

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020823\
 Data File : VN076577.D
 Acq On : 08 Feb 2023 14:09
 Operator : JC\MD
 Sample : VN0208WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0208WBSD01

Quant Time: Feb 09 00:47:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 09:04:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/09/2023
 Supervised By : Semsettin Yesilyurt 02/09/2023

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

Internal Standards						
1) Pentafluorobenzene	8.228	168	619879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.104	114	1033061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.869	117	909163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.792	152	415880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.587	65	374049	51.124	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.240%			
35) Dibromofluoromethane	8.175	113	330029	51.392	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.780%			
50) Toluene-d8	10.569	98	1264258	52.330	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.660%			
62) 4-Bromofluorobenzene	12.851	95	446451	52.455	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.140	85	137481	21.349	ug/l	96
3) Chloromethane	2.375	50	94331	15.939	ug/l	99
4) Vinyl Chloride	2.528	62	82408	15.164	ug/l	99
5) Bromomethane	2.963	94	61112	15.157	ug/l	94
6) Chloroethane	3.128	64	46918	14.274	ug/l	97
7) Trichlorofluoromethane	3.510	101	166801	15.573	ug/l	99
8) Diethyl Ether	3.975	74	73016	18.002	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.387	101	126171	19.014	ug/l	96
10) Methyl Iodide	4.604	142	191046	19.684	ug/l	98
11) Tert butyl alcohol	5.534	59	100112	105.052	ug/l	98
12) 1,1-Dichloroethene	4.352	96	122934	19.831	ug/l	94
13) Acrolein	4.193	56	120359	94.541	ug/l	100
14) Allyl chloride	5.040	41	172908	21.417	ug/l	90
15) Acrylonitrile	5.734	53	279583	97.766	ug/l	99
16) Acetone	4.446	43	259181	107.448	ug/l	97
17) Carbon Disulfide	4.728	76	309109	19.248	ug/l	99
18) Methyl Acetate	5.046	43	156849	20.551	ug/l	100
19) Methyl tert-butyl Ether	5.810	73	405648	19.676	ug/l	98
20) Methylene Chloride	5.287	84	142565	19.172	ug/l	98
21) trans-1,2-Dichloroethene	5.799	96	128814	19.118	ug/l	97
22) Diisopropyl ether	6.681	45	366074	20.007	ug/l	99
23) Vinyl Acetate	6.616	43	1170604	102.246	ug/l	98
24) 1,1-Dichloroethane	6.581	63	230943	19.655	ug/l	100
25) 2-Butanone	7.493	43	357000	102.963	ug/l	100
26) 2,2-Dichloropropane	7.498	77	193782	19.757	ug/l	99
27) cis-1,2-Dichloroethene	7.498	96	151347	19.208	ug/l	98
28) Bromochloromethane	7.822	49	91615	19.460	ug/l	98
29) Tetrahydrofuran	7.845	42	225258	101.086	ug/l	99
30) Chloroform	7.975	83	248611	19.505	ug/l	100
31) Cyclohexane	8.263	56	215009	18.593	ug/l	99
32) 1,1,1-Trichloroethane	8.175	97	225486	19.743	ug/l	96
36) 1,1-Dichloropropene	8.375	75	180856	19.725	ug/l	98
37) Ethyl Acetate	7.575	43	137069	19.954	ug/l	97
38) Carbon Tetrachloride	8.369	117	198213	20.106	ug/l	98
39) Methylcyclohexane	9.604	83	229565	20.161	ug/l	96
40) Benzene	8.616	78	554109	19.936	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.787	41	79960	20.558	ug/l	98
42) 1,2-Dichloroethane	8.675	62	179809	19.870	ug/l	100
43) Isopropyl Acetate	8.692	43	249303	21.810	ug/l	98
44) Trichloroethene	9.357	130	145923	19.661	ug/l	97
45) 1,2-Dichloropropane	9.628	63	135127	20.242	ug/l	99
46) Dibromomethane	9.716	93	92480	19.205	ug/l	98
47) Bromodichloromethane	9.892	83	193293	19.961	ug/l	97
48) Methyl methacrylate	9.681	41	110447	19.647	ug/l	98
49) 1,4-Dioxane	9.698	88	53038	441.047	ug/l #	88
51) 4-Methyl-2-Pentanone	10.445	43	697209	101.488	ug/l	100
52) Toluene	10.634	92	356640	19.883	ug/l	98
53) t-1,3-Dichloropropene	10.839	75	194344	20.771	ug/l	98
54) cis-1,3-Dichloropropene	10.316	75	218397	20.469	ug/l	99
55) 1,1,2-Trichloroethane	11.022	97	138083	19.655	ug/l	98
56) Ethyl methacrylate	10.881	69	198296	21.090	ug/l	98
57) 1,3-Dichloropropane	11.169	76	230208	20.244	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.163	63	258021	96.028	ug/l	99
59) 2-Hexanone	11.198	43	522112	106.605	ug/l	99
60) Dibromochloromethane	11.363	129	148363	20.039	ug/l	99
61) 1,2-Dibromoethane	11.475	107	136497	19.628	ug/l	98
64) Tetrachloroethene	11.104	164	156248	20.639	ug/l	96
65) Chlorobenzene	11.892	112	376959	20.049	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.963	131	142610	20.483	ug/l	97
67) Ethyl Benzene	11.963	91	678661	20.311	ug/l	99
68) m/p-Xylenes	12.075	106	540807	41.542	ug/l	99
69) o-Xylene	12.398	106	264766	20.769	ug/l	99
70) Styrene	12.416	104	429970	21.206	ug/l	99
71) Bromoform	12.580	173	101009	20.784	ug/l #	100
73) Isopropylbenzene	12.698	105	686150	20.145	ug/l	99
74) N-amyl acetate	12.498	43	197524	20.796	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.939	83	187418	20.076	ug/l	97
76) 1,2,3-Trichloropropane	12.998	75	156893m	20.220	ug/l	
77) Bromobenzene	12.980	156	158020	19.946	ug/l	98
78) n-propylbenzene	13.039	91	782812	20.873	ug/l	100
79) 2-Chlorotoluene	13.127	91	479764	20.082	ug/l	100
80) 1,3,5-Trimethylbenzene	13.175	105	596103	21.088	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.739	75	53694	21.249	ug/l	95
82) 4-Chlorotoluene	13.127	91	479764	20.082	ug/l	100
83) tert-Butylbenzene	13.439	119	524934	20.733	ug/l	97
84) 1,2,4-Trimethylbenzene	13.486	105	589848	20.968	ug/l	99
85) sec-Butylbenzene	13.622	105	718619	21.047	ug/l	99
86) p-Isopropyltoluene	13.733	119	596358	21.314	ug/l	99
87) 1,3-Dichlorobenzene	13.733	146	292912	20.088	ug/l	100
88) 1,4-Dichlorobenzene	13.816	146	285613	19.283	ug/l	98
89) n-Butylbenzene	14.057	91	456361	20.598	ug/l	100
90) Hexachloroethane	14.339	117	98352	20.180	ug/l	99
91) 1,2-Dichlorobenzene	14.110	146	284958	19.822	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.721	75	32000	19.805	ug/l	97
93) 1,2,4-Trichlorobenzene	15.398	180	125819	19.100	ug/l	99
94) Hexachlorobutadiene	15.504	225	73732	19.906	ug/l	98
95) Naphthalene	15.645	128	354889	18.518	ug/l	100
96) 1,2,3-Trichlorobenzene	15.839	180	121828	19.312	ug/l	100

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

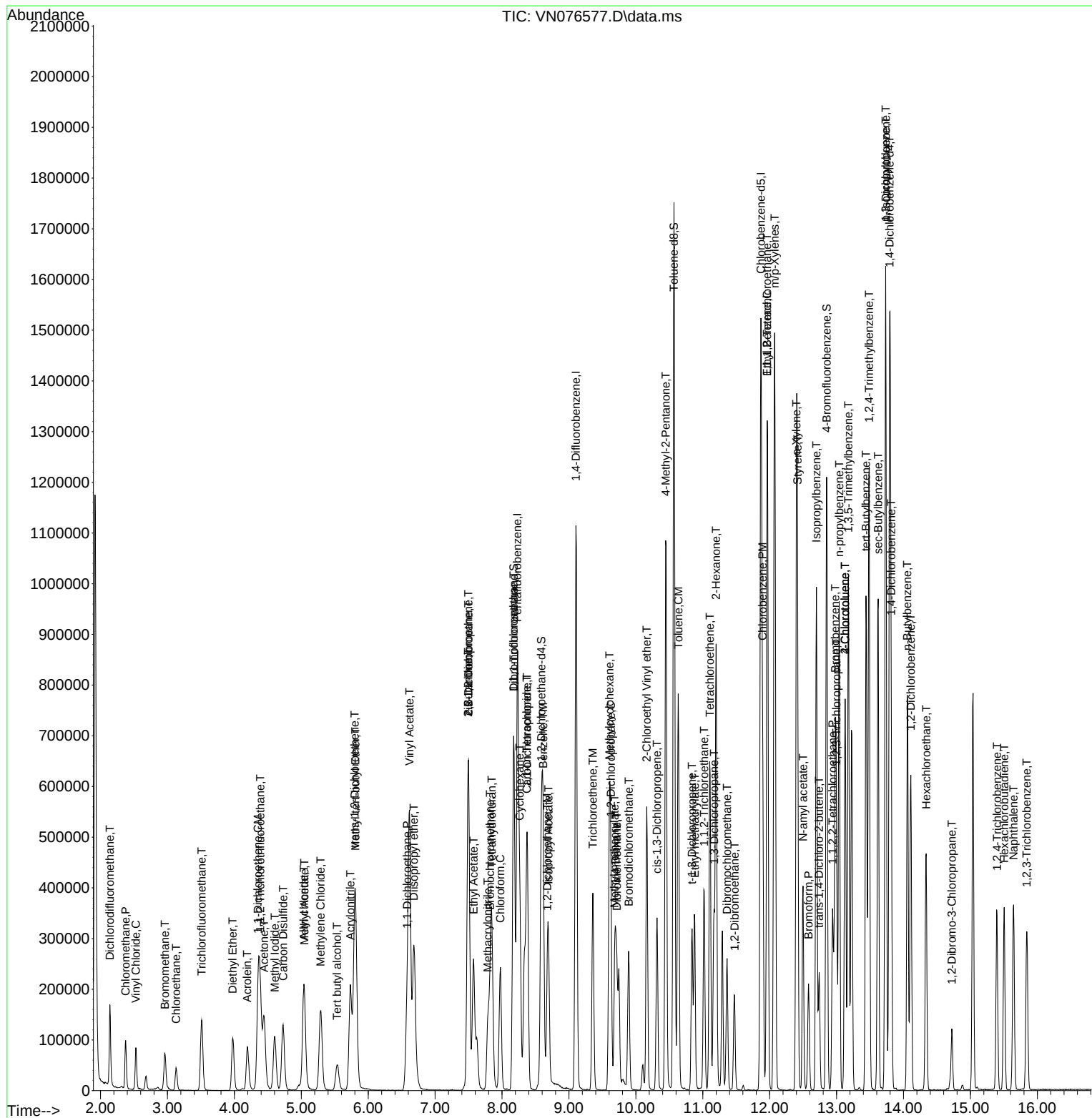
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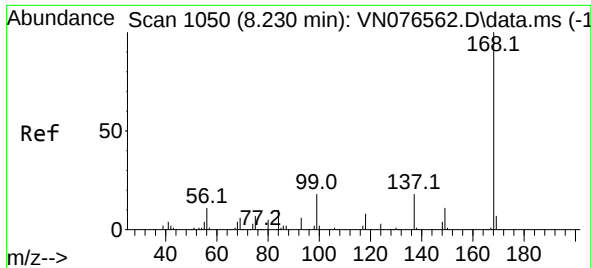
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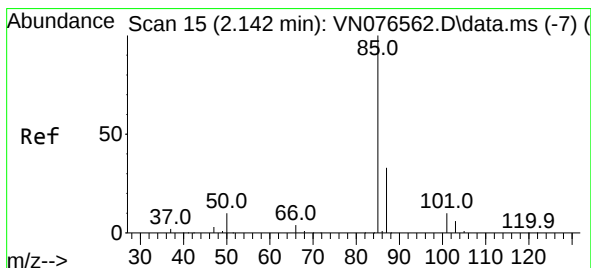
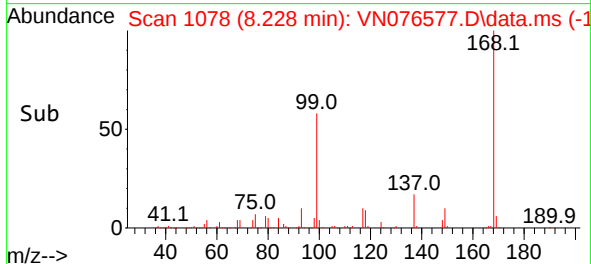
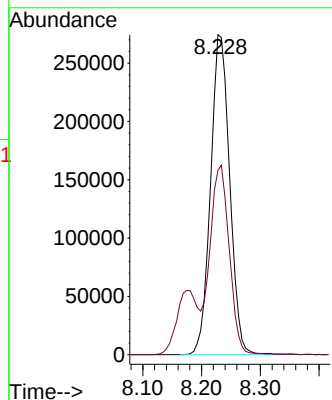
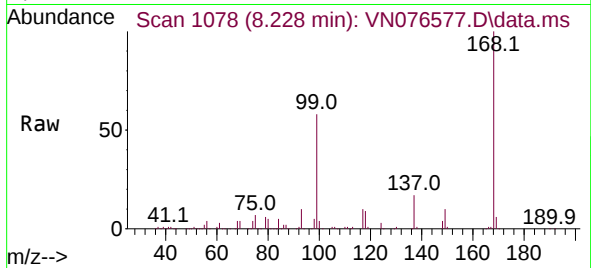
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.228 min Scan# 10
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

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ClientSampleId :
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Tgt Ion:168 Resp: 619879
Ion Ratio Lower Upper
168 100
99 57.5 47.8 71.8

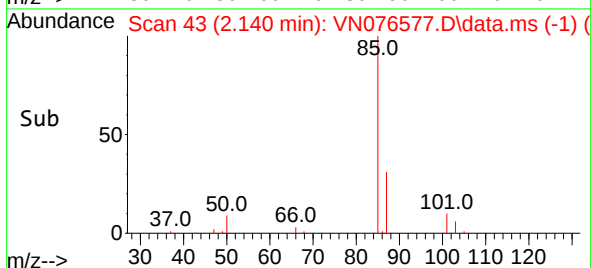
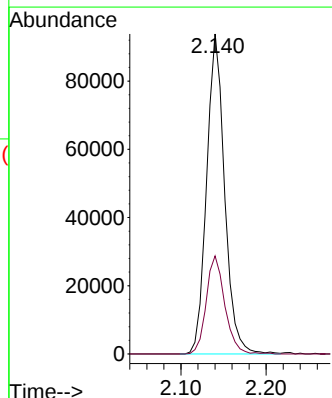
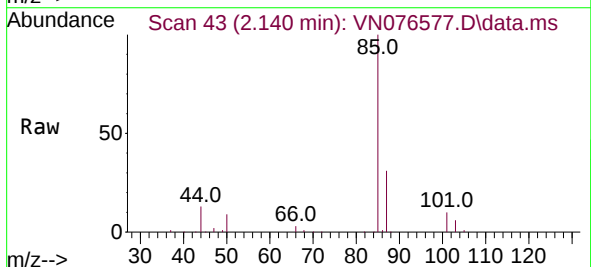
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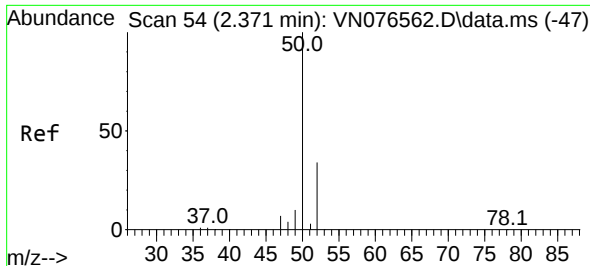
Reviewed By :John Carlone 02/09/2023
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#2
Dichlorodifluoromethane
Concen: 21.349 ug/l
RT: 2.140 min Scan# 43
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

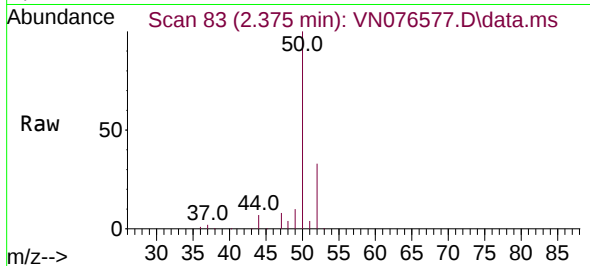
Tgt Ion: 85 Resp: 137481
Ion Ratio Lower Upper
85 100
87 30.7 16.6 49.8





#3
Chloromethane
Concen: 15.939 ug/l
RT: 2.375 min Scan# 81
Delta R.T. 0.004 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

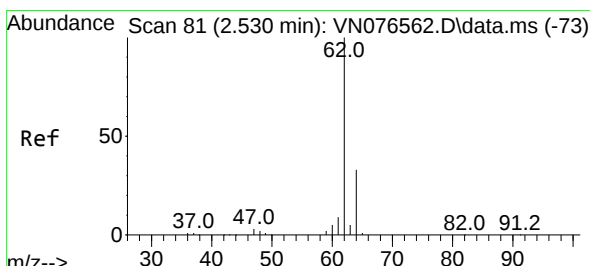
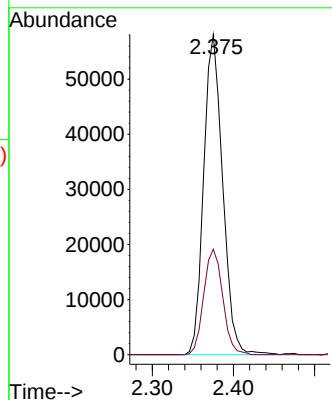
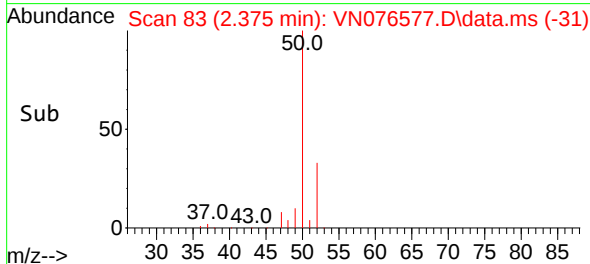
Instrument :
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VN0208WBSD01



Tgt Ion: 50 Resp: 9433
Ion Ratio Lower Upper
50 100
52 32.9 27.0 40.4

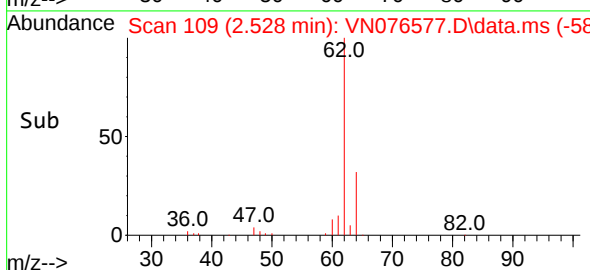
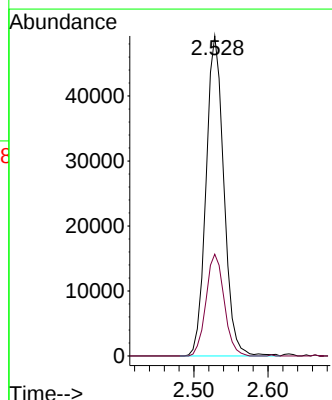
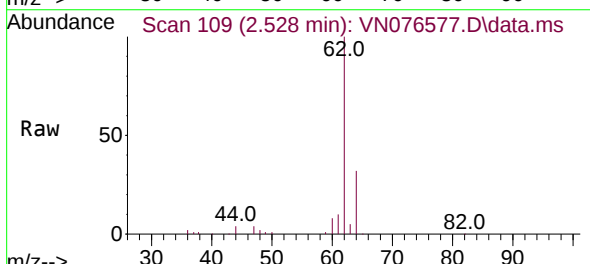
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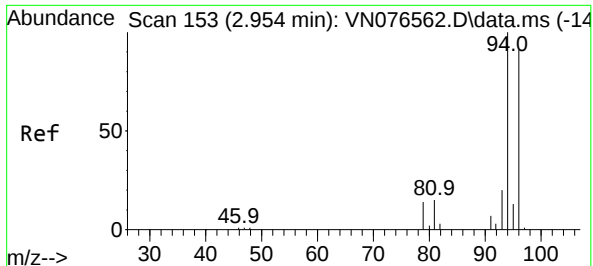
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#4
Vinyl Chloride
Concen: 15.164 ug/l
RT: 2.528 min Scan# 109
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Tgt Ion: 62 Resp: 82408
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0





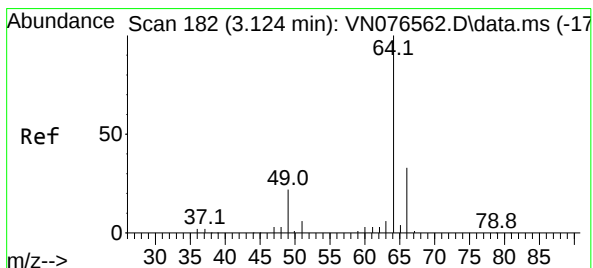
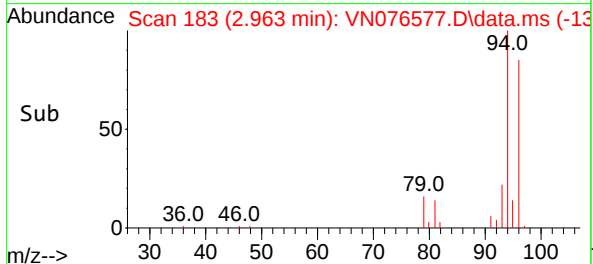
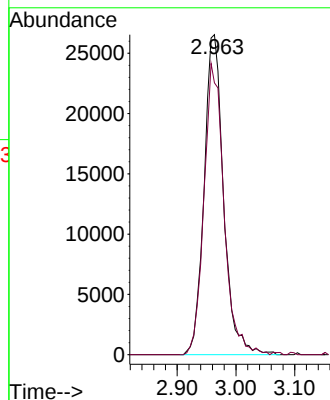
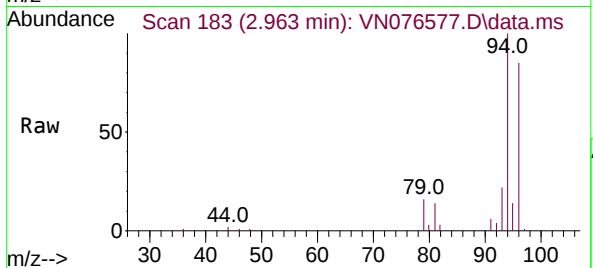
#5
Bromomethane
Concen: 15.157 ug/l
RT: 2.963 min Scan# 111
Delta R.T. 0.009 min
Lab File: VN076577.D
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Instrument :
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Tgt Ion: 94 Resp: 6111
Ion Ratio Lower Upper
94 100
96 85.0 72.7 109.1

