

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083022\
 Data File : VN074172.D
 Acq On : 30 Aug 2022 13:37
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 31 05:30:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 05:27:05 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/31/2022
 Supervised By : Semsettin Yesilyurt 08/31/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	213505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	381833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	345966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	152326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	64513	19.479	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.960%#		
35) Dibromofluoromethane	7.951	113	50647	20.384	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.760%#		
50) Toluene-d8	10.380	98	191654	19.587	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.180%#		
62) 4-Bromofluorobenzene	12.668	95	60058	20.183	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	40.360%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	42267	17.946	ug/l	80
3) Chloromethane	2.269	50	63759	20.236	ug/l	99
4) Vinyl Chloride	2.404	62	62408	19.987	ug/l	99
5) Bromomethane	2.781	94	33557	19.850	ug/l	88
6) Chloroethane	2.957	64	43341	16.848	ug/l	90
7) Trichlorofluoromethane	3.310	101	101445	21.001	ug/l	98
8) Diethyl Ether	3.763	74	37360	19.046	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.140	101	51243	18.824	ug/l	94
10) Methyl Iodide	4.340	142	41639	19.111	ug/l	90
11) Tert butyl alcohol	5.304	59	76635	94.625	ug/l	98
12) 1,1-Dichloroethene	4.104	96	48846	19.226	ug/l #	91
13) Acrolein	3.981	56	72055	98.417	ug/l	97
14) Allyl chloride	4.757	41	109569	18.812	ug/l #	93
15) Acrylonitrile	5.469	53	241266	101.721	ug/l	97
16) Acetone	4.216	43	210085	94.445	ug/l	93
17) Carbon Disulfide	4.451	76	135790	18.974	ug/l	100
18) Methyl Acetate	4.781	43	126615	18.888	ug/l #	88
19) Methyl tert-butyl Ether	5.534	73	178385	18.899	ug/l	99
20) Methylene Chloride	5.016	84	64770	19.251	ug/l #	89
21) trans-1,2-Dichloroethene	5.510	96	54237	19.078	ug/l	86
22) Diisopropyl ether	6.416	45	225385	20.306	ug/l #	95
23) Vinyl Acetate	6.351	43	964541	101.548	ug/l #	89
24) 1,1-Dichloroethane	6.304	63	111851	19.494	ug/l	98
25) 2-Butanone	7.263	43	353098	96.064	ug/l	91
26) 2,2-Dichloropropane	7.245	77	70401	18.114	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	62139	20.115	ug/l	91
28) Bromochloromethane	7.586	49	43856	19.937	ug/l #	71
29) Tetrahydrofuran	7.610	42	240254	104.771	ug/l #	84
30) Chloroform	7.745	83	109476	18.737	ug/l	95
31) Cyclohexane	8.016	56	105417	19.264	ug/l #	84
32) 1,1,1-Trichloroethane	7.939	97	86598	19.535	ug/l	95
36) 1,1-Dichloropropene	8.151	75	78440	18.983	ug/l	96
37) Ethyl Acetate	7.339	43	135038	20.187	ug/l #	95
38) Carbon Tetrachloride	8.133	117	74256	19.372	ug/l	98
39) Methylcyclohexane	9.398	83	91546	20.035	ug/l	92
40) Benzene	8.392	78	252766	20.237	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	61127	19.437	ug/l #	87
42) 1,2-Dichloroethane	8.463	62	87845	19.188	ug/l	97
43) Isopropyl Acetate	8.498	43	180896	20.157	ug/l #	92
44) Trichloroethene	9.151	130	54192	19.578	ug/l	91
45) 1,2-Dichloropropane	9.427	63	66462	19.241	ug/l	93
46) Dibromomethane	9.510	93	43886	19.929	ug/l	90
47) Bromodichloromethane	9.698	83	84390	19.249	ug/l	95
48) Methyl methacrylate	9.498	41	88041	21.329	ug/l #	85
49) 1,4-Dioxane	9.504	88	39190	422.149	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	676019	105.423	ug/l	88
52) Toluene	10.445	92	151314	20.642	ug/l	96
53) t-1,3-Dichloropropene	10.663	75	81124	19.651	ug/l	95
54) cis-1,3-Dichloropropene	10.127	75	91701	19.061	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	64359	20.116	ug/l	96
56) Ethyl methacrylate	10.704	69	97921	20.430	ug/l #	77
57) 1,3-Dichloropropane	10.986	76	107761	19.179	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	251677	103.326	ug/l	92
59) 2-Hexanone	11.027	43	517661	104.175	ug/l	88
60) Dibromochloromethane	11.174	129	61302	20.266	ug/l	98
61) 1,2-Dibromoethane	11.286	107	62305	20.124	ug/l	99
64) Tetrachloroethene	10.916	164	45442	18.322	ug/l	93
65) Chlorobenzene	11.710	112	150634	19.191	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.780	131	55859	19.452	ug/l	98
67) Ethyl Benzene	11.786	91	280238	20.415	ug/l	96
68) m/p-Xylenes	11.892	106	210981	41.992	ug/l	95
69) o-Xylene	12.221	106	104507	20.370	ug/l	94
70) Styrene	12.233	104	171819	21.027	ug/l	99
71) Bromoform	12.398	173	43255	19.199	ug/l #	100
73) Isopropylbenzene	12.515	105	269639	20.989	ug/l	98
74) N-amyl acetate	12.327	43	145553	20.574	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.768	83	107219	19.693	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	84556m	14.968	ug/l	
77) Bromobenzene	12.804	156	63273	21.374	ug/l	89
78) n-propylbenzene	12.857	91	313072	20.970	ug/l	95
79) 2-Chlorotoluene	12.945	91	185040	20.221	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	227309	21.146	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	29785	20.296	ug/l	94
82) 4-Chlorotoluene	13.045	91	178368	20.054	ug/l	99
83) tert-Butylbenzene	13.262	119	189330	20.824	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	216810	21.371	ug/l	99
85) sec-Butylbenzene	13.439	105	273107	21.314	ug/l	96
86) p-Isopropyltoluene	13.557	119	211323	21.800	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	111009	19.910	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	111223	19.535	ug/l	99
89) n-Butylbenzene	13.880	91	178335	20.252	ug/l	95
90) Hexachloroethane	14.151	117	40144	20.581	ug/l	84
91) 1,2-Dichlorobenzene	13.921	146	114170	20.365	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	21487	18.598	ug/l	86
93) 1,2,4-Trichlorobenzene	15.192	180	55217	20.383	ug/l	94
94) Hexachlorobutadiene	15.298	225	27054	19.310	ug/l	96
95) Naphthalene	15.433	128	216533	21.795	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	60544	20.749	ug/l	96

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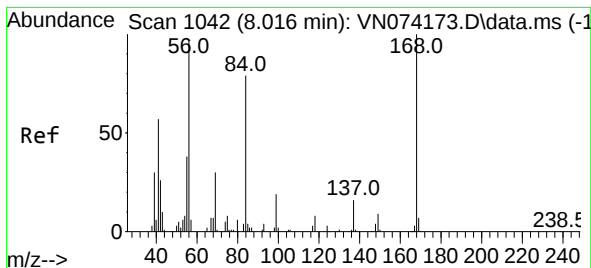
Manual Integrations
APPROVED

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Quant Time: Aug 31 05:30:11 2022
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Quant Title : SW846 8260
QLast Update : Wed Aug 31 05:27:05 2022
Response via : Initial Calibration

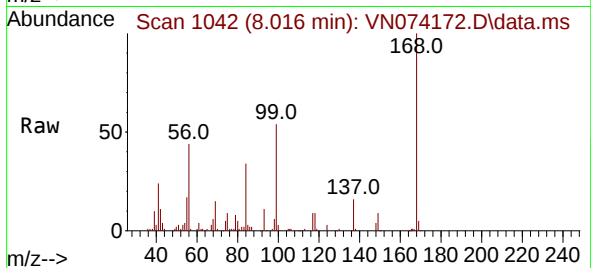
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074172.D
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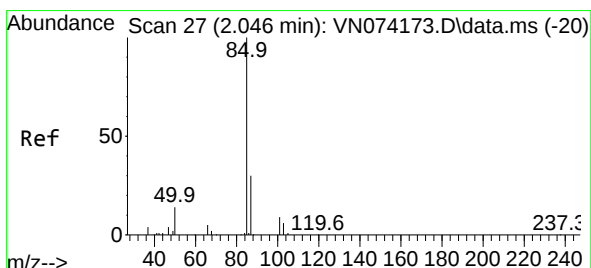
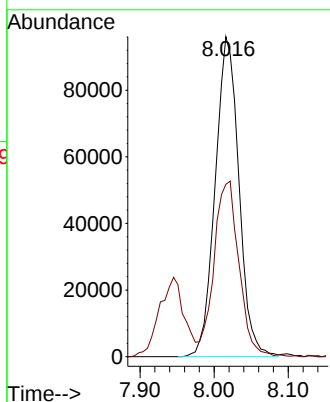
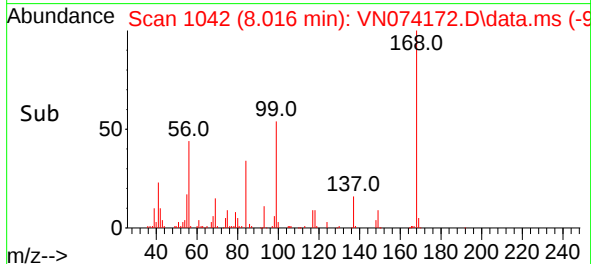
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ClientSampleId :
VSTDICC020



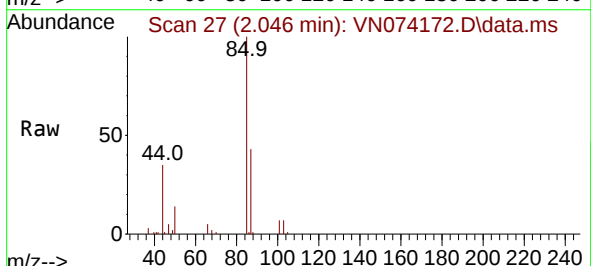
Tgt Ion: 168 Resp: 21350
Ion Ratio Lower Upper
168 100
99 53.3 42.3 63.5

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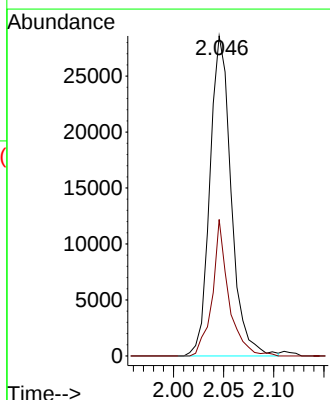
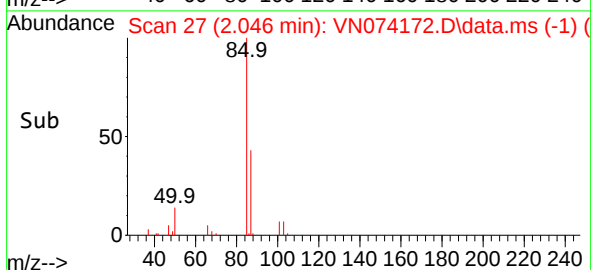
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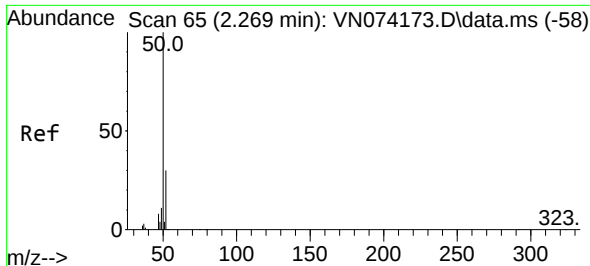


#2
Dichlorodifluoromethane
Concen: 17.946 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37



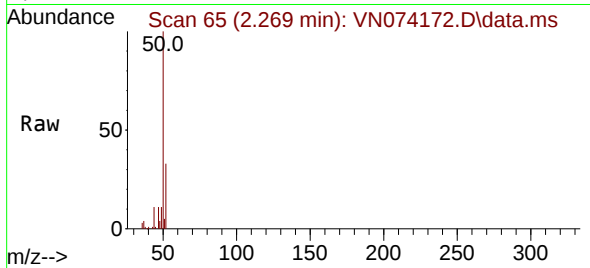
Tgt Ion: 85 Resp: 42267
Ion Ratio Lower Upper
85 100
87 42.6 15.7 47.1





#3
Chloromethane
Concen: 20.236 ug/l
RT: 2.269 min Scan# 65
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

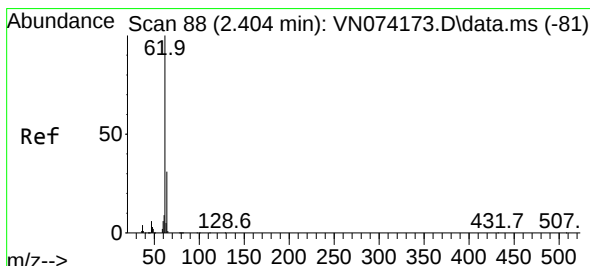
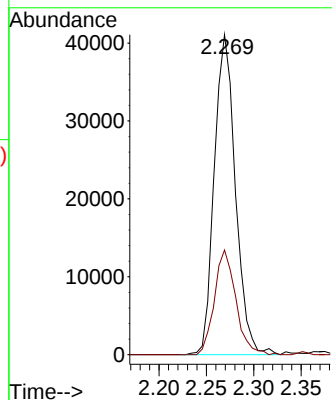
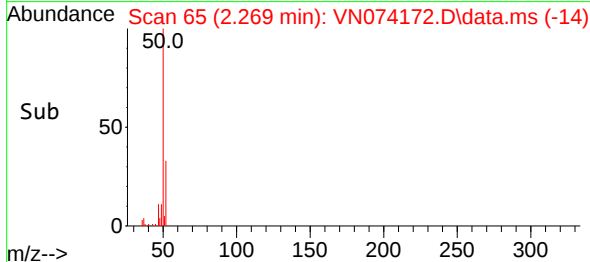
Instrument :
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ClientSampleId :
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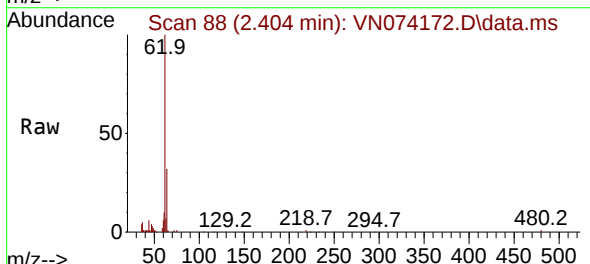
Tgt Ion: 50 Resp: 63759
Ion Ratio Lower Upper
50 100
52 32.7 25.7 38.5

Manual Integrations
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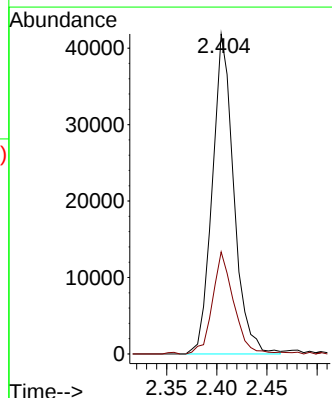
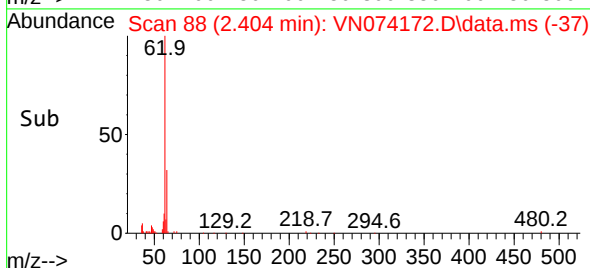
Reviewed By :John Carlone 08/31/2022
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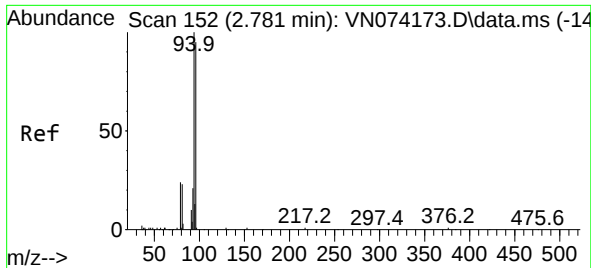


#4
Vinyl Chloride
Concen: 19.987 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37



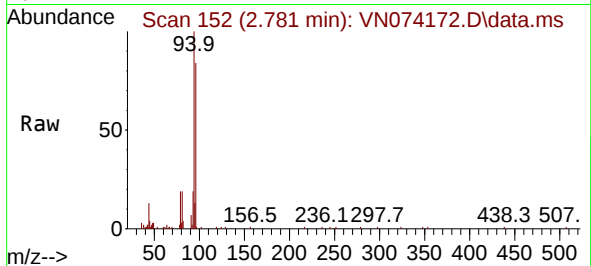
Tgt Ion: 62 Resp: 62408
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.4





#5
Bromomethane
Concen: 19.850 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074172.D
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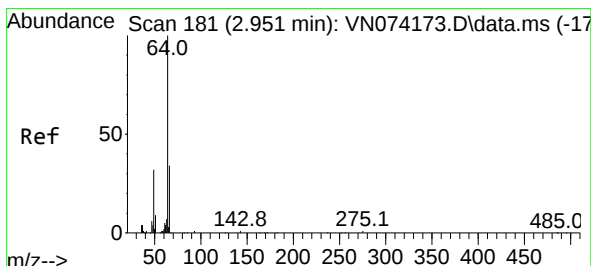
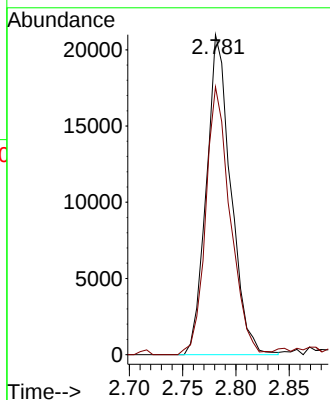
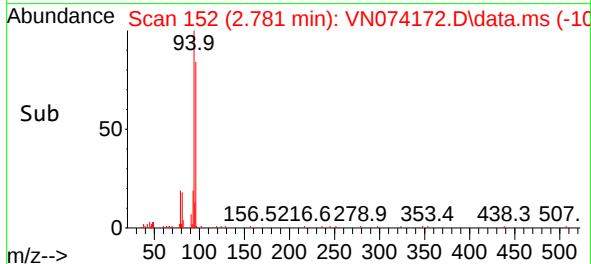
Instrument :
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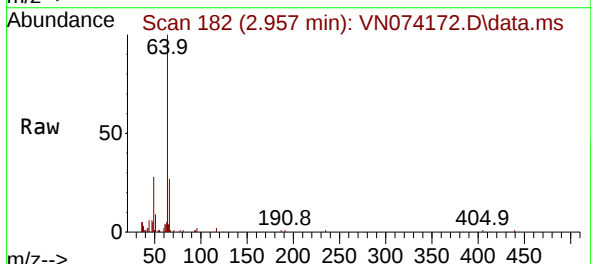
Tgt Ion: 94 Resp: 3355
Ion Ratio Lower Upper
94 100
96 83.7 76.0 114.0

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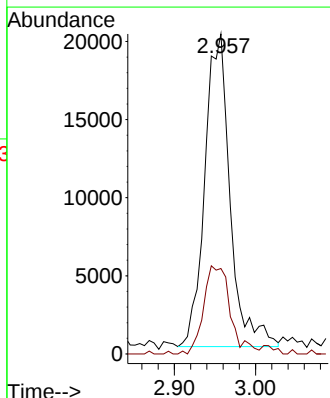
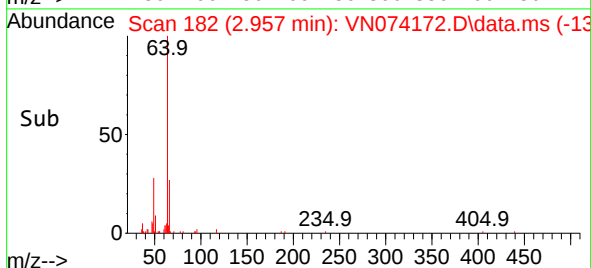
Reviewed By :John Carlone 08/31/2022
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#6
Chloroethane
Concen: 16.848 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37



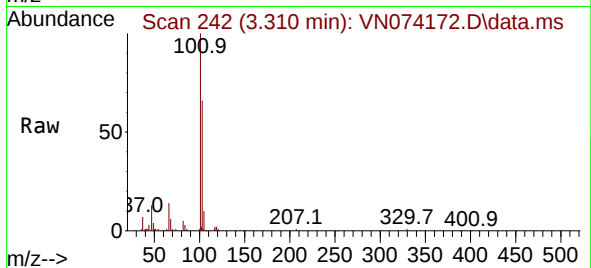
Tgt Ion: 64 Resp: 43341
Ion Ratio Lower Upper
64 100
66 27.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 21.001 ug/l
RT: 3.310 min Scan# 242
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

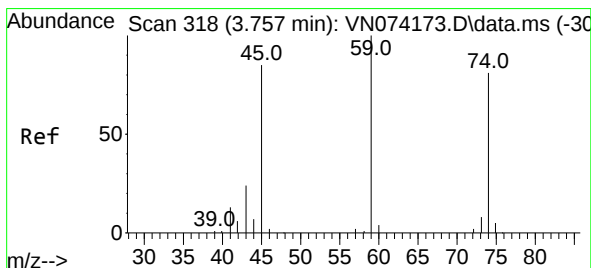
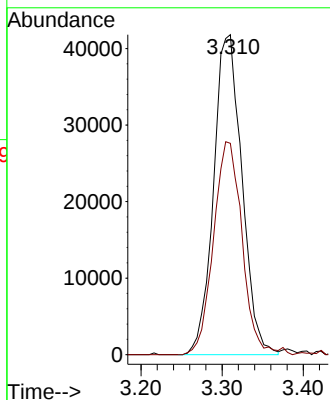
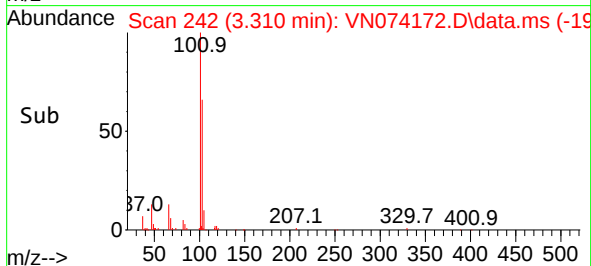
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MSVOA_N
ClientSampleId :
VSTDIC020



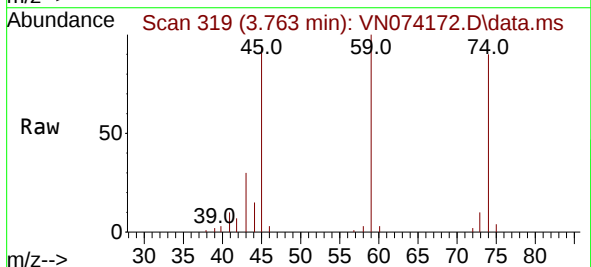
Tgt Ion:101 Resp: 10144
Ion Ratio Lower Upper
101 100
103 66.0 51.5 77.3

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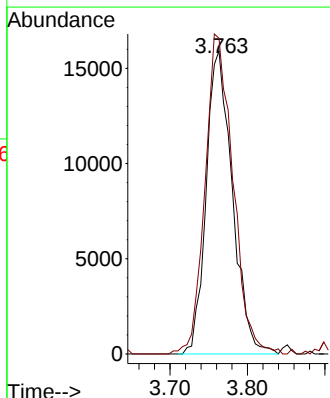
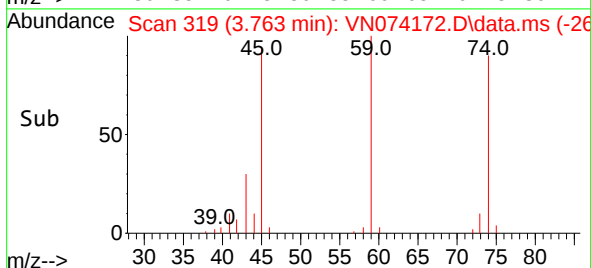
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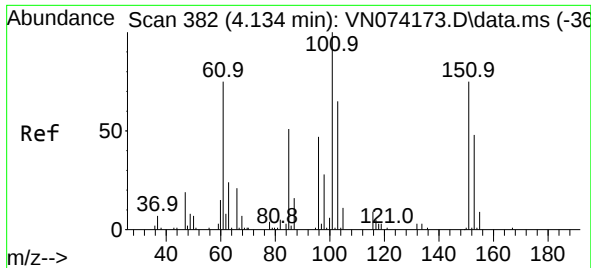


#8
Diethyl Ether
Concen: 19.046 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 37360
Ion Ratio Lower Upper
74 100
45 112.5 42.9 128.5





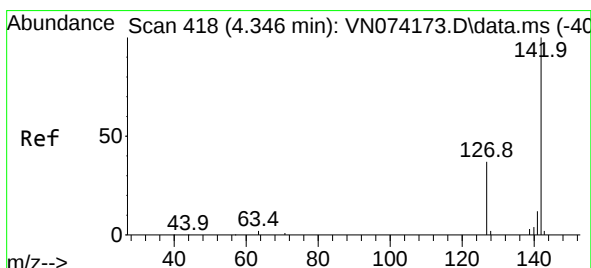
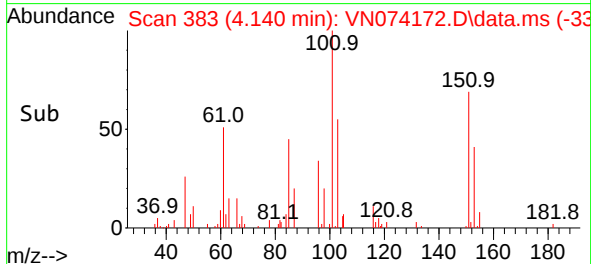
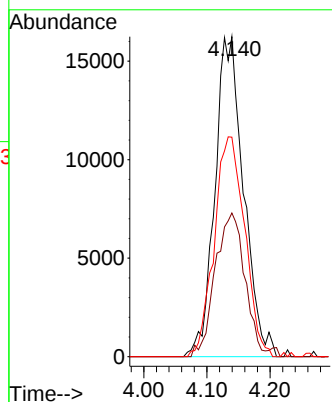
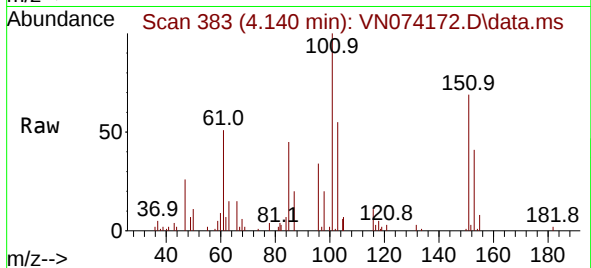
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.824 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 5124
Ion Ratio Lower Upper
101 100
85 46.4 34.7 52.1
151 72.9 63.0 94.4

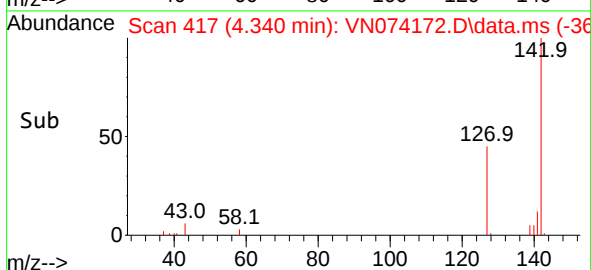
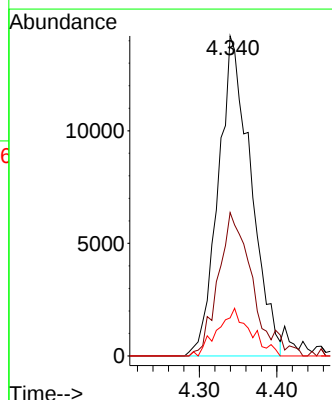
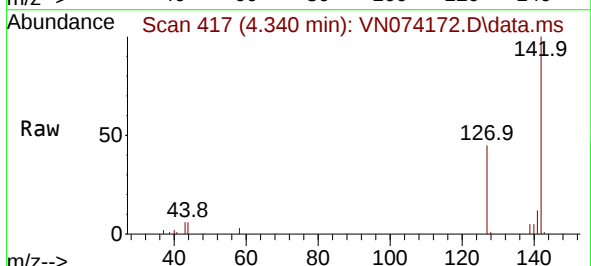
Manual Integrations
APPROVED

