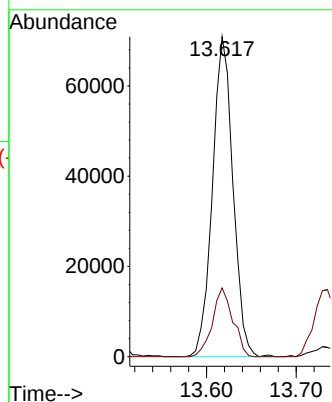
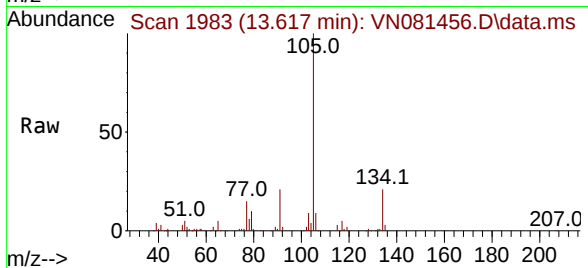
#85
 sec-Butylbenzene
 Concen: 4.462 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081456.D
 Acq: 18 Mar 2024 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 11248
 Ion Ratio Lower Upper
 105 100
 134 21.4 8.6 25.8

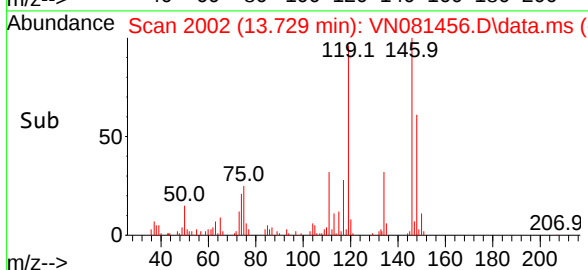
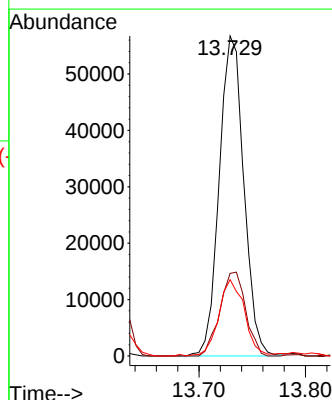
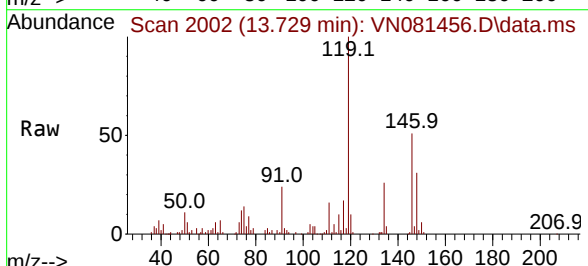
Manual Integrations
 APPROVED

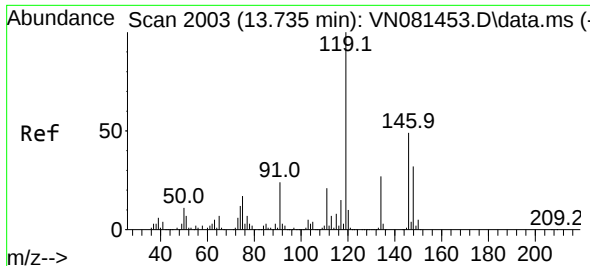
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024



#86
 p-Isopropyltoluene
 Concen: 4.407 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081456.D
 Acq: 18 Mar 2024 17:38

Tgt Ion:119 Resp: 90807
 Ion Ratio Lower Upper
 119 100
 134 27.5 12.4 37.2
 91 25.0 13.5 40.4