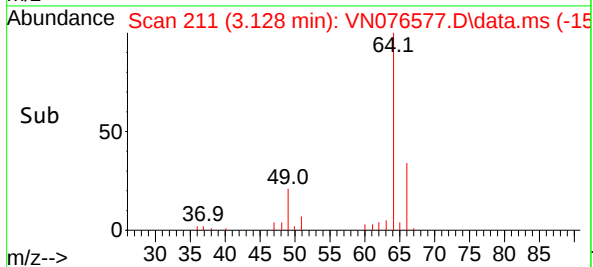
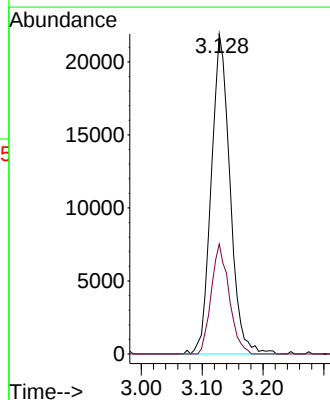
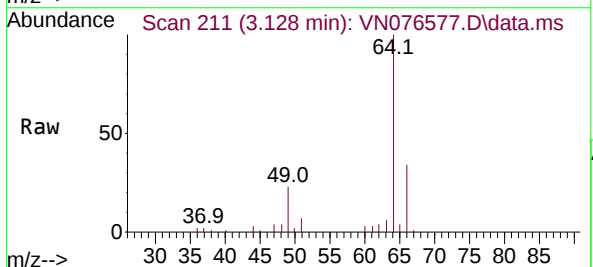
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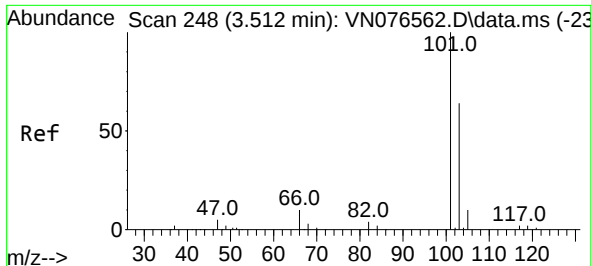
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#6
Chloroethane
Concen: 14.274 ug/l
RT: 3.128 min Scan# 211
Delta R.T. 0.004 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Tgt Ion: 64 Resp: 46918
Ion Ratio Lower Upper
64 100
66 34.4 26.3 39.5





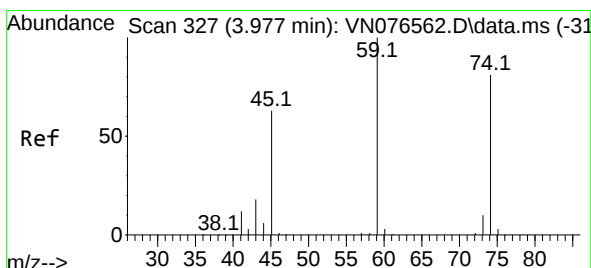
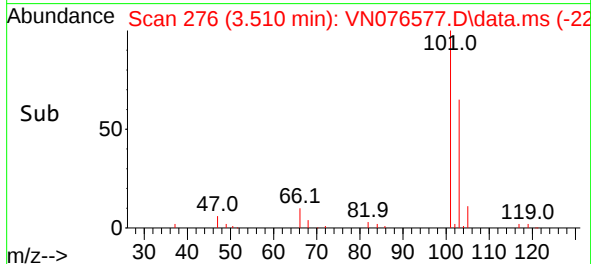
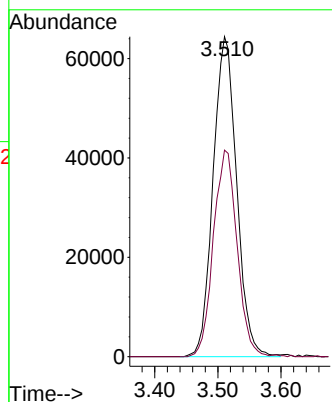
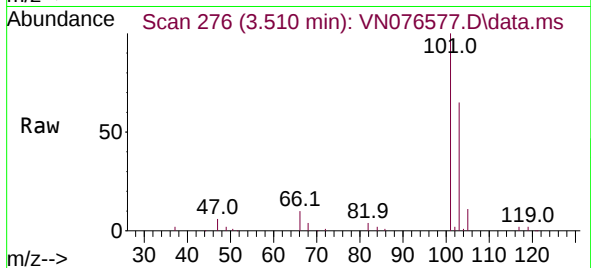
#7
 Trichlorofluoromethane
 Concen: 15.573 ug/l
 RT: 3.510 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: VN076577.D
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Instrument :
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Tgt Ion:101 Resp: 16680
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.3 76.9

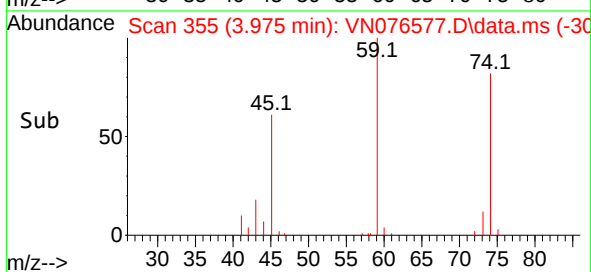
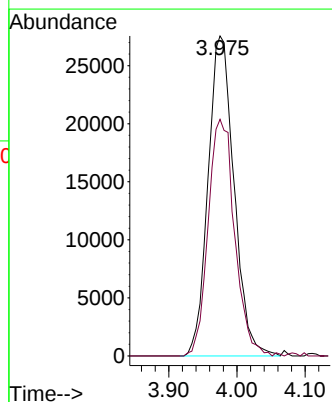
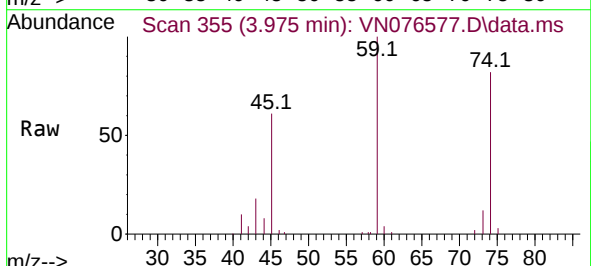
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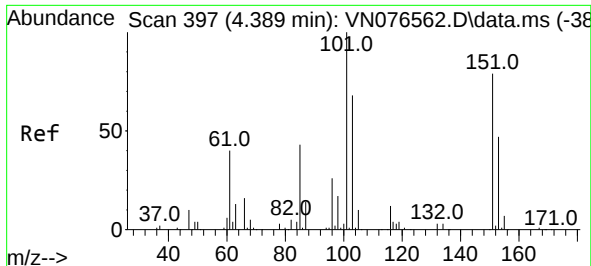
Reviewed By :John Carlone 02/09/2023
 Supervised By :Semsettin Yesilyurt 02/09/2023



#8
 Diethyl Ether
 Concen: 18.002 ug/l
 RT: 3.975 min Scan# 355
 Delta R.T. -0.002 min
 Lab File: VN076577.D
 Acq: 08 Feb 2023 14:09

Tgt Ion: 74 Resp: 73016
 Ion Ratio Lower Upper
 74 100
 45 75.2 39.8 119.4





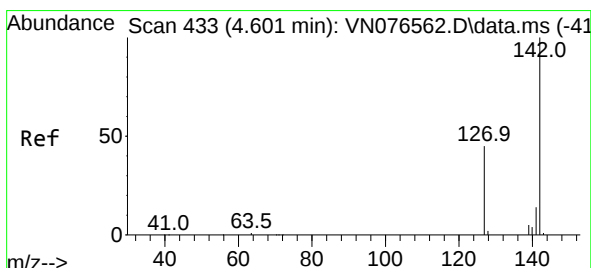
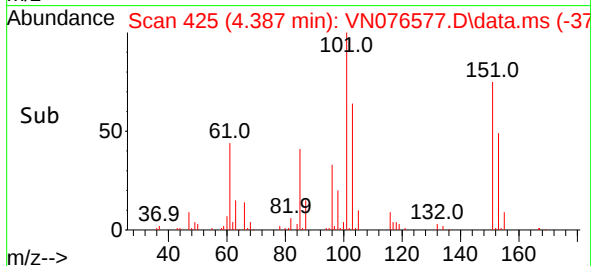
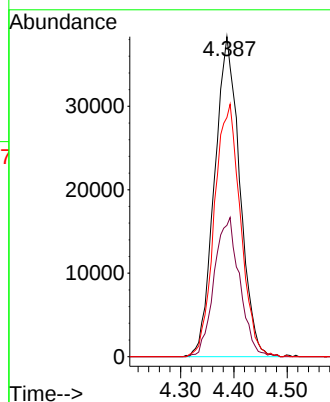
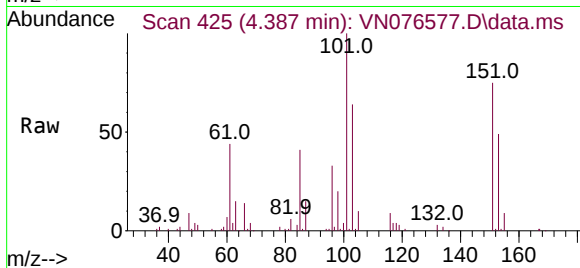
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.014 ug/l
RT: 4.387 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01

Tgt Ion:101 Resp: 12617
Ion Ratio Lower Upper
101 100
85 44.0 33.9 50.9
151 81.7 62.5 93.7

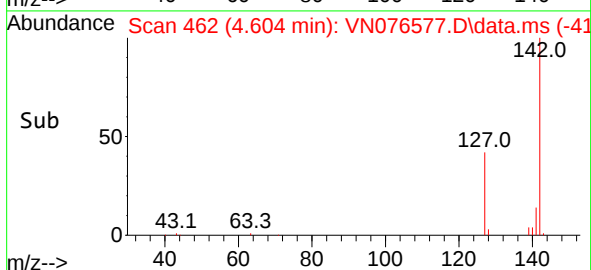
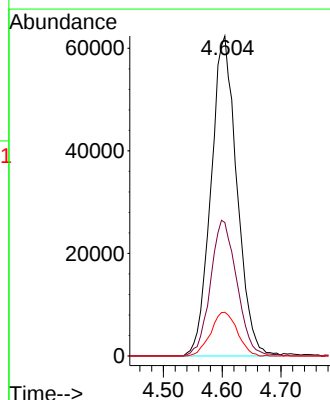
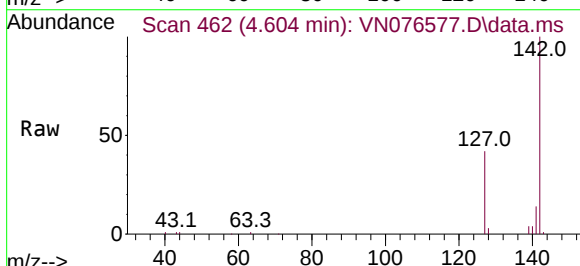
Manual Integrations
APPROVED

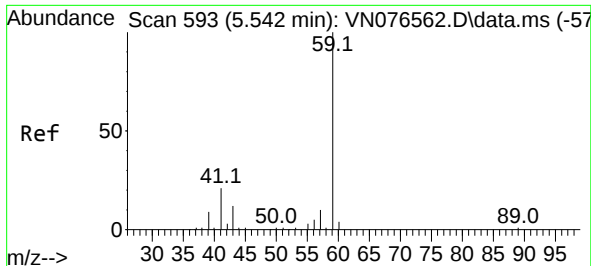
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#10
Methyl Iodide
Concen: 19.684 ug/l
RT: 4.604 min Scan# 462
Delta R.T. 0.003 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Tgt Ion:142 Resp: 191046
Ion Ratio Lower Upper
142 100
127 41.7 34.8 52.2
141 13.6 11.2 16.8





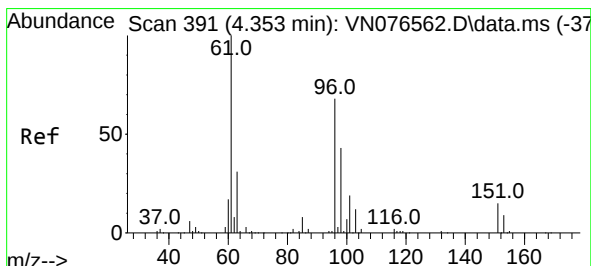
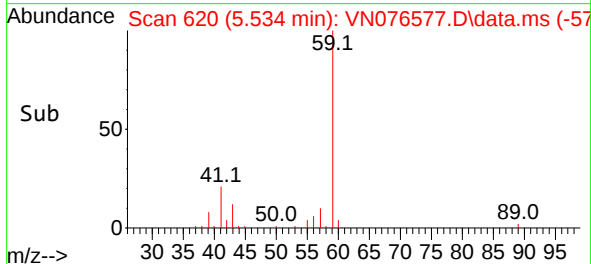
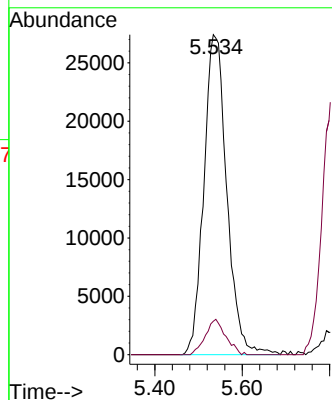
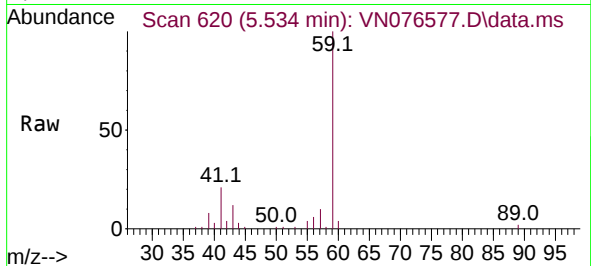
#11
Tert butyl alcohol
Concen: 105.052 ug/l
RT: 5.534 min Scan# 611
Delta R.T. -0.008 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01

Tgt Ion: 59 Resp: 10011
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

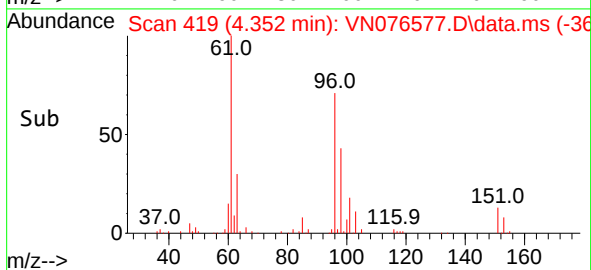
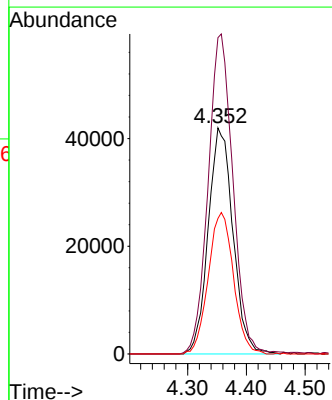
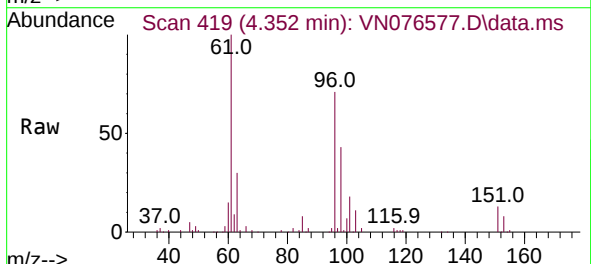
Manual Integrations
APPROVED

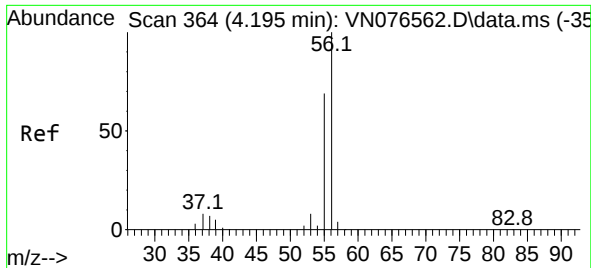
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#12
1,1-Dichloroethene
Concen: 19.831 ug/l
RT: 4.352 min Scan# 419
Delta R.T. -0.001 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

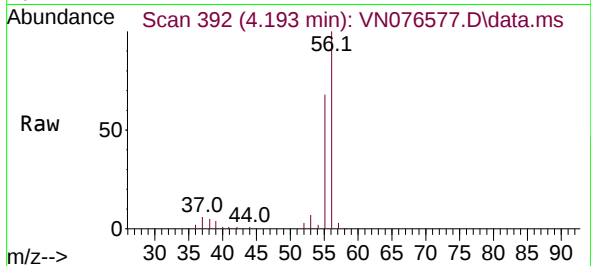
Tgt Ion: 96 Resp: 122934
Ion Ratio Lower Upper
96 100
61 139.9 118.3 177.5
98 59.9 50.7 76.1





#13
Acrolein
Concen: 94.541 ug/l
RT: 4.193 min Scan# 364
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

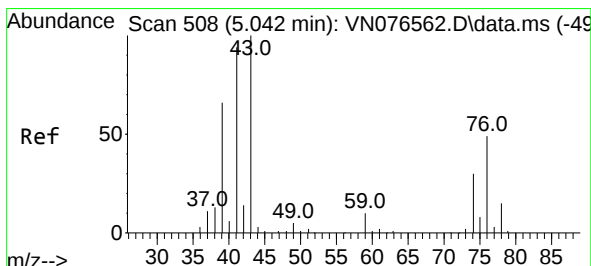
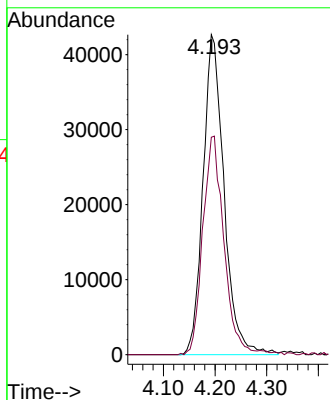
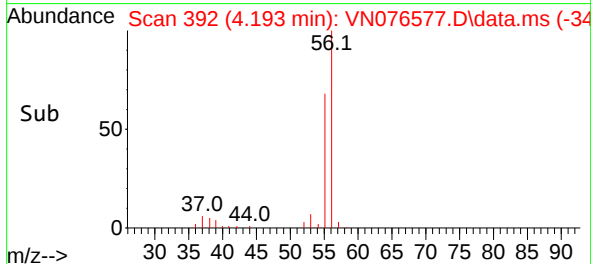
Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01



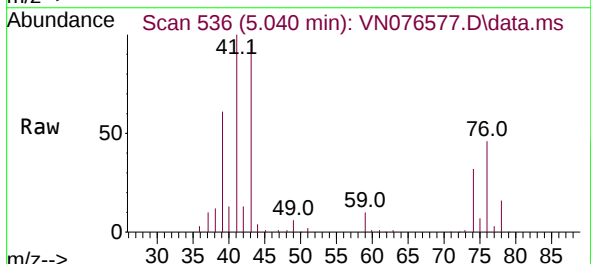
Tgt Ion: 56 Resp: 120359
Ion Ratio Lower Upper
56 100
55 68.1 54.7 82.1

Manual Integrations
APPROVED

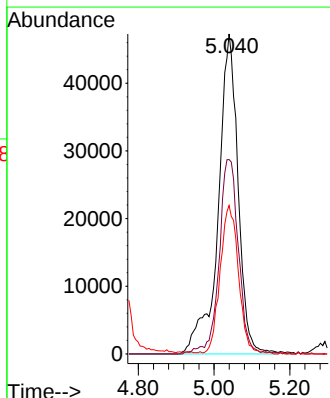
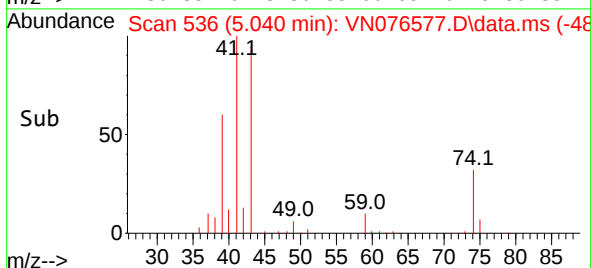
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

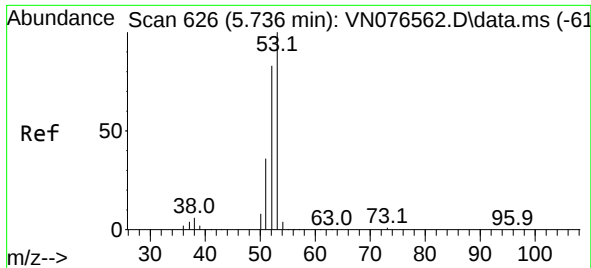


#14
Allyl chloride
Concen: 21.417 ug/l
RT: 5.040 min Scan# 536
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09



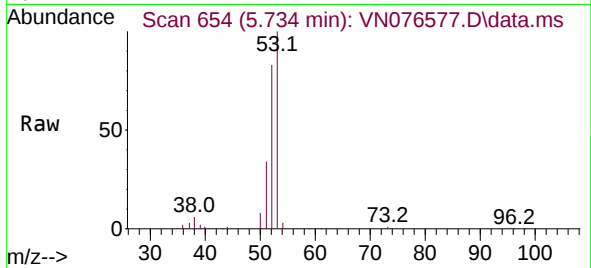
Tgt Ion: 41 Resp: 172908
Ion Ratio Lower Upper
41 100
39 58.6 55.8 83.6
76 42.8 36.8 55.2





#15
Acrylonitrile
Concen: 97.766 ug/l
RT: 5.734 min Scan# 61
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

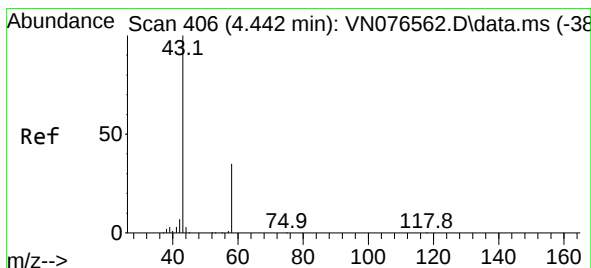
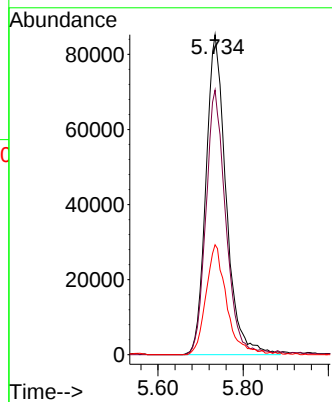
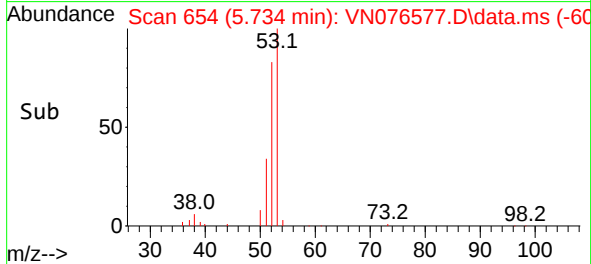
Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01



Tgt Ion: 53 Resp: 27958
Ion Ratio Lower Upper
53 100
52 81.6 64.6 96.8
51 35.3 27.9 41.9

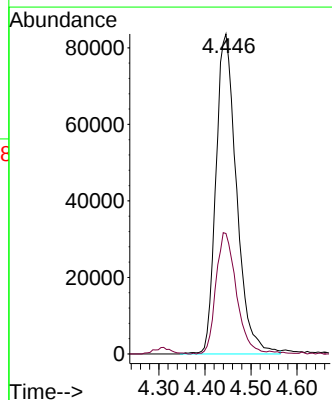
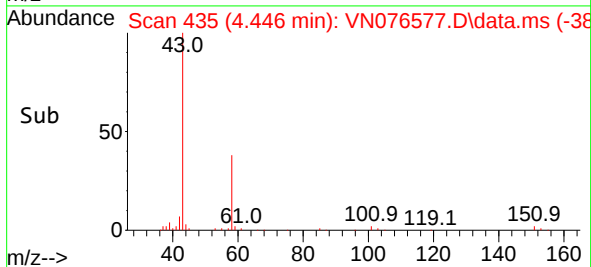
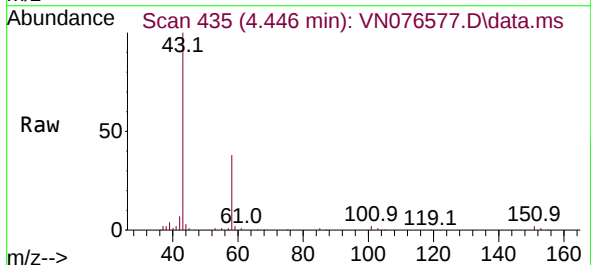
Manual Integrations
APPROVED