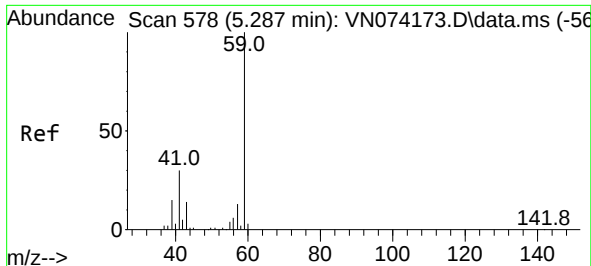
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#10
Methyl Iodide
Concen: 19.111 ug/l
RT: 4.340 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

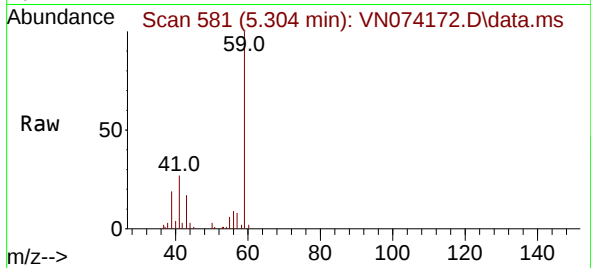
Tgt Ion:142 Resp: 41639
Ion Ratio Lower Upper
142 100
127 46.8 31.3 46.9
141 15.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 94.625 ug/l
RT: 5.304 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

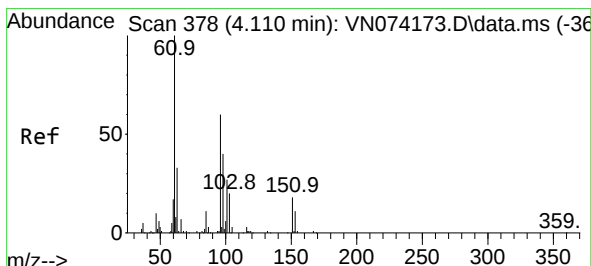
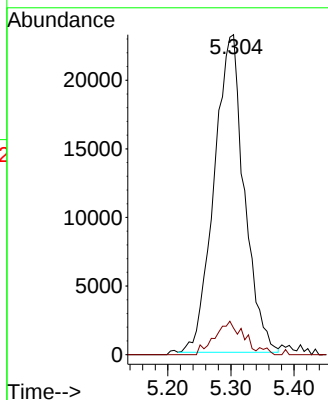
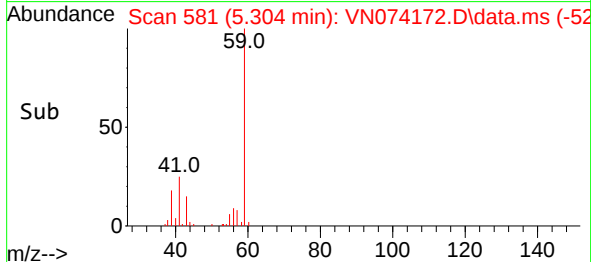
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 59 Resp: 7663
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5

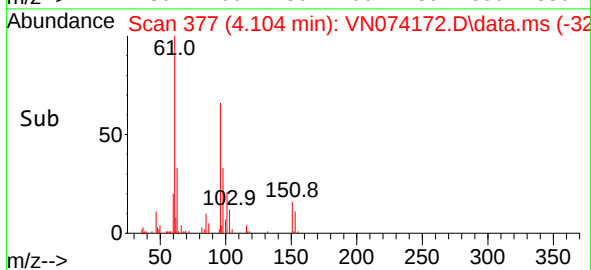
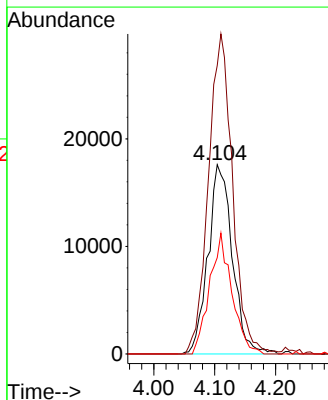
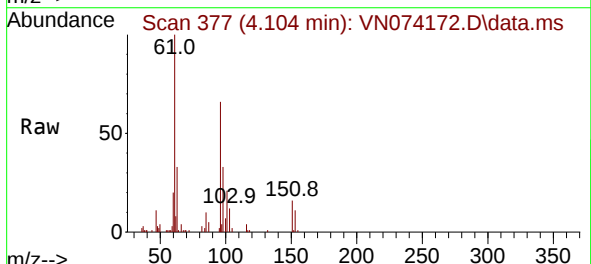
Manual Integrations
APPROVED

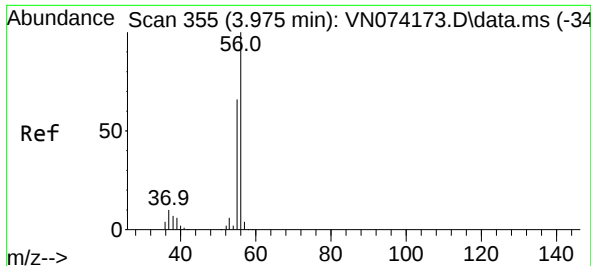
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#12
1,1-Dichloroethene
Concen: 19.226 ug/l
RT: 4.104 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

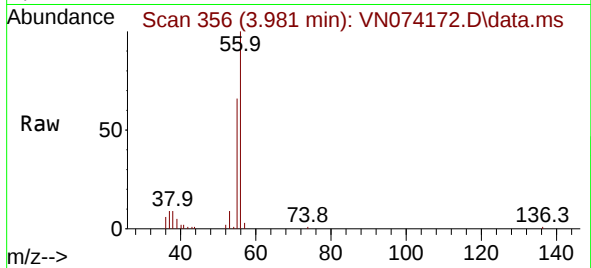
Tgt Ion: 96 Resp: 48846
Ion Ratio Lower Upper
96 100
61 152.4 127.6 191.4
98 50.9 51.2 76.8#





#13
Acrolein
Concen: 98.417 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

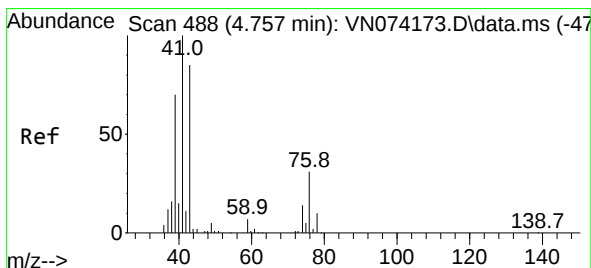
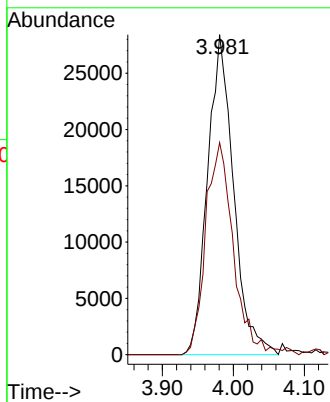
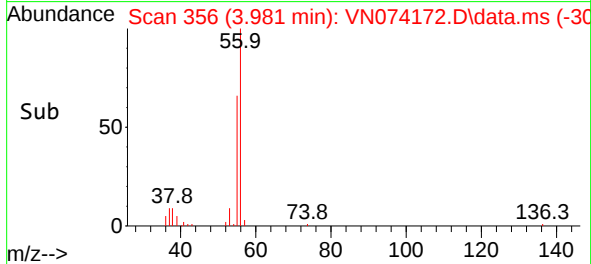
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 7205
Ion Ratio Lower Upper
56 100
55 70.6 54.8 82.2

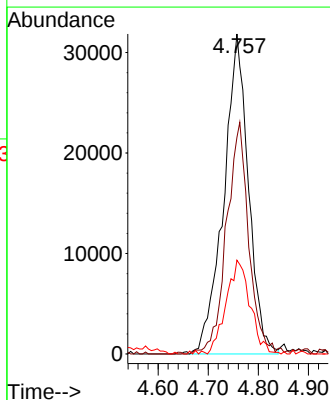
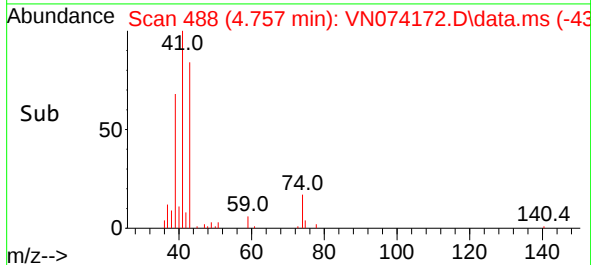
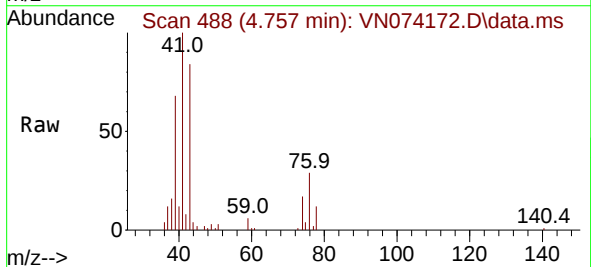
Manual Integrations
APPROVED

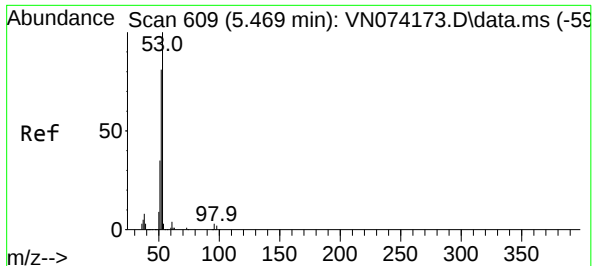
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#14
Allyl chloride
Concen: 18.812 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

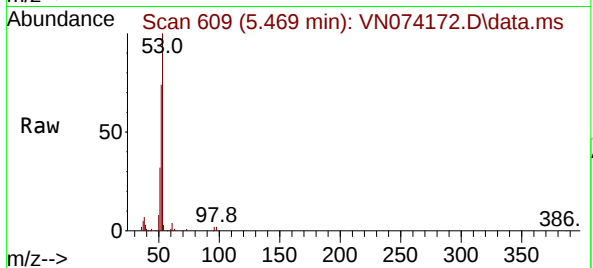
Tgt Ion: 41 Resp: 109569
Ion Ratio Lower Upper
41 100
39 65.1 53.2 79.8
76 28.3 29.9 44.9#





#15
Acrylonitrile
Concen: 101.721 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

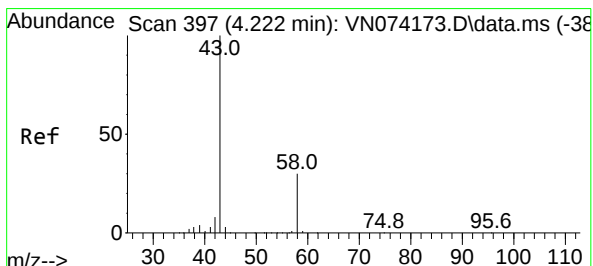
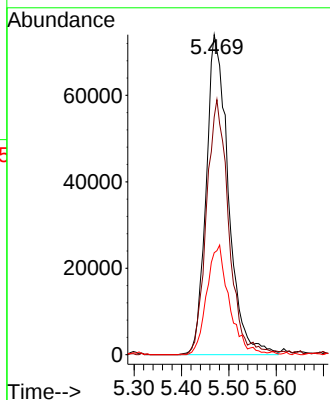
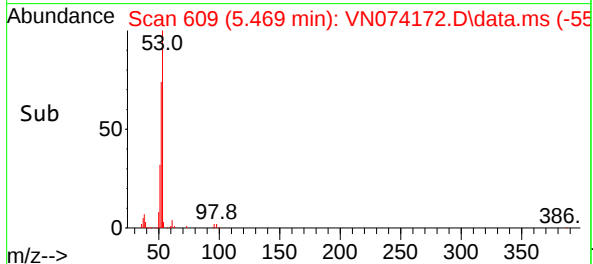
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 241260
Ion Ratio Lower Upper
53 100
52 79.8 66.4 99.6
51 34.7 28.5 42.7

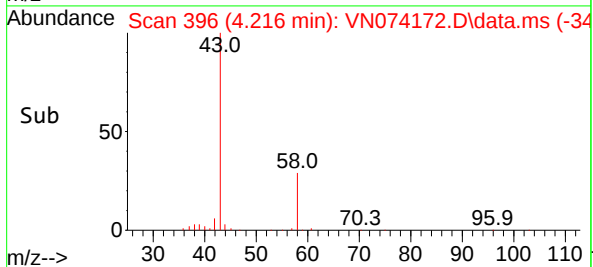
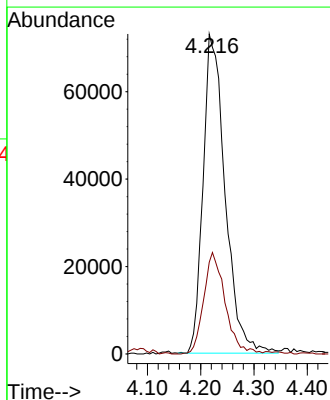
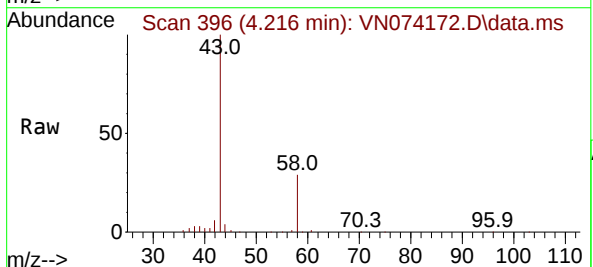
Manual Integrations
APPROVED

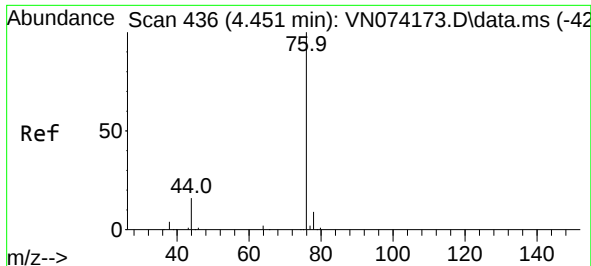
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#16
Acetone
Concen: 94.445 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

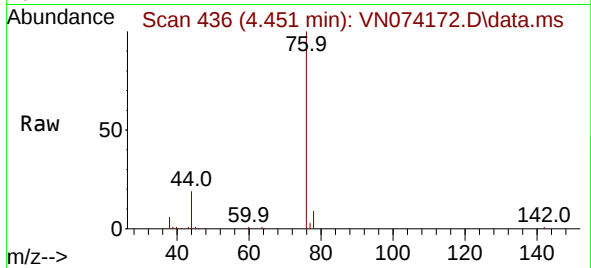
Tgt Ion: 43 Resp: 210085
Ion Ratio Lower Upper
43 100
58 28.3 26.0 39.0





#17
Carbon Disulfide
Concen: 18.974 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

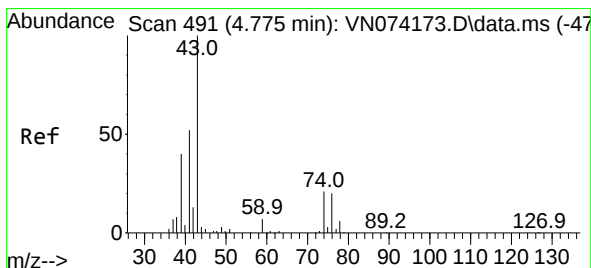
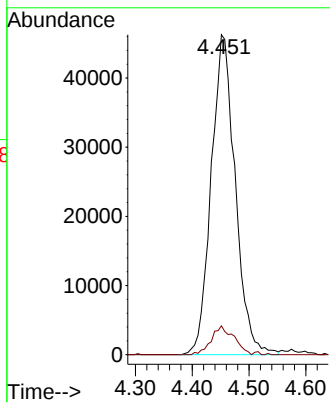
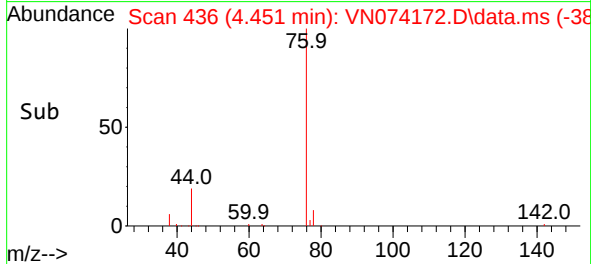
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



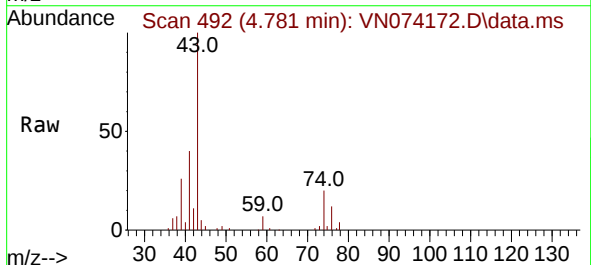
Tgt Ion: 76 Resp: 135790
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

Manual Integrations
APPROVED

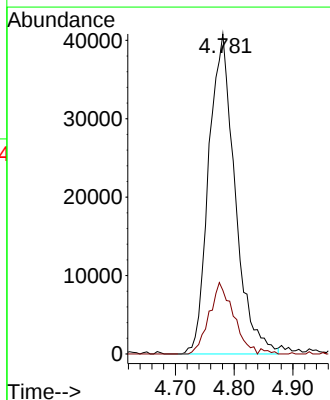
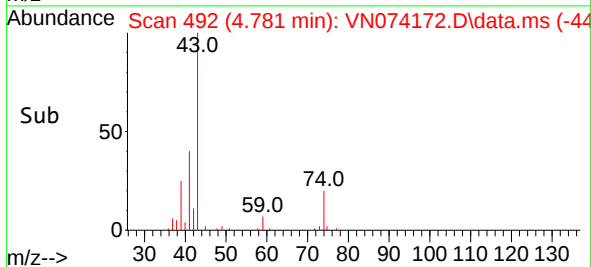
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

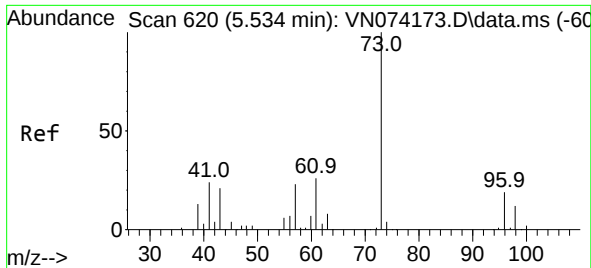


#18
Methyl Acetate
Concen: 18.888 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37



Tgt Ion: 43 Resp: 126615
Ion Ratio Lower Upper
43 100
74 20.6 21.6 32.4#





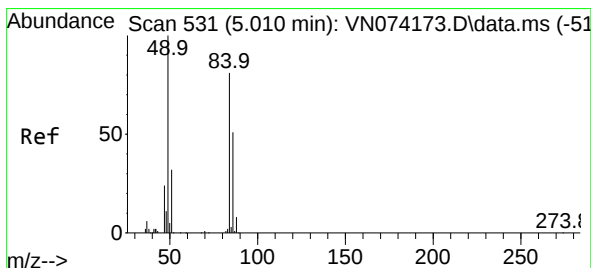
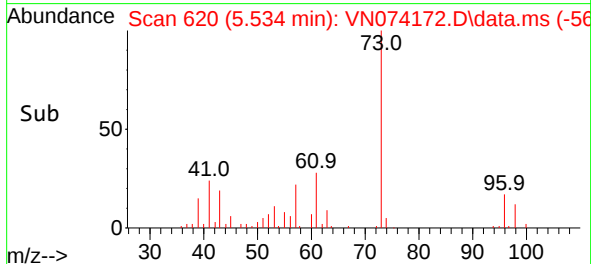
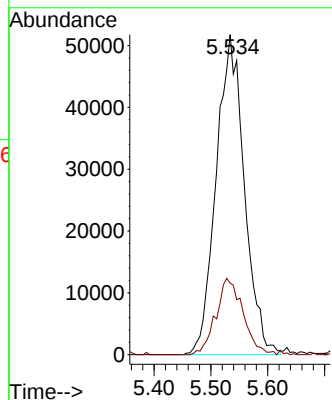
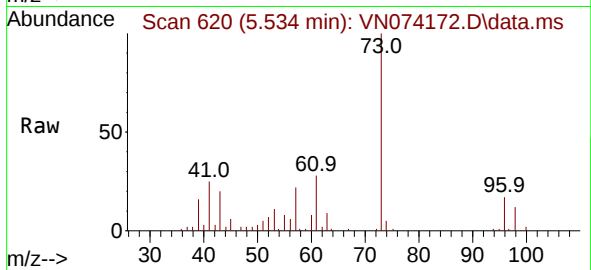
#19
Methyl tert-butyl Ether
Concen: 18.899 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 17838
Ion Ratio Lower Upper
73 100
57 22.4 17.6 26.4

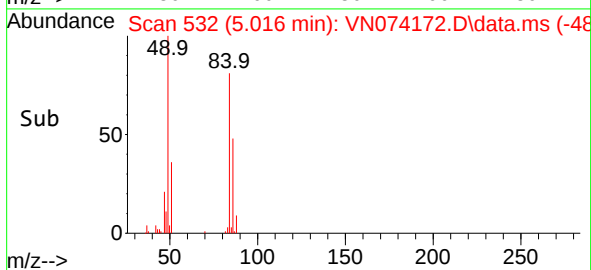
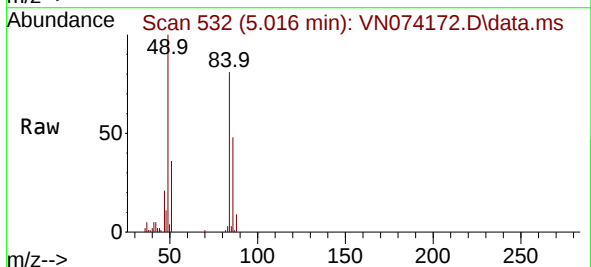
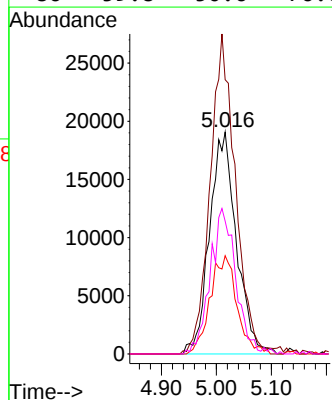
Manual Integrations
APPROVED

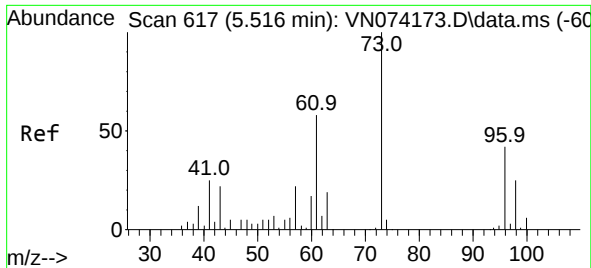
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#20
Methylene Chloride
Concen: 19.251 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

Tgt Ion: 84 Resp: 64770
Ion Ratio Lower Upper
84 100
49 123.6 88.3 132.5
51 44.3 28.2 42.2#
86 59.8 50.6 76.0





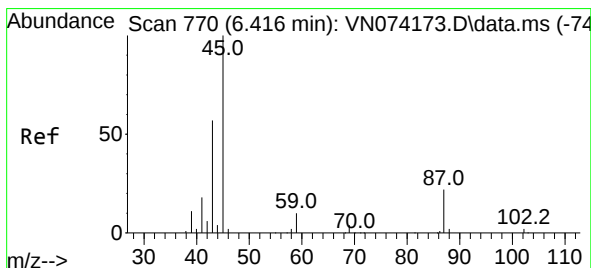
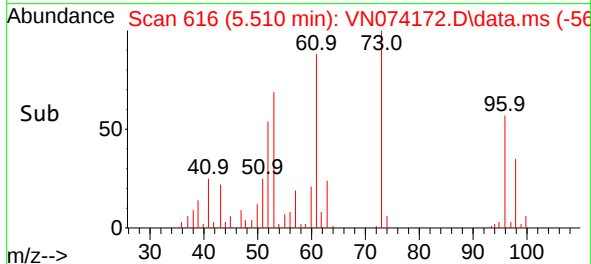
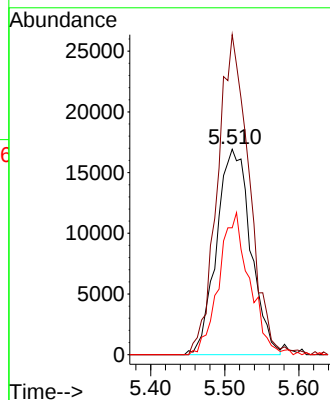
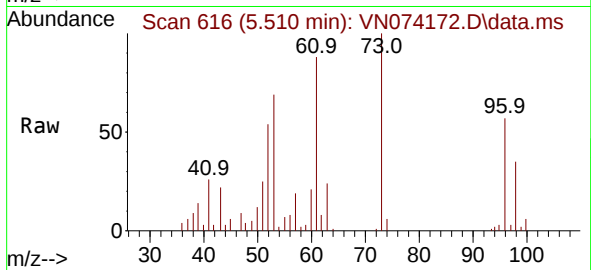
#21
trans-1,2-Dichloroethene
Concen: 19.078 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 5423
Ion Ratio Lower Upper
96 100
61 155.8 105.8 158.8
98 61.8 50.3 75.5

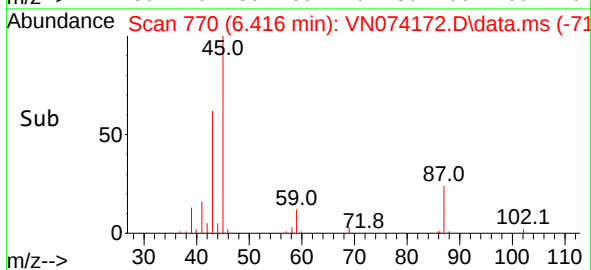
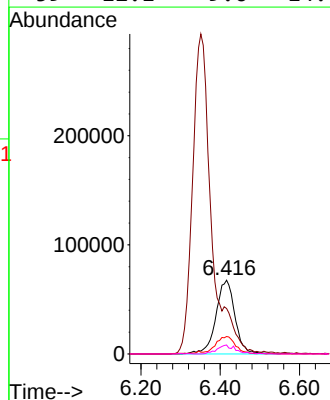
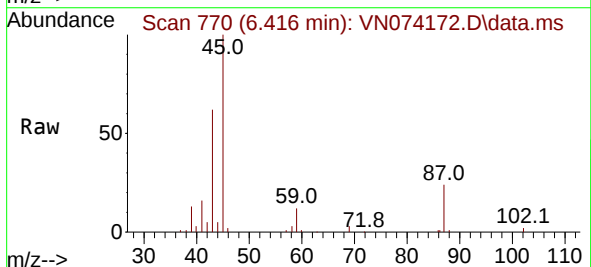
Manual Integrations
APPROVED

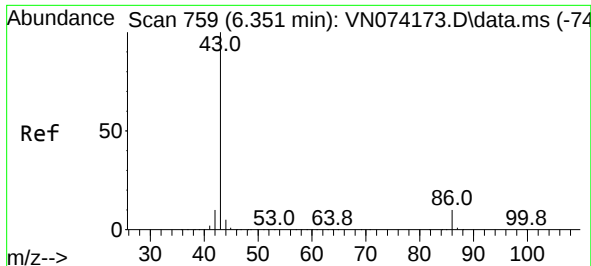
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#22
Diisopropyl ether
Concen: 20.306 ug/l
RT: 6.416 min Scan# 770
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