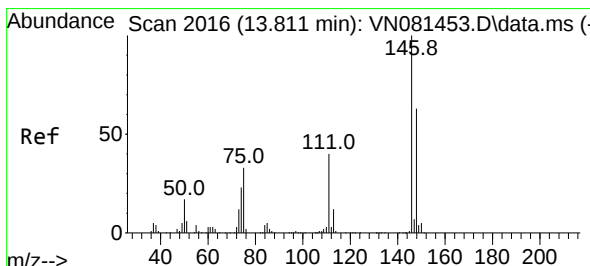
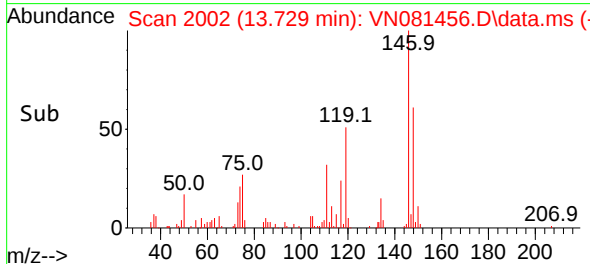
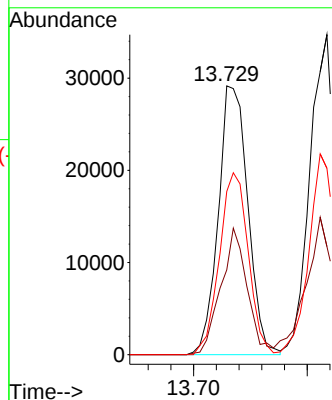
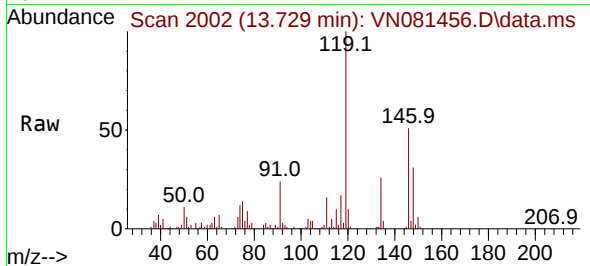
#87
1,3-Dichlorobenzene
Concen: 4.683 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 5262
Ion Ratio Lower Upper
146 100
111 42.2 23.9 71.7
148 66.1 32.6 97.7

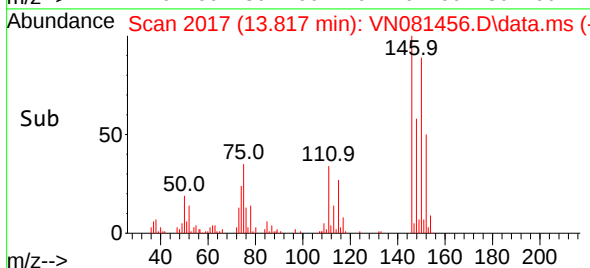
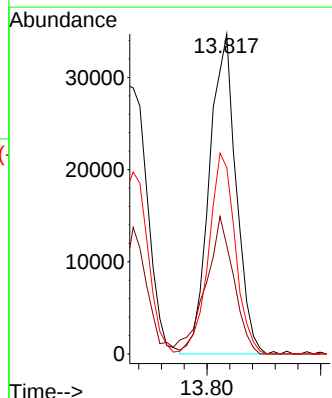
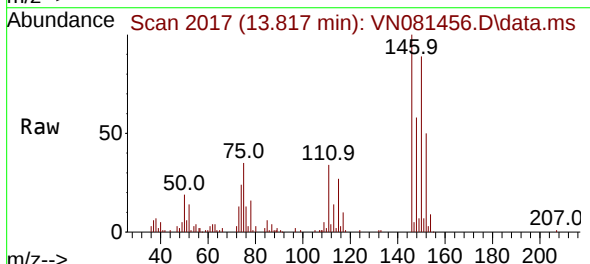
Manual Integrations
APPROVED

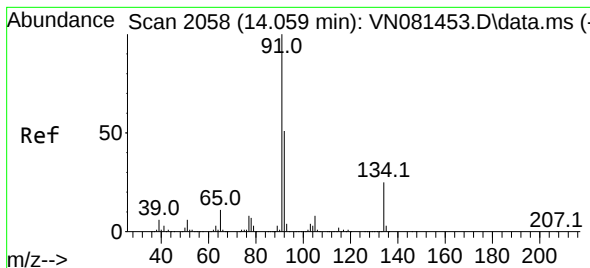
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#88
1,4-Dichlorobenzene
Concen: 4.880 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Tgt Ion:146 Resp: 56781
Ion Ratio Lower Upper
146 100
111 45.1 22.6 67.7
148 62.6 31.9 95.5