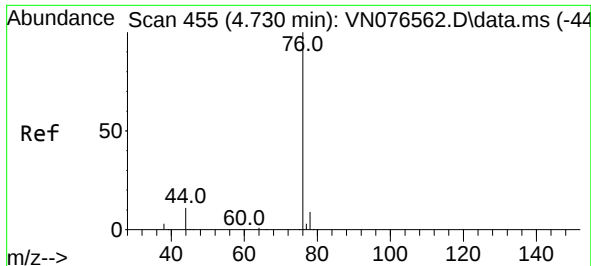
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#16
Acetone
Concen: 107.448 ug/l
RT: 4.446 min Scan# 435
Delta R.T. 0.004 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Tgt Ion: 43 Resp: 259181
Ion Ratio Lower Upper
43 100
58 37.4 28.4 42.6





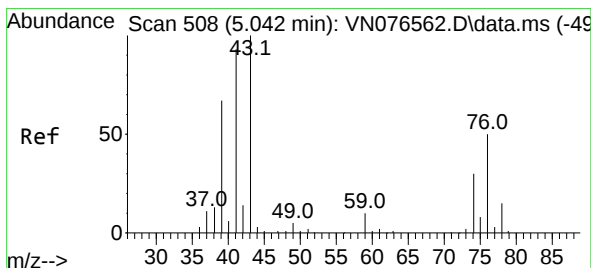
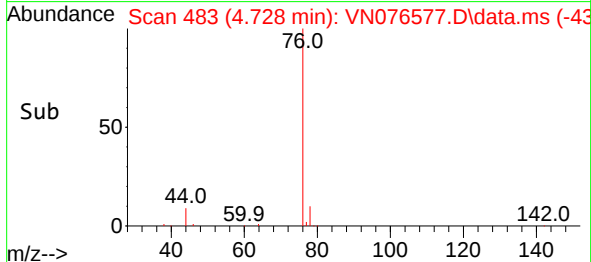
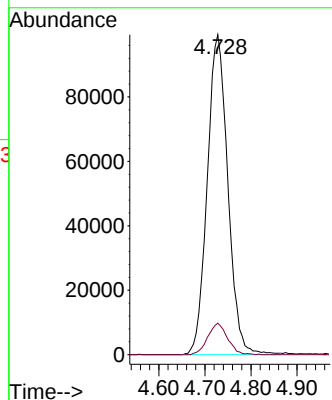
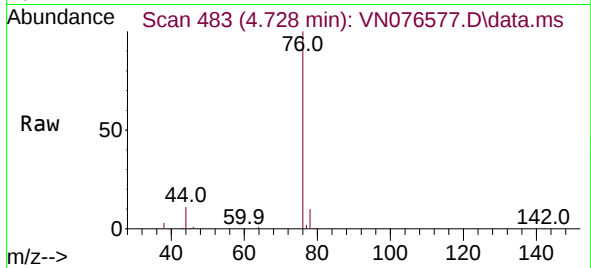
#17
Carbon Disulfide
Concen: 19.248 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01

Tgt Ion: 76 Resp: 309109
Ion Ratio Lower Upper
76 100
78 9.9 7.6 11.4

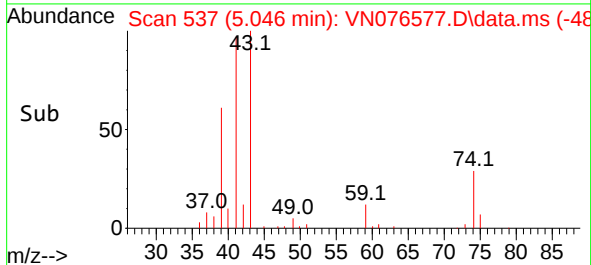
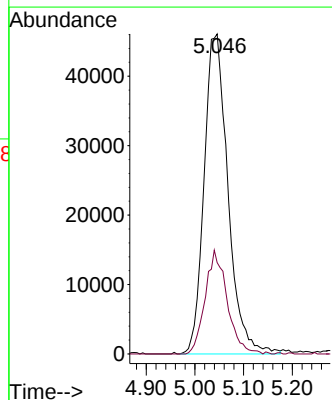
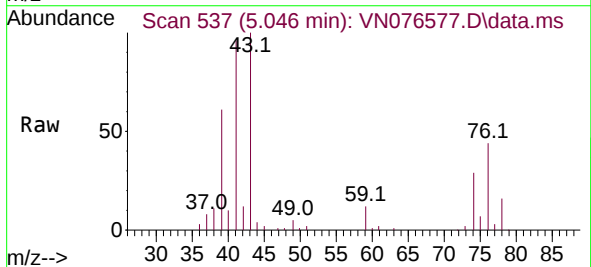
Manual Integrations
APPROVED

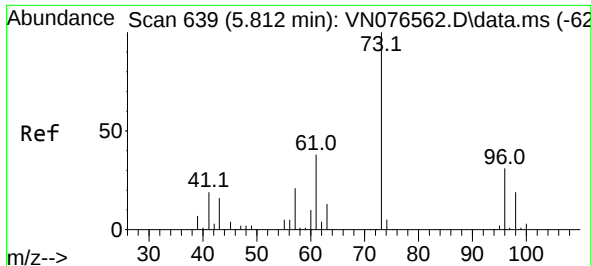
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#18
Methyl Acetate
Concen: 20.551 ug/l
RT: 5.046 min Scan# 537
Delta R.T. 0.004 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Tgt Ion: 43 Resp: 156849
Ion Ratio Lower Upper
43 100
74 29.9 23.9 35.9





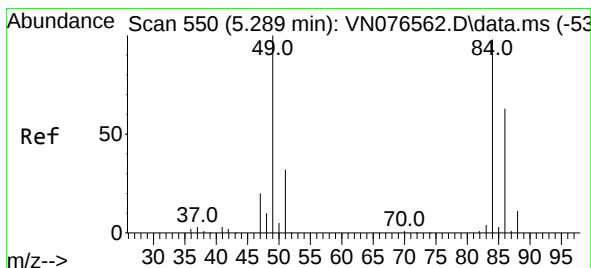
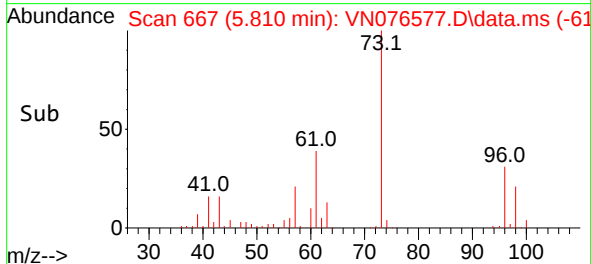
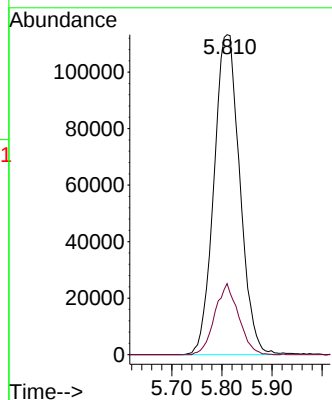
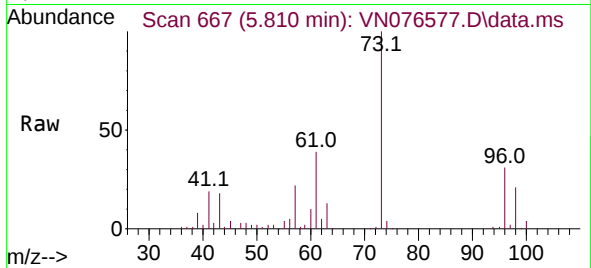
#19
Methyl tert-butyl Ether
Concen: 19.676 ug/l
RT: 5.810 min Scan# 610
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01

Tgt Ion: 73 Resp: 405648
Ion Ratio Lower Upper
73 100
57 22.2 17.0 25.6

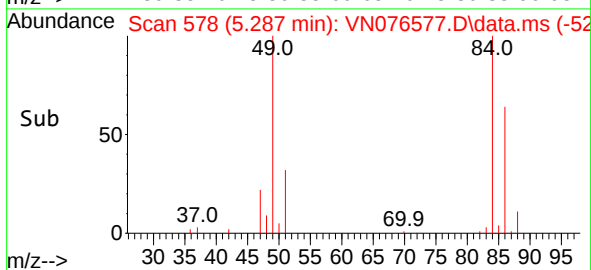
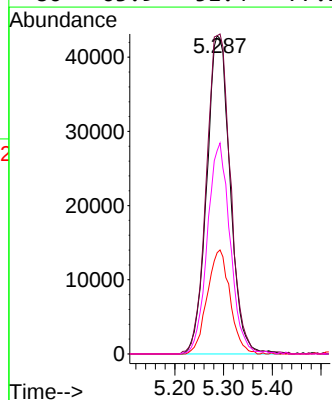
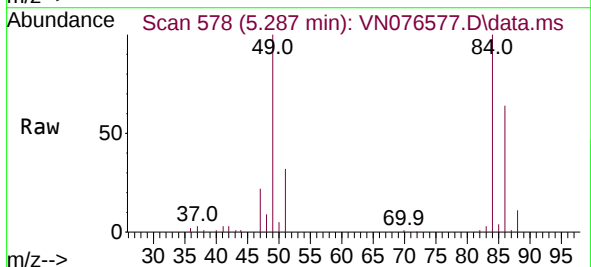
Manual Integrations
APPROVED

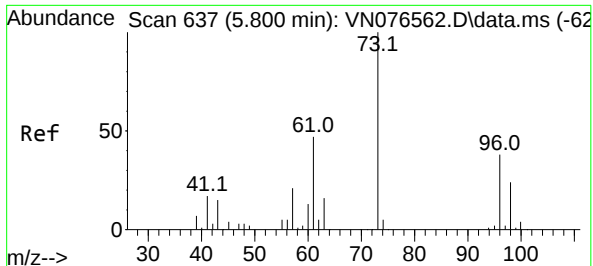
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#20
Methylene Chloride
Concen: 19.172 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

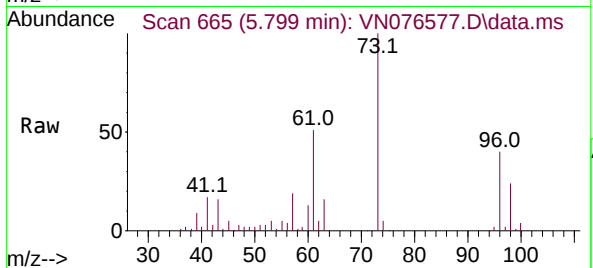
Tgt Ion: 84 Resp: 142565
Ion Ratio Lower Upper
84 100
49 100.0 82.0 123.0
51 31.8 26.0 39.0
86 63.9 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 19.118 ug/l
RT: 5.799 min Scan# 611
Delta R.T. -0.001 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

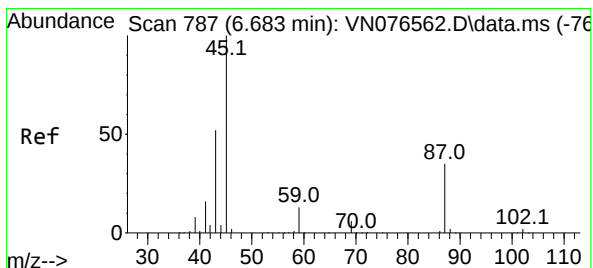
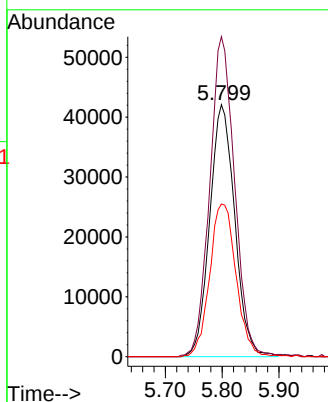
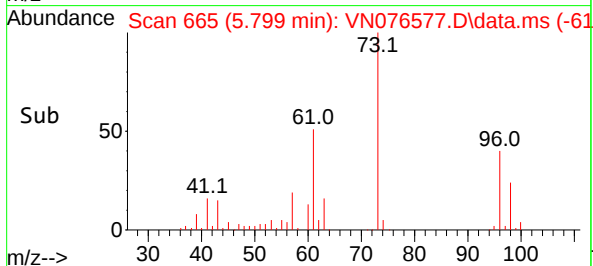
Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01



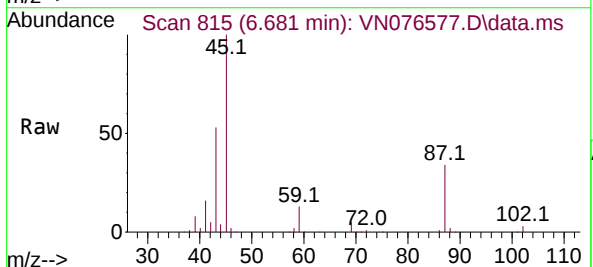
Tgt Ion: 96 Resp: 128814
Ion Ratio Lower Upper
96 100
61 127.0 98.9 148.3
98 60.6 49.4 74.2

Manual Integrations
APPROVED

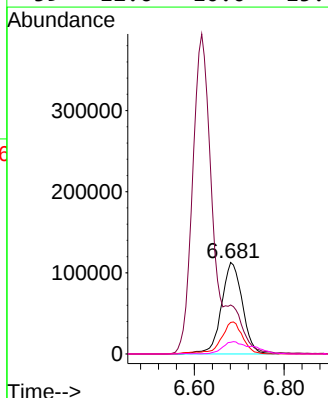
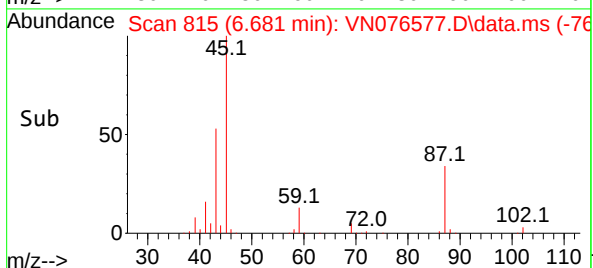
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

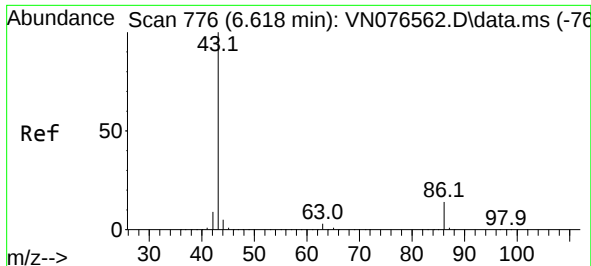


#22
Diisopropyl ether
Concen: 20.007 ug/l
RT: 6.681 min Scan# 815
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09



Tgt Ion: 45 Resp: 366074
Ion Ratio Lower Upper
45 100
43 52.2 41.4 62.2
87 34.5 28.2 42.4
59 12.6 10.0 15.0





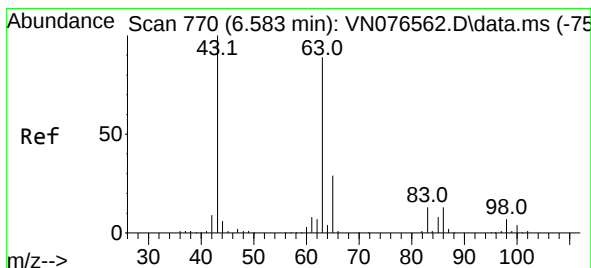
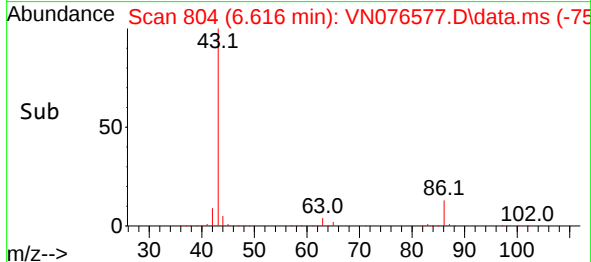
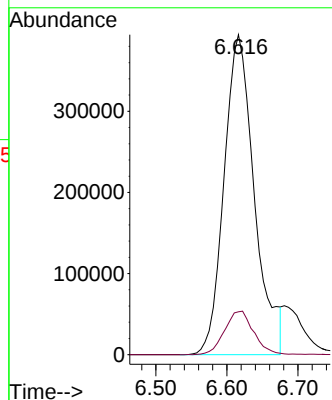
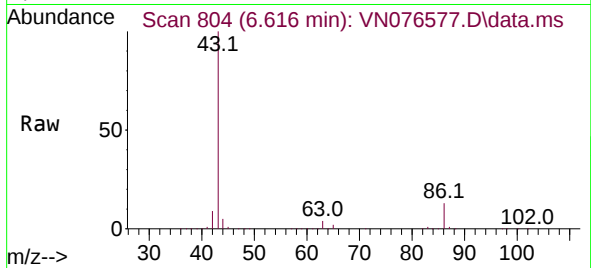
#23
 Vinyl Acetate
 Concen: 102.246 ug/l
 RT: 6.616 min Scan# 804
 Delta R.T. -0.002 min
 Lab File: VN076577.D
 Acq: 08 Feb 2023 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0208WBSD01

Tgt Ion: 43 Resp: 1170604
 Ion Ratio Lower Upper
 43 100
 86 13.4 11.3 16.9

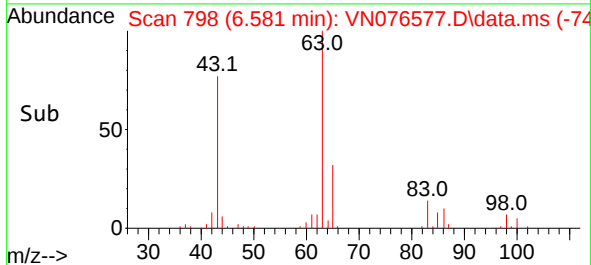
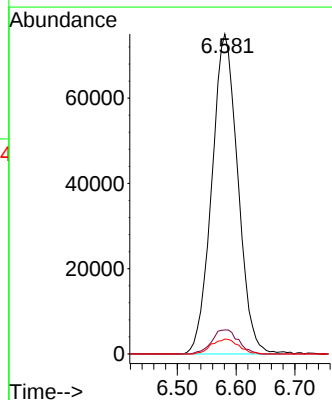
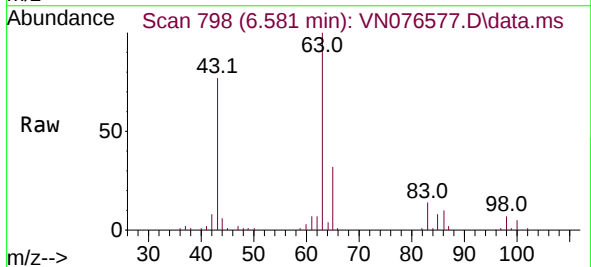
Manual Integrations
 APPROVED

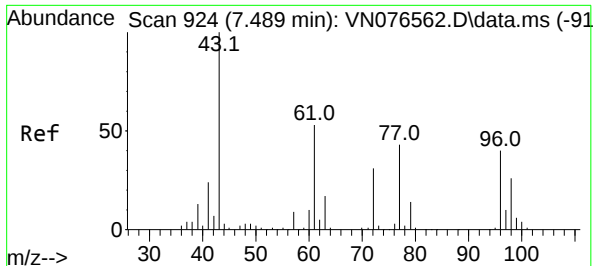
Reviewed By :John Carlone 02/09/2023
 Supervised By :Semsettin Yesilyurt 02/09/2023



#24
 1,1-Dichloroethane
 Concen: 19.655 ug/l
 RT: 6.581 min Scan# 798
 Delta R.T. -0.002 min
 Lab File: VN076577.D
 Acq: 08 Feb 2023 14:09

Tgt Ion: 63 Resp: 230943
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 4.7 2.5 7.4





#25

2-Butanone

Concen: 102.963 ug/l

RT: 7.493 min Scan# 91

Delta R.T. 0.004 min

Lab File: VN076577.D

Acq: 08 Feb 2023 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0208WBSD01

Tgt Ion: 43 Resp: 357000

Ion Ratio Lower Upper

43 100

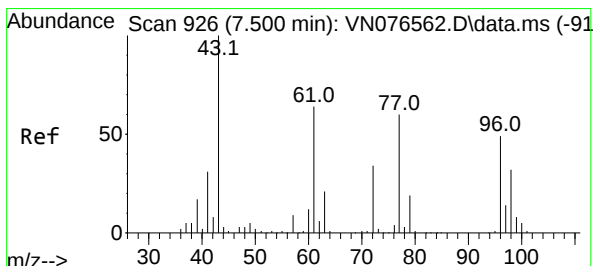
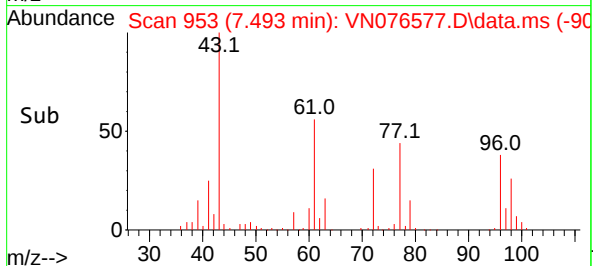
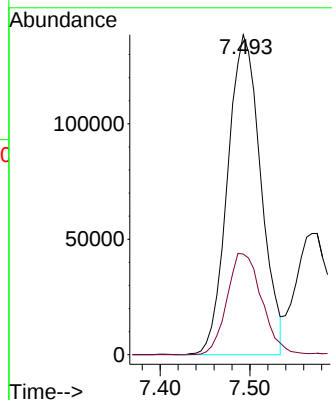
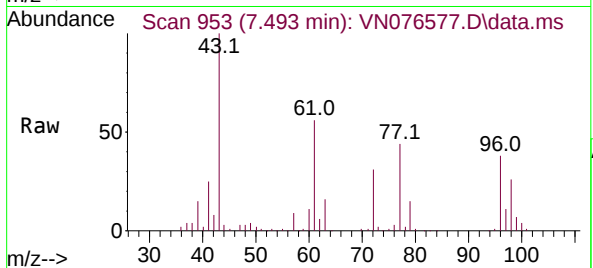
72 31.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#26

2,2-Dichloropropane

Concen: 19.757 ug/l

RT: 7.498 min Scan# 954

Delta R.T. -0.002 min

Lab File: VN076577.D

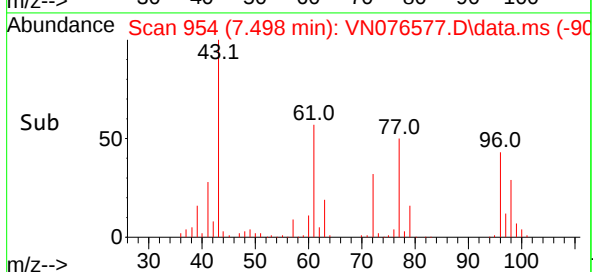
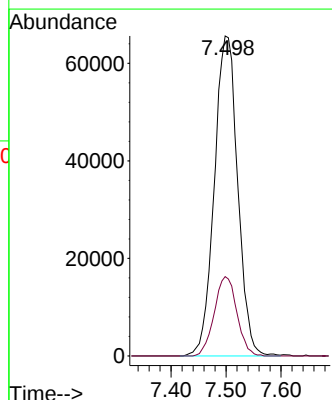
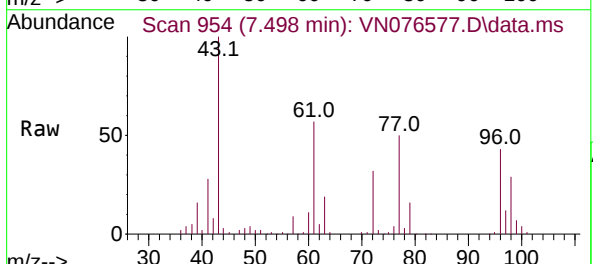
Acq: 08 Feb 2023 14:09