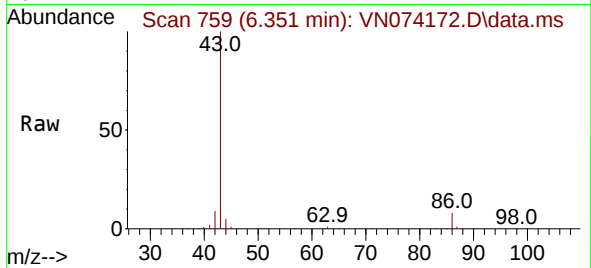
Tgt Ion: 45 Resp: 225385
Ion Ratio Lower Upper
45 100
43 60.4 46.6 70.0
87 23.6 24.3 36.5#
59 12.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 101.548 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. -0.000 min
 Lab File: VN074172.D
 Acq: 30 Aug 2022 13:37

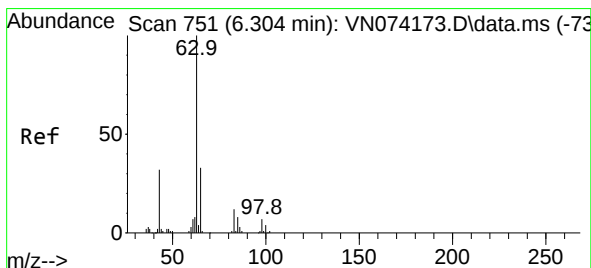
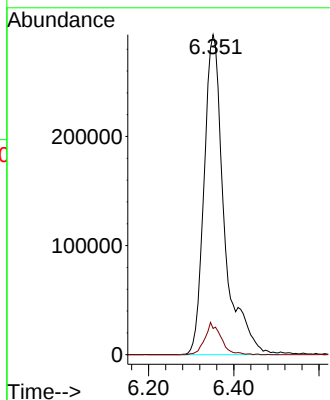
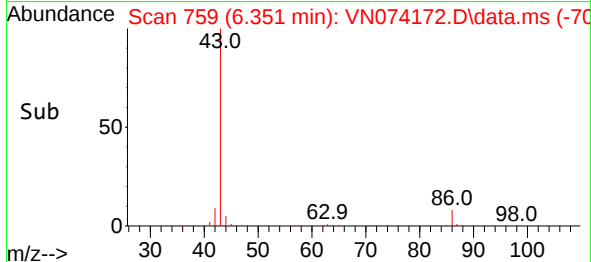
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



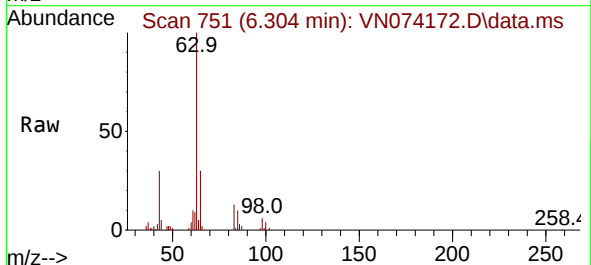
Tgt Ion: 43 Resp: 96454
 Ion Ratio Lower Upper
 43 100
 86 8.2 10.0 15.0

Manual Integrations
 APPROVED

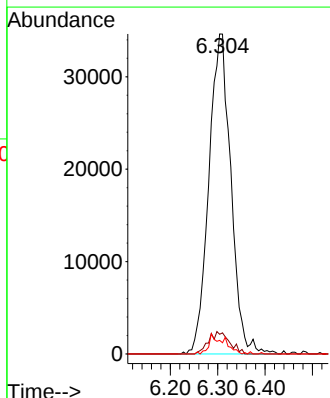
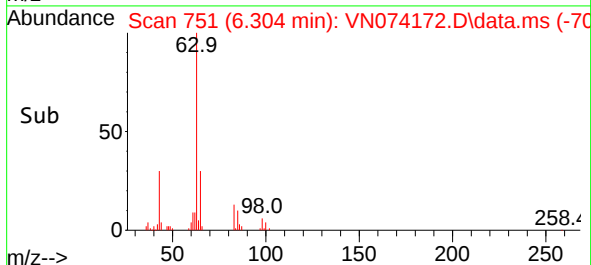
Reviewed By :John Carlone 08/31/2022
 Supervised By :Semsettin Yesilyurt 08/31/2022

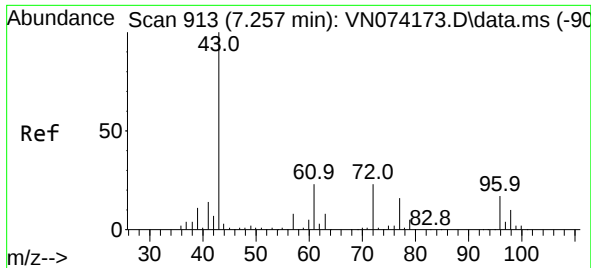


#24
 1,1-Dichloroethane
 Concen: 19.494 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.000 min
 Lab File: VN074172.D
 Acq: 30 Aug 2022 13:37



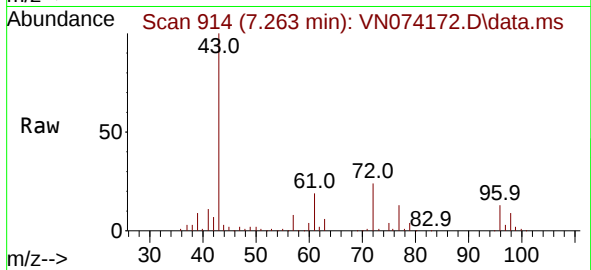
Tgt Ion: 63 Resp: 111851
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.4
 100 4.3 2.3 6.8





#25
2-Butanone
Concen: 96.064 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

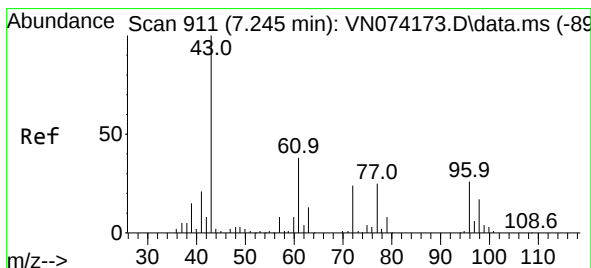
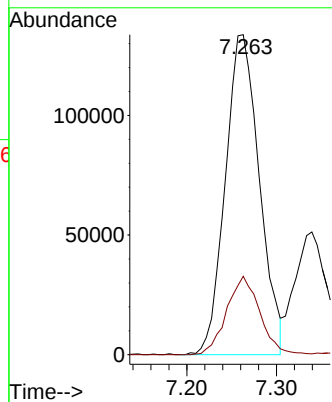
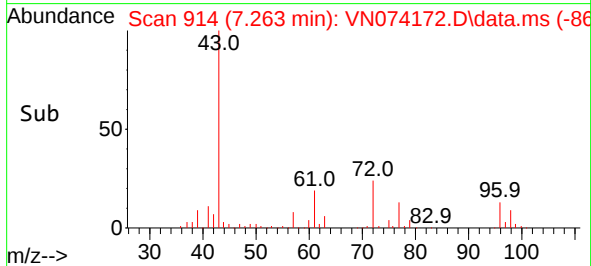
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 353098
Ion Ratio Lower Upper
43 100
72 24.5 23.7 35.5

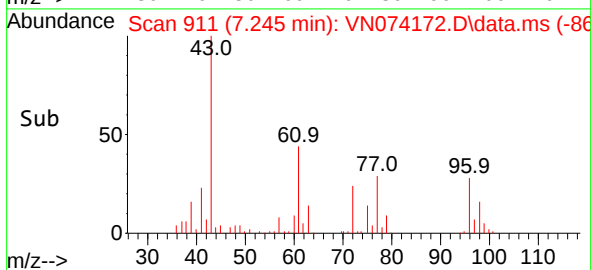
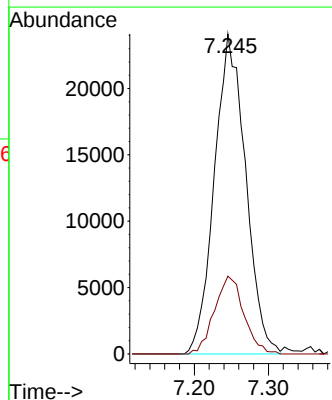
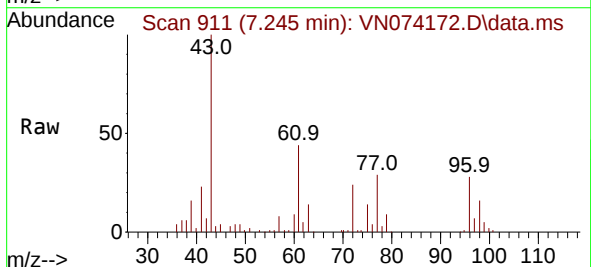
Manual Integrations
APPROVED

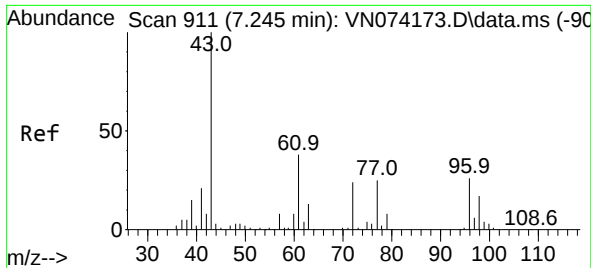
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#26
2,2-Dichloropropane
Concen: 18.114 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

Tgt Ion: 77 Resp: 70401
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.2





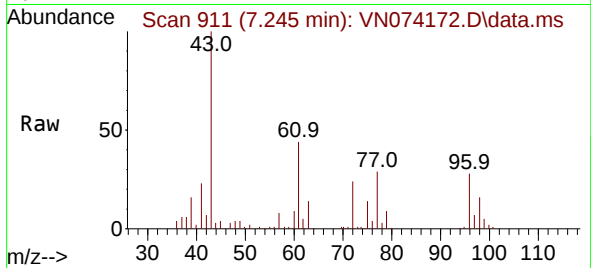
#27
 cis-1,2-Dichloroethene
 Concen: 20.115 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.000 min
 Lab File: VN074172.D
 Acq: 30 Aug 2022 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

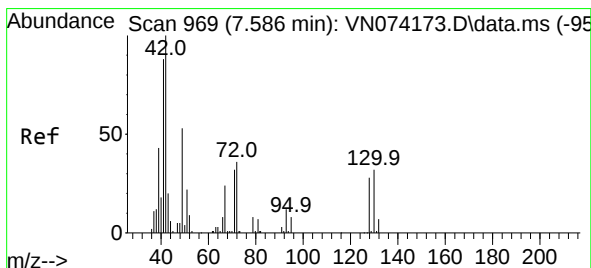
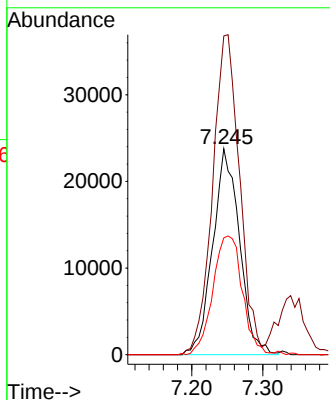
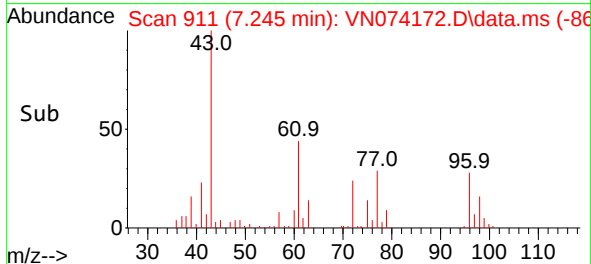


Tgt Ion: 96 Resp: 62139
 Ion Ratio Lower Upper
 96 100
 61 156.2 0.0 280.6
 98 63.4 0.0 128.4

Manual Integrations

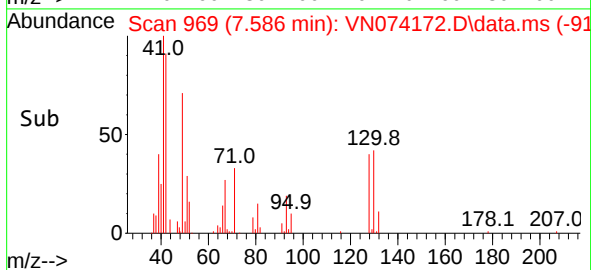
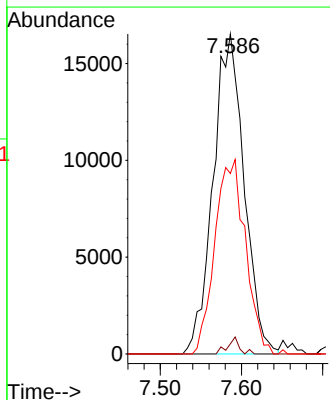
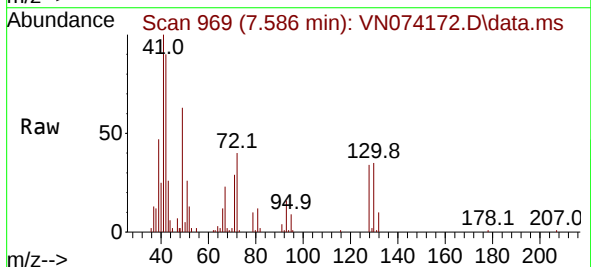
APPROVED

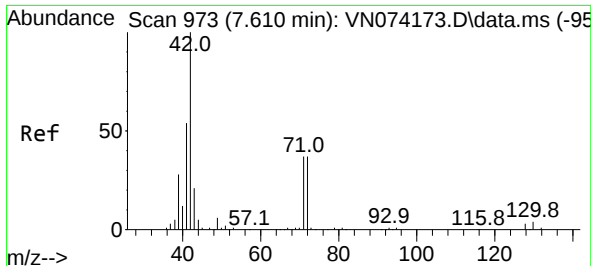
Reviewed By :John Carlone 08/31/2022
 Supervised By :Semsettin Yesilyurt 08/31/2022



#28
 Bromochloromethane
 Concen: 19.937 ug/l
 RT: 7.586 min Scan# 969
 Delta R.T. -0.000 min
 Lab File: VN074172.D
 Acq: 30 Aug 2022 13:37

Tgt Ion: 49 Resp: 43856
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 59.9 69.7 104.5#





#29

Tetrahydrofuran

Concen: 104.771 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074172.D

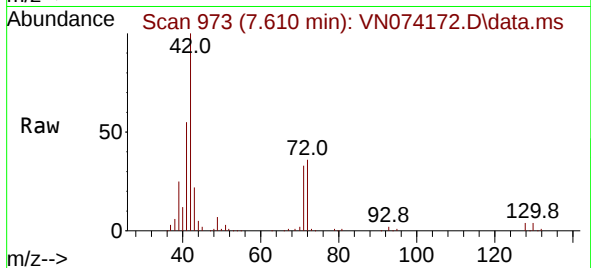
Acq: 30 Aug 2022 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020



Tgt Ion: 42 Resp: 240254

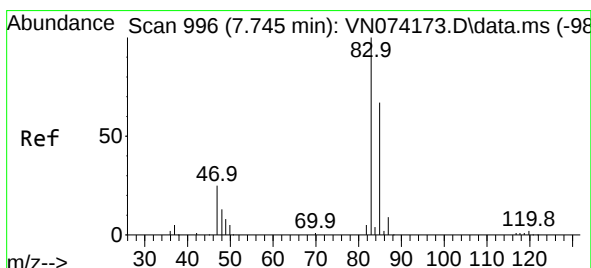
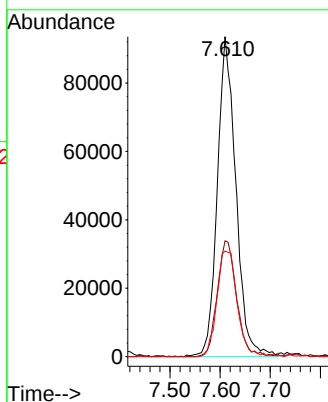
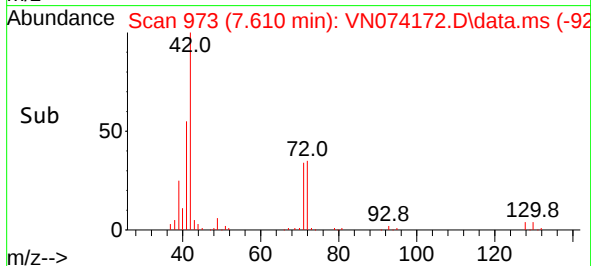
Ion	Ratio	Lower	Upper
42	100		
72	37.8	39.7	59.5
71	36.0	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#30

Chloroform

Concen: 18.737 ug/l

RT: 7.745 min Scan# 996

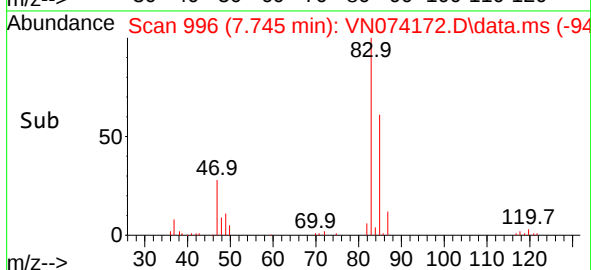
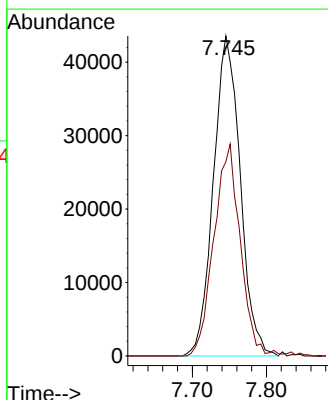
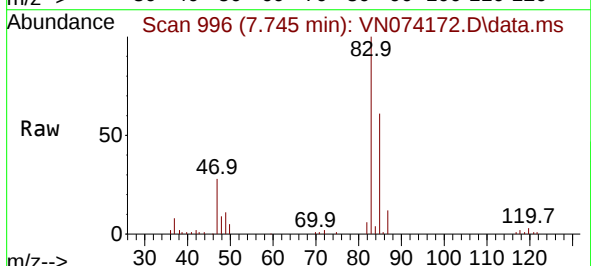
Delta R.T. -0.000 min

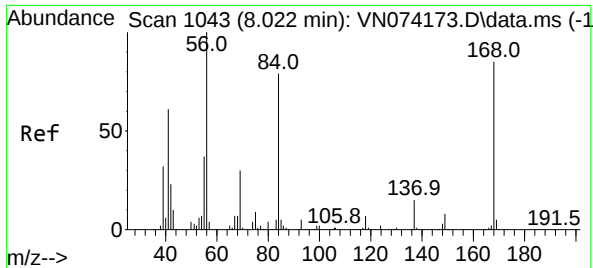
Lab File: VN074172.D

Acq: 30 Aug 2022 13:37

Tgt Ion: 83 Resp: 109476

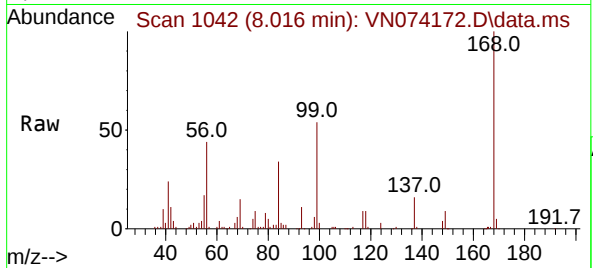
Ion	Ratio	Lower	Upper
83	100		
85	60.7	51.8	77.8





#31
Cyclohexane
Concen: 19.264 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

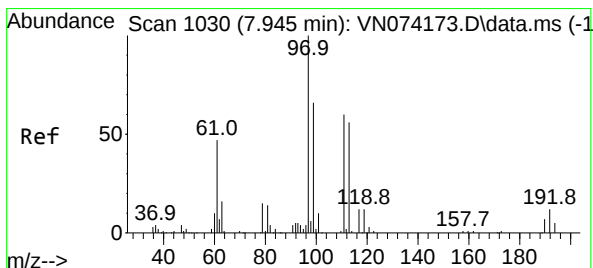
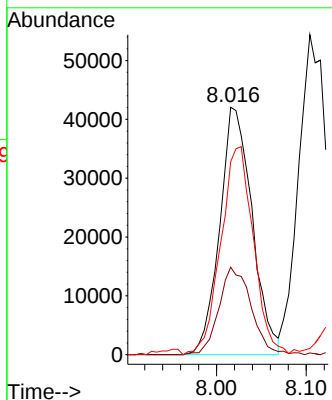
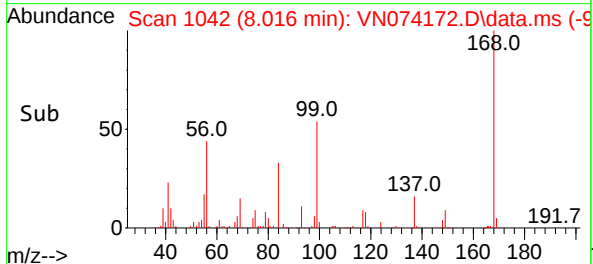
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 105417
Ion Ratio Lower Upper
56 100
69 35.4 27.8 41.8
84 75.8 76.9 115.3

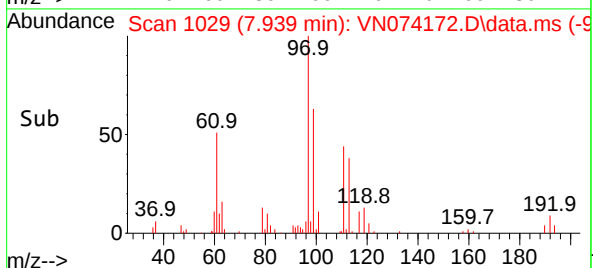
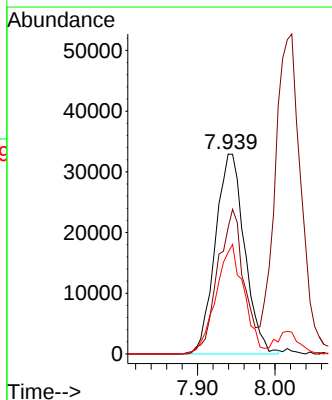
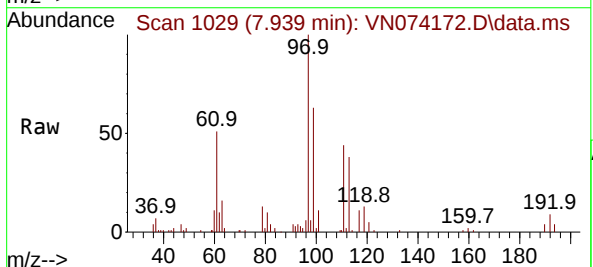
Manual Integrations
APPROVED

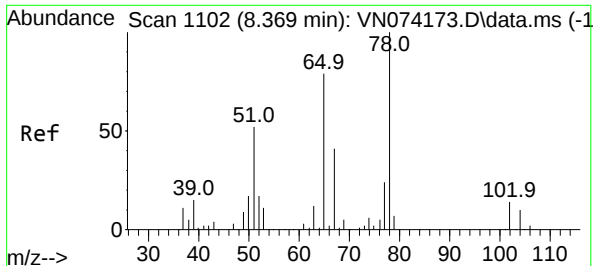
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#32
1,1,1-Trichloroethane
Concen: 19.535 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

Tgt Ion: 97 Resp: 86598
Ion Ratio Lower Upper
97 100
99 63.9 50.6 76.0
61 52.3 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 19.479 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074172.D

Acq: 30 Aug 2022 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 6451

Ion Ratio Lower Upper

65 100

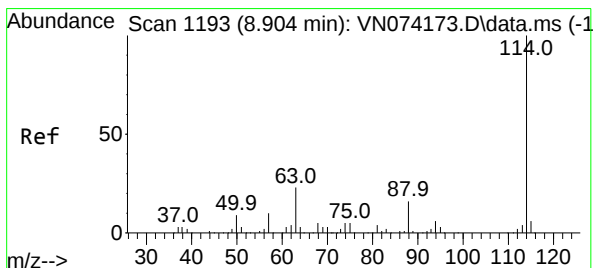
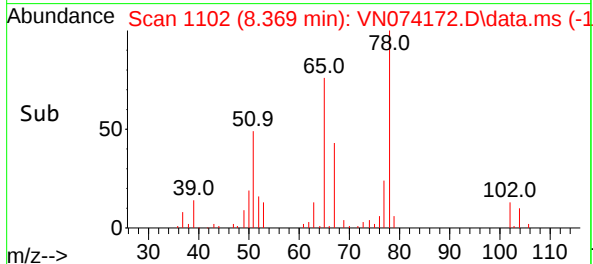
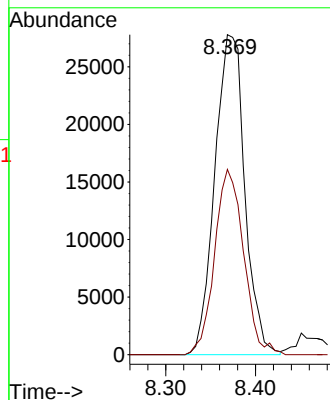
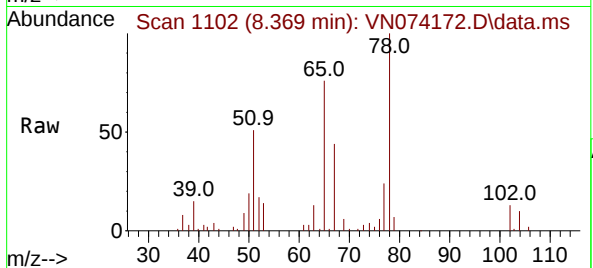
67 56.1 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074172.D

Acq: 30 Aug 2022 13:37

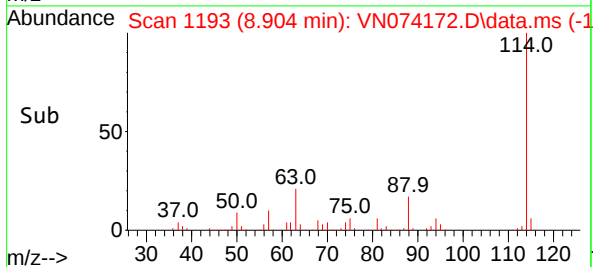
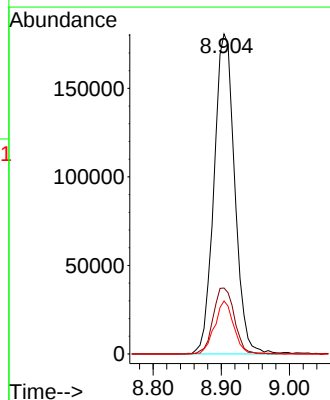
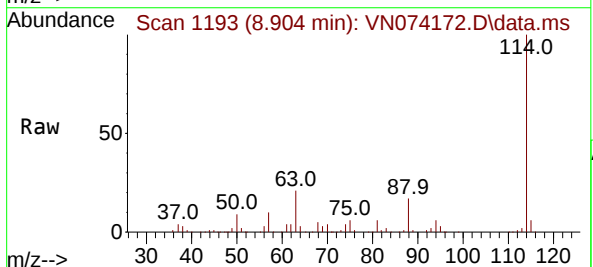
Tgt Ion:114 Resp: 381833

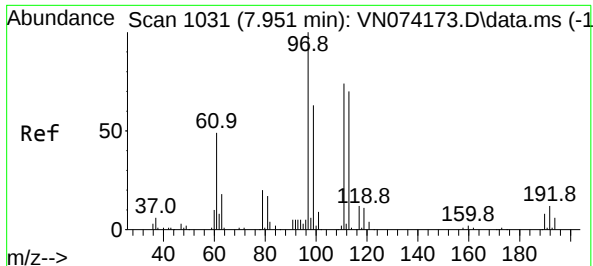
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 20.384 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN074172.D