#89

n-Butylbenzene

Concen: 4.408 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081456.D

Acq: 18 Mar 2024 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

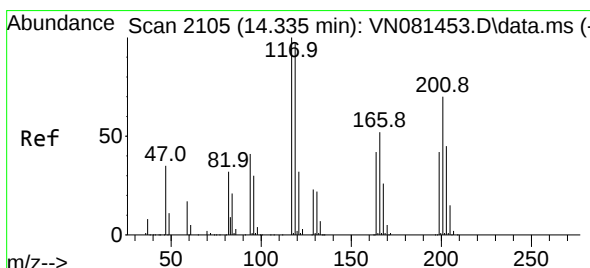
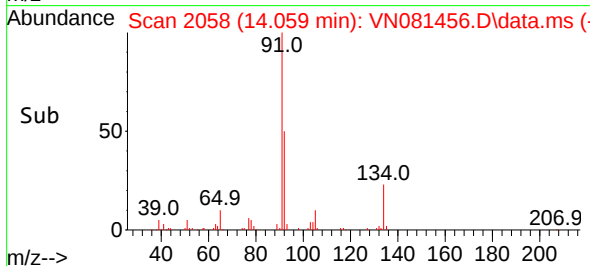
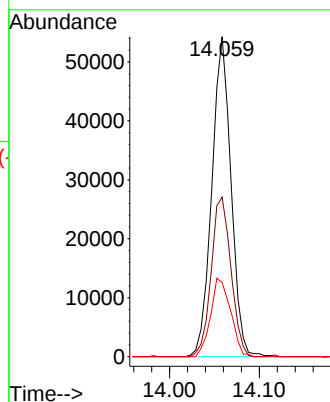
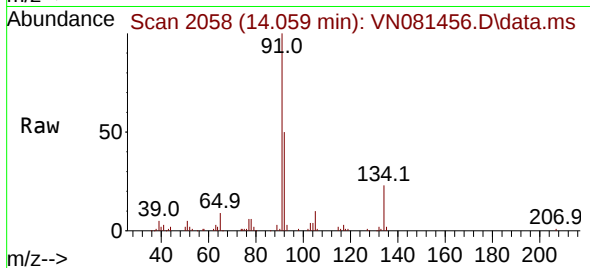
Tgt Ion:	91	Resp:	80550
Ion Ratio	Lower	Upper	
91	100		
92	51.3	26.7	80.1
134	25.6	10.8	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#90

Hexachloroethane

Concen: 4.678 ug/l

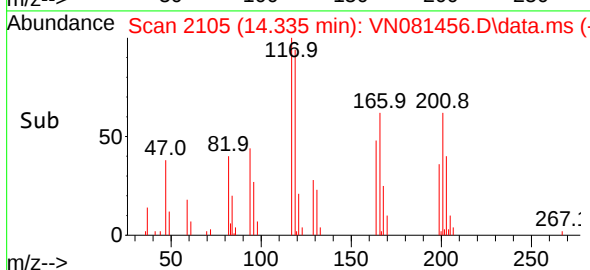
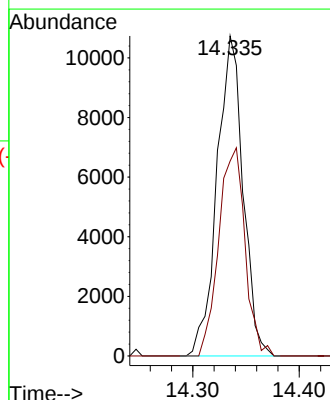
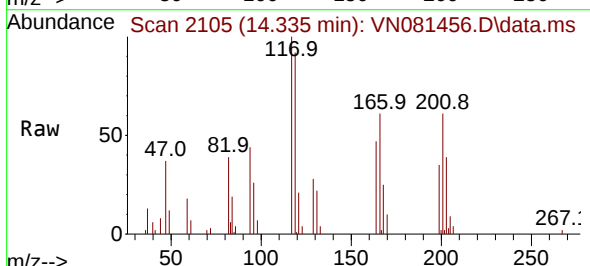
RT: 14.335 min Scan# 2105