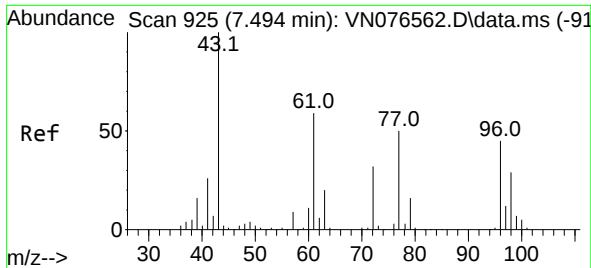
Tgt Ion: 77 Resp: 193782

Ion Ratio Lower Upper

77 100

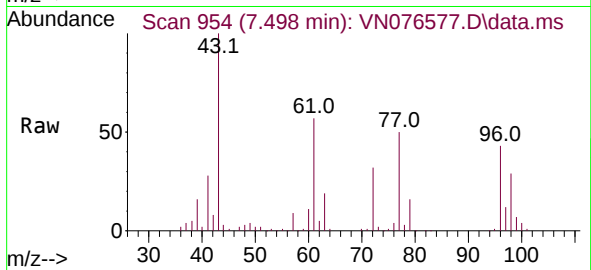
97 24.0 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 19.208 ug/l
 RT: 7.498 min Scan# 91
 Delta R.T. 0.004 min
 Lab File: VN076577.D
 Acq: 08 Feb 2023 14:09

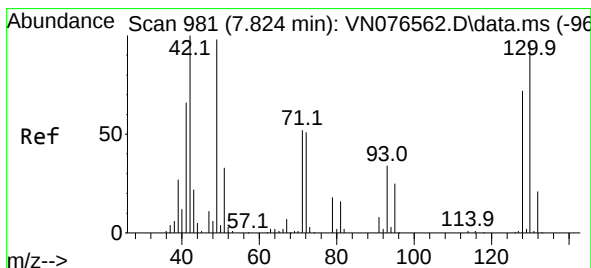
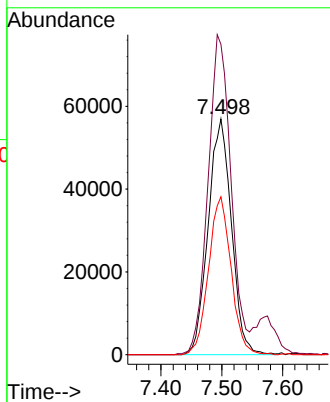
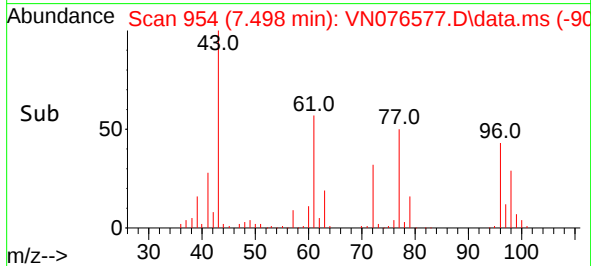
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0208WBSD01



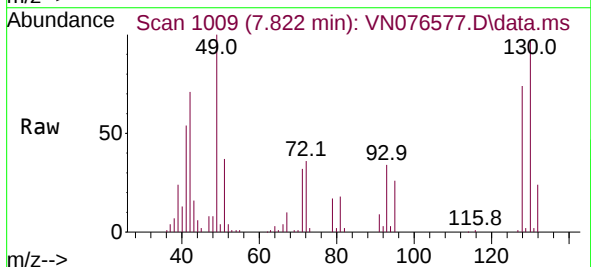
Tgt Ion: 96 Resp: 15134
 Ion Ratio Lower Upper
 96 100
 61 134.1 0.0 262.2
 98 64.9 0.0 128.6

Manual Integrations
 APPROVED

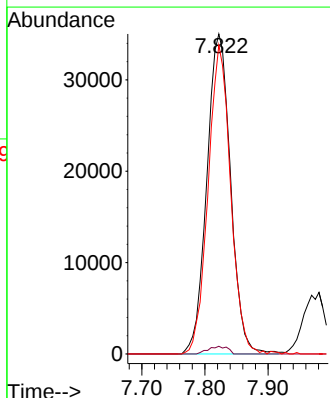
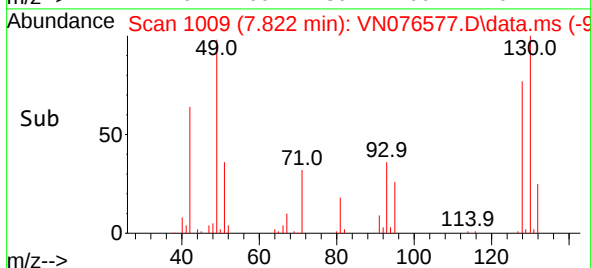
Reviewed By :John Carlone 02/09/2023
 Supervised By :Semsettin Yesilyurt 02/09/2023

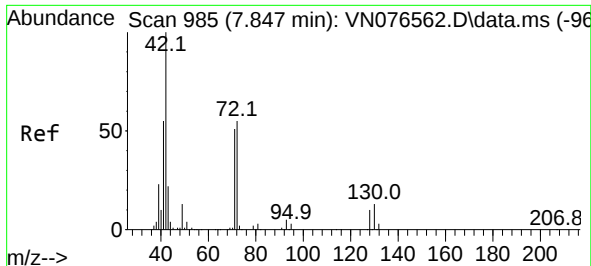


#28
 Bromochloromethane
 Concen: 19.460 ug/l
 RT: 7.822 min Scan# 1009
 Delta R.T. -0.002 min
 Lab File: VN076577.D
 Acq: 08 Feb 2023 14:09



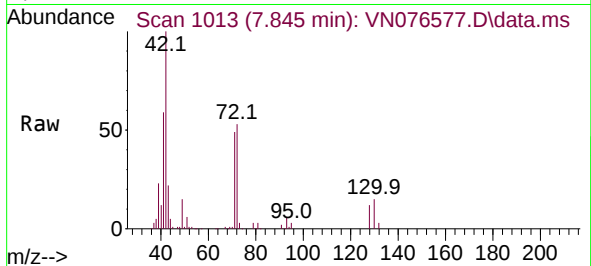
Tgt Ion: 49 Resp: 91615
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 91.2 74.3 111.5





#29
Tetrahydrofuran
Concen: 101.086 ug/l
RT: 7.845 min Scan# 1013
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

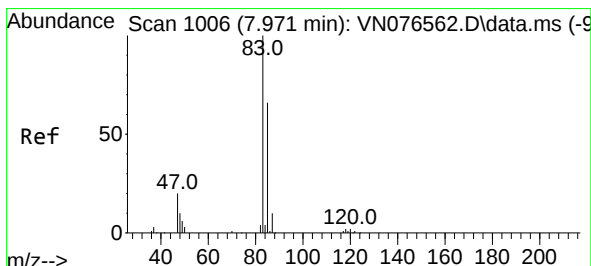
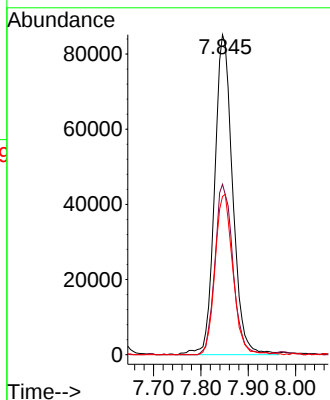
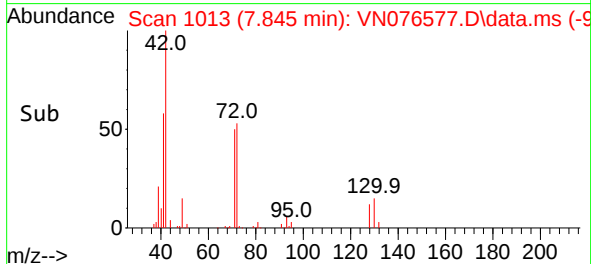
Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01



Tgt Ion: 42 Resp: 225258
Ion Ratio Lower Upper
42 100
72 53.1 42.9 64.3
71 49.5 39.9 59.9

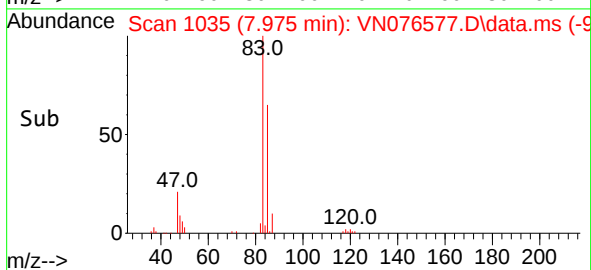
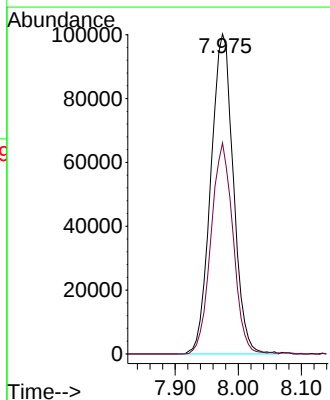
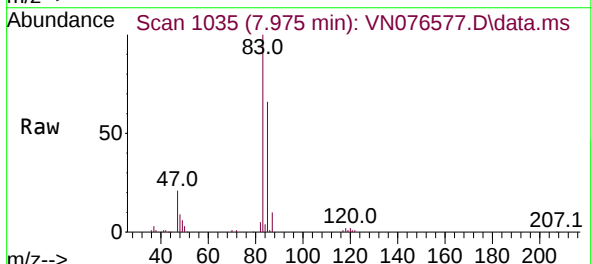
Manual Integrations
APPROVED

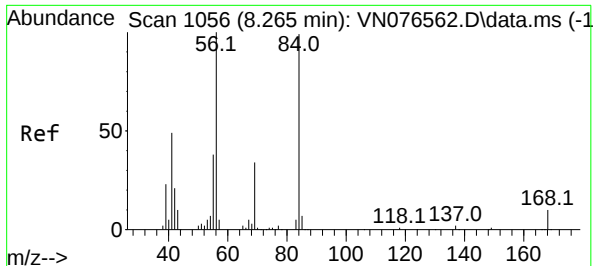
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#30
Chloroform
Concen: 19.505 ug/l
RT: 7.975 min Scan# 1035
Delta R.T. 0.004 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

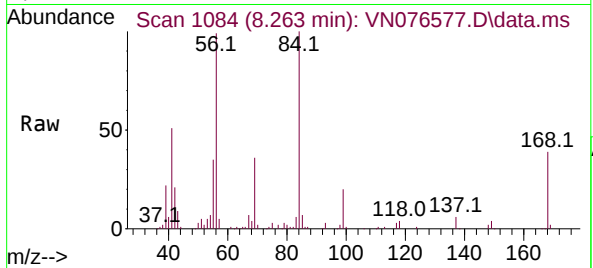
Tgt Ion: 83 Resp: 248611
Ion Ratio Lower Upper
83 100
85 66.0 52.5 78.7





#31
Cyclohexane
Concen: 18.593 ug/l
RT: 8.263 min Scan# 1084
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

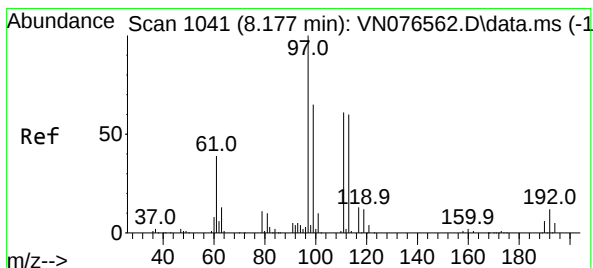
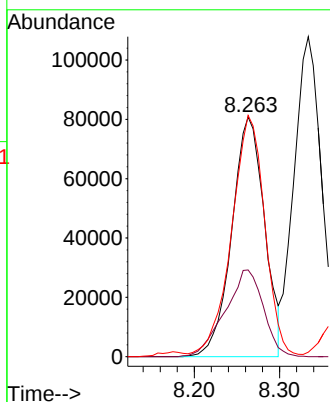
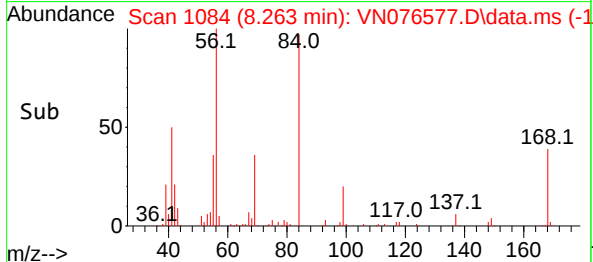
Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01



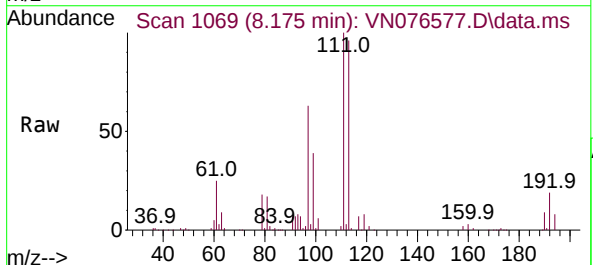
Tgt Ion: 56 Resp: 215009
Ion Ratio Lower Upper
56 100
69 36.1 27.0 40.4
84 98.9 79.5 119.3

Manual Integrations
APPROVED

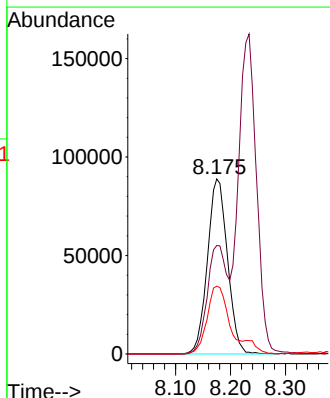
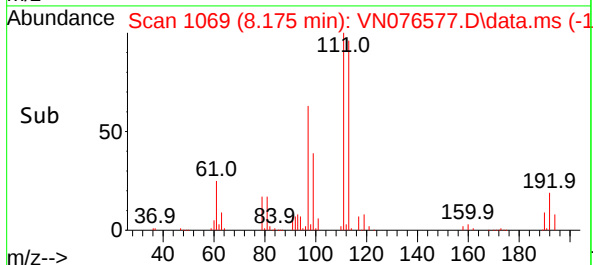
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

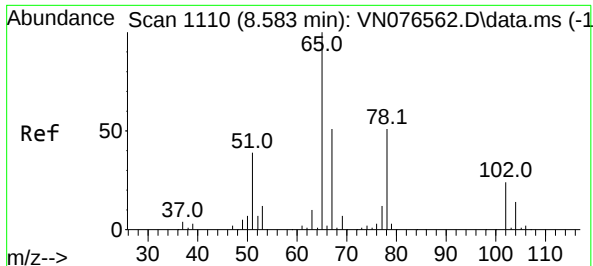


#32
1,1,1-Trichloroethane
Concen: 19.743 ug/l
RT: 8.175 min Scan# 1069
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09



Tgt Ion: 97 Resp: 225486
Ion Ratio Lower Upper
97 100
99 62.0 53.5 80.3
61 41.5 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 51.124 ug/l

RT: 8.587 min Scan# 1110

Delta R.T. 0.004 min

Lab File: VN076577.D

Acq: 08 Feb 2023 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0208WBSD01

Tgt Ion: 65 Resp: 374049

Ion Ratio Lower Upper

65 100

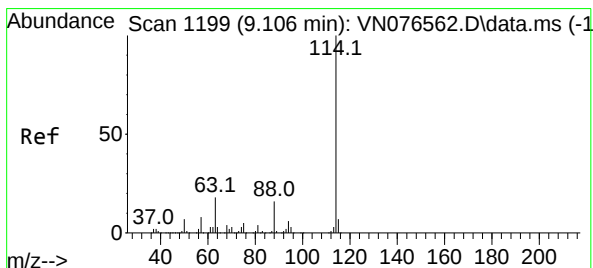
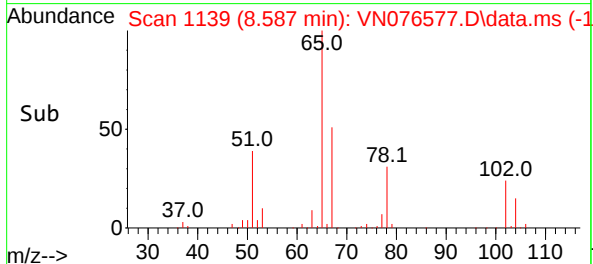
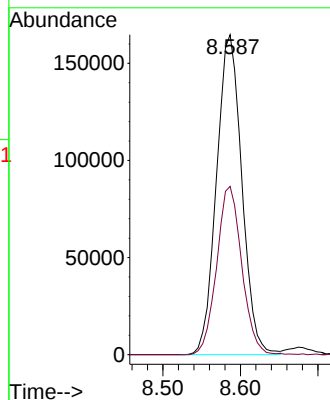
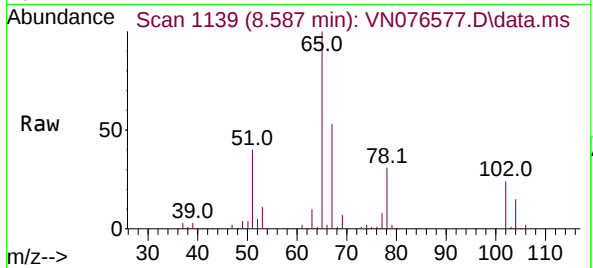
67 52.2 0.0 105.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.104 min Scan# 1227

Delta R.T. -0.002 min

Lab File: VN076577.D

Acq: 08 Feb 2023 14:09

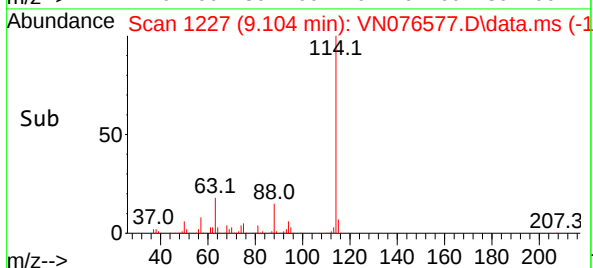
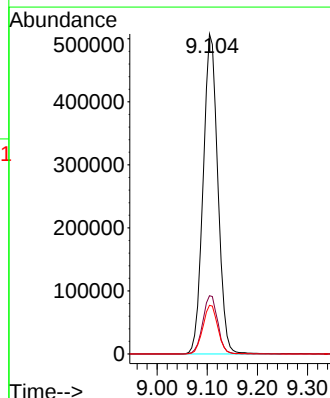
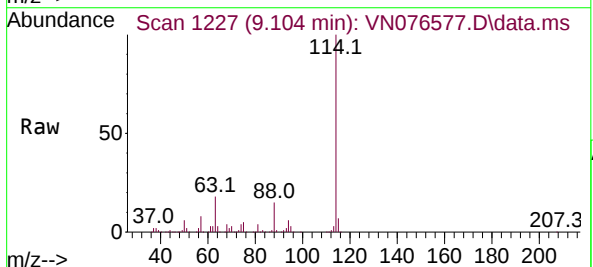
Tgt Ion:114 Resp: 1033061

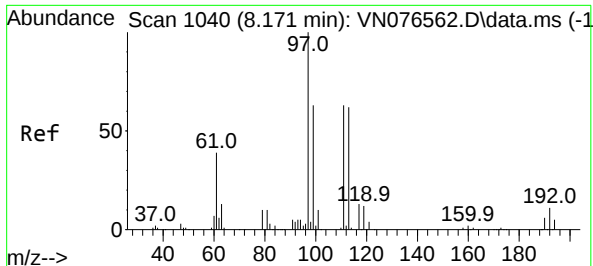
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.6

88 15.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.392 ug/l

RT: 8.175 min Scan# 1103

Delta R.T. 0.004 min

Lab File: VN076577.D

Acq: 08 Feb 2023 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0208WBSD01

Tgt Ion:113 Resp: 330029

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

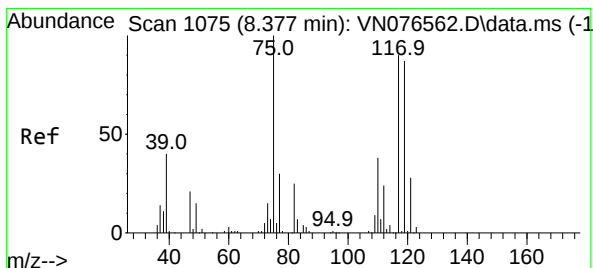
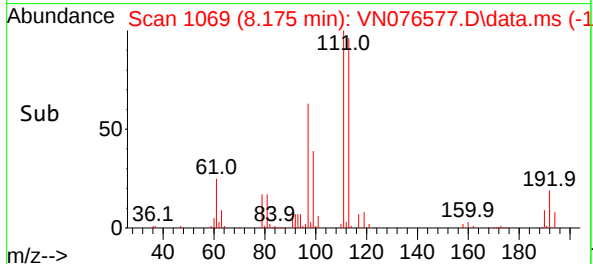
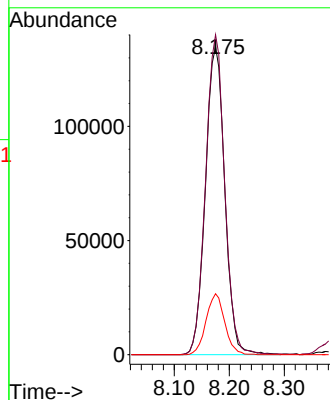
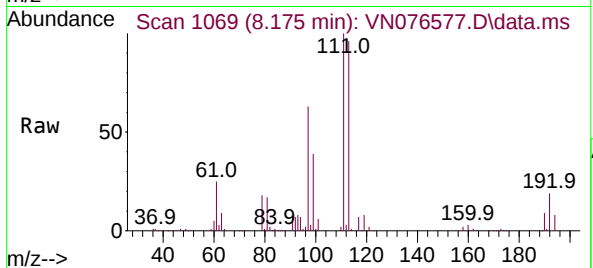
192 19.1 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#36

1,1-Dichloropropene

Concen: 19.725 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. -0.002 min

Lab File: VN076577.D

Acq: 08 Feb 2023 14:09

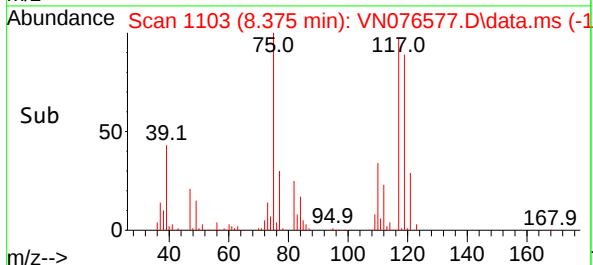
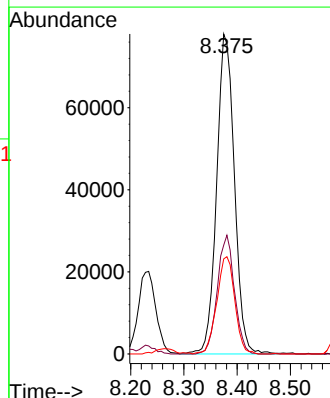
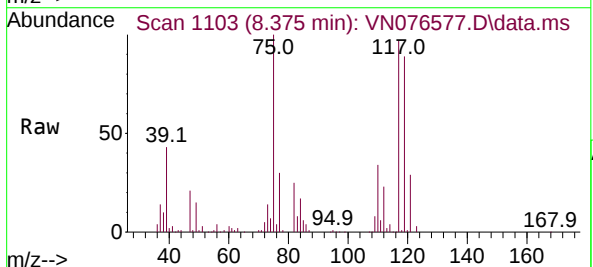
Tgt Ion: 75 Resp: 180856