Acq: 30 Aug 2022 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

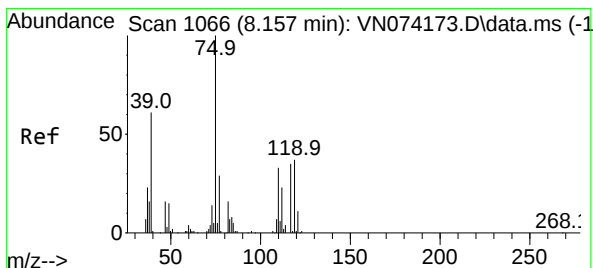
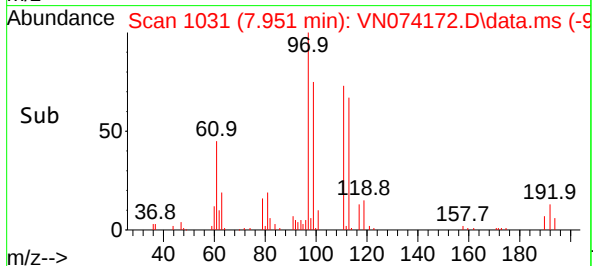
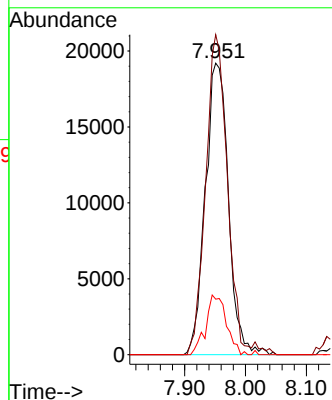
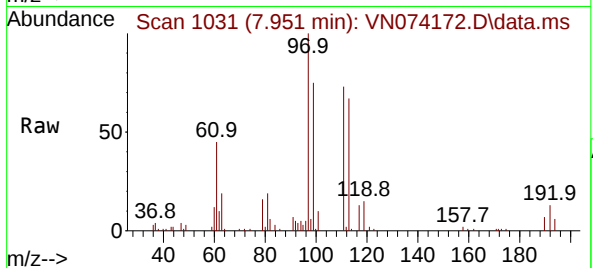
Tgt Ion:	113	Resp:	5064
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.4	122.0
192	18.2	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#36

1,1-Dichloropropene

Concen: 18.983 ug/l

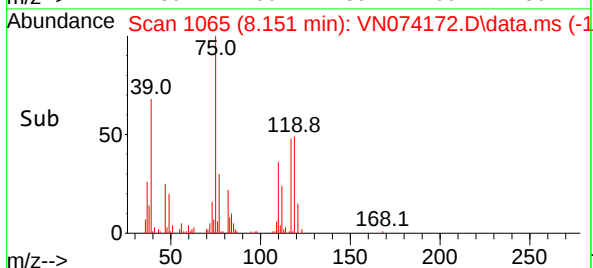
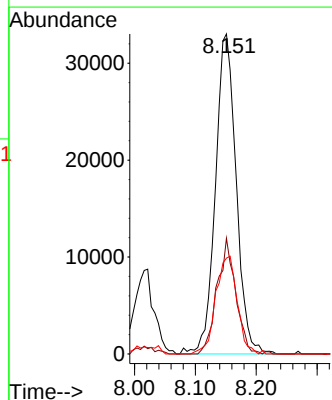
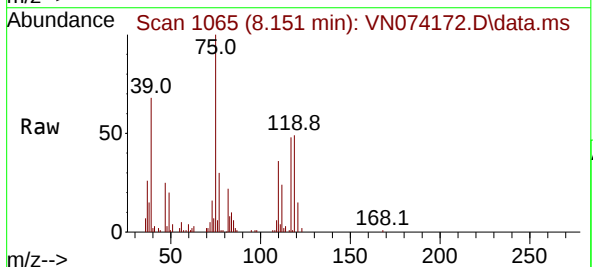
RT: 8.151 min Scan# 1065

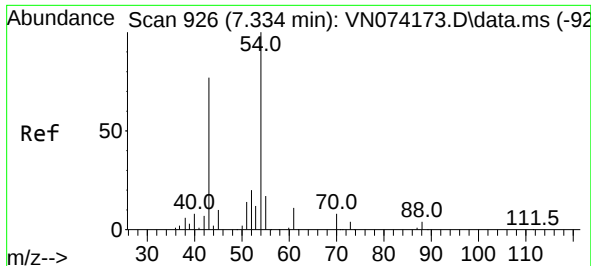
Delta R.T. -0.006 min

Lab File: VN074172.D

Acq: 30 Aug 2022 13:37

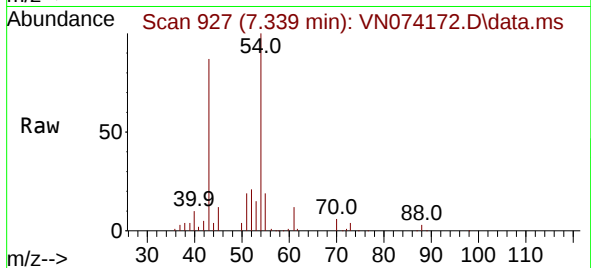
Tgt Ion:	75	Resp:	78440
Ion Ratio	Lower	Upper	
75	100		
110	32.3	18.3	54.8
77	31.4	25.1	37.7





#37
Ethyl Acetate
Concen: 20.187 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

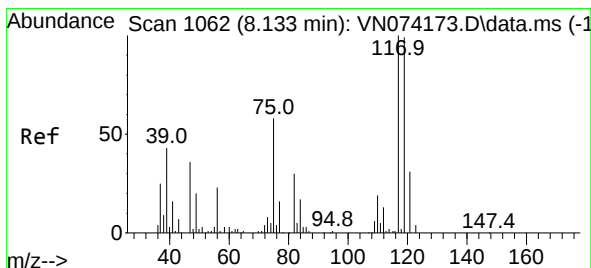
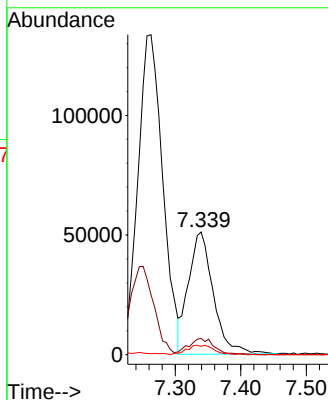
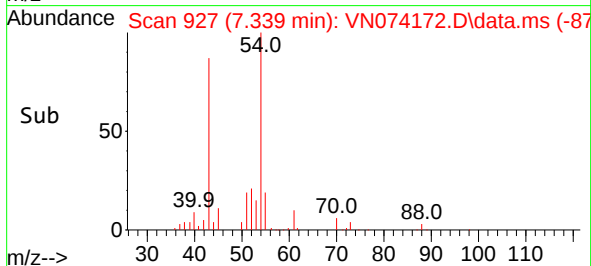
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 135038
Ion Ratio Lower Upper
43 100
61 13.8 11.8 17.6
70 8.2 9.3 13.9

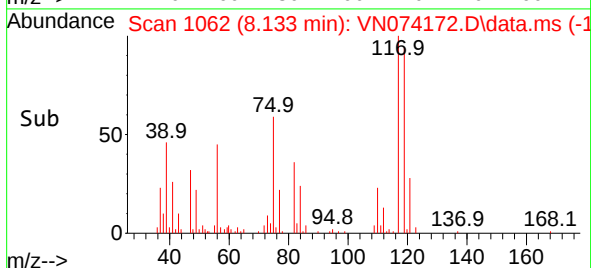
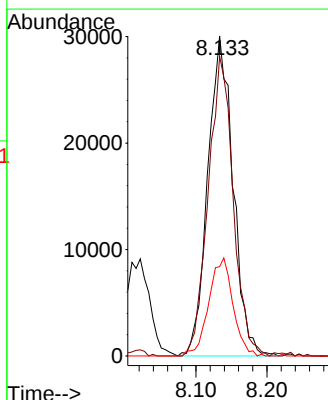
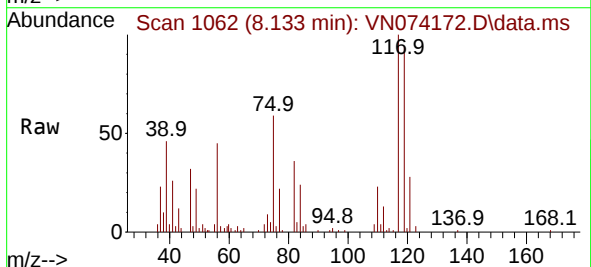
Manual Integrations
APPROVED

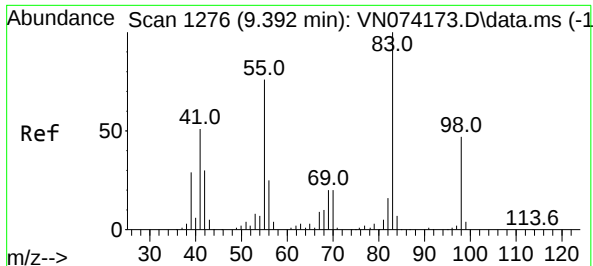
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#38
Carbon Tetrachloride
Concen: 19.372 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

Tgt Ion:117 Resp: 74256
Ion Ratio Lower Upper
117 100
119 93.6 75.8 113.8
121 27.9 24.6 37.0





#39

Methylcyclohexane

Concen: 20.035 ug/l

RT: 9.398 min Scan# 11277

Delta R.T. 0.006 min

Lab File: VN074172.D

Acq: 30 Aug 2022 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

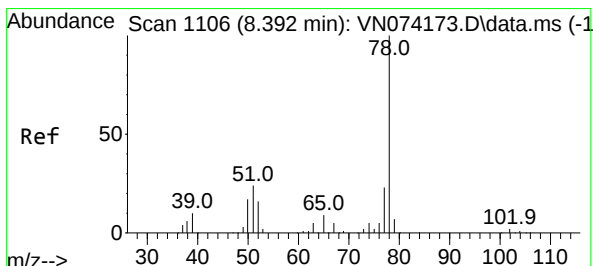
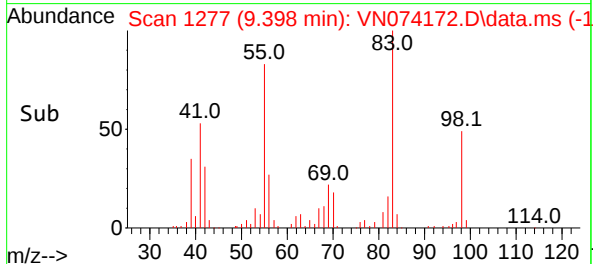
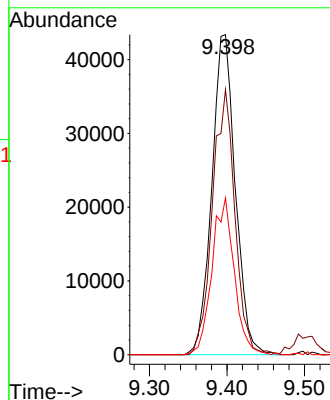
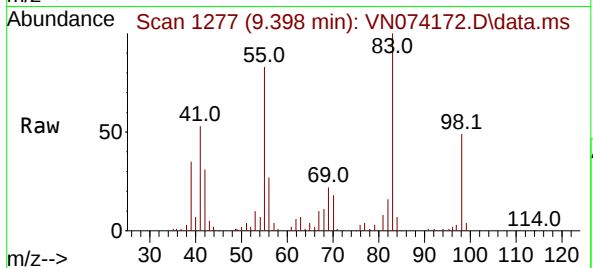
Tgt Ion: 83 Resp: 91540
 Ion Ratio Lower Upper
 83 100
 55 82.9 57.8 86.8
 98 49.0 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#40

Benzene

Concen: 20.237 ug/l

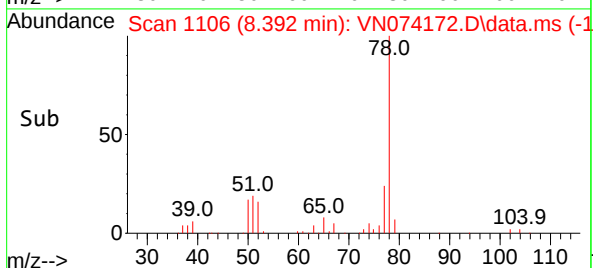
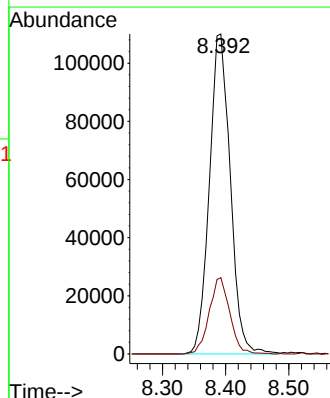
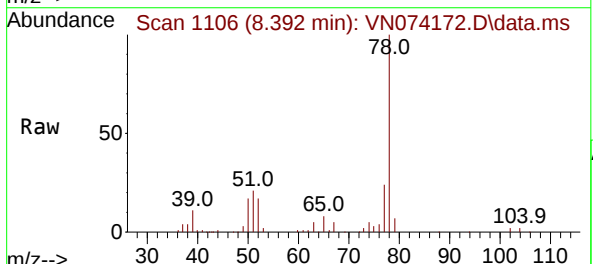
RT: 8.392 min Scan# 1106

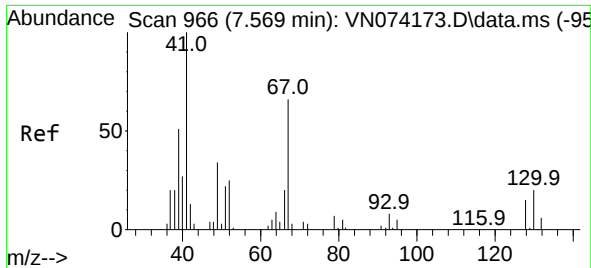
Delta R.T. -0.000 min

Lab File: VN074172.D

Acq: 30 Aug 2022 13:37

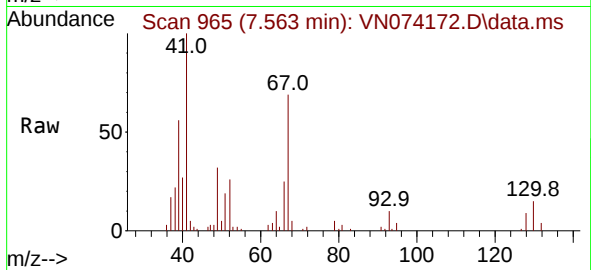
Tgt Ion: 78 Resp: 252766
 Ion Ratio Lower Upper
 78 100
 77 23.8 19.4 29.0





#41
Methacrylonitrile
Concen: 19.437 ug/l
RT: 7.563 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

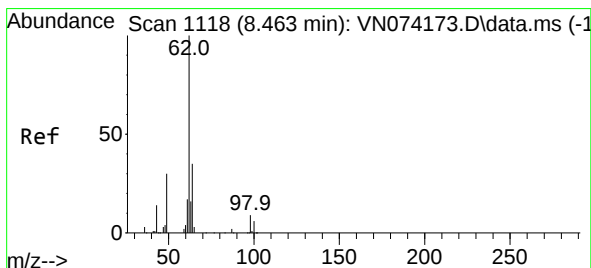
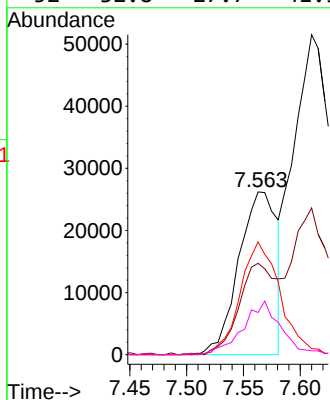
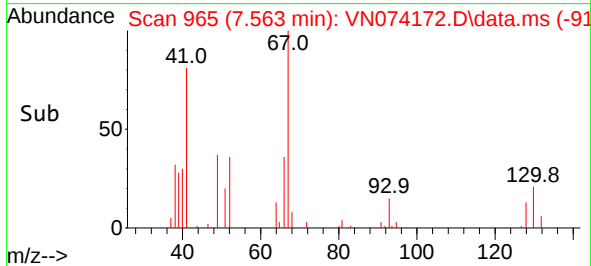
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 6112
Ion Ratio Lower Upper
41 100
39 54.5 48.6 73.0
67 72.6 73.4 110.2
52 32.8 27.7 41.5

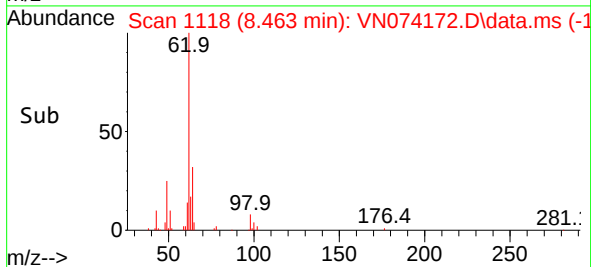
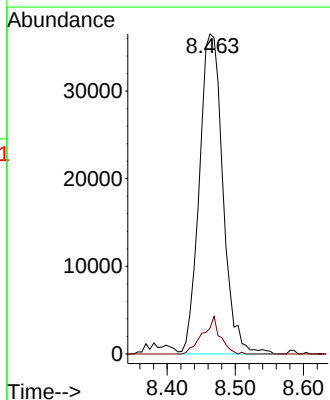
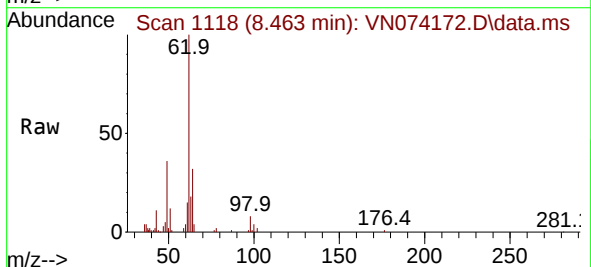
Manual Integrations
APPROVED

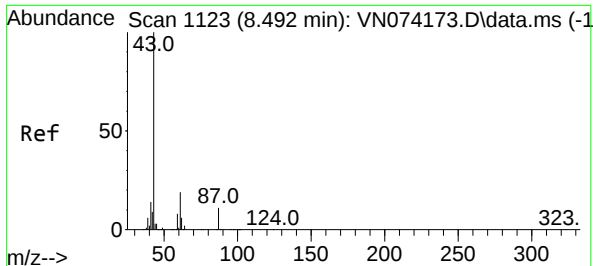
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#42
1,2-Dichloroethane
Concen: 19.188 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

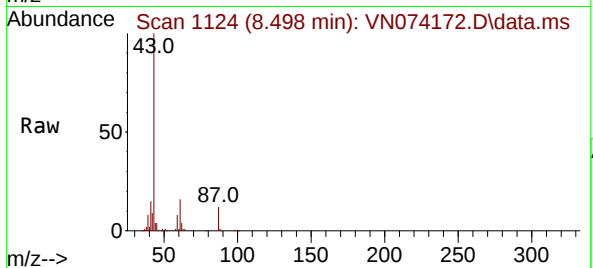
Tgt Ion: 62 Resp: 87845
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.4





#43
Isopropyl Acetate
Concen: 20.157 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

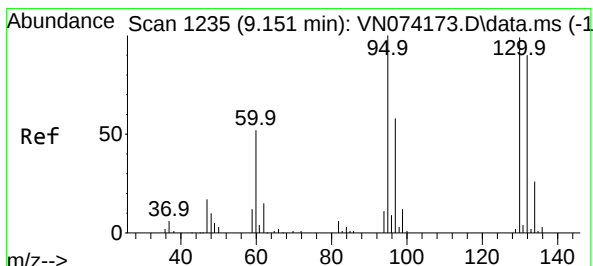
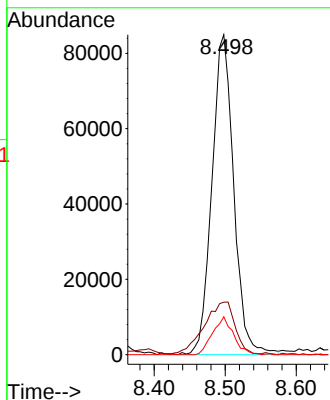
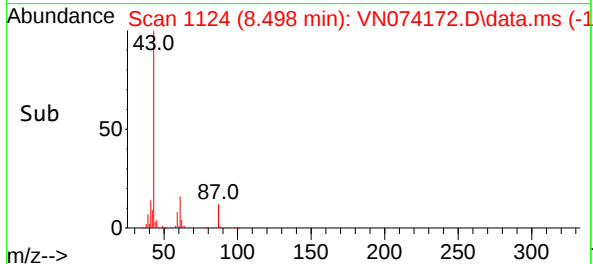
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 180890
Ion Ratio Lower Upper
43 100
61 23.4 21.9 32.9
87 11.4 12.0 18.0

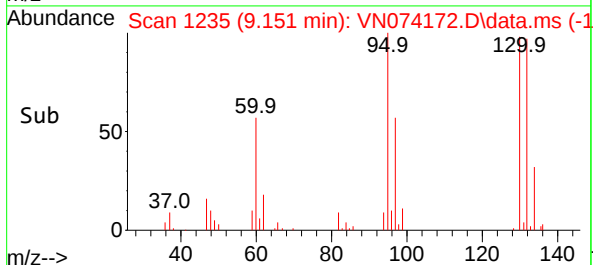
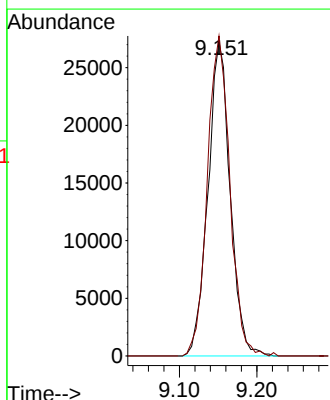
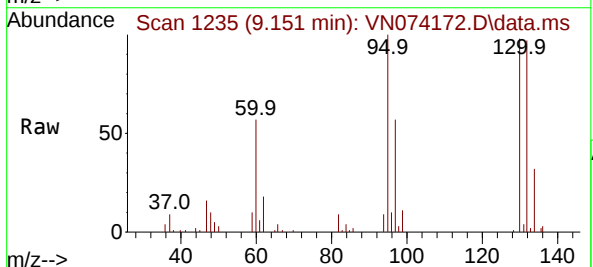
Manual Integrations
APPROVED

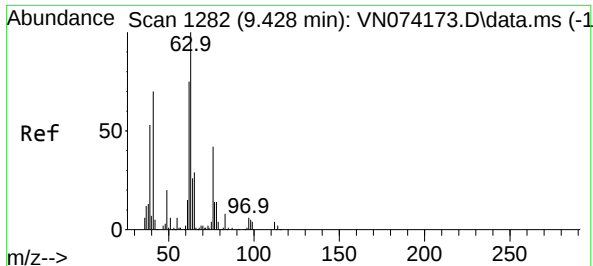
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#44
Trichloroethene
Concen: 19.578 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

Tgt Ion:130 Resp: 54192
Ion Ratio Lower Upper
130 100
95 101.8 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.241 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN074172.D

Acq: 30 Aug 2022 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 66462

Ion Ratio Lower Upper

63 100

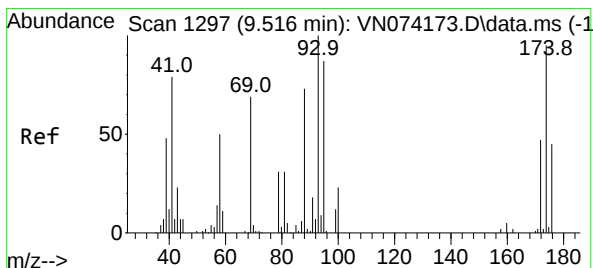
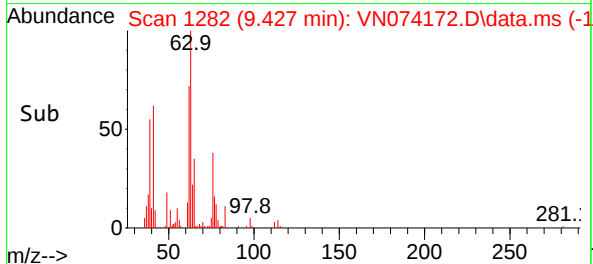
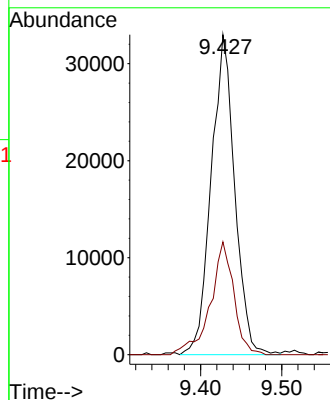
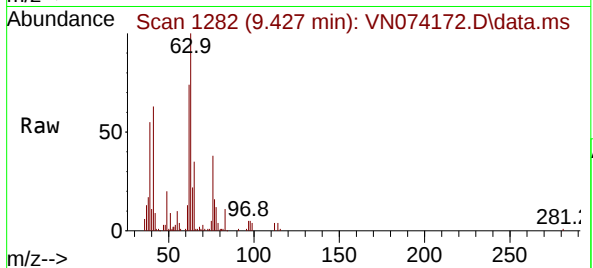
65 35.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#46

Dibromomethane

Concen: 19.929 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN074172.D

Acq: 30 Aug 2022 13:37

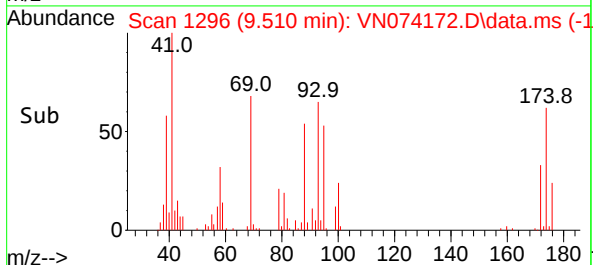
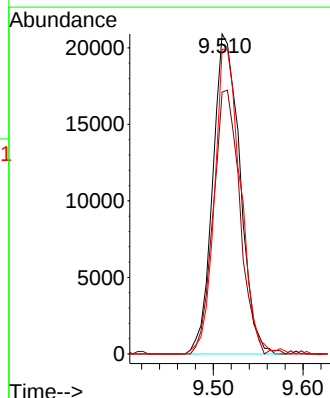
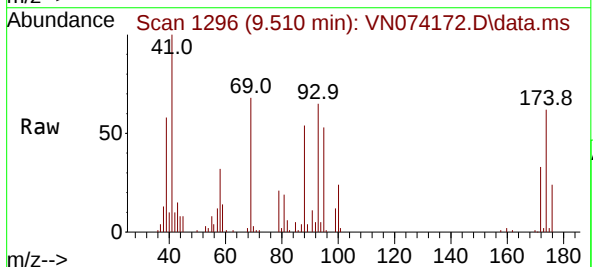
Tgt Ion: 93 Resp: 43886