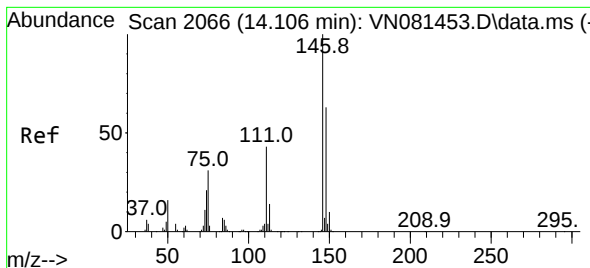
Delta R.T. -0.000 min

Lab File: VN081456.D

Acq: 18 Mar 2024 17:38

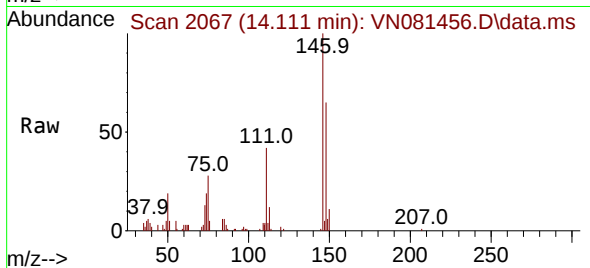
Tgt Ion:	117	Resp:	18257
Ion Ratio	Lower	Upper	
117	100		
201	65.4	30.0	90.0





#91
1,2-Dichlorobenzene
Concen: 4.583 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

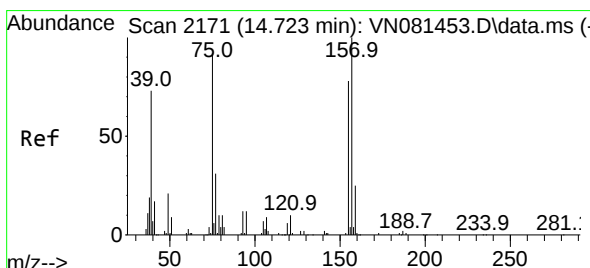
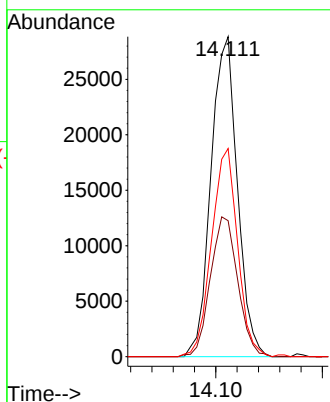
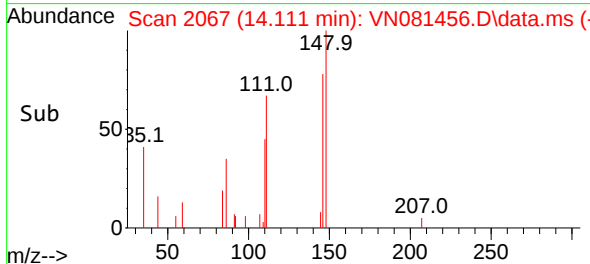
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:146 Resp: 49562
Ion Ratio Lower Upper
146 100
111 45.4 23.9 71.8
148 64.3 31.4 94.0

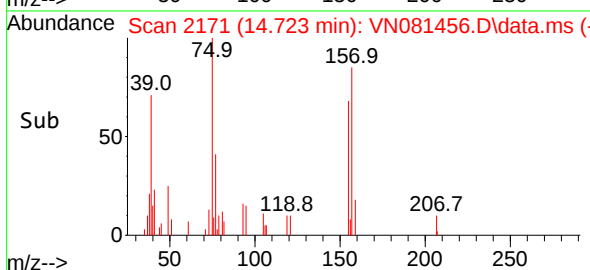
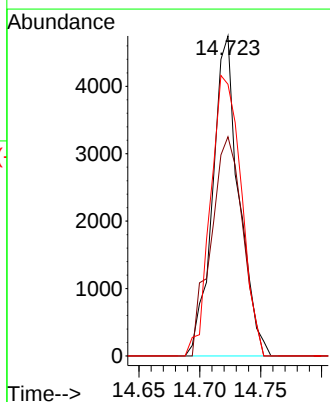
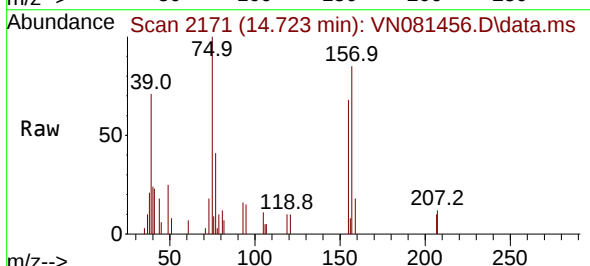
Manual Integrations
APPROVED