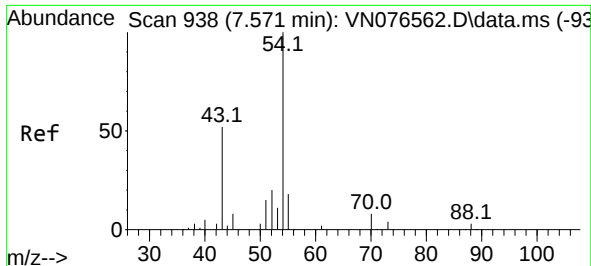
Ion Ratio Lower Upper

75 100

110 35.7 18.6 55.6

77 30.8 25.1 37.7





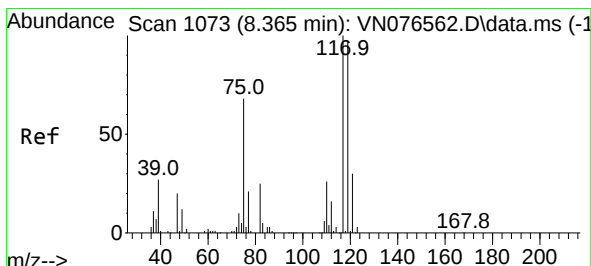
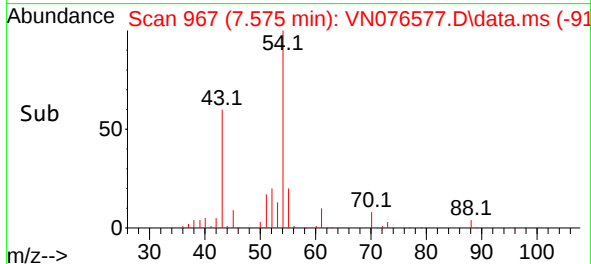
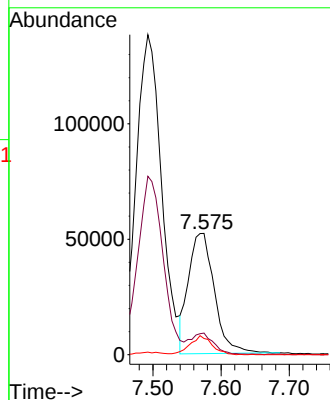
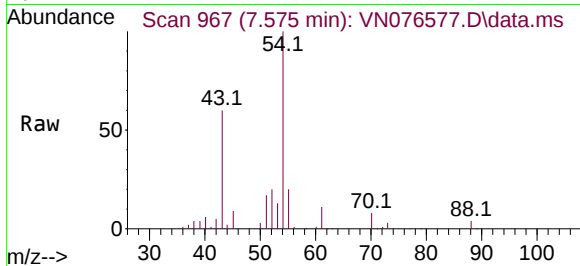
#37
Ethyl Acetate
Concen: 19.954 ug/l
RT: 7.575 min Scan# 910
Delta R.T. 0.004 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01

Tgt Ion: 43 Resp: 137069
Ion Ratio Lower Upper
43 100
61 16.6 11.8 17.6
70 13.4 10.4 15.6

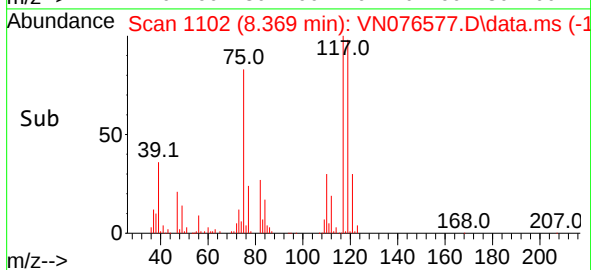
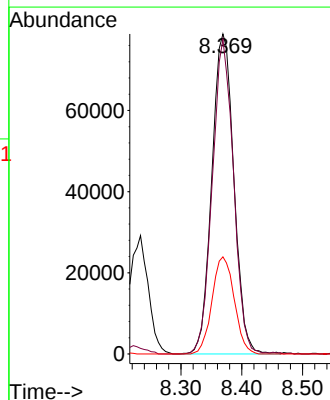
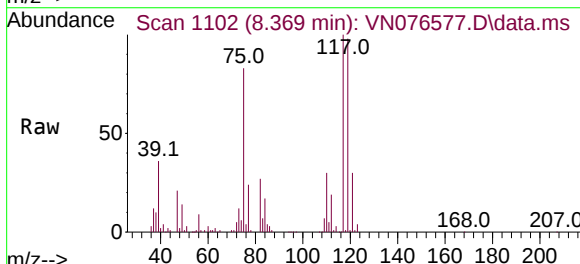
Manual Integrations
APPROVED

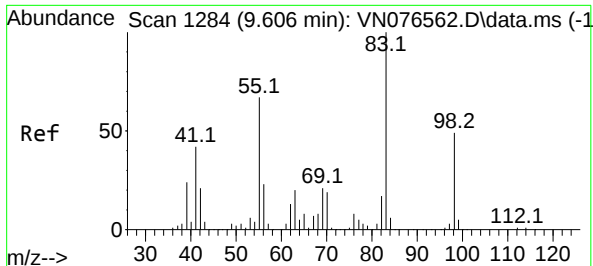
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#38
Carbon Tetrachloride
Concen: 20.106 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.004 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Tgt Ion:117 Resp: 198213
Ion Ratio Lower Upper
117 100
119 98.3 77.2 115.8
121 30.4 23.9 35.9





#39

Methylcyclohexane

Concen: 20.161 ug/l

RT: 9.604 min Scan# 1144

Delta R.T. -0.002 min

Lab File: VN076577.D

Acq: 08 Feb 2023 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0208WBSD01

Tgt Ion: 83 Resp: 22956

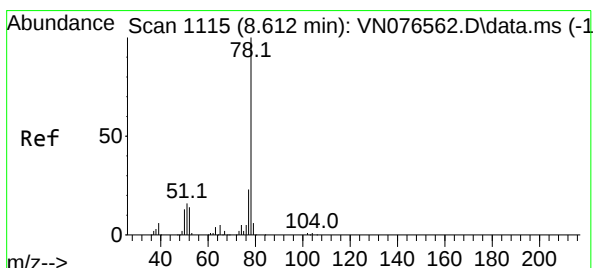
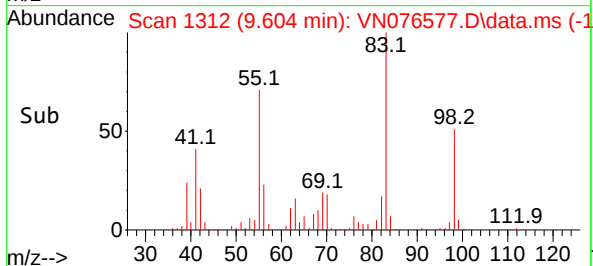
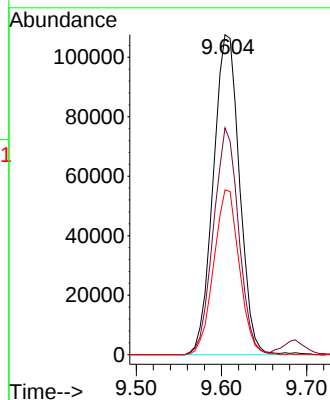
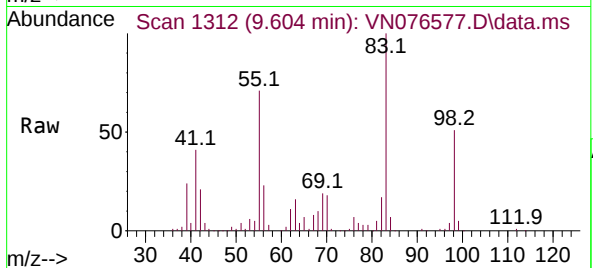
Ion	Ratio	Lower	Upper
83	100		
55	70.9	53.8	80.6
98	51.5	39.0	58.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#40

Benzene

Concen: 19.936 ug/l

RT: 8.616 min Scan# 1144

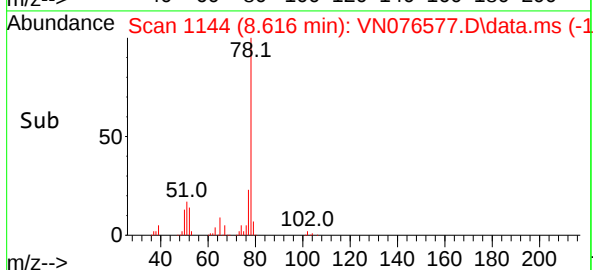
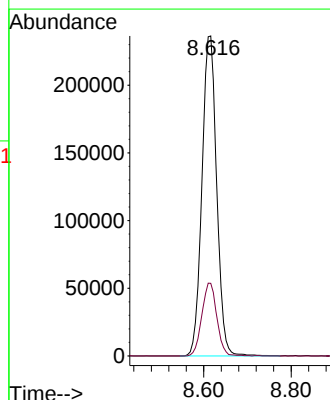
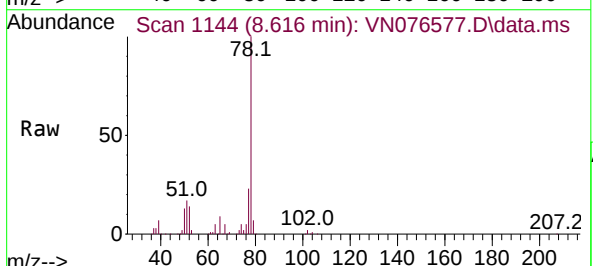
Delta R.T. 0.004 min

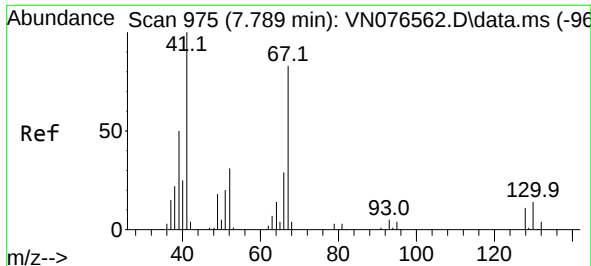
Lab File: VN076577.D

Acq: 08 Feb 2023 14:09

Tgt Ion: 78 Resp: 554109

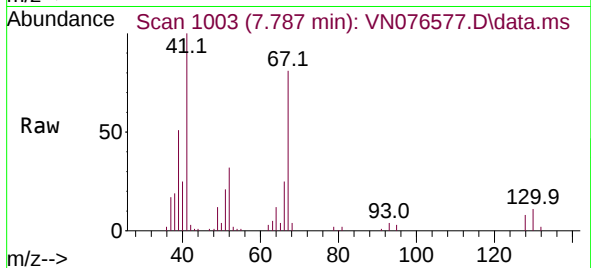
Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.6	27.8





#41
Methacrylonitrile
Concen: 20.558 ug/l
RT: 7.787 min Scan# 1154
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

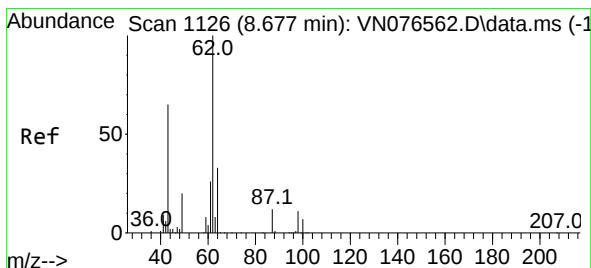
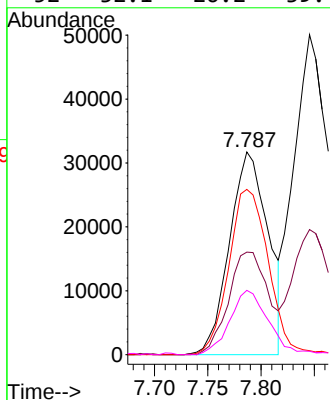
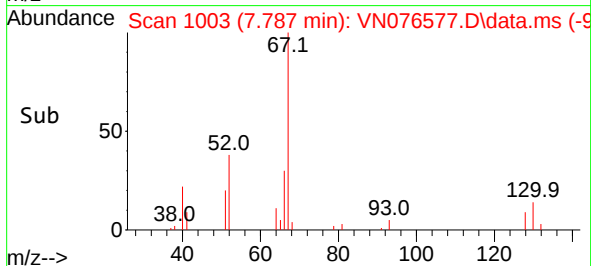
Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01



Tgt Ion: 41 Resp: 79960
Ion Ratio Lower Upper
41 100
39 52.0 41.3 61.9
67 84.5 69.6 104.4
52 32.1 26.2 39.4

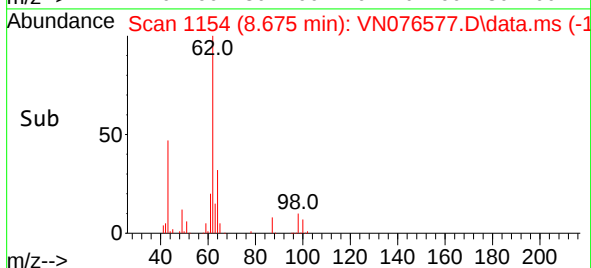
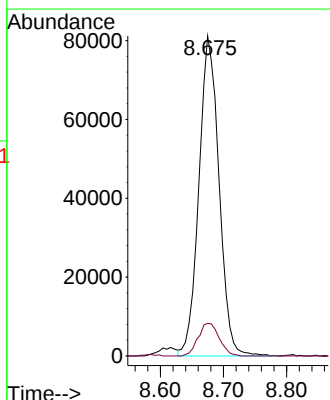
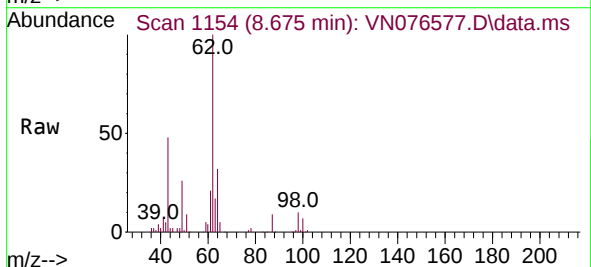
Manual Integrations
APPROVED

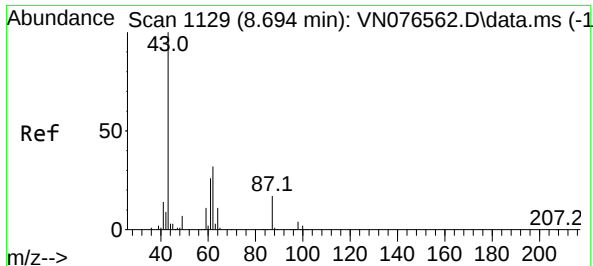
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#42
1,2-Dichloroethane
Concen: 19.870 ug/l
RT: 8.675 min Scan# 1154
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

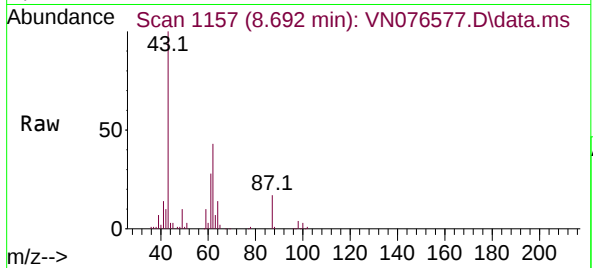
Tgt Ion: 62 Resp: 179809
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.6





#43
Isopropyl Acetate
Concen: 21.810 ug/l
RT: 8.692 min Scan# 1129
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

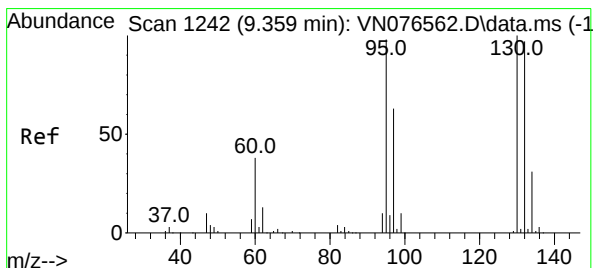
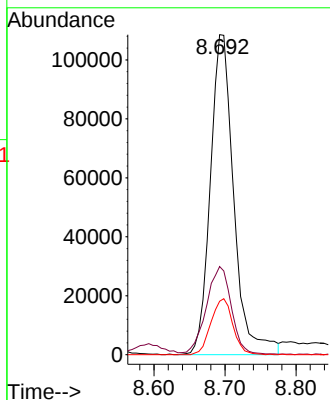
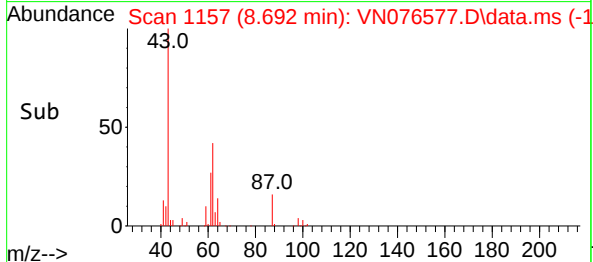
Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01



Tgt Ion: 43 Resp: 24930
Ion Ratio Lower Upper
43 100
61 29.6 24.5 36.7
87 16.3 13.6 20.4

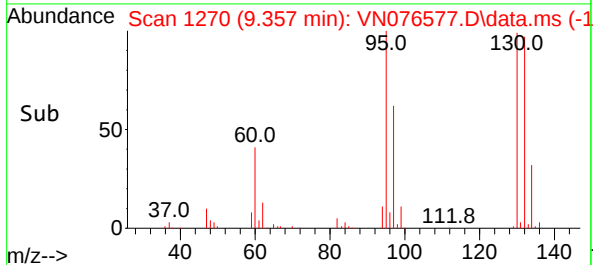
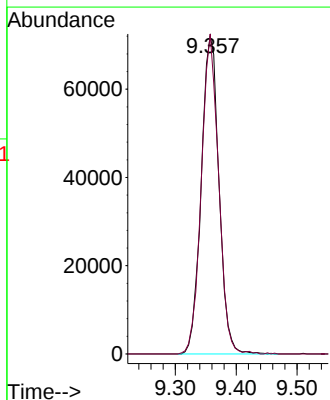
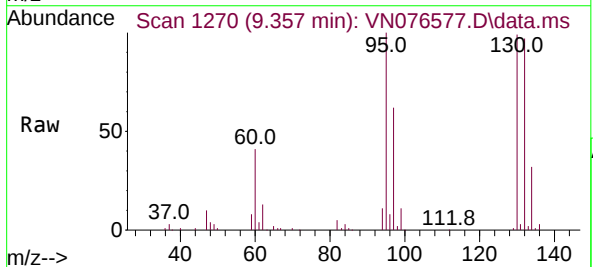
Manual Integrations
APPROVED

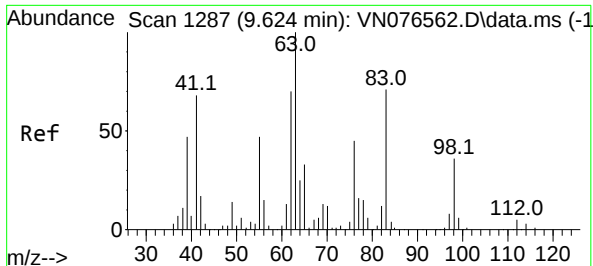
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#44
Trichloroethene
Concen: 19.661 ug/l
RT: 9.357 min Scan# 1270
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Tgt Ion:130 Resp: 145923
Ion Ratio Lower Upper
130 100
95 100.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.242 ug/l

RT: 9.628 min Scan# 11

Delta R.T. 0.004 min

Lab File: VN076577.D

Acq: 08 Feb 2023 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0208WBSD01

Tgt Ion: 63 Resp: 13512

Ion Ratio Lower Upper

63 100

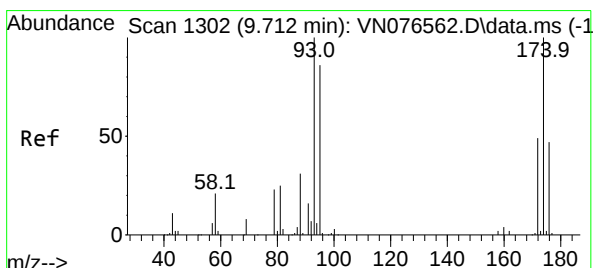
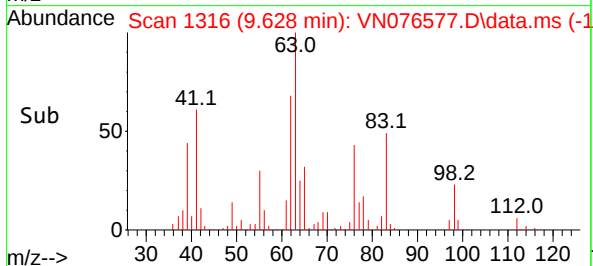
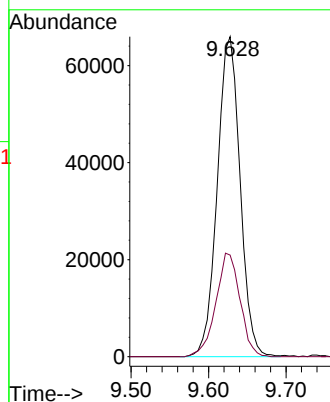
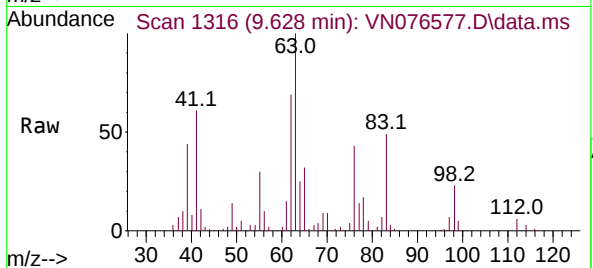
65 31.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#46

Dibromomethane

Concen: 19.205 ug/l

RT: 9.716 min Scan# 1331

Delta R.T. 0.004 min

Lab File: VN076577.D

Acq: 08 Feb 2023 14:09

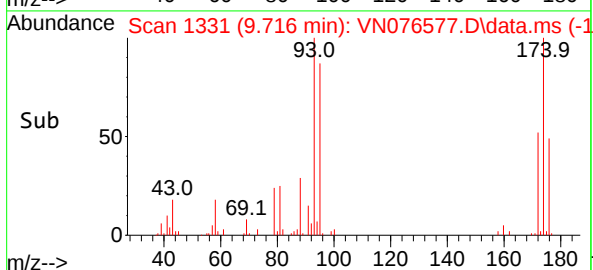
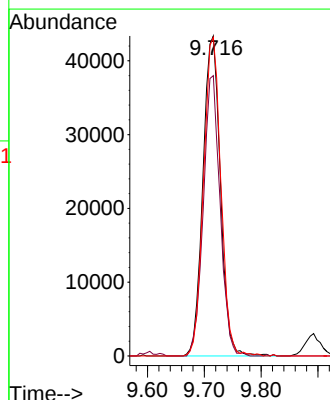
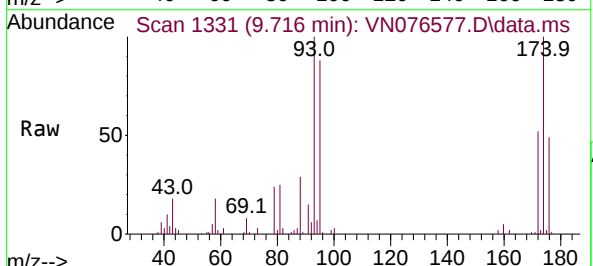
Tgt Ion: 93 Resp: 92480