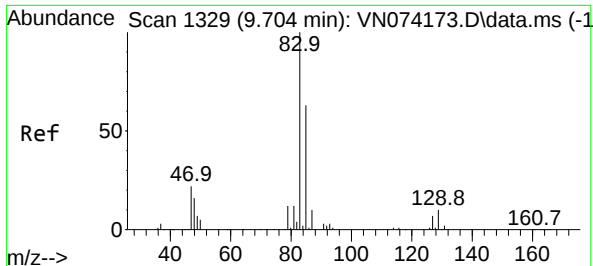
Ion Ratio Lower Upper

93 100

95 80.6 66.9 100.3

174 91.7 86.6 130.0





#47

Bromodichloromethane

Concen: 19.249 ug/l

RT: 9.698 min Scan# 1328

Delta R.T. -0.006 min

Lab File: VN074172.D

Acq: 30 Aug 2022 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

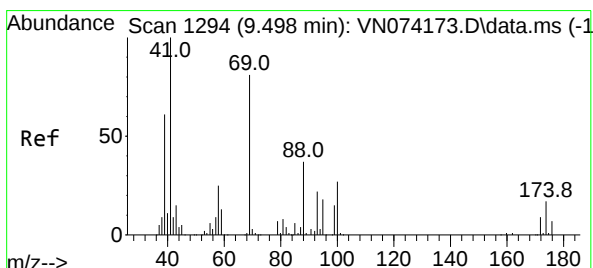
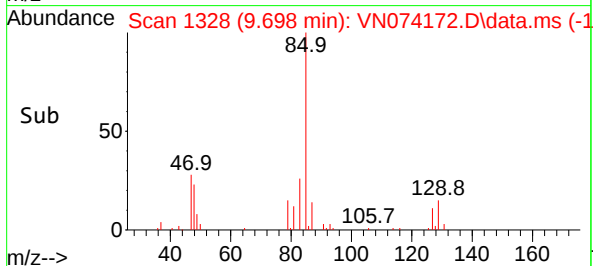
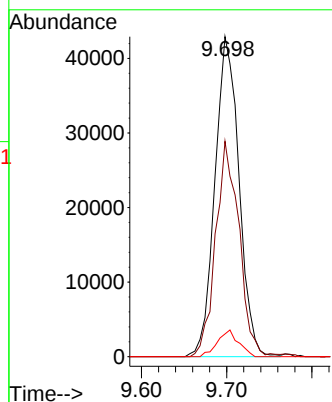
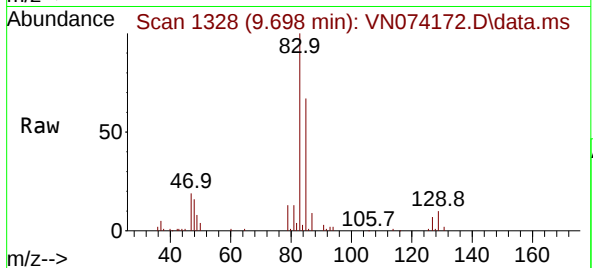
Tgt Ion: 83	Resp: 84390
Ion Ratio	Lower Upper
83 100	
85 67.3	50.5 75.7
127 7.1	6.8 10.2

Manual Integrations

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Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#48

Methyl methacrylate

Concen: 21.329 ug/l

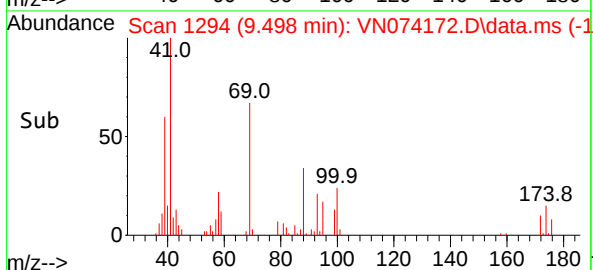
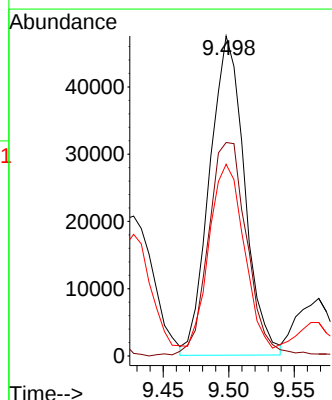
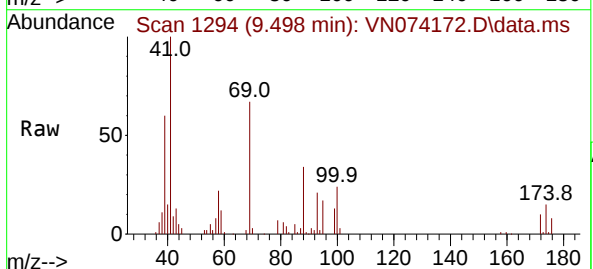
RT: 9.498 min Scan# 1294

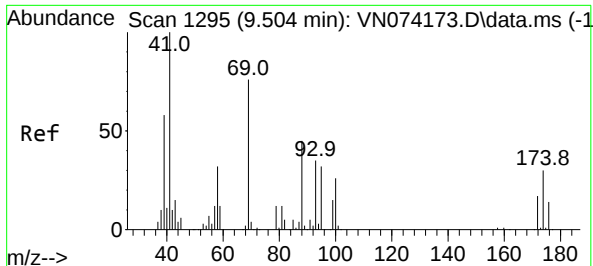
Delta R.T. -0.000 min

Lab File: VN074172.D

Acq: 30 Aug 2022 13:37

Tgt Ion: 41	Resp: 88041
Ion Ratio	Lower Upper
41 100	
69 74.4	74.7 112.1#
39 61.6	45.6 68.4





#49

1,4-Dioxane

Concen: 422.149 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN074172.D

Acq: 30 Aug 2022 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

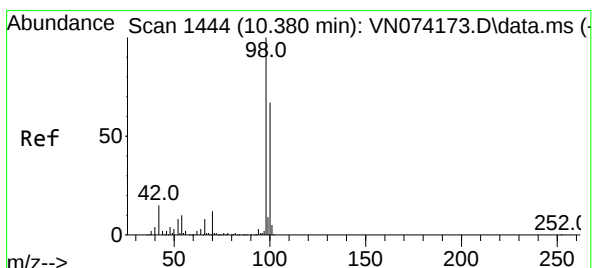
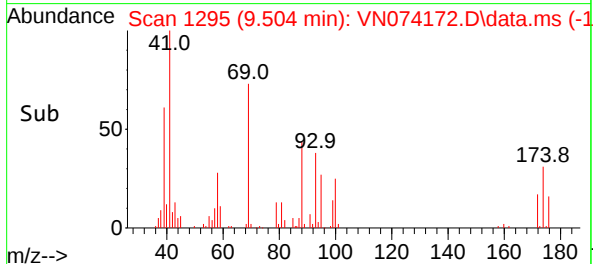
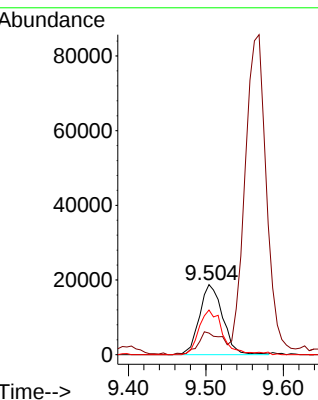
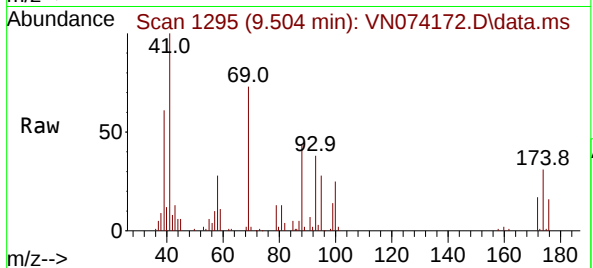
Tgt Ion: 88 Resp: 39190
 Ion Ratio Lower Upper
 88 100
 43 33.1 20.2 30.4
 58 63.7 54.2 81.4

Manual Integrations

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Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#50

Toluene-d8

Concen: 19.587 ug/l

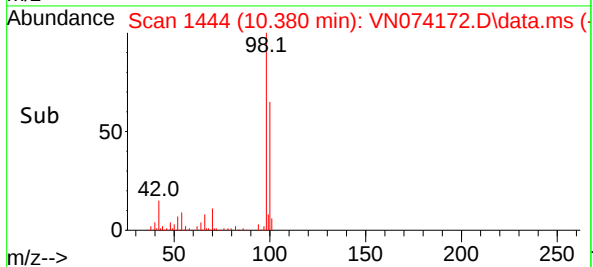
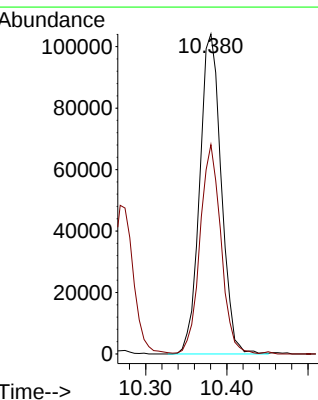
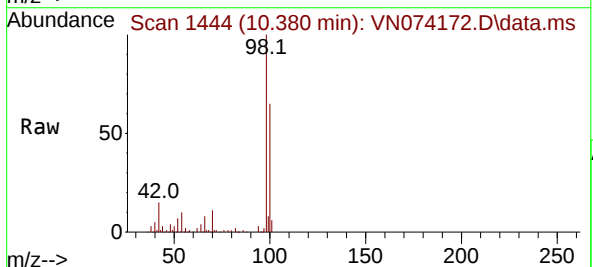
RT: 10.380 min Scan# 1444

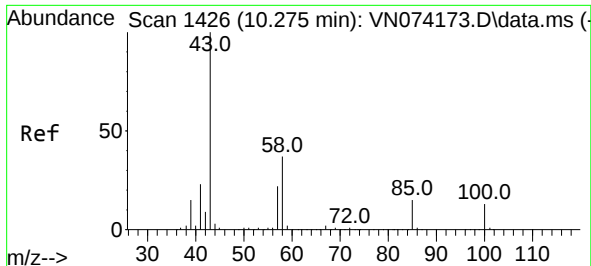
Delta R.T. -0.000 min

Lab File: VN074172.D

Acq: 30 Aug 2022 13:37

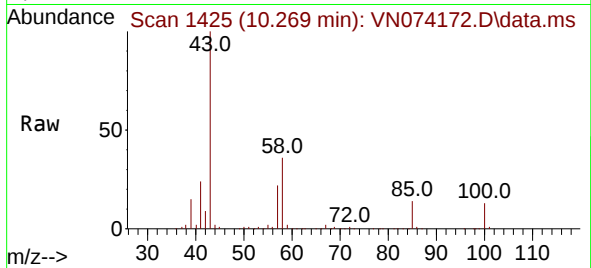
Tgt Ion: 98 Resp: 191654
 Ion Ratio Lower Upper
 98 100
 100 63.2 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 105.423 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

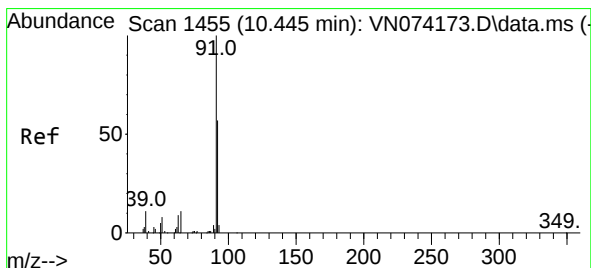
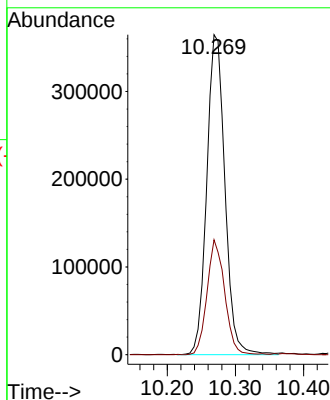
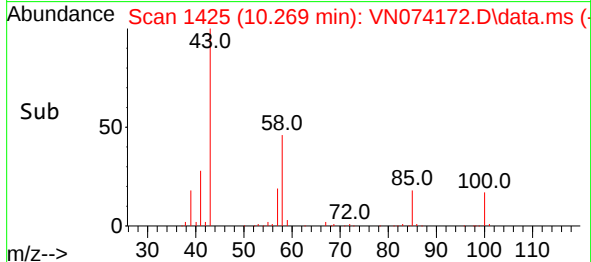
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 676019
Ion Ratio Lower Upper
43 100
58 34.8 34.1 51.1

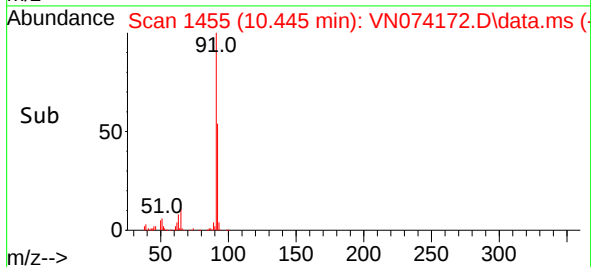
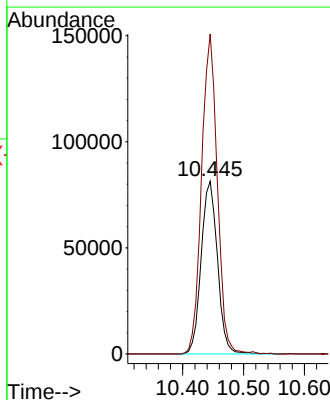
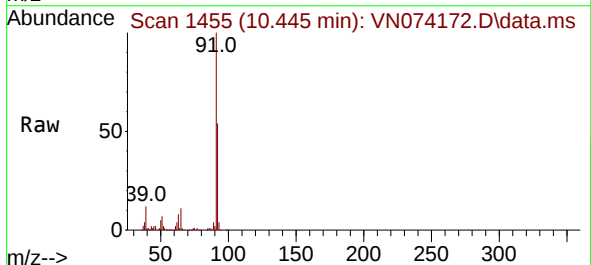
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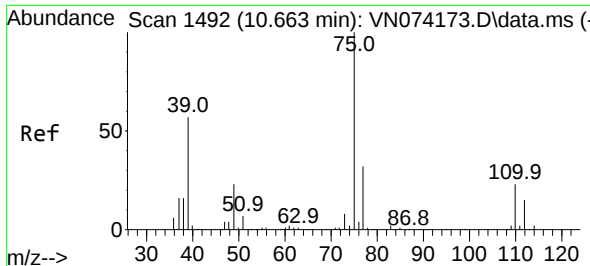
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#52
Toluene
Concen: 20.642 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

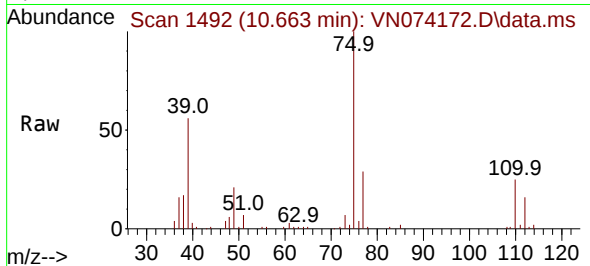
Tgt Ion: 92 Resp: 151314
Ion Ratio Lower Upper
92 100
91 179.0 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 19.651 ug/l
 RT: 10.663 min Scan# 1492
 Delta R.T. -0.000 min
 Lab File: VN074172.D
 Acq: 30 Aug 2022 13:37

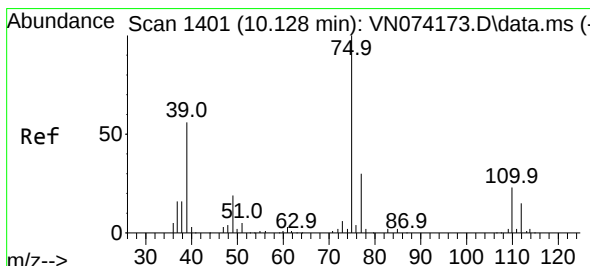
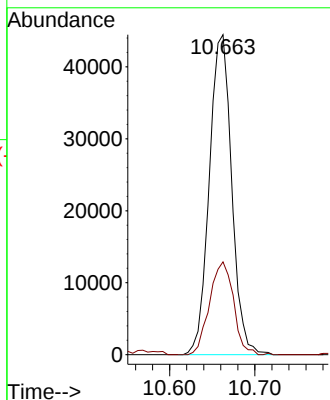
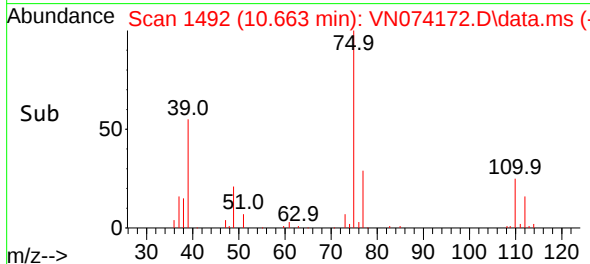
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



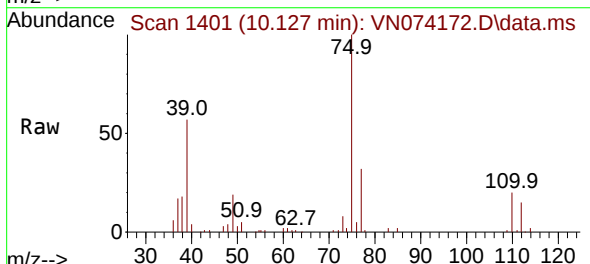
Tgt Ion: 75 Resp: 81124
 Ion Ratio Lower Upper
 75 100
 77 29.0 25.6 38.4

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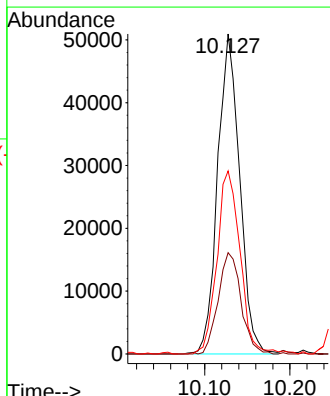
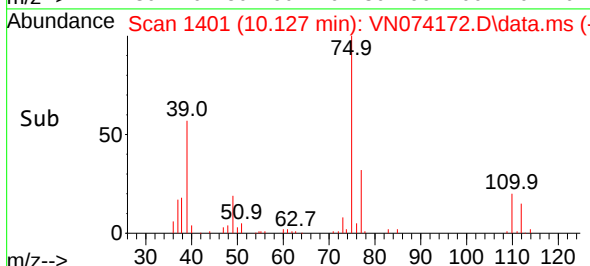
Reviewed By :John Carlone 08/31/2022
 Supervised By :Semsettin Yesilyurt 08/31/2022

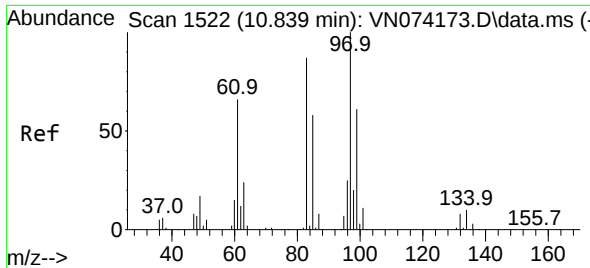


#54
 cis-1,3-Dichloropropene
 Concen: 19.061 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. -0.000 min
 Lab File: VN074172.D
 Acq: 30 Aug 2022 13:37



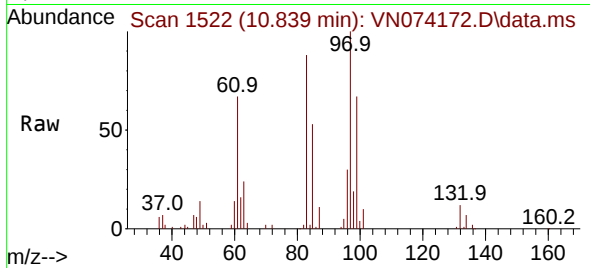
Tgt Ion: 75 Resp: 91701
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8
 39 57.2 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 20.116 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

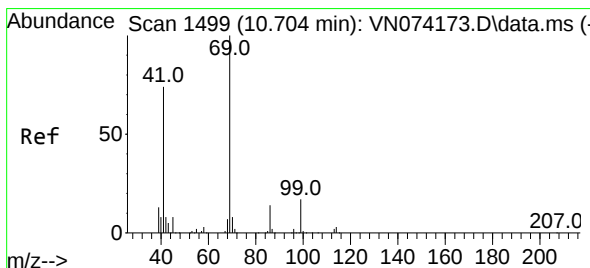
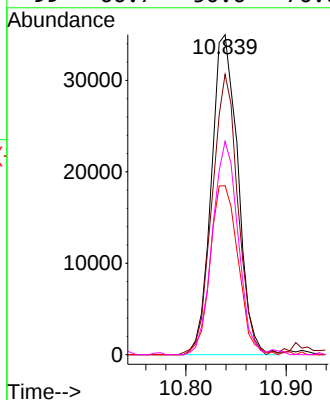
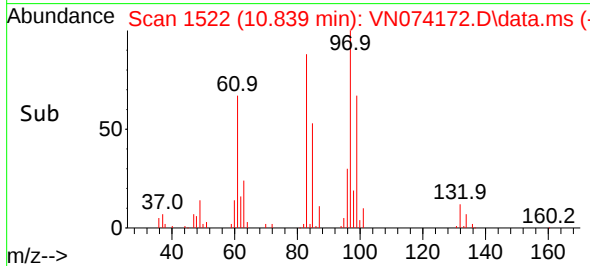
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



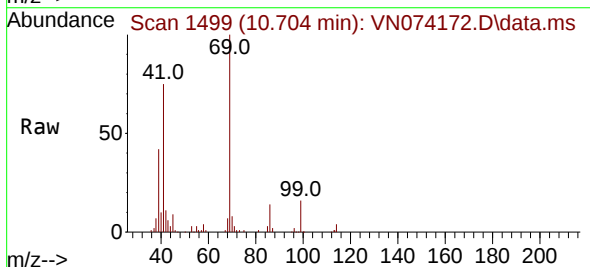
Tgt Ion:	97	Resp:	6435
Ion	Ratio	Lower	Upper
97	100		
83	87.6	66.2	99.4
85	52.8	43.9	65.9
99	66.7	50.6	76.0

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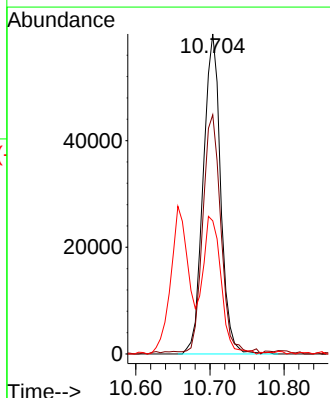
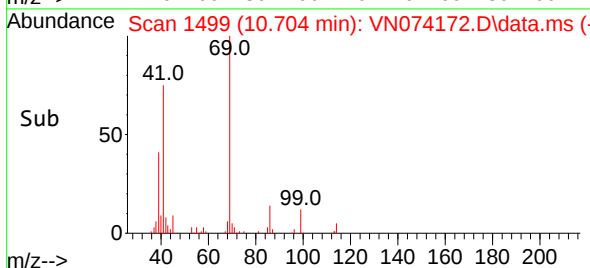
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

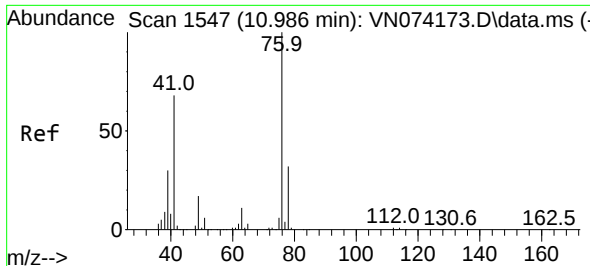


#56
Ethyl methacrylate
Concen: 20.430 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37



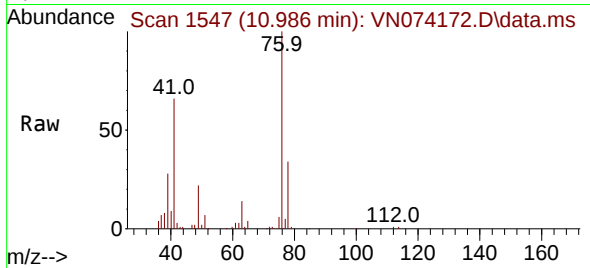
Tgt Ion:	69	Resp:	97921
Ion	Ratio	Lower	Upper
69	100		
41	78.9	47.8	71.6#
39	45.2	27.3	40.9#





#57
 1,3-Dichloropropane
 Concen: 19.179 ug/l
 RT: 10.986 min Scan# 1547
 Delta R.T. -0.000 min
 Lab File: VN074172.D
 Acq: 30 Aug 2022 13:37

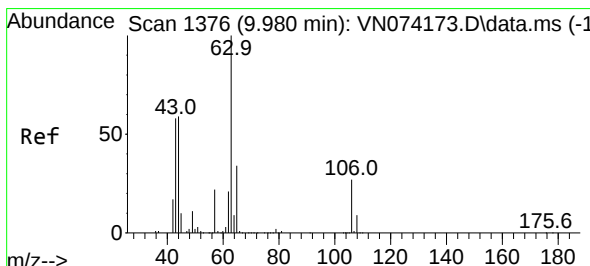
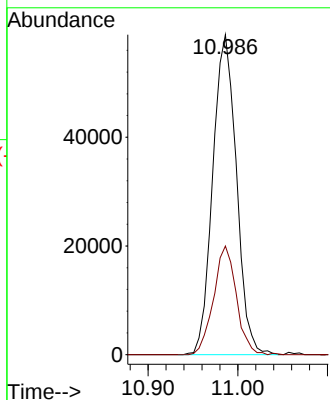
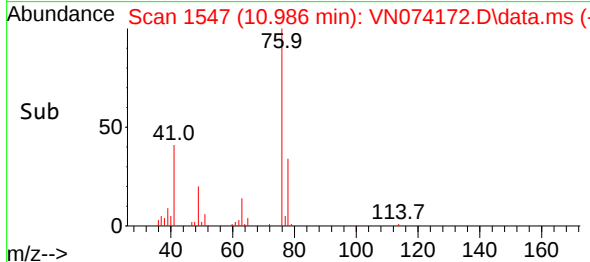
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 76 Resp: 10776
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.2

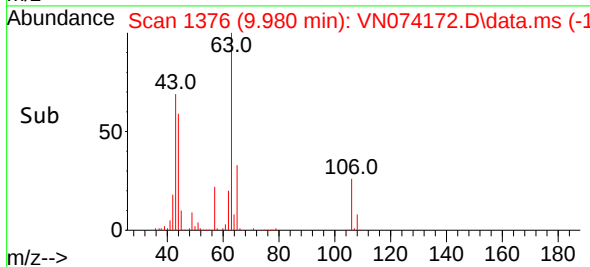
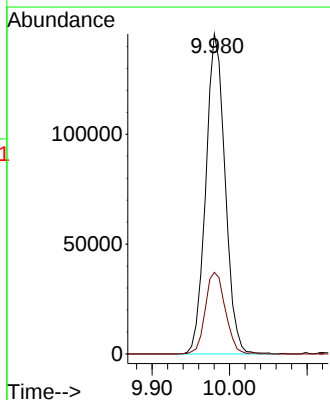
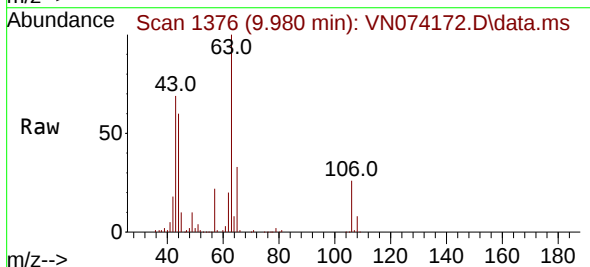
Manual Integrations
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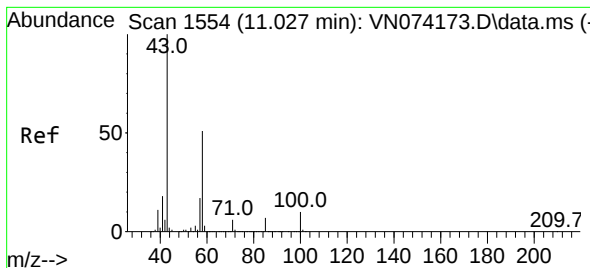
Reviewed By :John Carlone 08/31/2022
 Supervised By :Semsettin Yesilyurt 08/31/2022



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.326 ug/l
 RT: 9.980 min Scan# 1376
 Delta R.T. -0.000 min
 Lab File: VN074172.D
 Acq: 30 Aug 2022 13:37

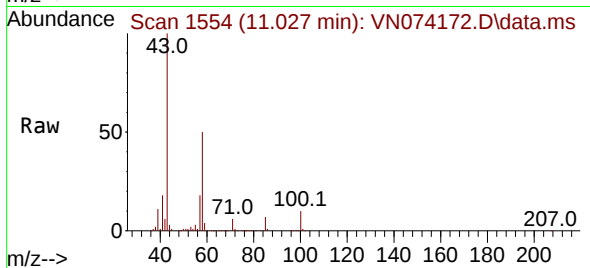
Tgt Ion: 63 Resp: 251677
 Ion Ratio Lower Upper
 63 100
 106 26.5 24.6 36.8