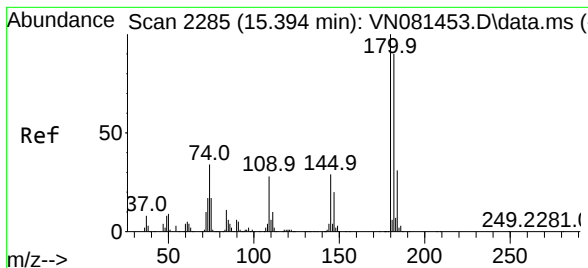
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.637 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081456.D
Acq: 18 Mar 2024 17:38

Tgt Ion: 75 Resp: 7183
Ion Ratio Lower Upper
75 100
155 82.4 31.8 95.4
157 101.5 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 4.316 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081456.D

Acq: 18 Mar 2024 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:180 Resp: 2699

Ion Ratio Lower Upper

180 100

182 95.3 46.6 139.7

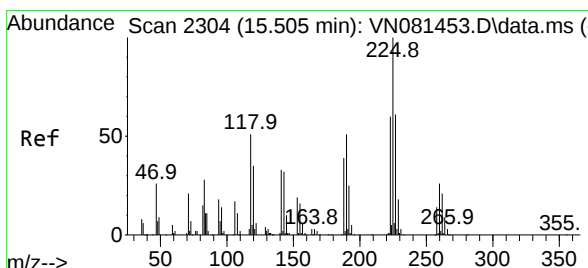
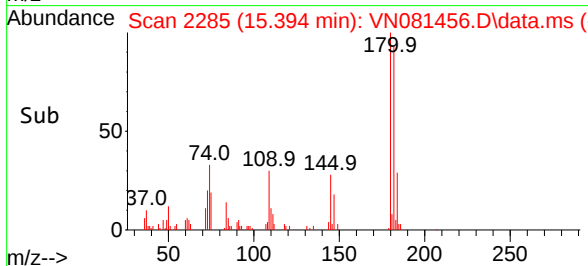
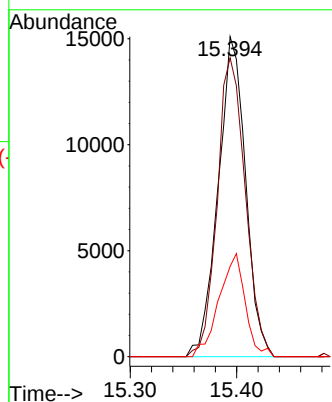
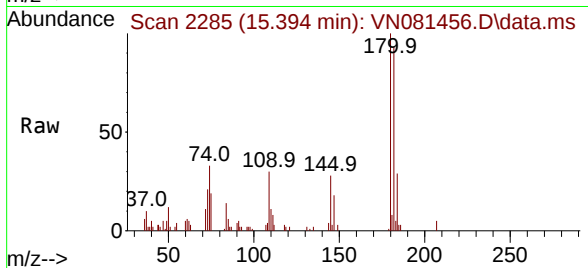
145 30.8 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#94