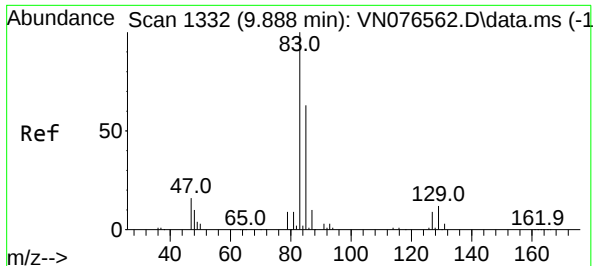
Ion Ratio Lower Upper

93 100

95 84.1 68.0 102.0

174 98.6 80.9 121.3





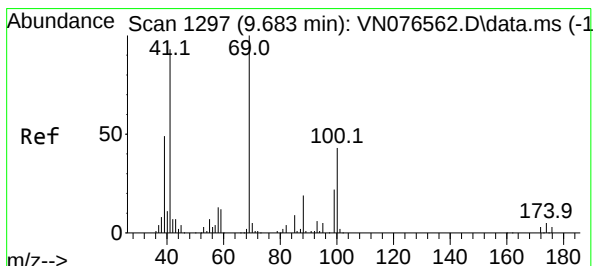
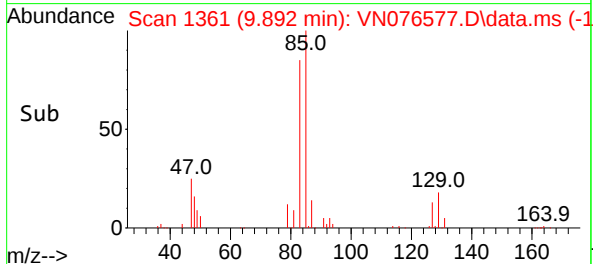
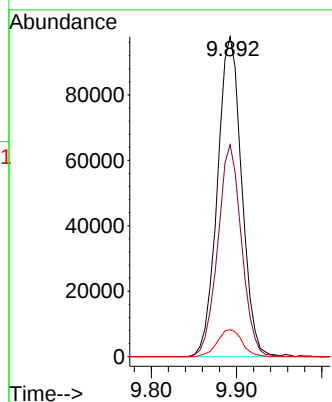
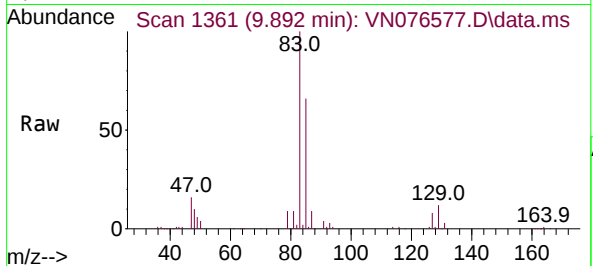
#47
Bromodichloromethane
Concen: 19.961 ug/l
RT: 9.892 min Scan# 1361
Delta R.T. 0.004 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01

Tgt Ion: 83 Resp: 19329
Ion Ratio Lower Upper
83 100
85 66.2 50.7 76.1
127 8.5 7.0 10.6

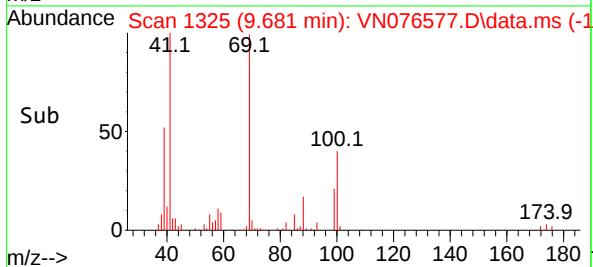
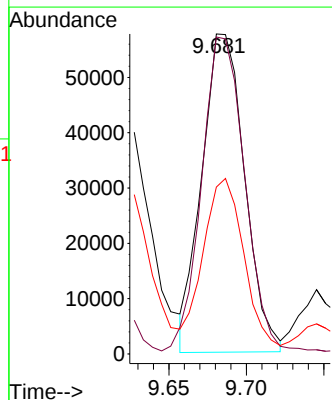
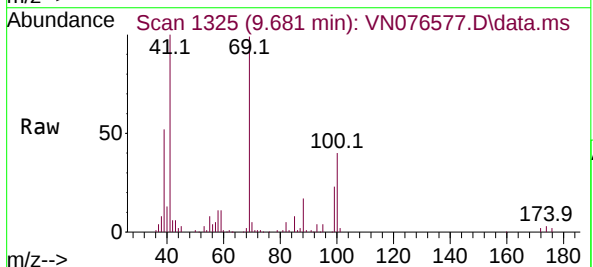
Manual Integrations
APPROVED

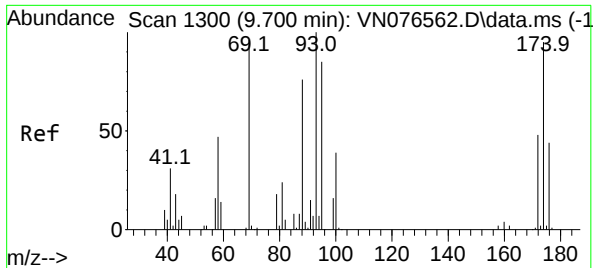
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#48
Methyl methacrylate
Concen: 19.647 ug/l
RT: 9.681 min Scan# 1325
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

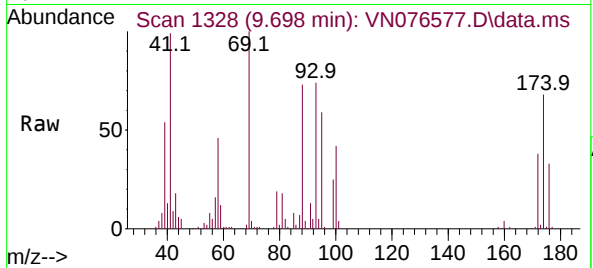
Tgt Ion: 41 Resp: 110447
Ion Ratio Lower Upper
41 100
69 101.0 83.0 124.4
39 53.9 43.8 65.8





#49
1,4-Dioxane
Concen: 441.047 ug/l
RT: 9.698 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

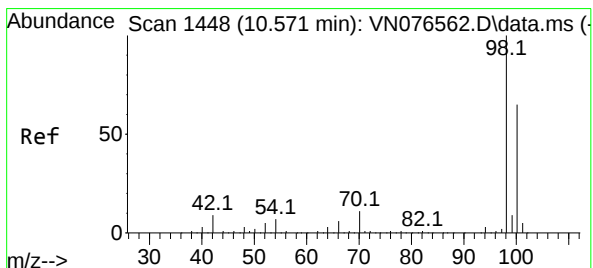
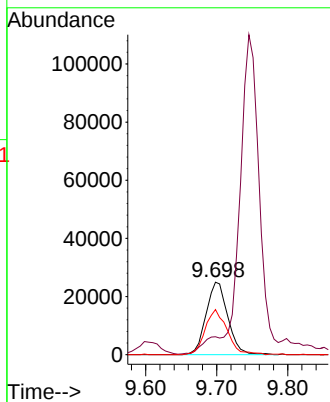
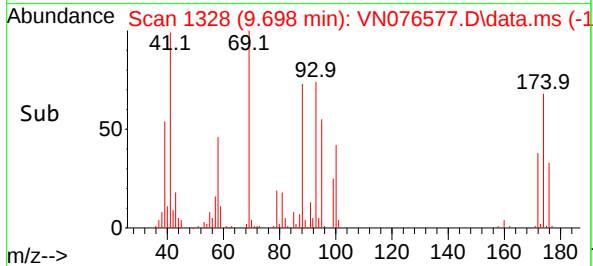
Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01



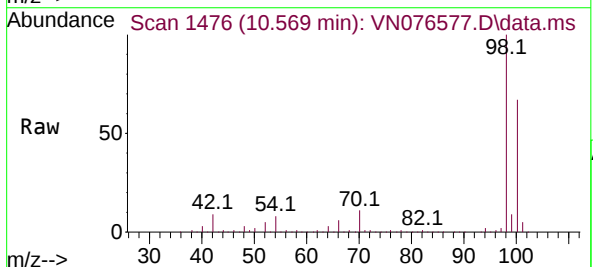
Tgt Ion: 88 Resp: 53038
Ion Ratio Lower Upper
88 100
43 0.0 16.7 25.1
58 63.2 51.7 77.5

Manual Integrations
APPROVED

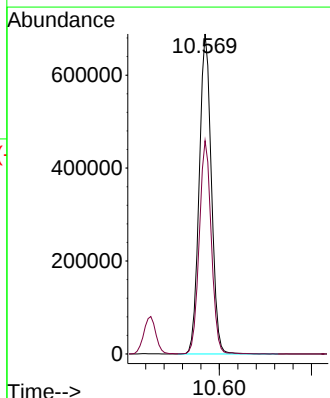
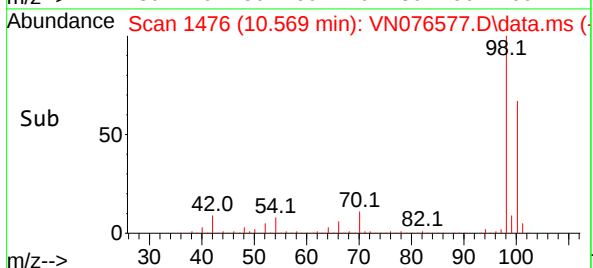
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

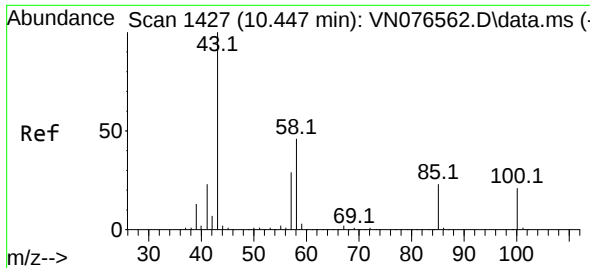


#50
Toluene-d8
Concen: 52.330 ug/l
RT: 10.569 min Scan# 1476
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09



Tgt Ion: 98 Resp: 1264258
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3





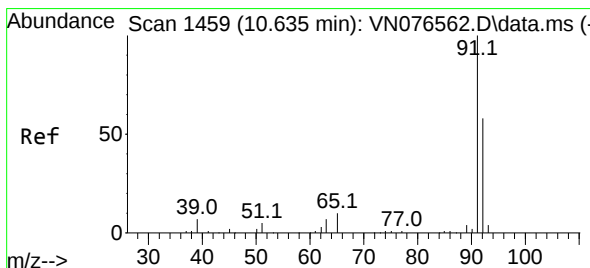
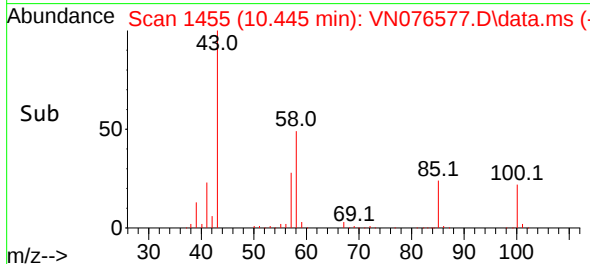
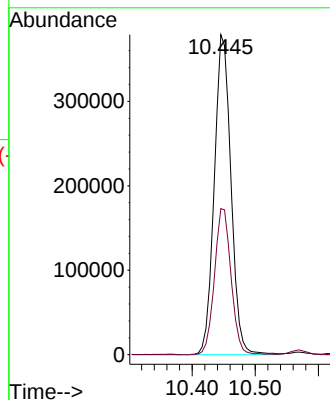
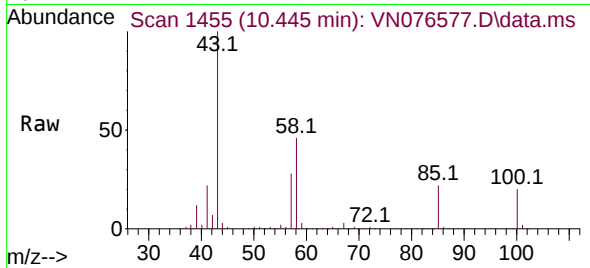
#51
4-Methyl-2-Pentanone
Concen: 101.488 ug/l
RT: 10.445 min Scan# 1427
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01

Tgt Ion: 43 Resp: 697209
Ion Ratio Lower Upper
43 100
58 45.4 36.4 54.6

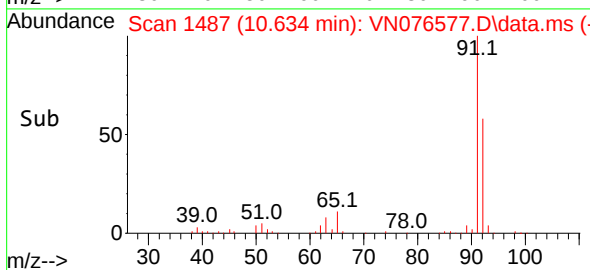
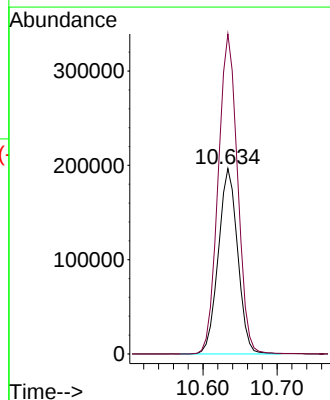
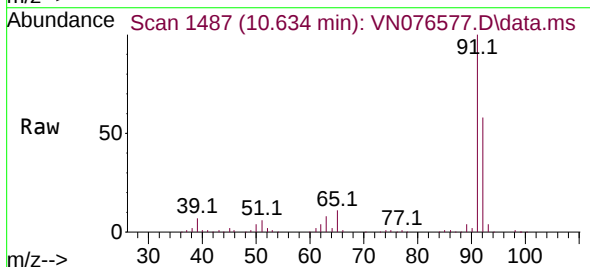
Manual Integrations
APPROVED

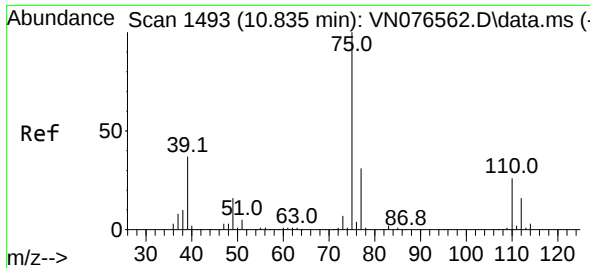
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#52
Toluene
Concen: 19.883 ug/l
RT: 10.634 min Scan# 1487
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Tgt Ion: 92 Resp: 356640
Ion Ratio Lower Upper
92 100
91 173.3 136.3 204.5





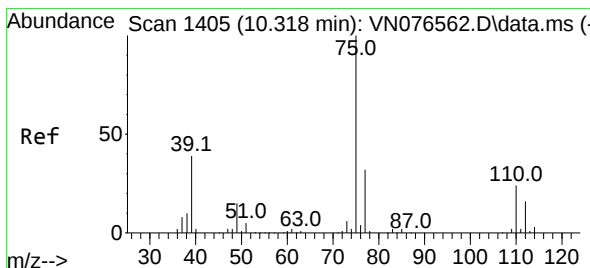
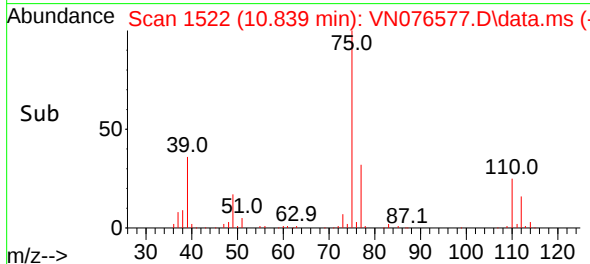
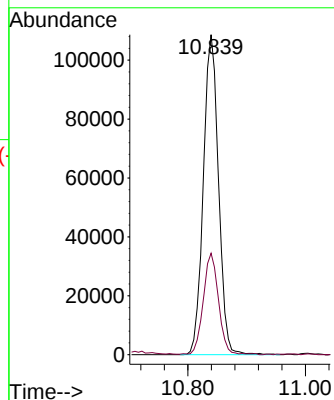
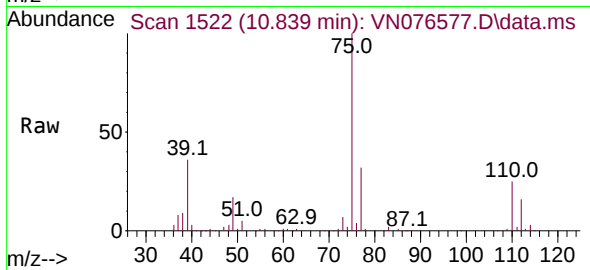
#53
t-1,3-Dichloropropene
Concen: 20.771 ug/l
RT: 10.839 min Scan# 1493
Delta R.T. 0.004 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01

Tgt Ion: 75 Resp: 194344
Ion Ratio Lower Upper
75 100
77 31.6 24.5 36.7

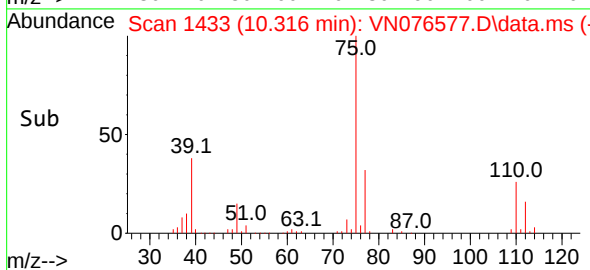
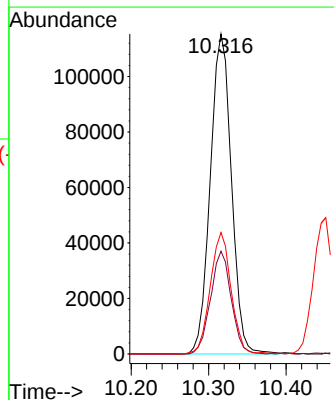
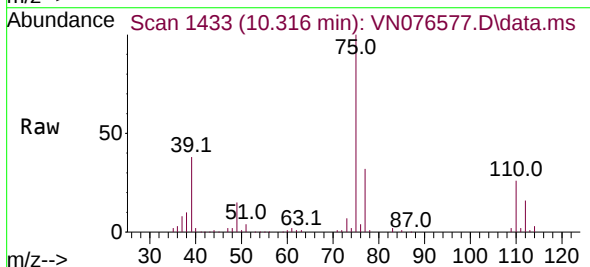
Manual Integrations
APPROVED

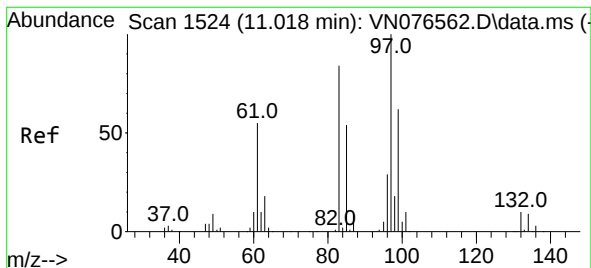
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#54
cis-1,3-Dichloropropene
Concen: 20.469 ug/l
RT: 10.316 min Scan# 1433
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

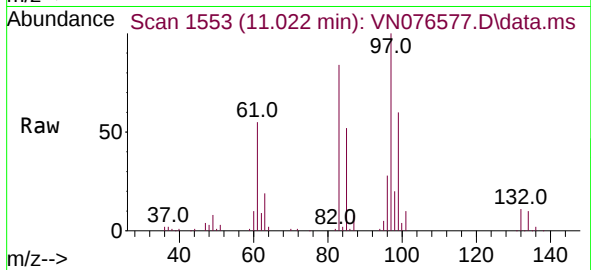
Tgt Ion: 75 Resp: 218397
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
39 37.9 31.1 46.7





#55
1,1,2-Trichloroethane
Concen: 19.655 ug/l
RT: 11.022 min Scan# 11022
Delta R.T. 0.004 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

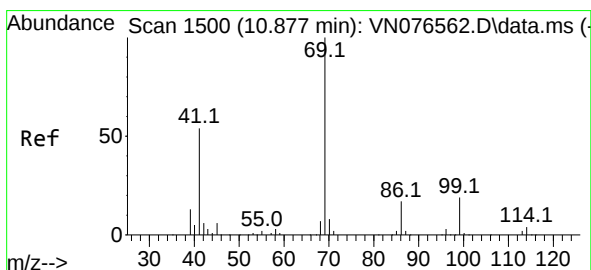
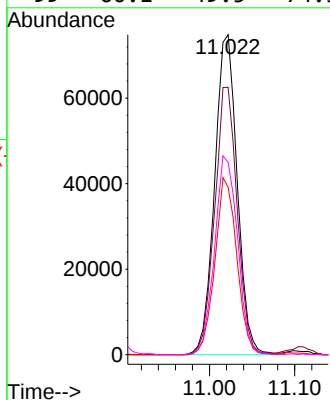
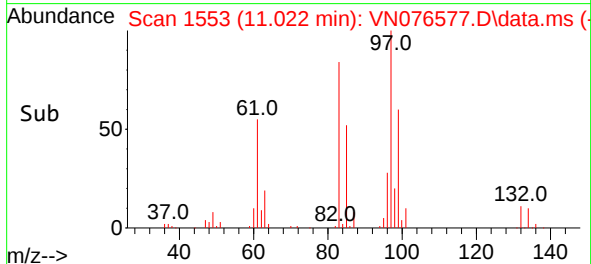
Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01



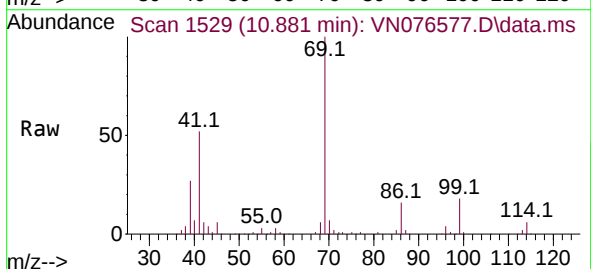
Tgt Ion: 97 Resp: 138083
Ion Ratio Lower Upper
97 100
83 83.5 67.5 101.3
85 52.4 43.0 64.6
99 60.1 49.5 74.3

Manual Integrations
APPROVED

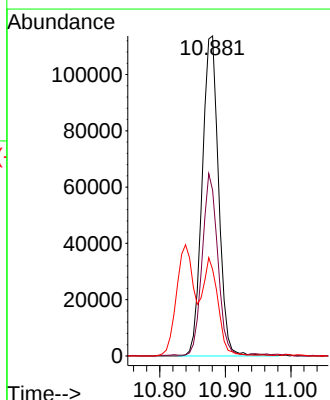
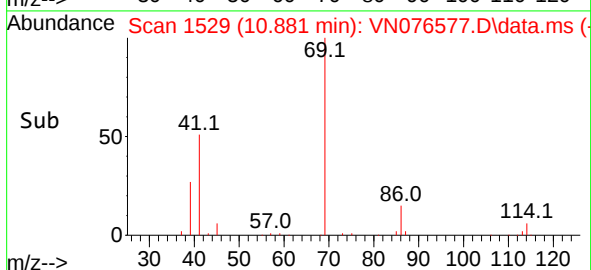
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

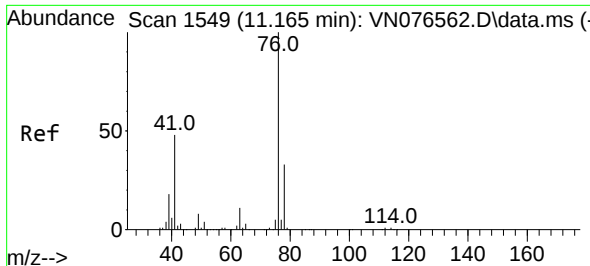


#56
Ethyl methacrylate
Concen: 21.090 ug/l
RT: 10.881 min Scan# 1529
Delta R.T. 0.004 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09



Tgt Ion: 69 Resp: 198296
Ion Ratio Lower Upper
69 100
41 53.4 43.5 65.3
39 28.4 21.3 31.9





#57

1,3-Dichloropropane

Concen: 20.244 ug/l

RT: 11.169 min Scan# 11

Delta R.T. 0.004 min

Lab File: VN076577.D

Acq: 08 Feb 2023 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0208WBSD01

Tgt Ion: 76 Resp: 230208

Ion Ratio Lower Upper

76 100

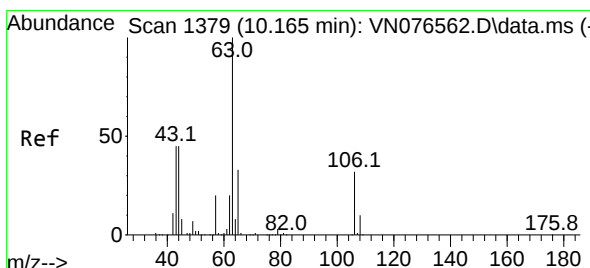
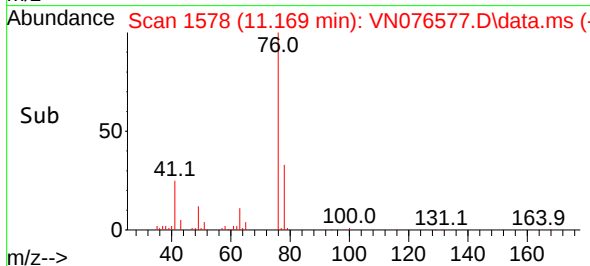
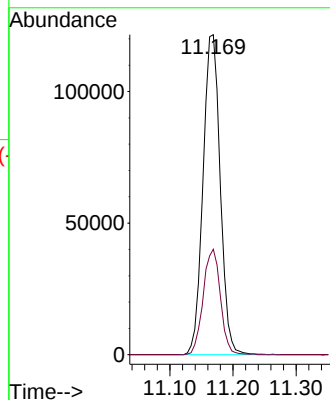
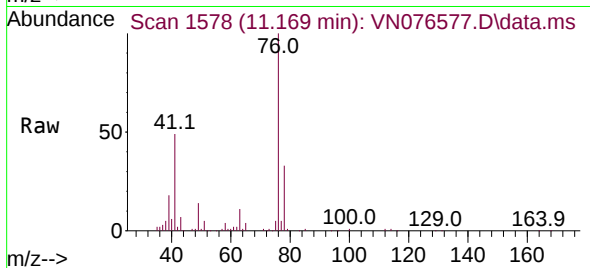
78 33.0 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#58