#59
2-Hexanone
Concen: 104.175 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

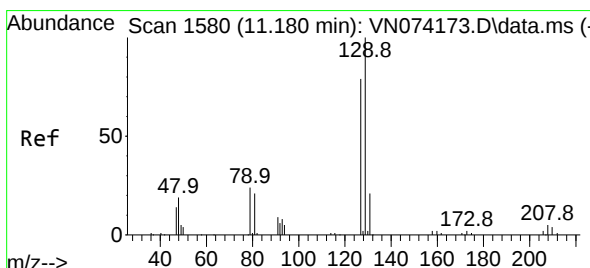
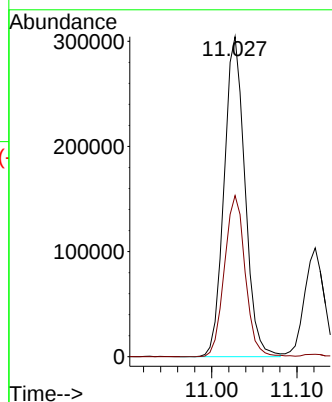
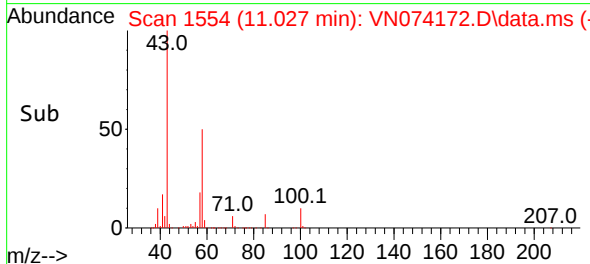
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 51766
Ion Ratio Lower Upper
43 100
58 50.1 29.7 89.1

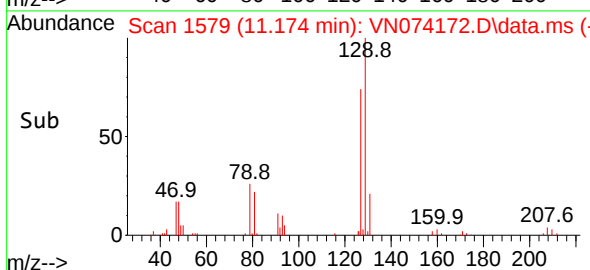
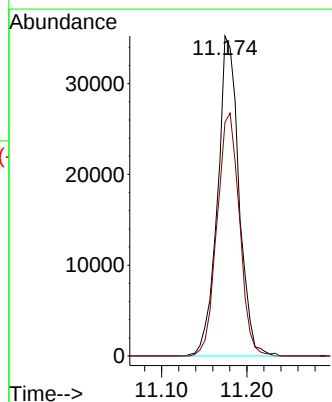
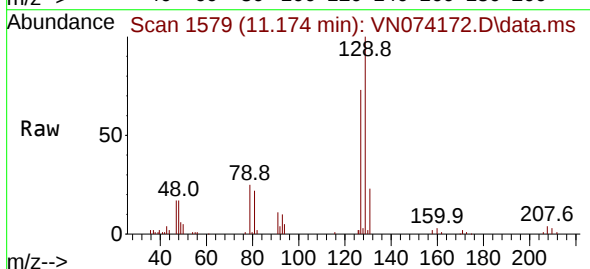
Manual Integrations
APPROVED

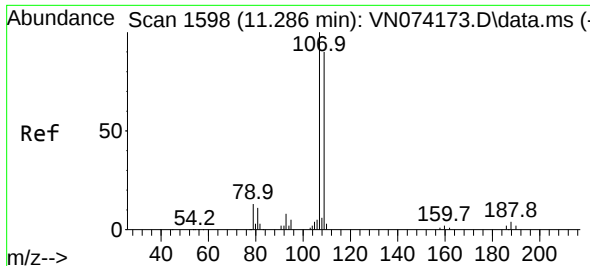
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#60
Dibromochloromethane
Concen: 20.266 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

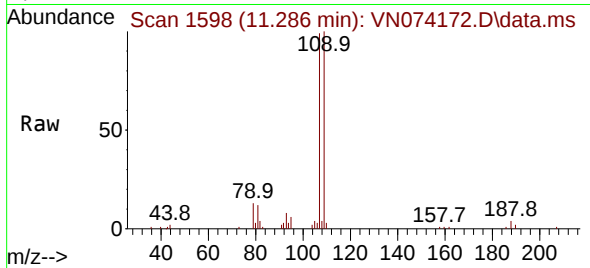
Tgt Ion:129 Resp: 61302
Ion Ratio Lower Upper
129 100
127 79.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.124 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

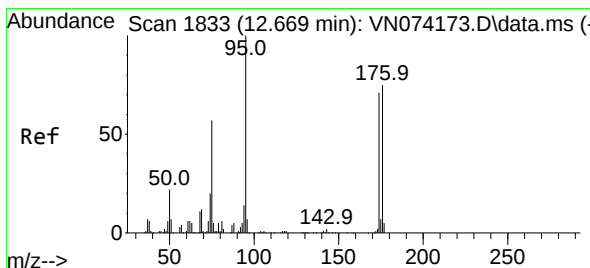
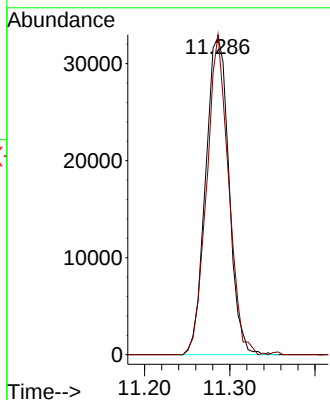
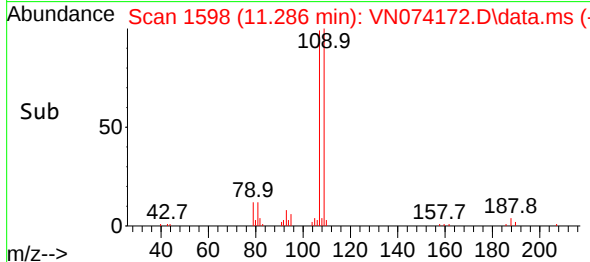
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:107 Resp: 62305
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.6

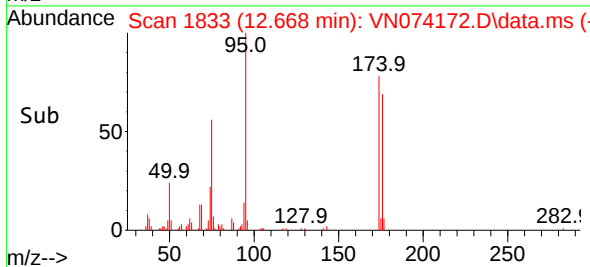
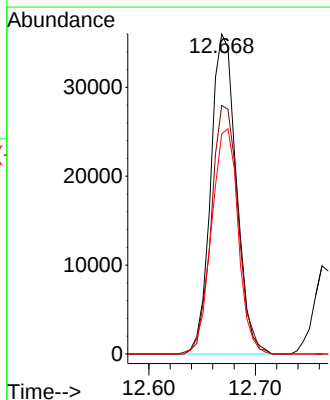
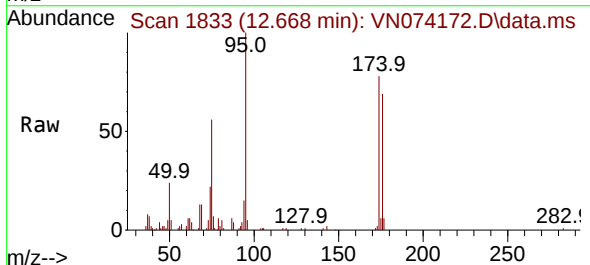
Manual Integrations
APPROVED

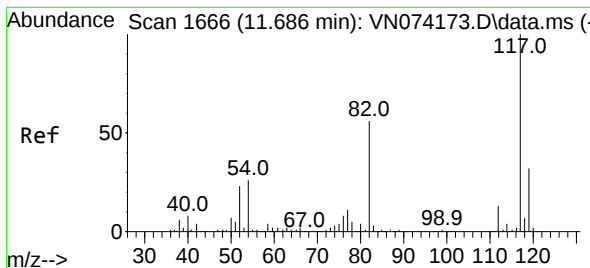
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#62
4-Bromofluorobenzene
Concen: 20.183 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

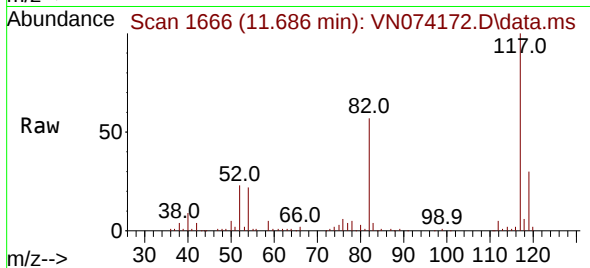
Tgt Ion: 95 Resp: 60058
Ion Ratio Lower Upper
95 100
174 81.7 0.0 167.6
176 73.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

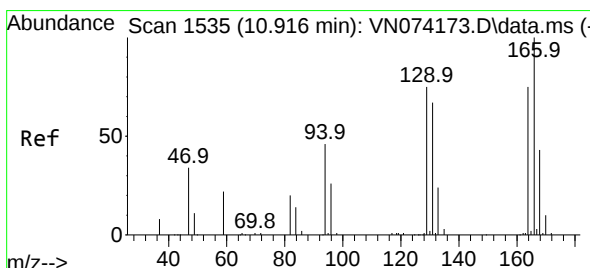
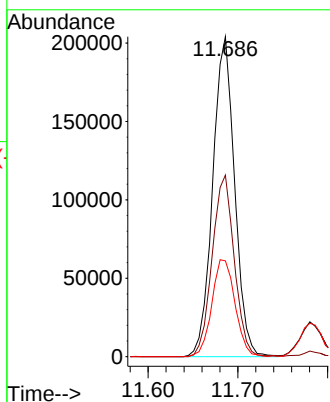
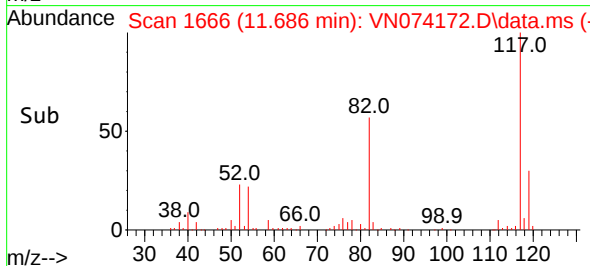
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



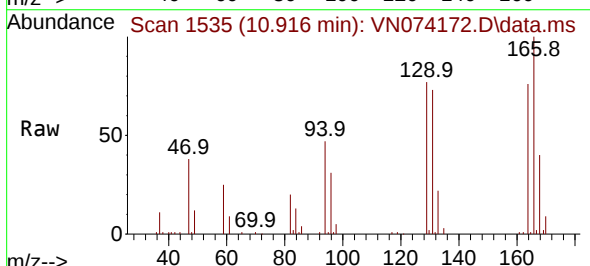
Tgt Ion:117 Resp: 34596
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 30.0 25.4 38.0

Manual Integrations
APPROVED

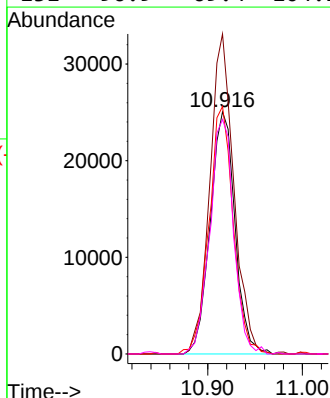
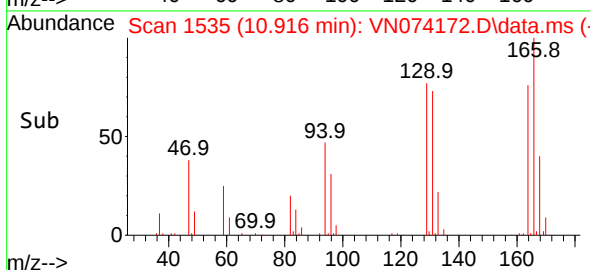
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

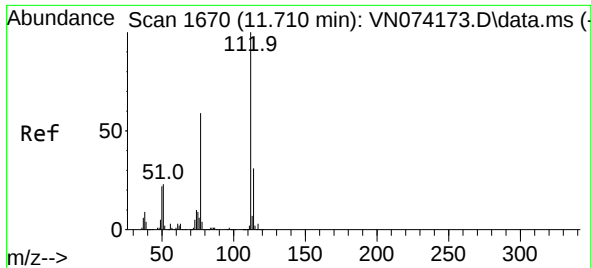


#64
Tetrachloroethene
Concen: 18.322 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37



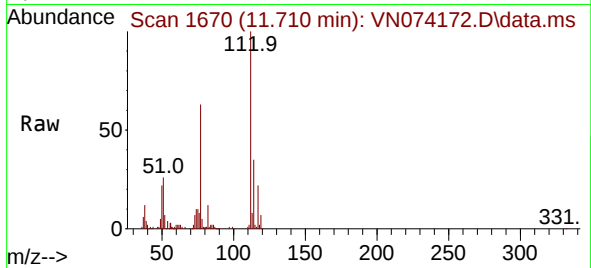
Tgt Ion:164 Resp: 45442
Ion Ratio Lower Upper
164 100
166 132.2 104.2 156.2
129 102.2 73.9 110.9
131 96.9 69.4 104.2





#65
Chlorobenzene
Concen: 19.191 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

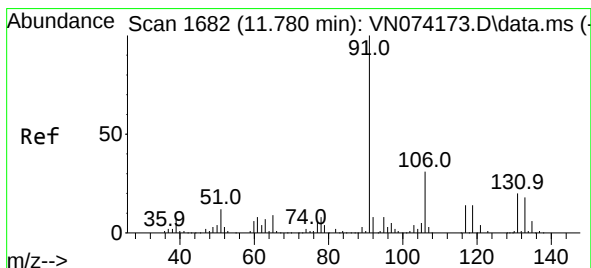
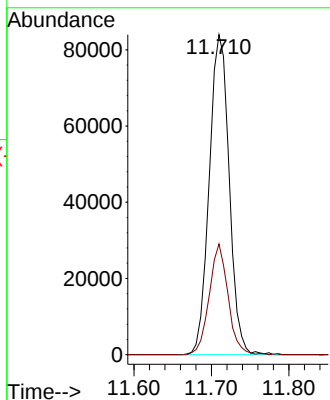
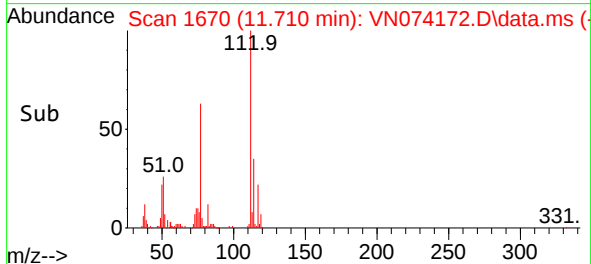
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:112 Resp: 150634
Ion Ratio Lower Upper
112 100
114 34.6 25.4 38.2

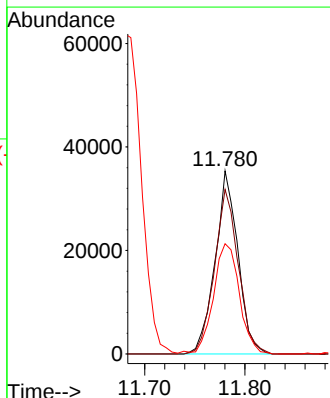
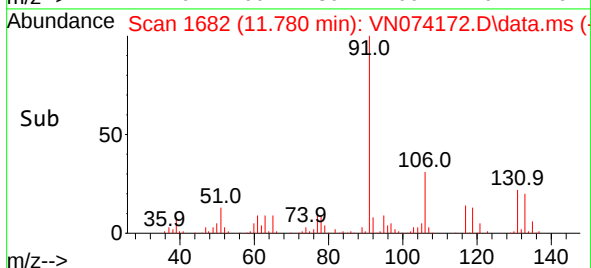
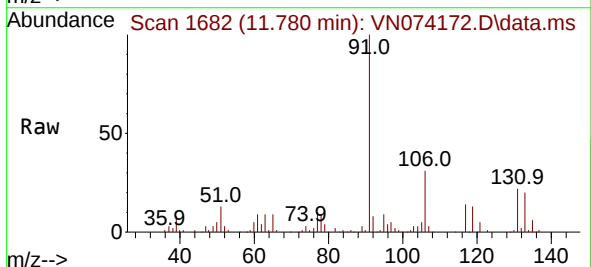
Manual Integrations
APPROVED

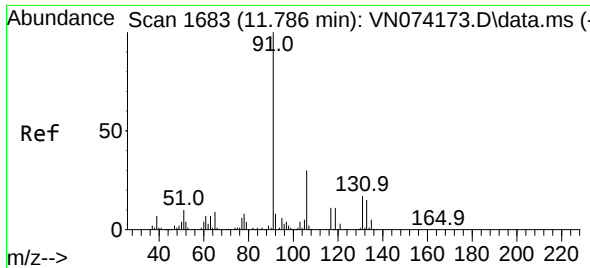
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.452 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

Tgt Ion:131 Resp: 55859
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.4
119 68.5 33.4 100.2





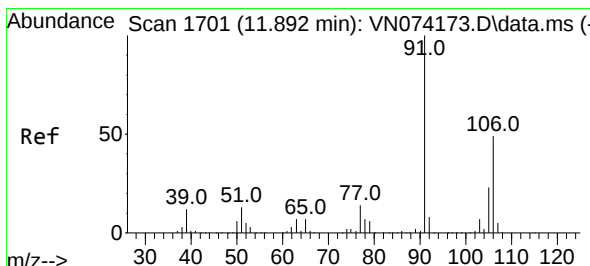
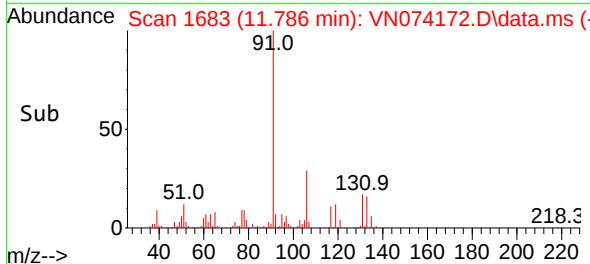
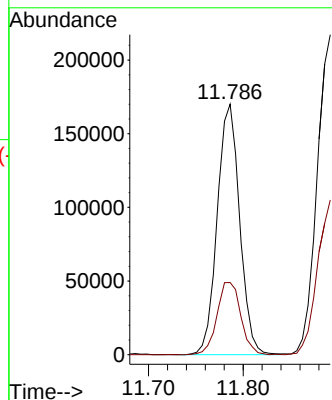
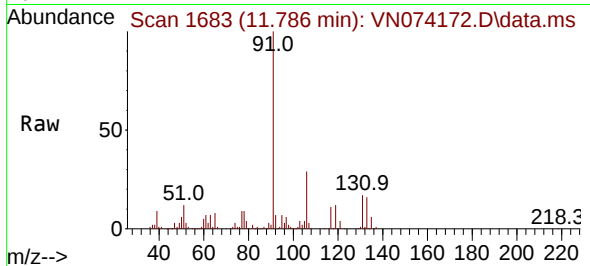
#67
Ethyl Benzene
Concen: 20.415 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 280238
Ion Ratio Lower Upper
91 100
106 28.8 24.9 37.3

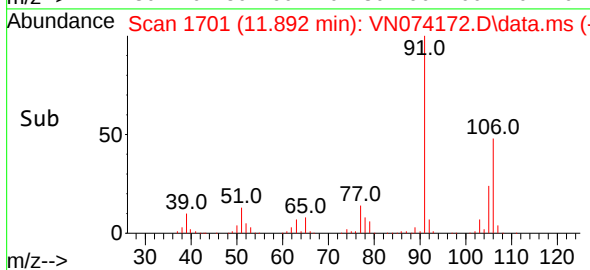
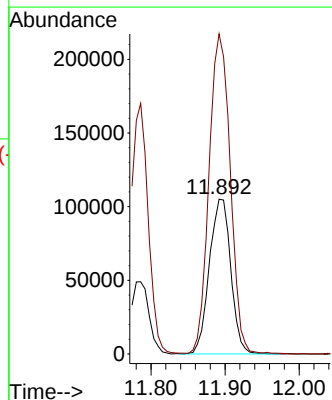
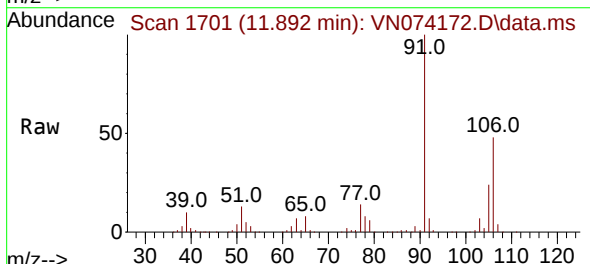
Manual Integrations
APPROVED

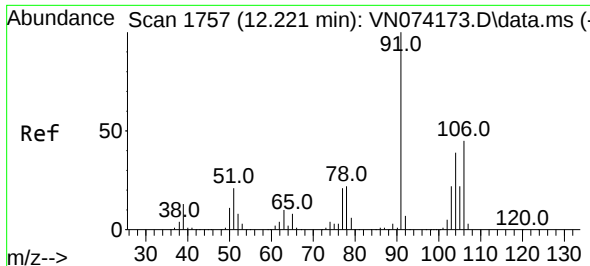
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#68
m/p-Xylenes
Concen: 41.992 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

Tgt Ion:106 Resp: 210981
Ion Ratio Lower Upper
106 100
91 205.5 158.9 238.3





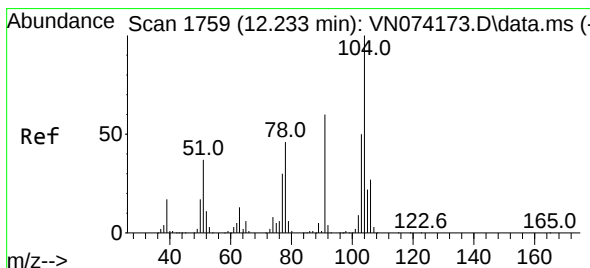
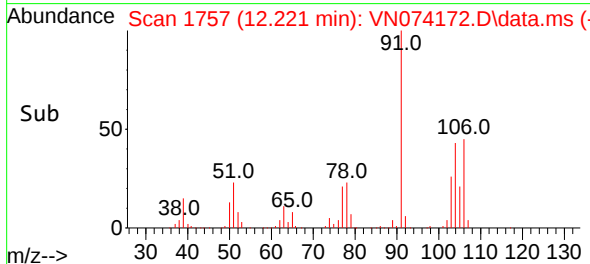
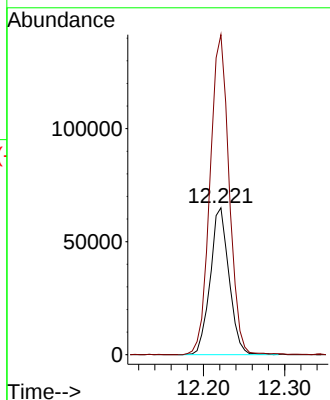
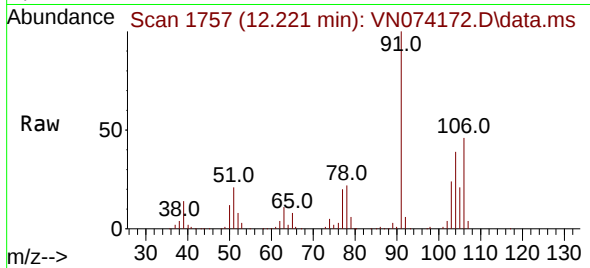
#69
o-Xylene
Concen: 20.370 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 10450
Ion Ratio Lower Upper
106 100
91 222.0 106.0 318.0

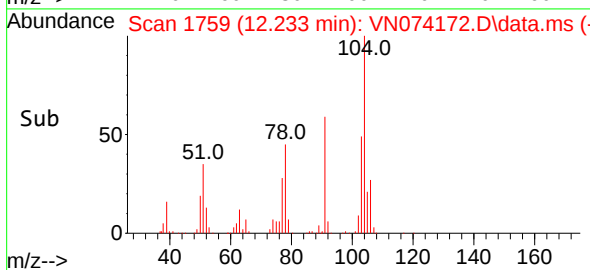
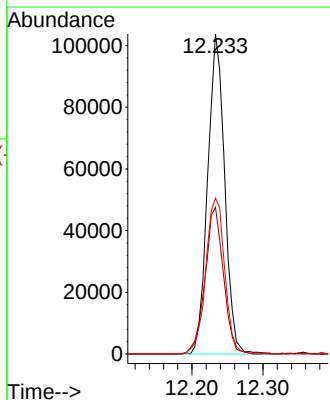
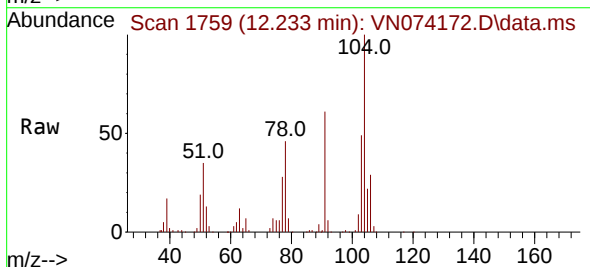
Manual Integrations
APPROVED

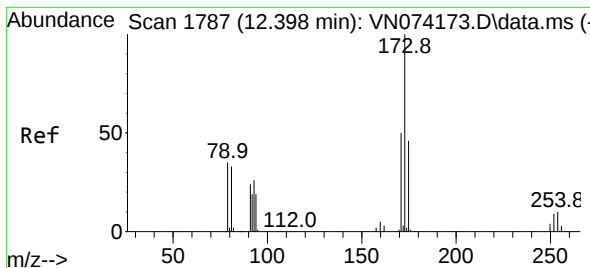
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#70
Styrene
Concen: 21.027 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

Tgt Ion:104 Resp: 171819
Ion Ratio Lower Upper
104 100
78 49.8 39.5 59.3
103 54.5 44.0 66.0





#71

Bromoform

Concen: 19.199 ug/l

RT: 12.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074172.D

Acq: 30 Aug 2022 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

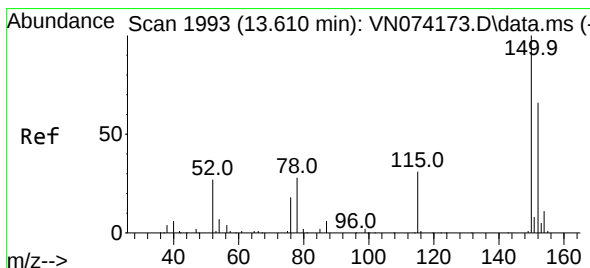
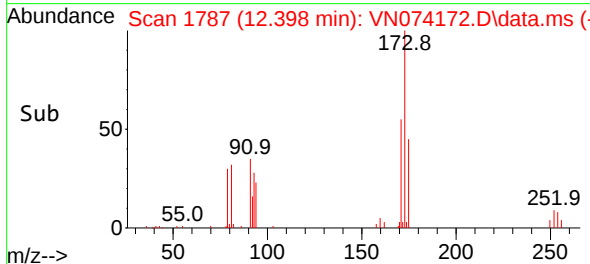
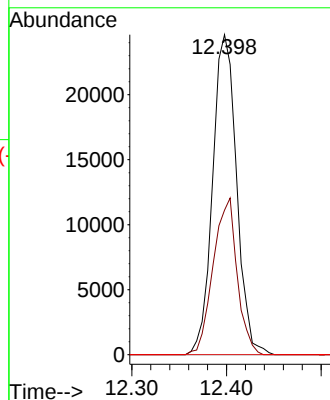
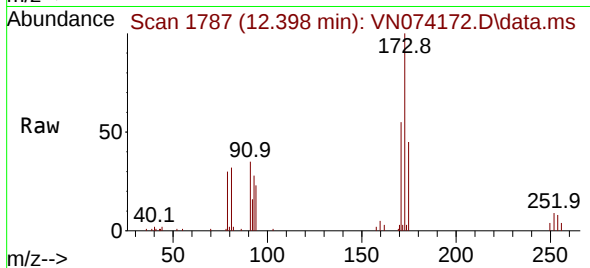
Tgt Ion:173	Resp: 4325
Ion Ratio	Lower Upper
173 100	
175 48.8	24.6 73.6
254 0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