Hexachlorobutadiene

Concen: 4.391 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN081456.D

Acq: 18 Mar 2024 17:38

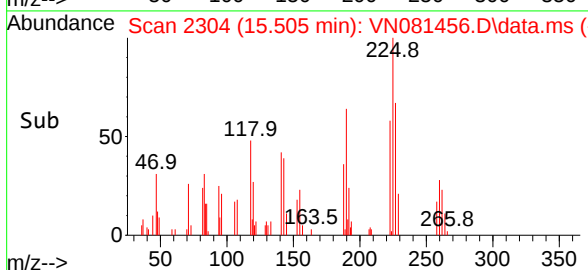
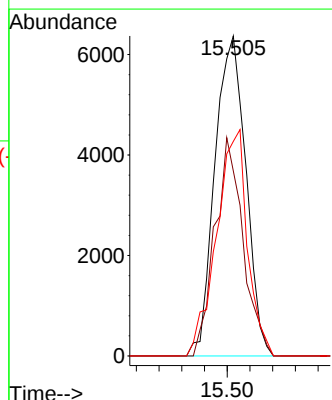
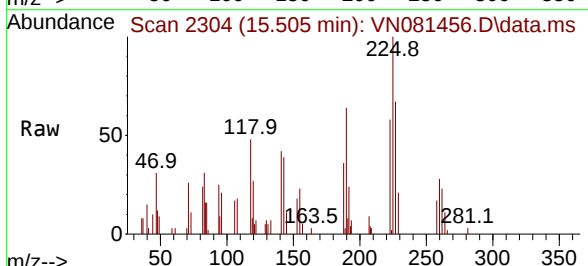
Tgt Ion:225 Resp: 12049

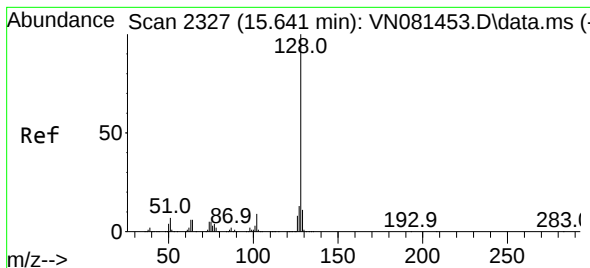
Ion Ratio Lower Upper

225 100

223 62.1 33.3 99.8

227 70.5 33.1 99.2





#95

Naphthalene

Concen: 4.050 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN081456.D

Acq: 18 Mar 2024 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

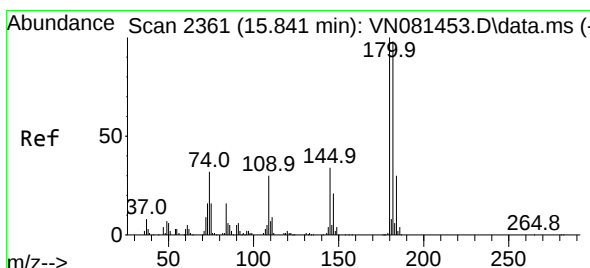
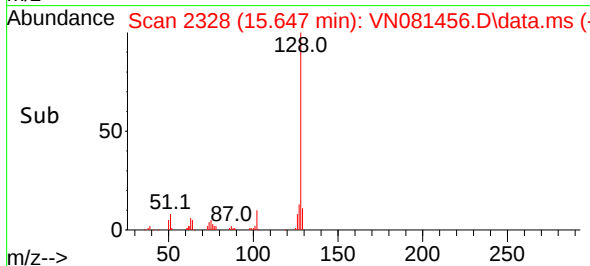
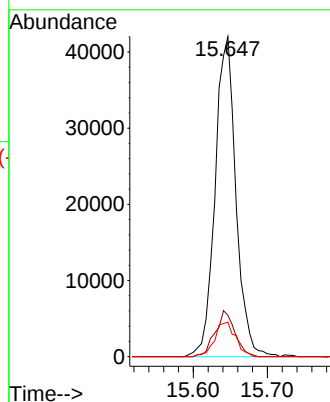
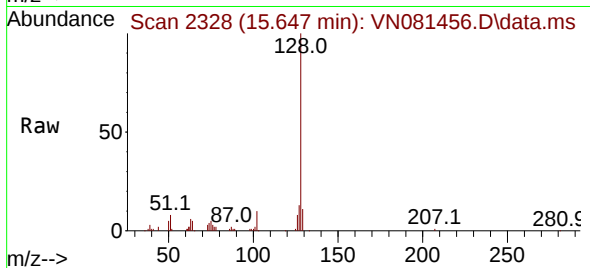
Tgt Ion:	128	Resp:	8206
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.0	15.0
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#96

1,2,3-Trichlorobenzene

Concen: 4.430 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN081456.D

Acq: 18 Mar 2024 17:38

Tgt Ion:	180	Resp:	27868
Ion Ratio	Lower	Upper	
180	100		
182	87.5	46.5	139.3
145	32.2	17.8	53.4