2-Chloroethyl Vinyl ether

Concen: 96.028 ug/l

RT: 10.163 min Scan# 1407

Delta R.T. -0.002 min

Lab File: VN076577.D

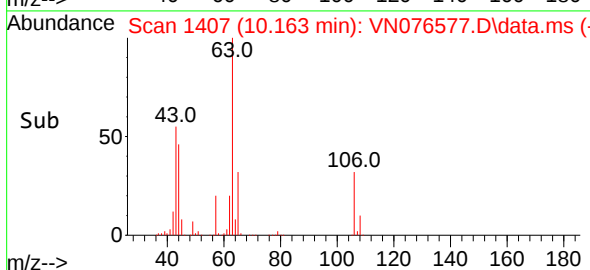
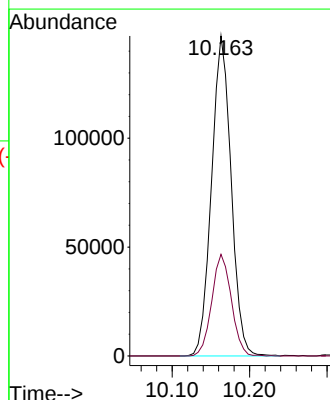
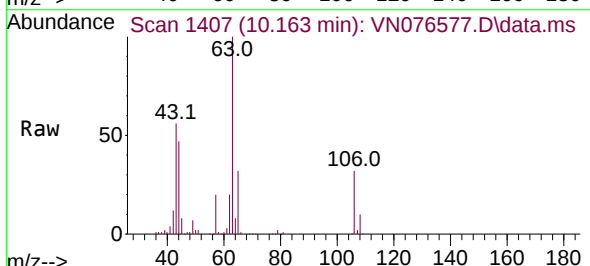
Acq: 08 Feb 2023 14:09

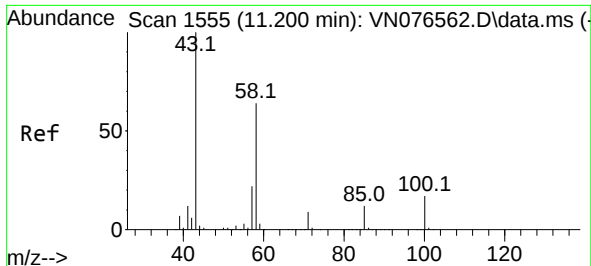
Tgt Ion: 63 Resp: 258021

Ion Ratio Lower Upper

63 100

106 31.7 25.6 38.4





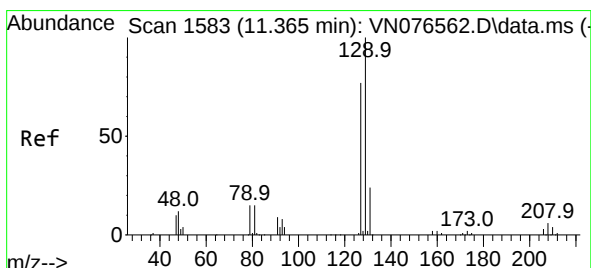
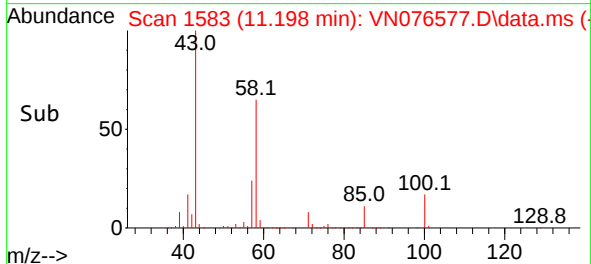
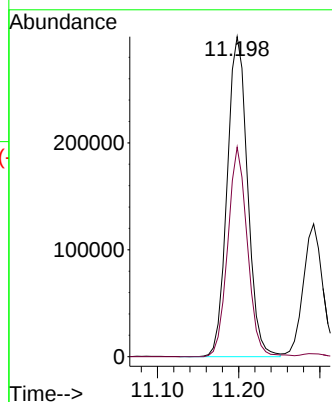
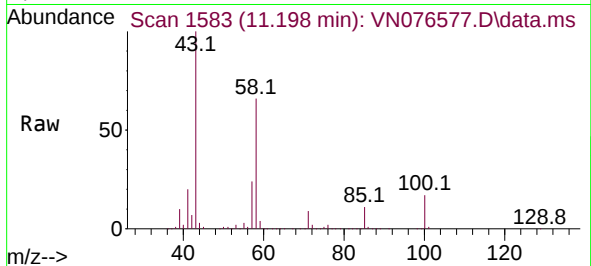
#59
2-Hexanone
Concen: 106.605 ug/l
RT: 11.198 min Scan# 1111
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01

Tgt Ion: 43 Resp: 522112
Ion Ratio Lower Upper
43 100
58 63.0 31.8 95.4

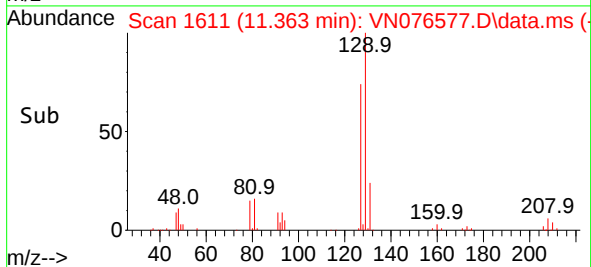
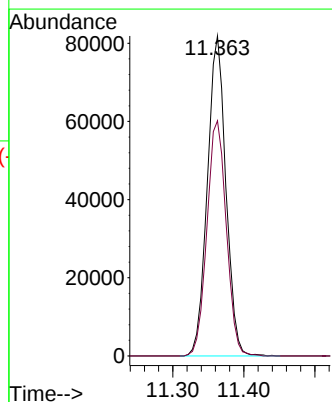
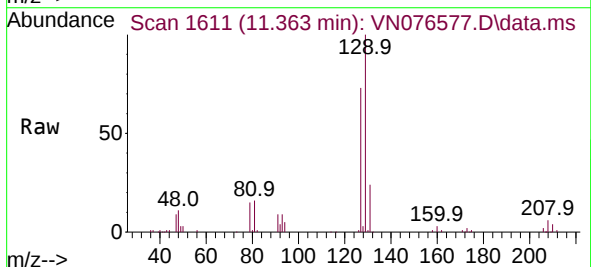
Manual Integrations
APPROVED

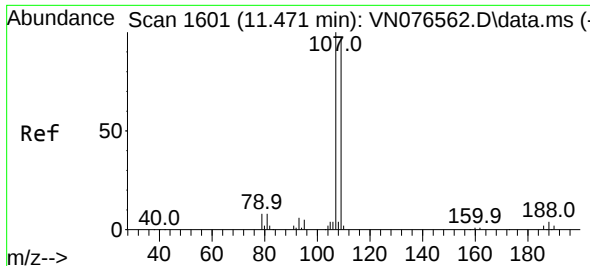
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#60
Dibromochloromethane
Concen: 20.039 ug/l
RT: 11.363 min Scan# 1611
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Tgt Ion:129 Resp: 148363
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.7





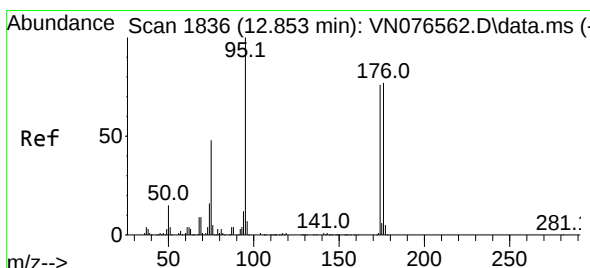
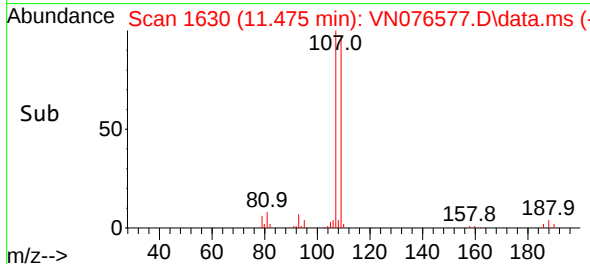
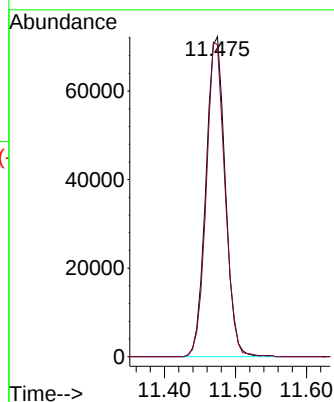
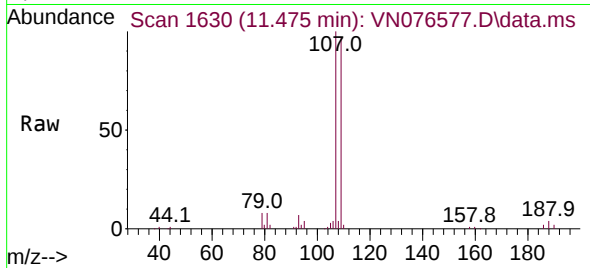
#61
1,2-Dibromoethane
Concen: 19.628 ug/l
RT: 11.475 min Scan# 1601
Delta R.T. 0.004 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01

Tgt Ion:107 Resp: 13649
Ion Ratio Lower Upper
107 100
109 95.8 75.4 113.0

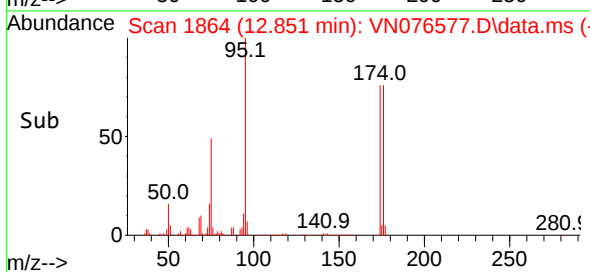
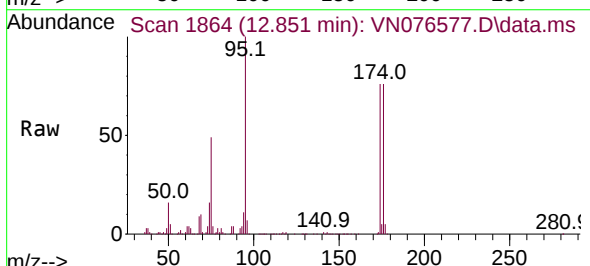
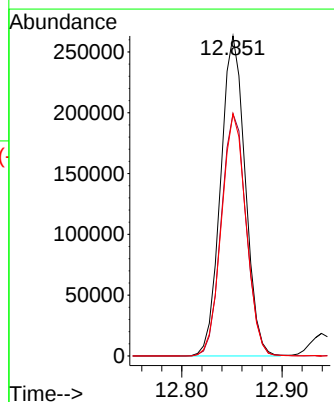
Manual Integrations
APPROVED

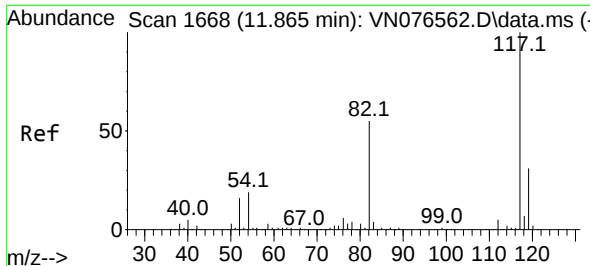
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#62
4-Bromofluorobenzene
Concen: 52.455 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

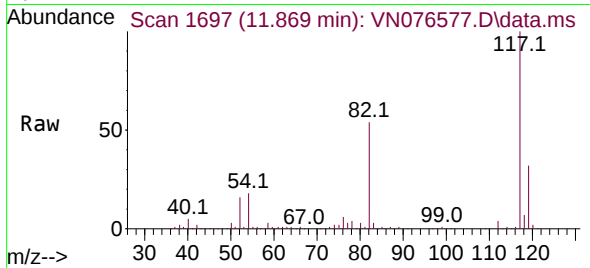
Tgt Ion: 95 Resp: 446451
Ion Ratio Lower Upper
95 100
174 76.6 0.0 154.0
176 75.8 0.0 152.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.869 min Scan# 117
Delta R.T. 0.004 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

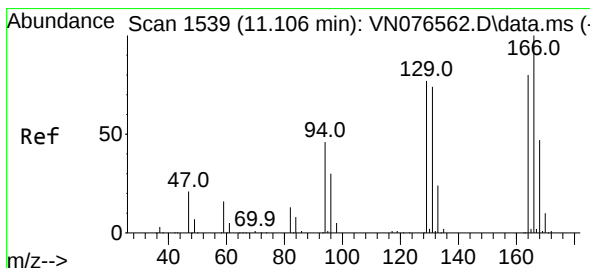
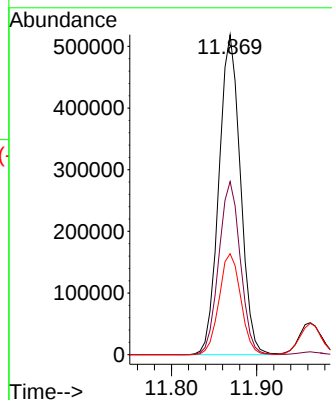
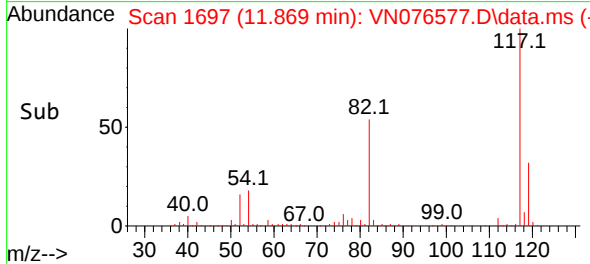
Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01



Tgt Ion:117 Resp: 90916
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.4
119 31.6 25.1 37.7

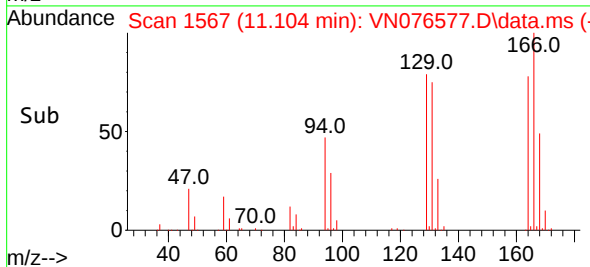
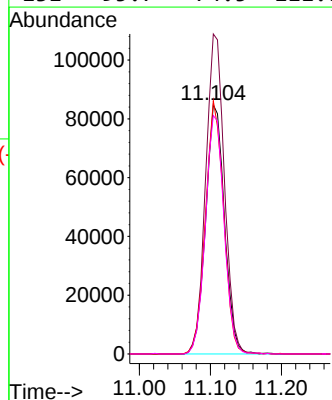
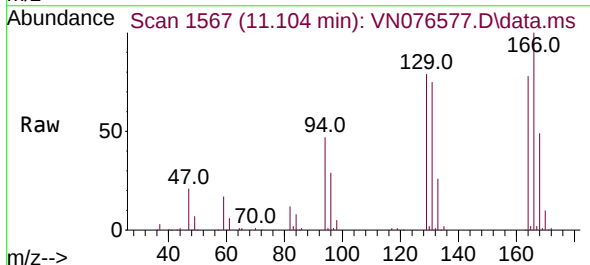
Manual Integrations
APPROVED

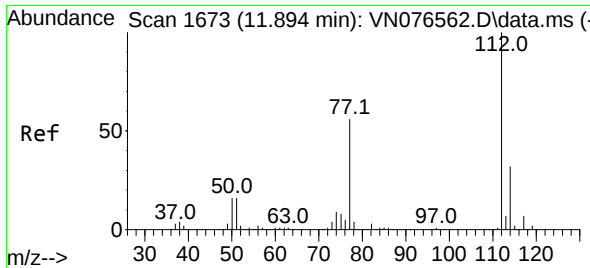
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#64
Tetrachloroethene
Concen: 20.639 ug/l
RT: 11.104 min Scan# 1567
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Tgt Ion:164 Resp: 156248
Ion Ratio Lower Upper
164 100
166 128.5 100.2 150.4
129 101.6 76.8 115.2
131 95.7 74.5 111.7





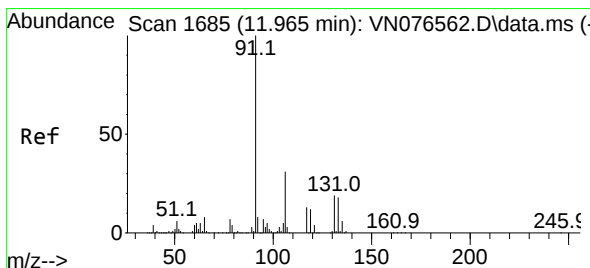
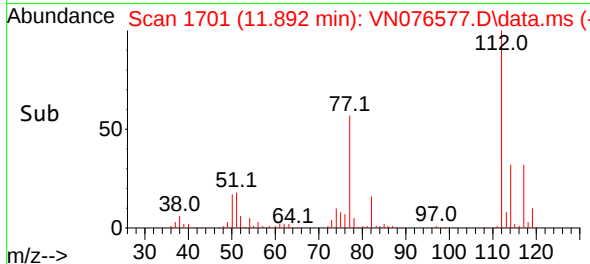
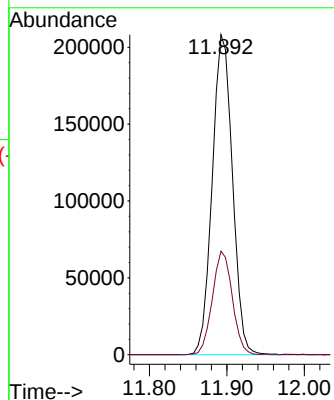
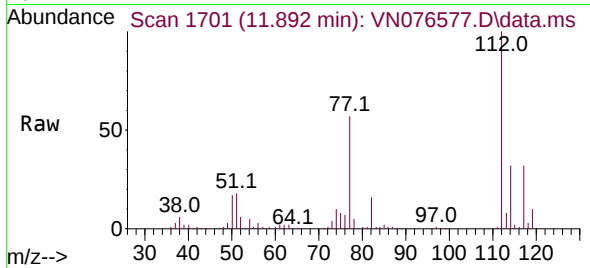
#65
Chlorobenzene
Concen: 20.049 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01

Tgt Ion:112 Resp: 37695
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9

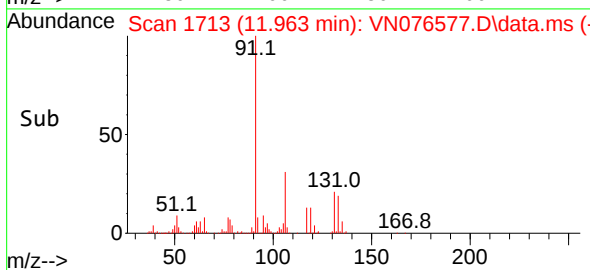
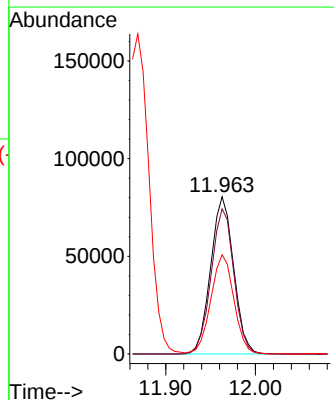
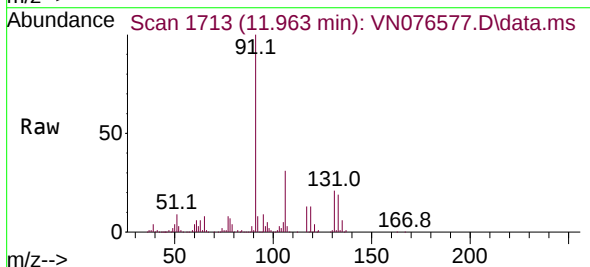
Manual Integrations
APPROVED

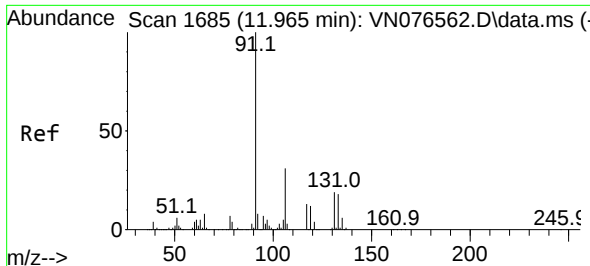
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.483 ug/l
RT: 11.963 min Scan# 1713
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

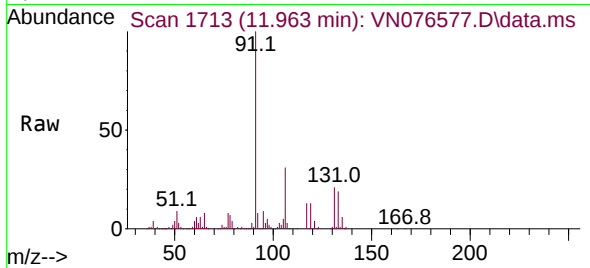
Tgt Ion:131 Resp: 142610
Ion Ratio Lower Upper
131 100
133 91.9 48.0 144.2
119 63.5 32.4 97.0





#67
Ethyl Benzene
Concen: 20.311 ug/l
RT: 11.963 min Scan# 1713
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

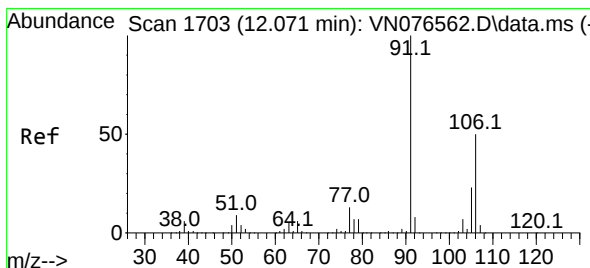
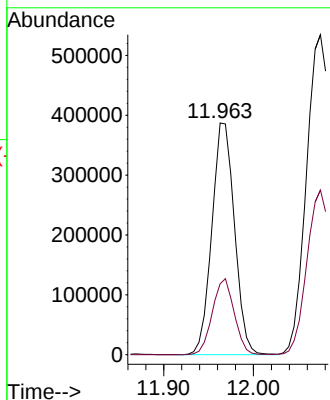
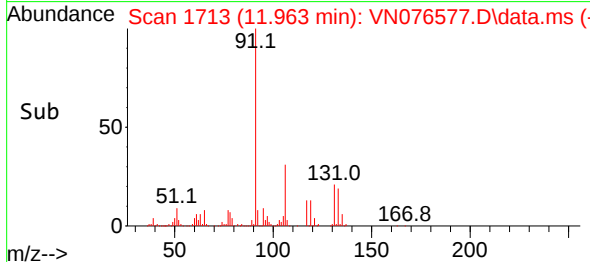
Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01