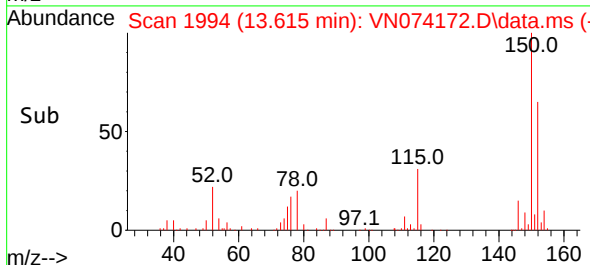
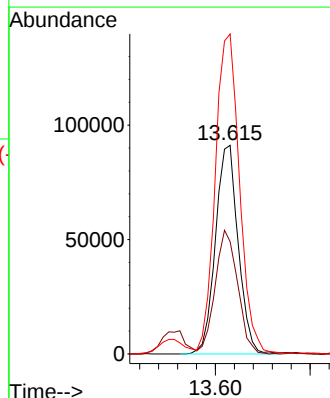
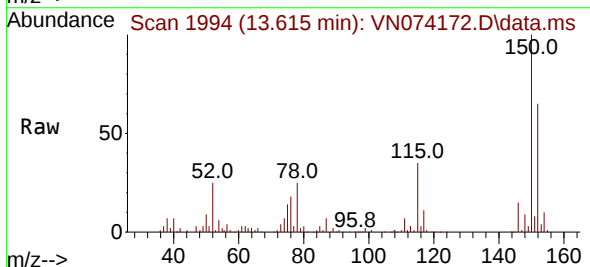
RT: 13.615 min Scan# 1994

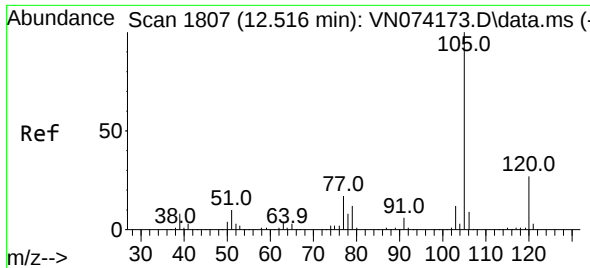
Delta R.T. 0.006 min

Lab File: VN074172.D

Acq: 30 Aug 2022 13:37

Tgt Ion:152	Resp: 152326
Ion Ratio	Lower Upper
152 100	
115 58.6	28.9 86.7
150 162.5	0.0 356.2





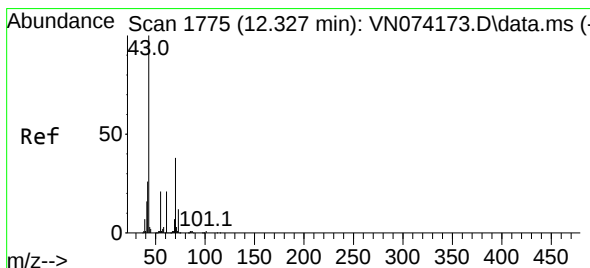
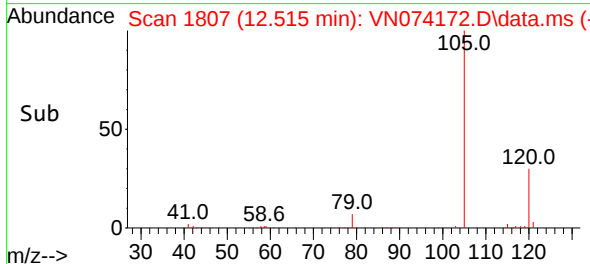
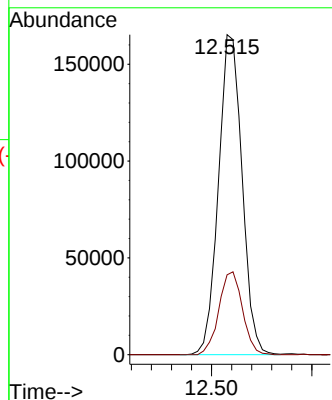
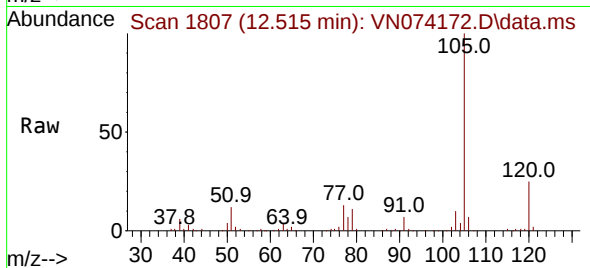
#73
Isopropylbenzene
Concen: 20.989 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 269639
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.4

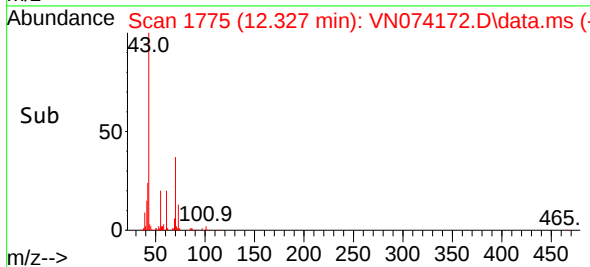
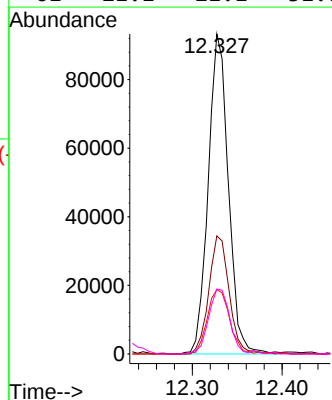
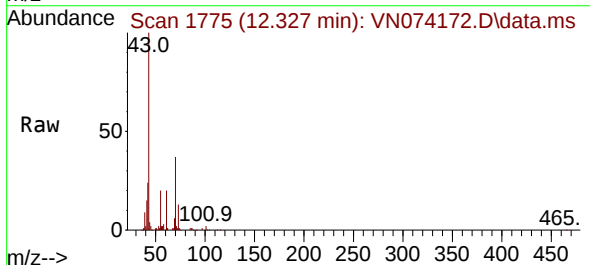
Manual Integrations
APPROVED

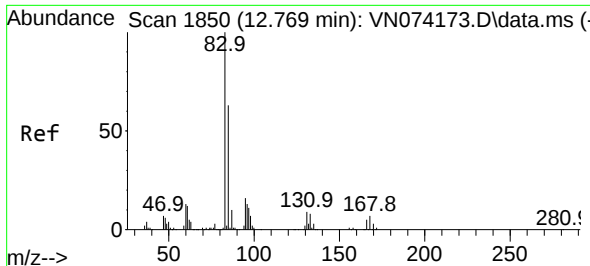
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#74
N-ethyl acetate
Concen: 20.574 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

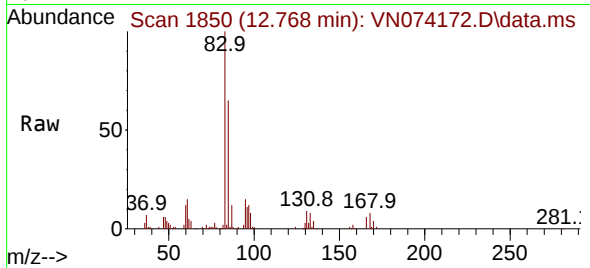
Tgt Ion: 43 Resp: 145553
Ion Ratio Lower Upper
43 100
70 37.4 39.0 58.4#
55 22.6 21.1 31.7
61 21.1 21.1 31.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.693 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

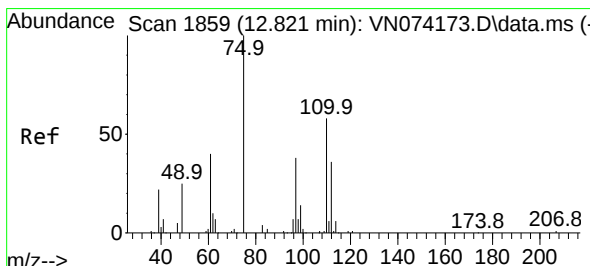
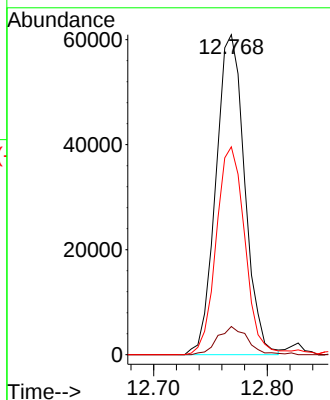
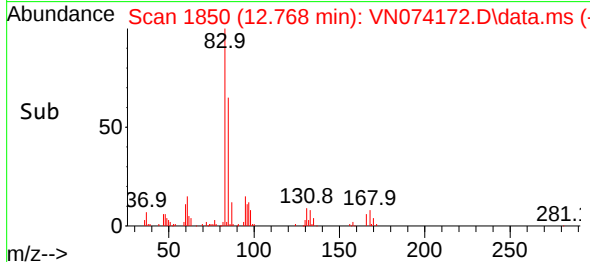
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 107219
Ion Ratio Lower Upper
83 100
131 9.2 5.3 15.9
85 64.9 32.3 96.9

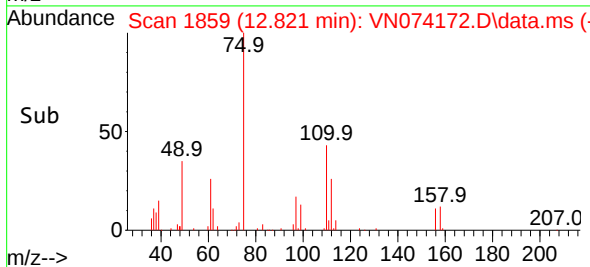
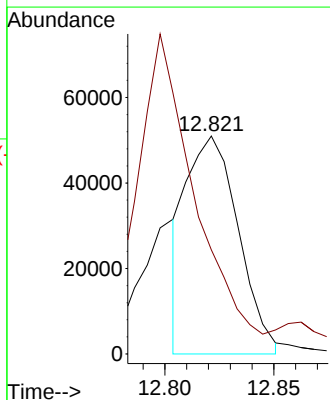
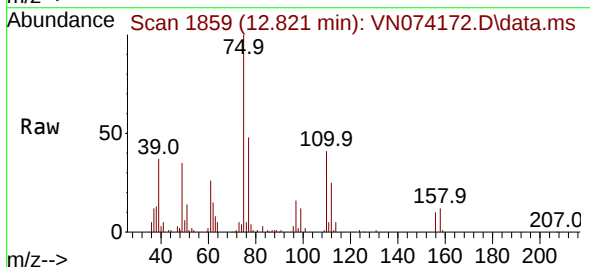
Manual Integrations
APPROVED

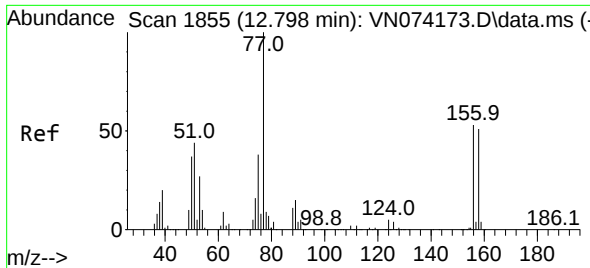
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#76
1,2,3-Trichloropropane
Concen: 14.968 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

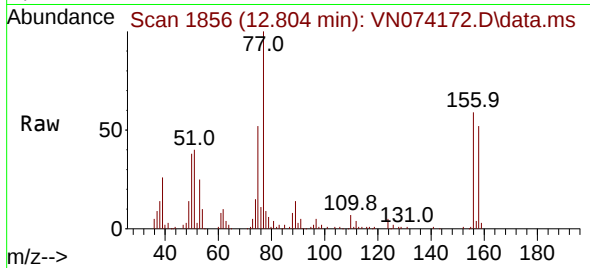
Tgt Ion: 75 Resp: 84556
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 21.374 ug/l
RT: 12.804 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

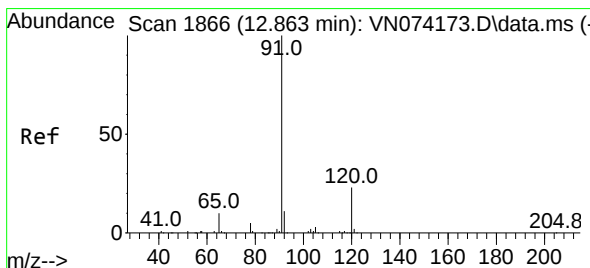
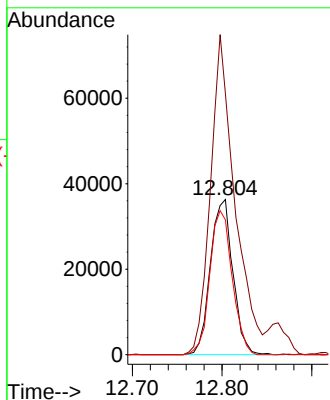
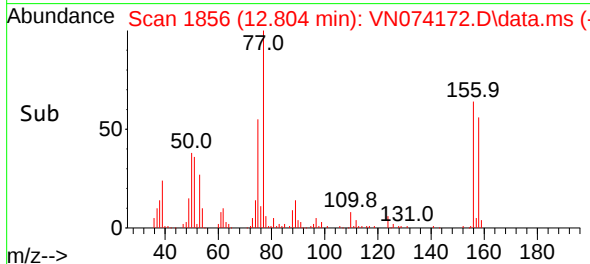
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



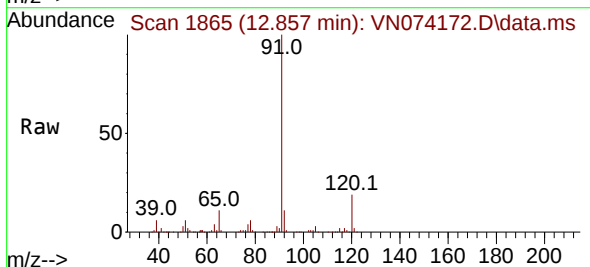
Tgt Ion: 156 Resp: 6327
Ion Ratio Lower Upper
156 100
77 222.6 100.5 301.5
158 92.3 48.9 146.6

Manual Integrations
APPROVED

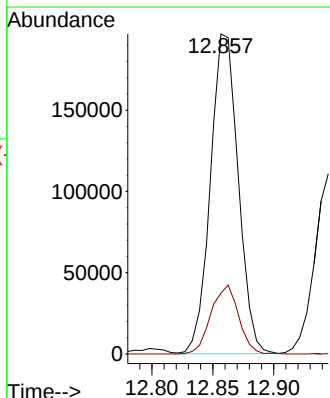
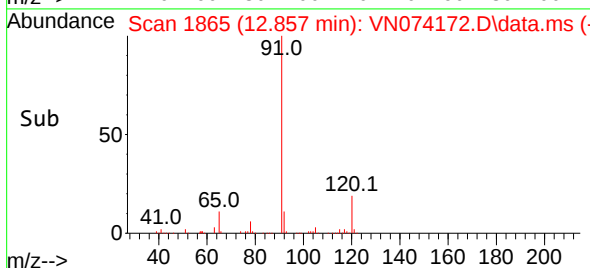
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

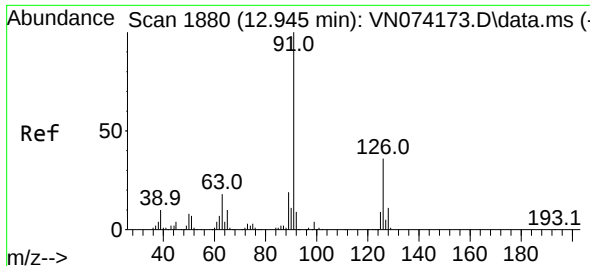


#78
n-propylbenzene
Concen: 20.970 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37



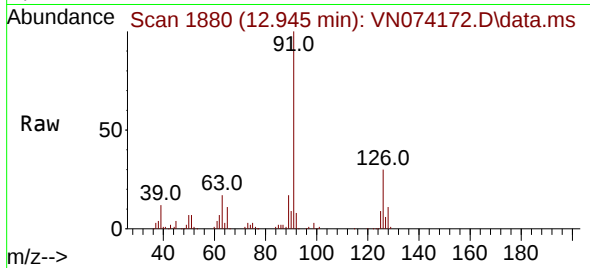
Tgt Ion: 91 Resp: 313072
Ion Ratio Lower Upper
91 100
120 21.3 11.9 35.5





#79
2-Chlorotoluene
Concen: 20.221 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

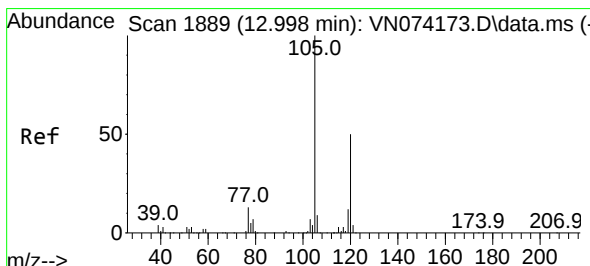
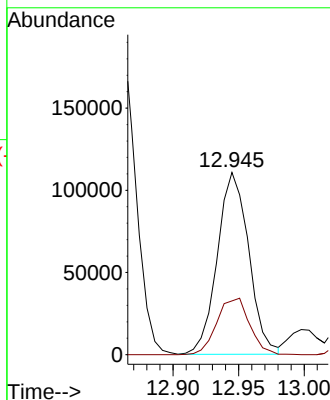
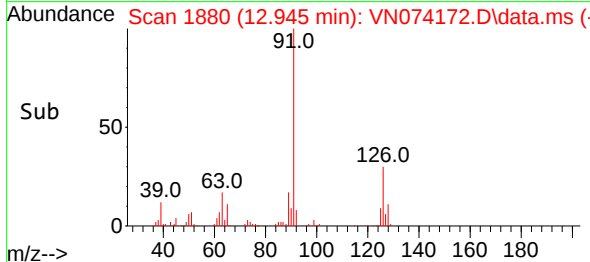
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



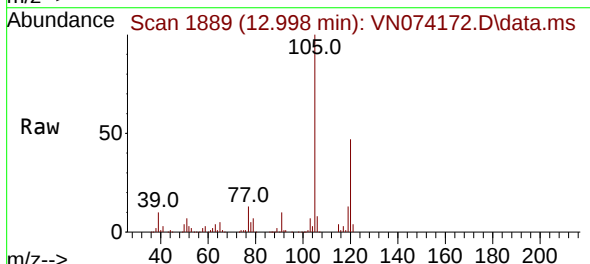
Tgt Ion: 91 Resp: 185040
Ion Ratio Lower Upper
91 100
126 32.4 17.3 51.9

Manual Integrations
APPROVED

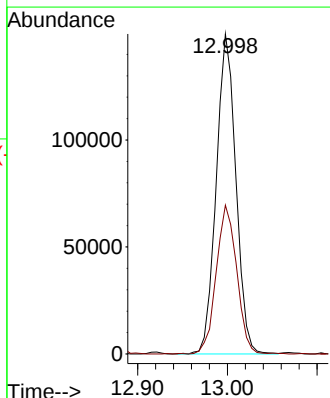
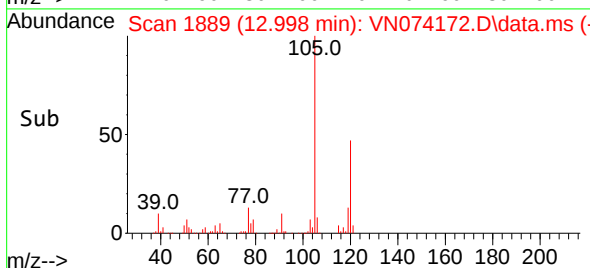
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

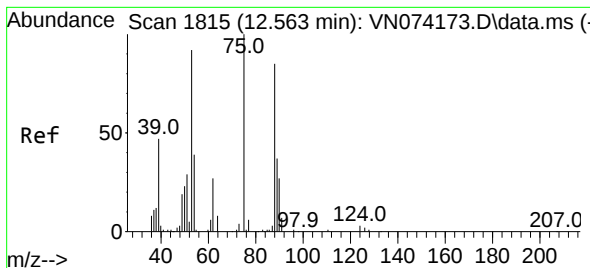


#80
1,3,5-Trimethylbenzene
Concen: 21.146 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37



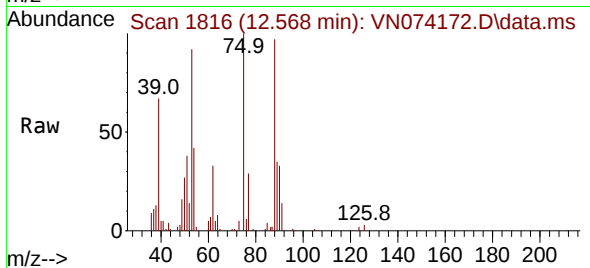
Tgt Ion:105 Resp: 227309
Ion Ratio Lower Upper
105 100
120 48.6 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.296 ug/l
RT: 12.568 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

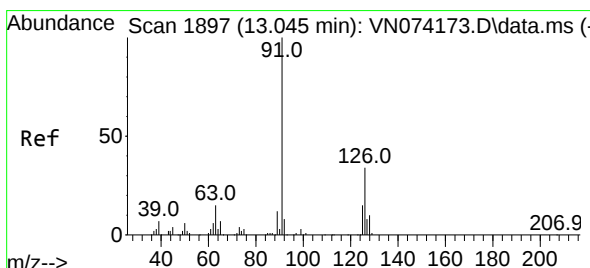
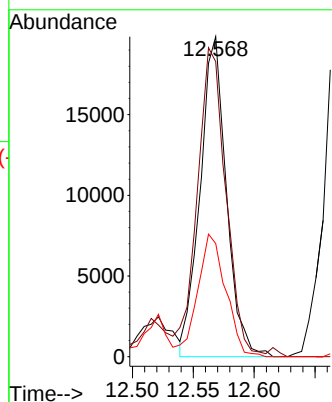
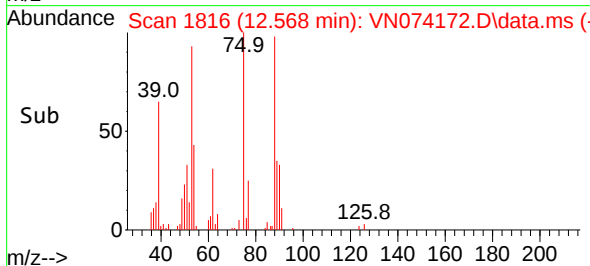
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 29785
Ion Ratio Lower Upper
75 100
53 103.0 78.0 117.0
89 41.3 37.2 55.8

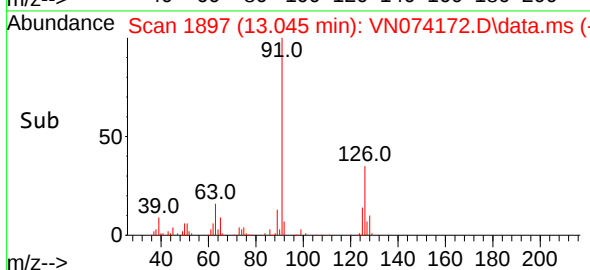
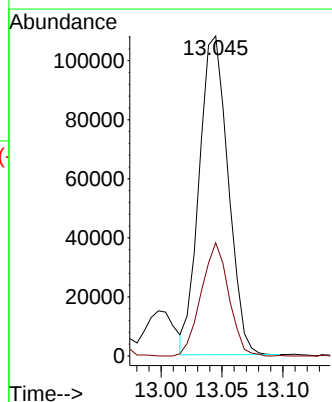
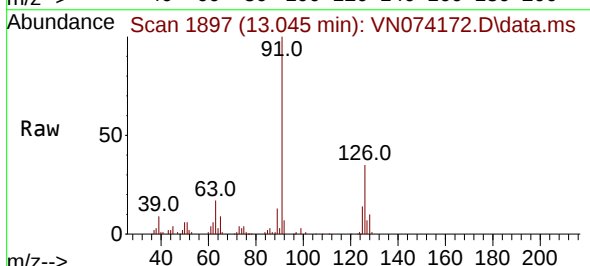
Manual Integrations
APPROVED

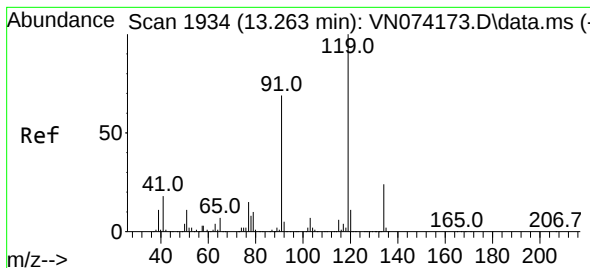
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#82
4-Chlorotoluene
Concen: 20.054 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

Tgt Ion: 91 Resp: 178368
Ion Ratio Lower Upper
91 100
126 33.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.824 ug/l

RT: 13.262 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN074172.D

Acq: 30 Aug 2022 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:119 Resp: 189330

Ion Ratio Lower Upper

119 100

91 68.7 31.6 94.8

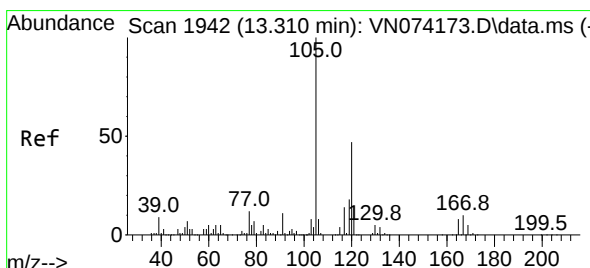
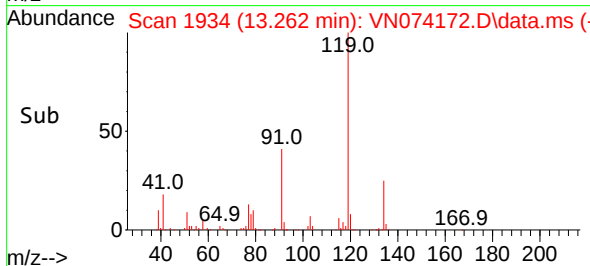
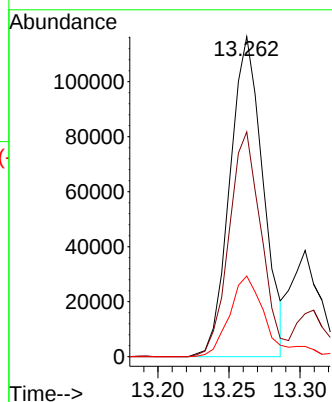
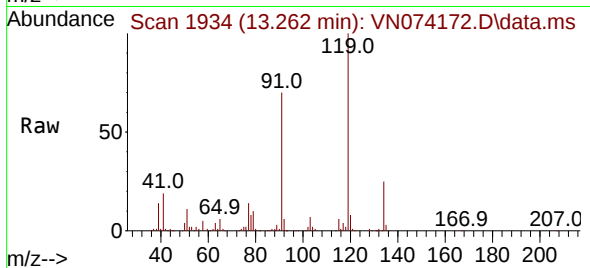
134 28.0 13.7 41.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#84

1,2,4-Trimethylbenzene

Concen: 21.371 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.006 min

Lab File: VN074172.D

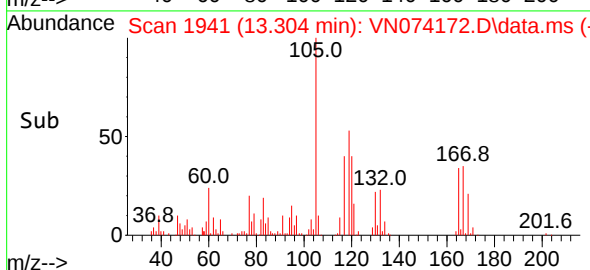
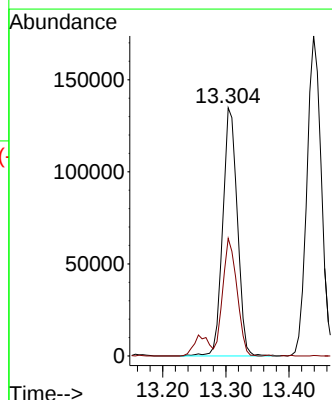
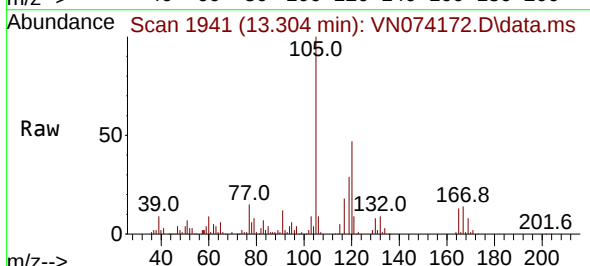
Acq: 30 Aug 2022 13:37

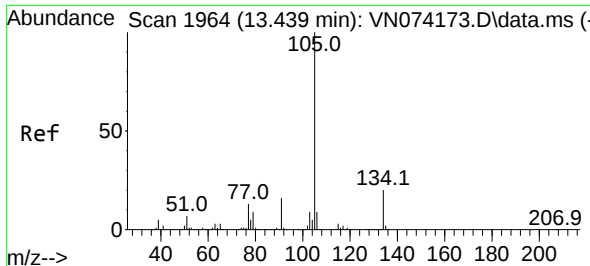
Tgt Ion:105 Resp: 216810

Ion Ratio Lower Upper

105 100

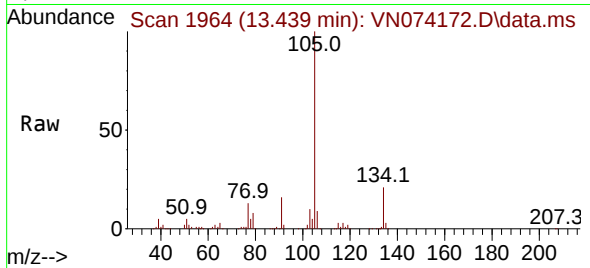
120 46.0 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 21.314 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN074172.D
 Acq: 30 Aug 2022 13:37

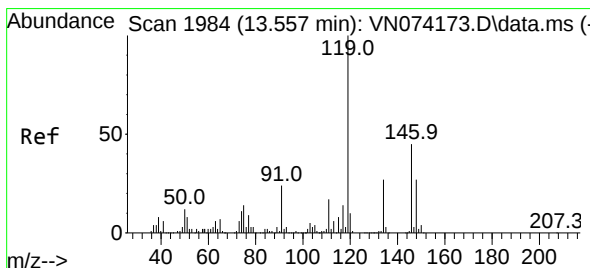
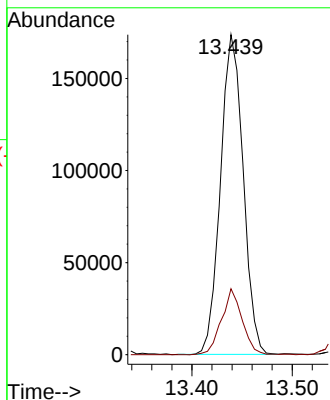
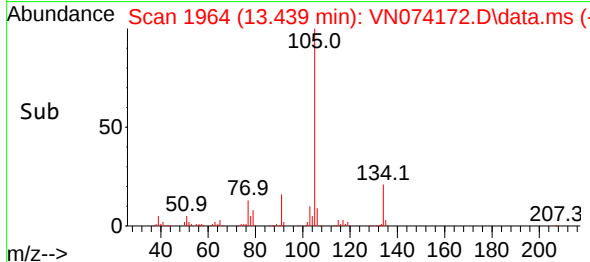
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



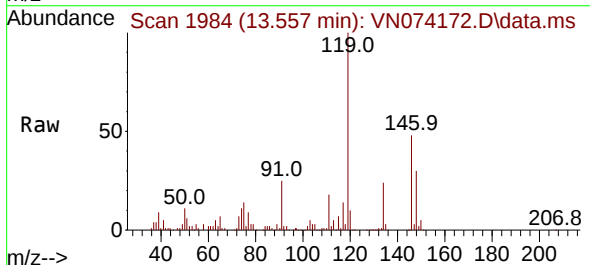
Tgt Ion:105 Resp: 27310
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.4 31.1

Manual Integrations
 APPROVED

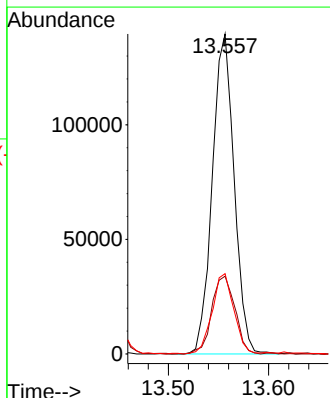
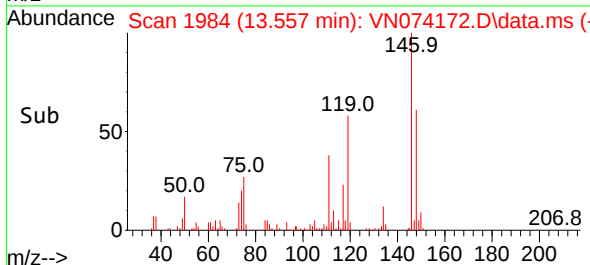
Reviewed By :John Carlone 08/31/2022
 Supervised By :Semsettin Yesilyurt 08/31/2022

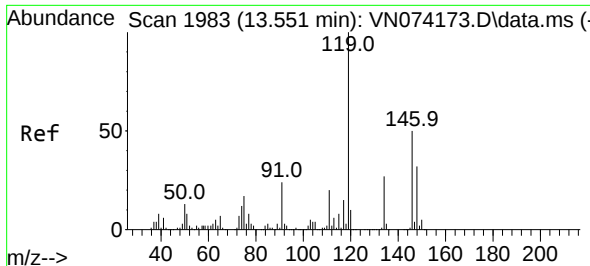


#86
 p-Isopropyltoluene
 Concen: 21.800 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074172.D
 Acq: 30 Aug 2022 13:37



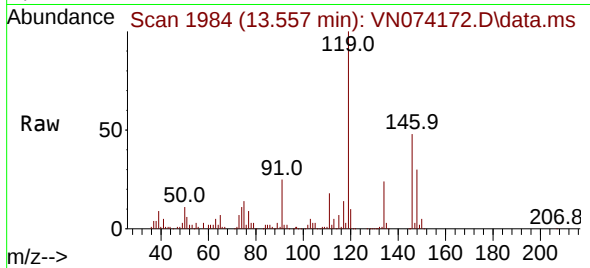
Tgt Ion:119 Resp: 211323
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.8
 91 25.2 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 19.910 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

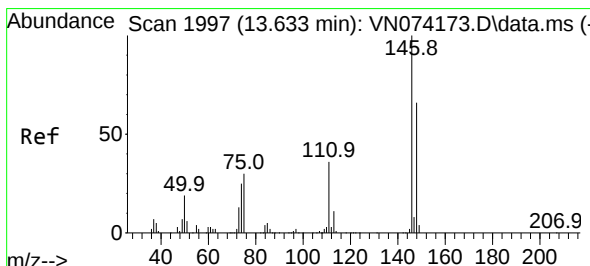
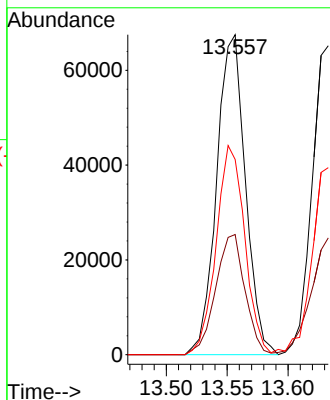
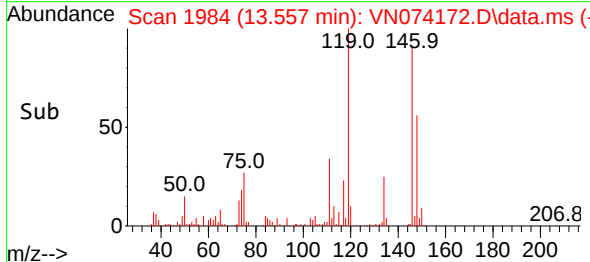
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



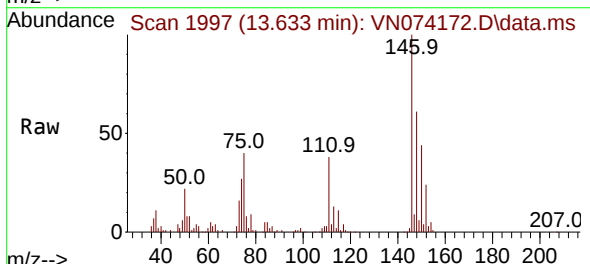
Tgt Ion:146 Resp: 111009
Ion Ratio Lower Upper
146 100
111 38.3 20.0 60.0
148 64.9 32.0 96.0

Manual Integrations
APPROVED

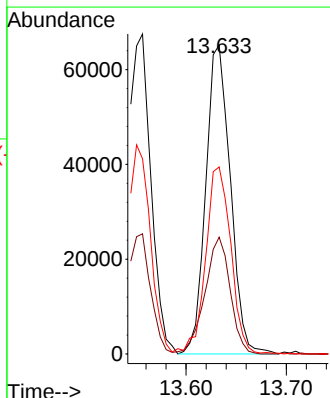
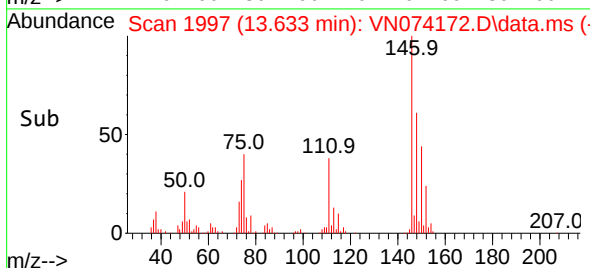
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

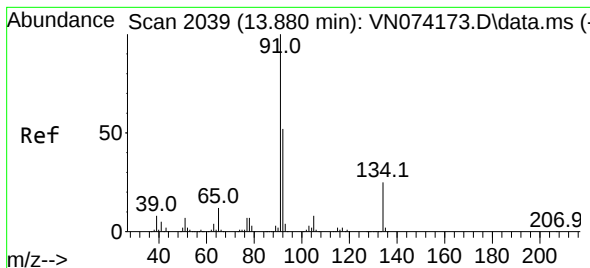


#88
1,4-Dichlorobenzene
Concen: 19.535 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37



Tgt Ion:146 Resp: 111223
Ion Ratio Lower Upper
146 100
111 38.8 19.1 57.1
148 62.1 31.4 94.3





#89

n-Butylbenzene

Concen: 20.252 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. -0.000 min

Lab File: VN074172.D

Acq: 30 Aug 2022 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 17833

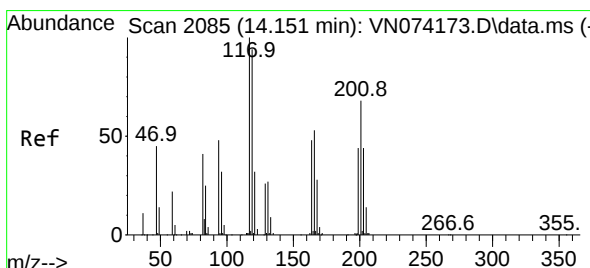
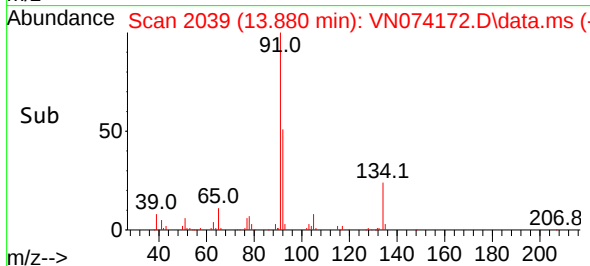
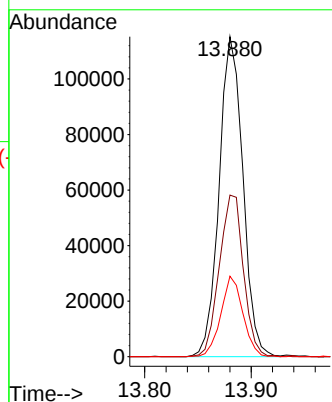
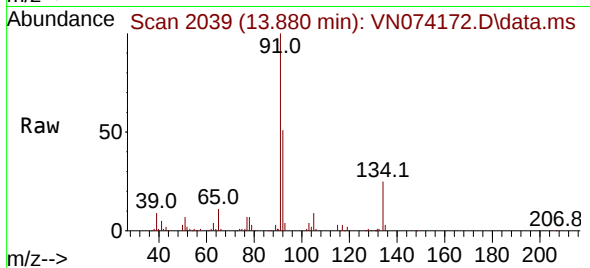
Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.9	80.7
134	23.3	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#90

Hexachloroethane

Concen: 20.581 ug/l

RT: 14.151 min Scan# 2085

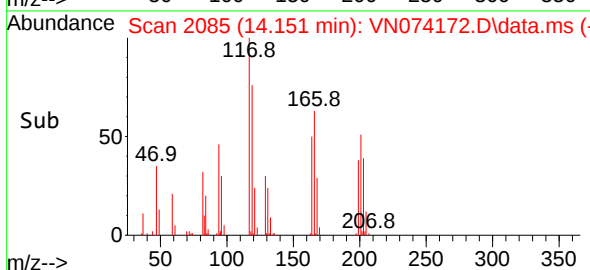
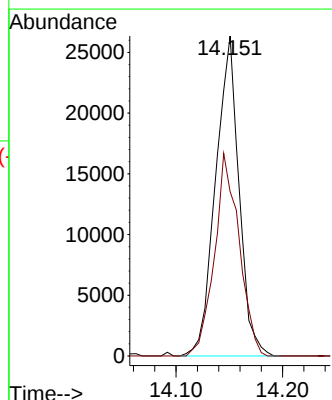
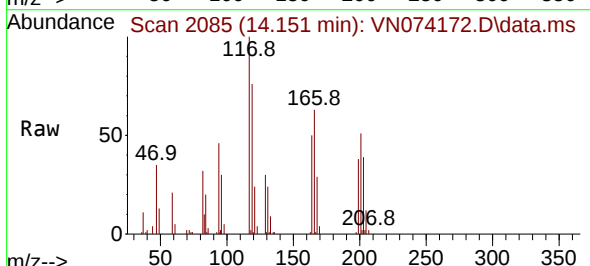
Delta R.T. -0.000 min

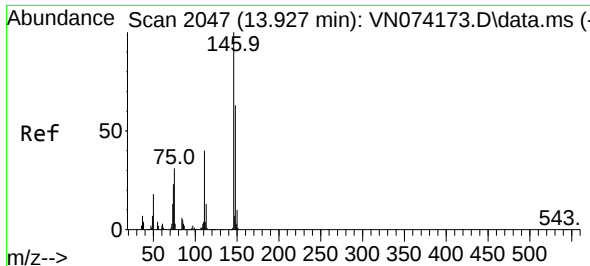
Lab File: VN074172.D

Acq: 30 Aug 2022 13:37

Tgt Ion:117 Resp: 40144

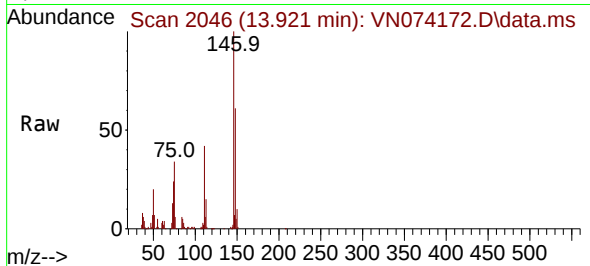
Ion	Ratio	Lower	Upper
117	100		
201	66.7	40.6	122.0





#91
1,2-Dichlorobenzene
Concen: 20.365 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. -0.006 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

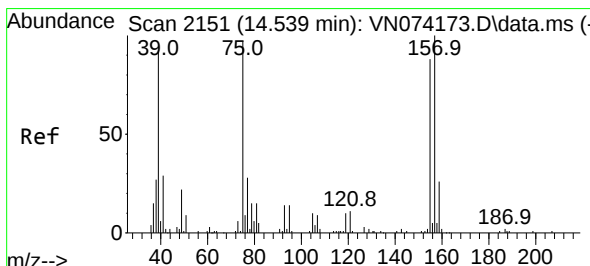
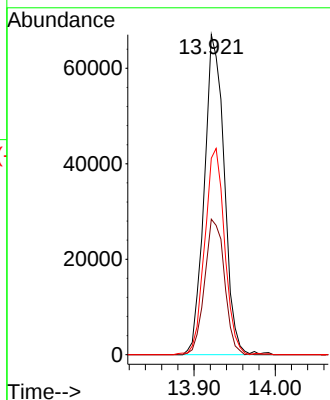
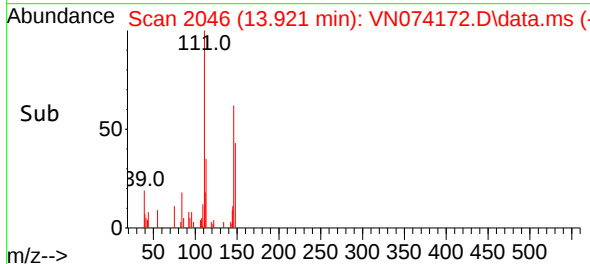
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:146 Resp: 114170
Ion Ratio Lower Upper
146 100
111 42.2 20.9 62.8
148 64.3 32.1 96.3

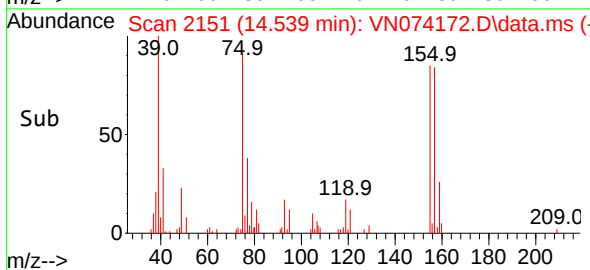
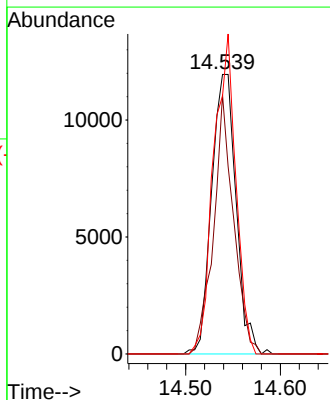
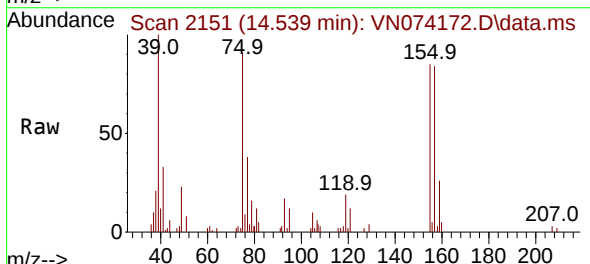
Manual Integrations
APPROVED

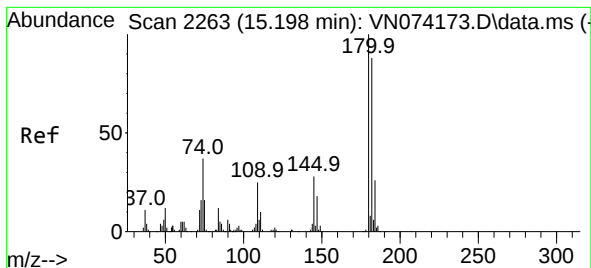
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.598 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

Tgt Ion: 75 Resp: 21487
Ion Ratio Lower Upper
75 100
155 76.0 44.9 134.5
157 103.6 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 20.383 ug/l

RT: 15.192 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN074172.D

Acq: 30 Aug 2022 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

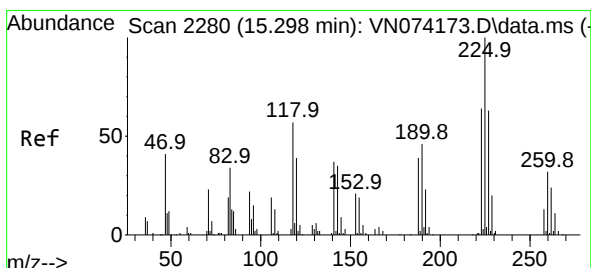
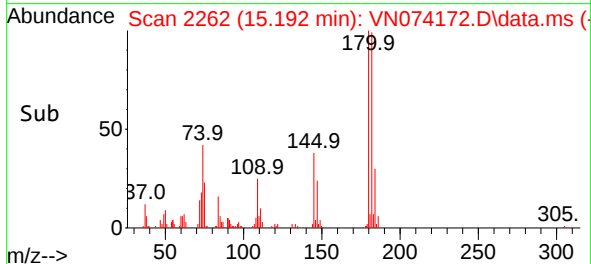
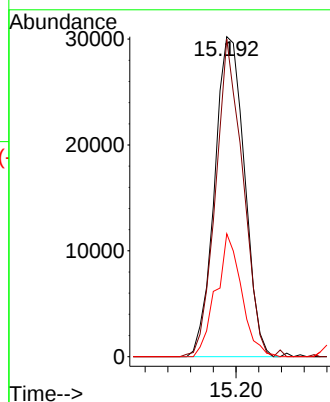
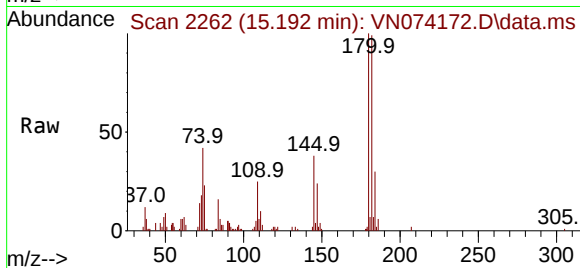
Tgt Ion:180	Resp:	5521
Ion Ratio	Lower	Upper
180	100	
182	90.0	47.5 142.5
145	32.8	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#94

Hexachlorobutadiene

Concen: 19.310 ug/l

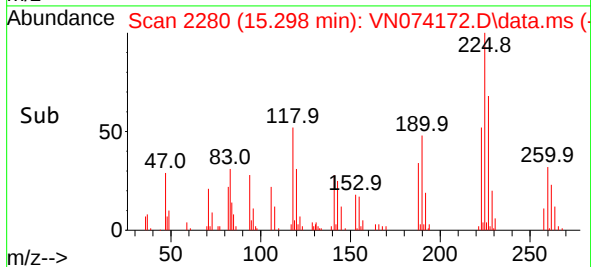
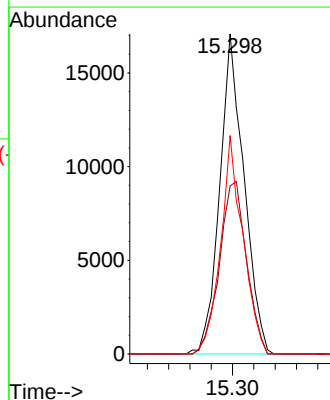
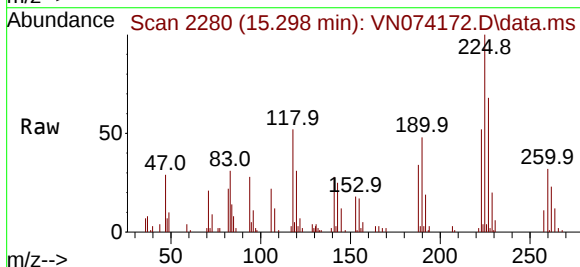
RT: 15.298 min Scan# 2280

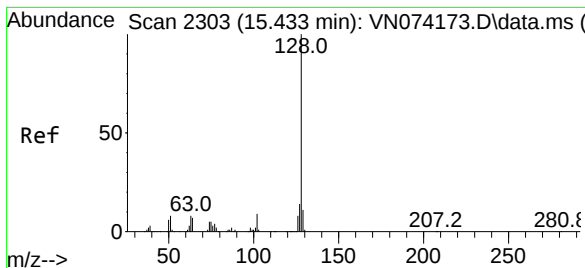
Delta R.T. -0.000 min

Lab File: VN074172.D

Acq: 30 Aug 2022 13:37

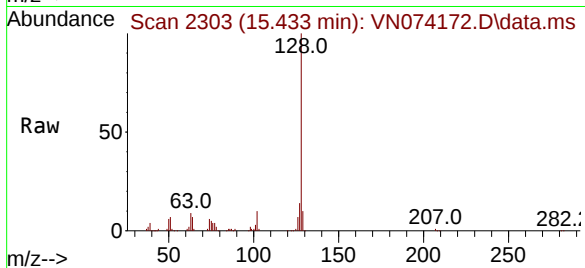
Tgt Ion:225	Resp:	27054
Ion Ratio	Lower	Upper
225	100	
223	60.1	32.4 97.2
227	62.6	31.8 95.4





#95
Naphthalene
Concen: 21.795 ug/l
RT: 15.433 min Scan# 21653
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37

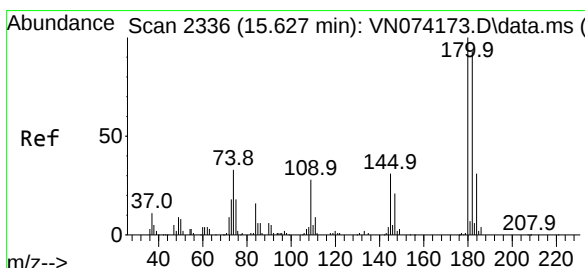
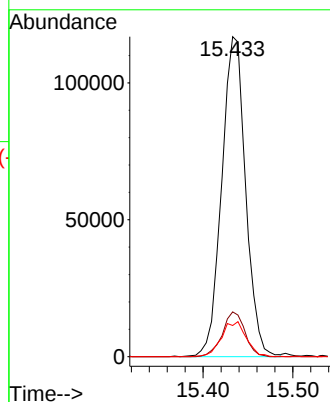
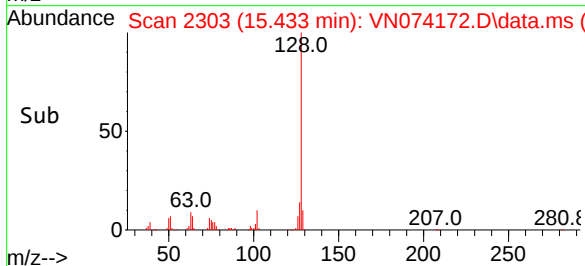
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



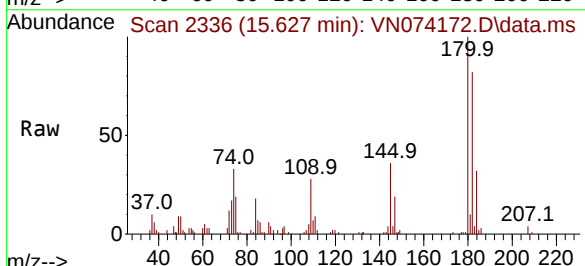
Tgt Ion:128 Resp: 21653
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.749 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VN074172.D
Acq: 30 Aug 2022 13:37



Tgt Ion:180 Resp: 60544
Ion Ratio Lower Upper
180 100
182 89.9 47.8 143.3
145 31.2 15.5 46.5