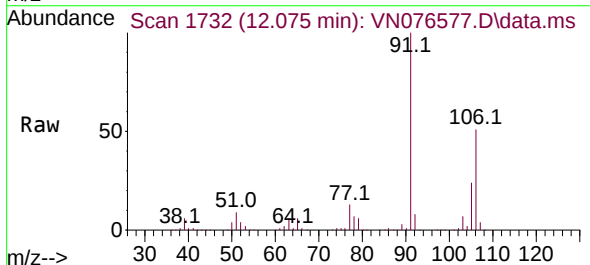
Tgt Ion: 91 Resp: 67866
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

Manual Integrations
APPROVED

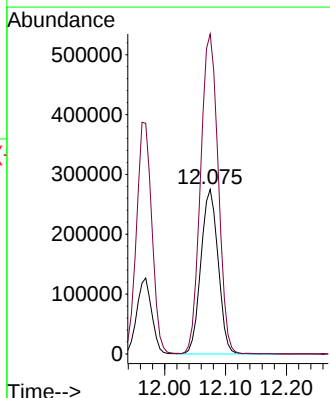
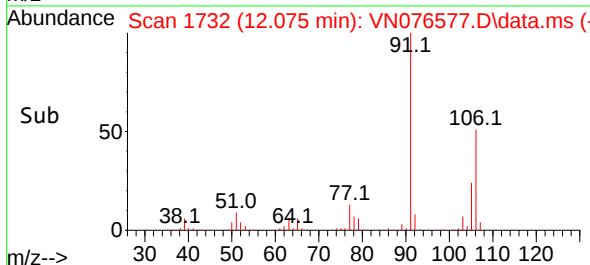
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

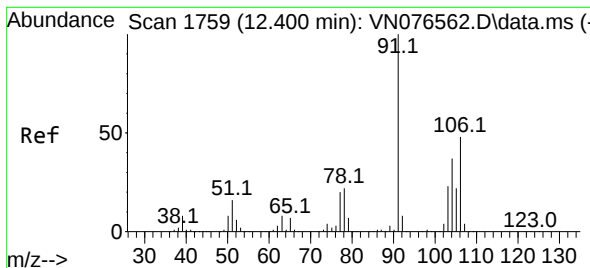


#68
m/p-Xylenes
Concen: 41.542 ug/l
RT: 12.075 min Scan# 1732
Delta R.T. 0.004 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09



Tgt Ion:106 Resp: 540807
Ion Ratio Lower Upper
106 100
91 199.0 160.2 240.4





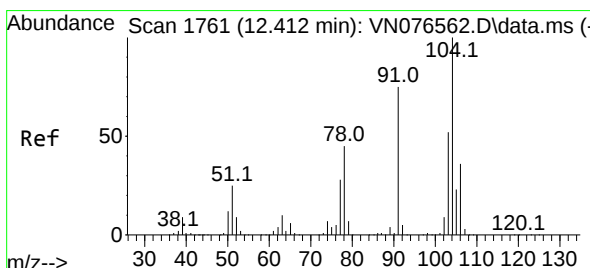
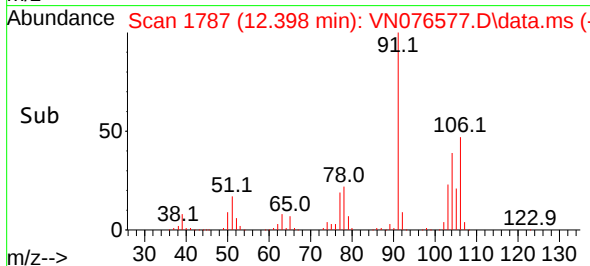
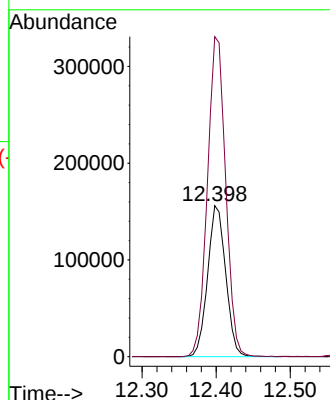
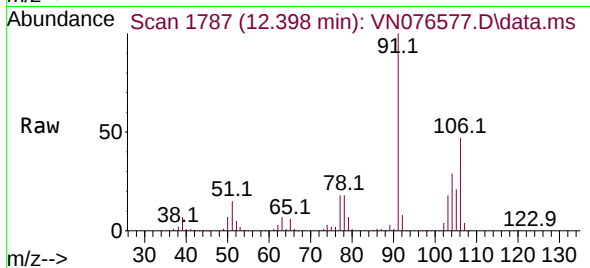
#69
o-Xylene
Concen: 20.769 ug/l
RT: 12.398 min Scan# 1790
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01

Tgt Ion:106 Resp: 264760
Ion Ratio Lower Upper
106 100
91 213.6 106.2 318.5

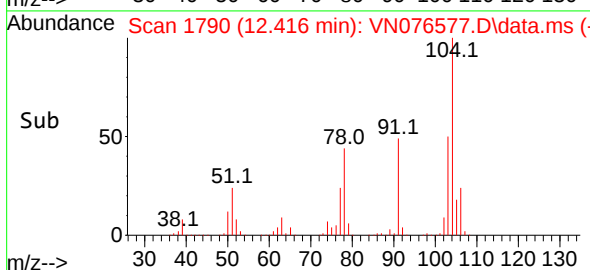
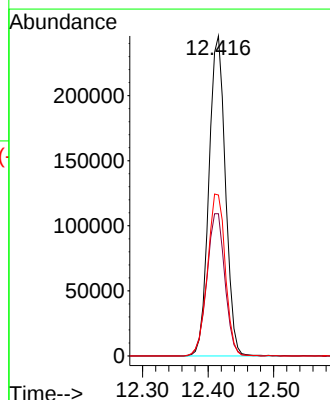
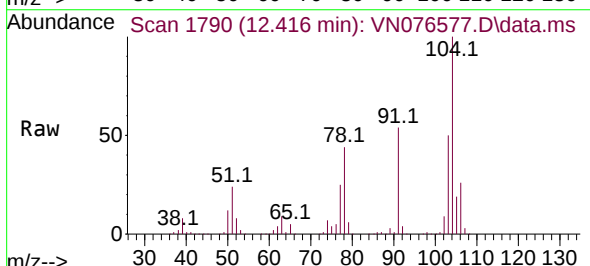
Manual Integrations
APPROVED

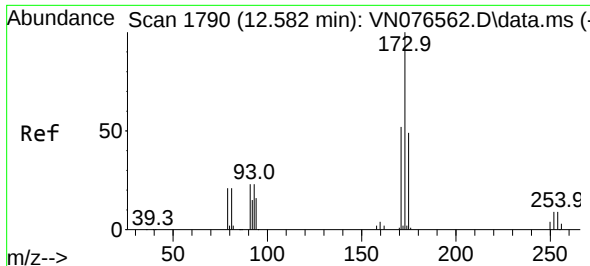
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#70
Styrene
Concen: 21.206 ug/l
RT: 12.416 min Scan# 1790
Delta R.T. 0.004 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

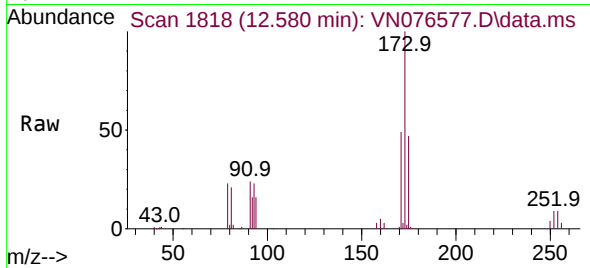
Tgt Ion:104 Resp: 429970
Ion Ratio Lower Upper
104 100
78 48.5 38.2 57.4
103 54.6 43.7 65.5





#71
Bromoform
Concen: 20.784 ug/l
RT: 12.580 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

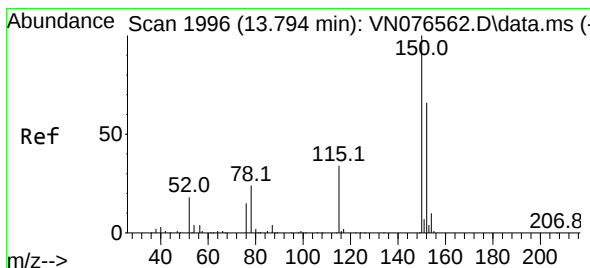
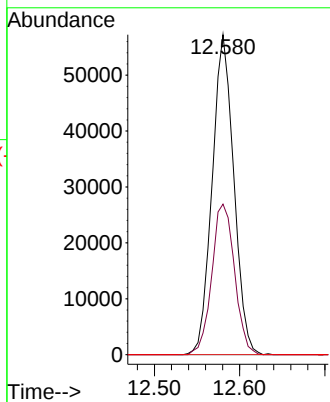
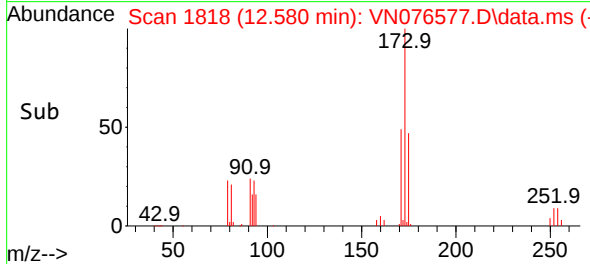
Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01



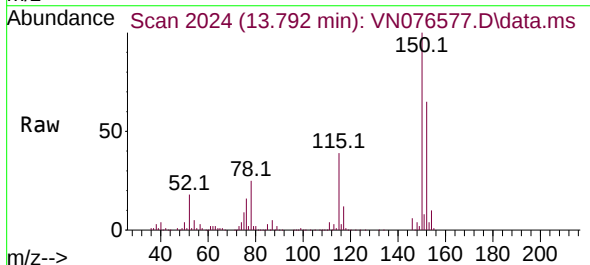
Tgt Ion:173 Resp: 101009
Ion Ratio Lower Upper
173 100
175 49.4 24.8 74.3
254 0.0 0.1 0.1

Manual Integrations
APPROVED

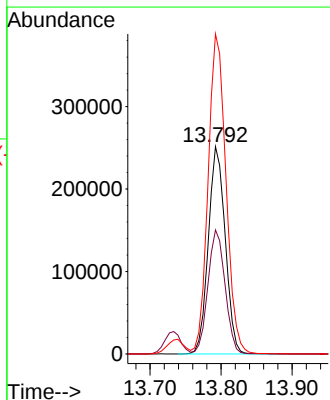
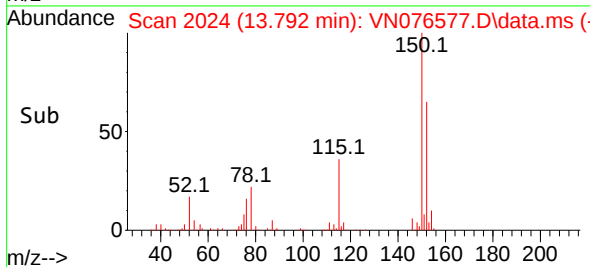
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

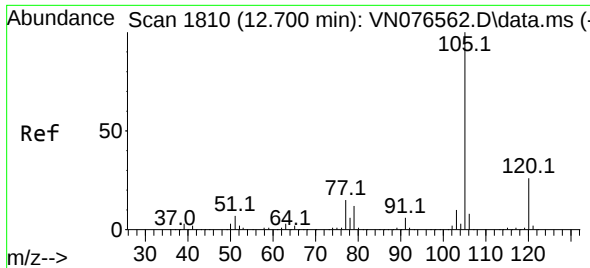


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.792 min Scan# 2024
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09



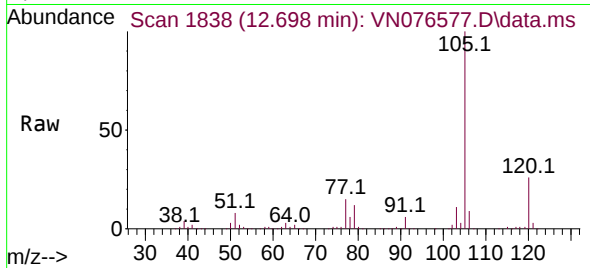
Tgt Ion:152 Resp: 415880
Ion Ratio Lower Upper
152 100
115 60.4 30.8 92.3
150 162.7 0.0 348.8





#73
Isopropylbenzene
Concen: 20.145 ug/l
RT: 12.698 min Scan# 1804
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

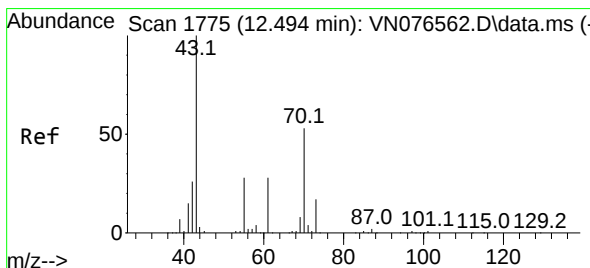
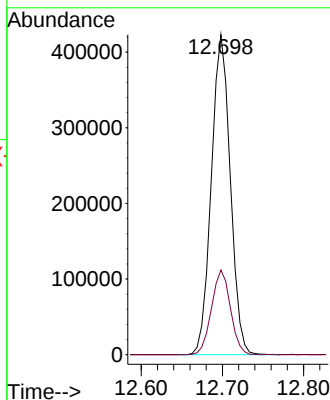
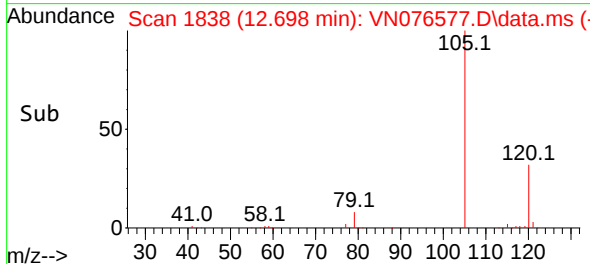
Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01



Tgt Ion:105 Resp: 686150
Ion Ratio Lower Upper
105 100
120 26.4 13.0 39.0

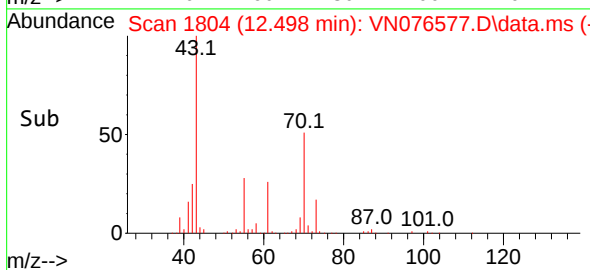
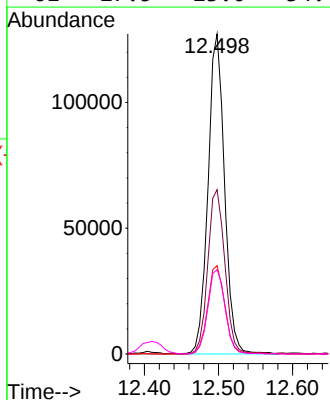
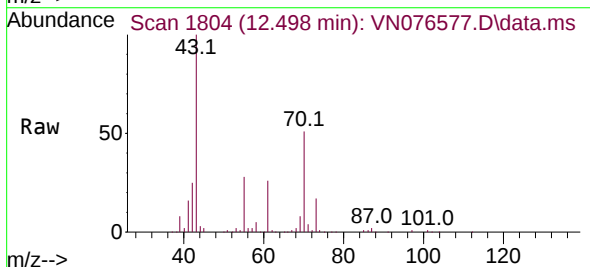
Manual Integrations
APPROVED

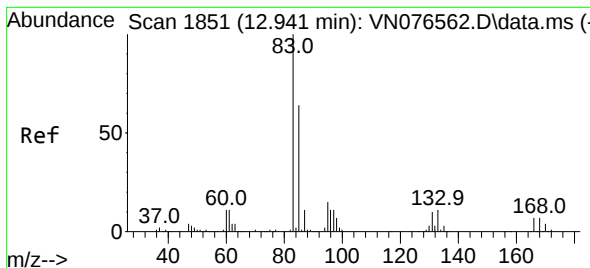
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#74
N-ethyl acetate
Concen: 20.796 ug/l
RT: 12.498 min Scan# 1804
Delta R.T. 0.004 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Tgt Ion: 43 Resp: 197524
Ion Ratio Lower Upper
43 100
70 53.0 43.1 64.7
55 28.6 22.4 33.6
61 27.5 23.0 34.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.076 ug/l

RT: 12.939 min Scan# 1879

Delta R.T. -0.002 min

Lab File: VN076577.D

Acq: 08 Feb 2023 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0208WBSD01

Tgt Ion: 83 Resp: 187418

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

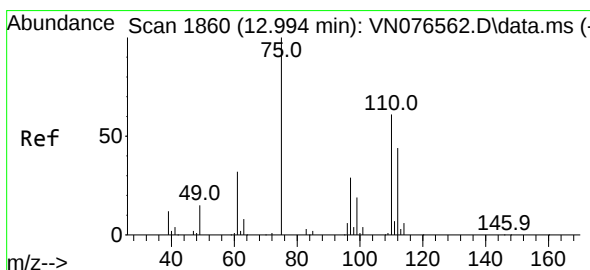
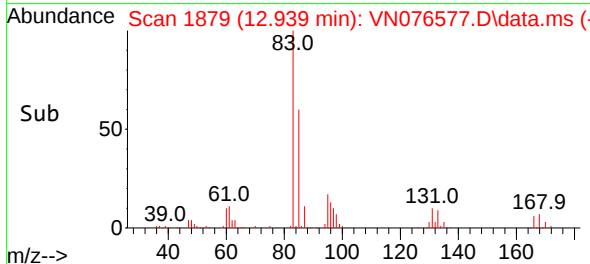
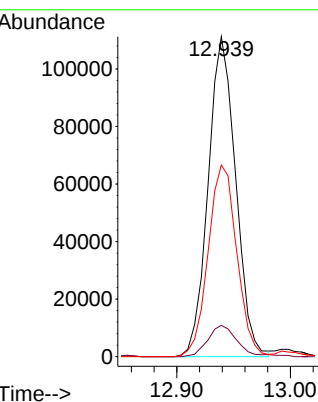
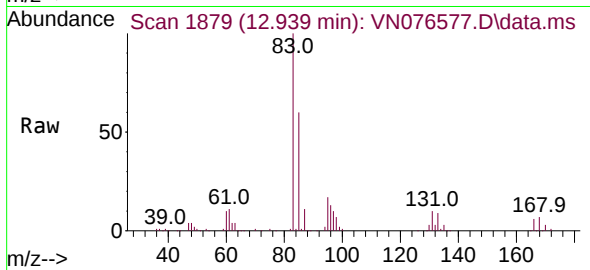
85 62.2 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#76

1,2,3-Trichloropropane

Concen: 20.220 ug/l m

RT: 12.998 min Scan# 1889

Delta R.T. 0.004 min

Lab File: VN076577.D

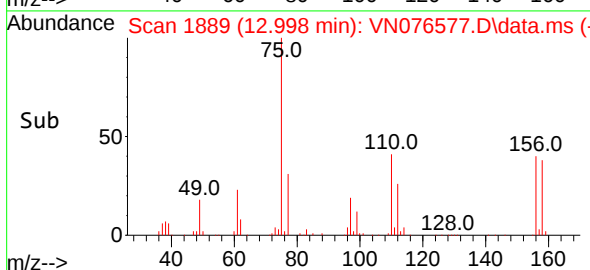
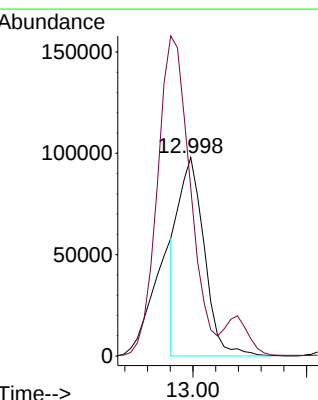
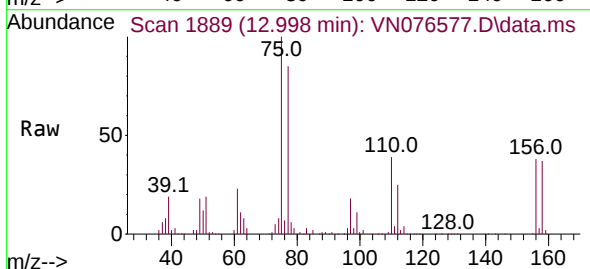
Acq: 08 Feb 2023 14:09

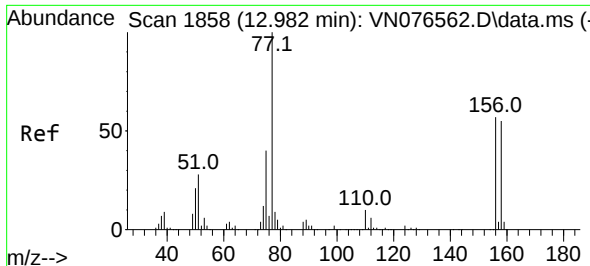
Tgt Ion: 75 Resp: 156893

Ion Ratio Lower Upper

75 100

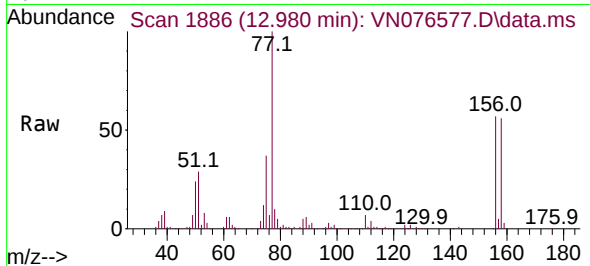
77 201.8 87.5 262.5





#77
Bromobenzene
Concen: 19.946 ug/l
RT: 12.980 min Scan# 1858
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

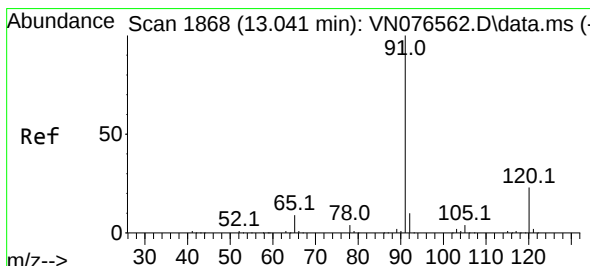
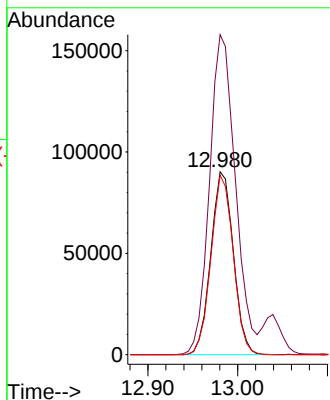
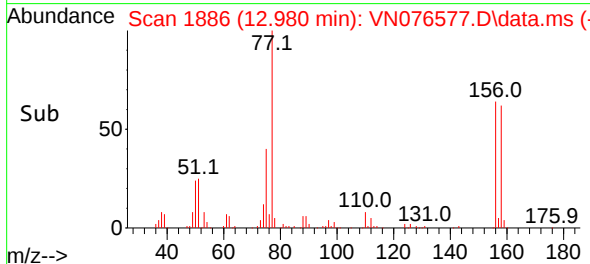
Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01



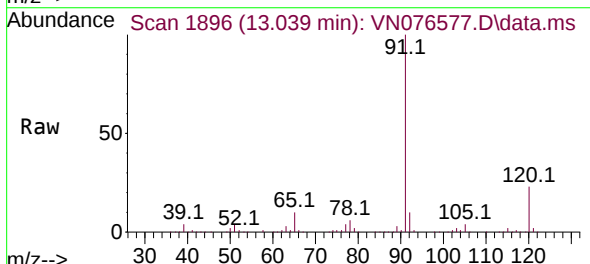
Tgt Ion:156 Resp: 158020
Ion Ratio Lower Upper
156 100
77 200.4 101.6 304.9
158 96.3 48.9 146.7

Manual Integrations
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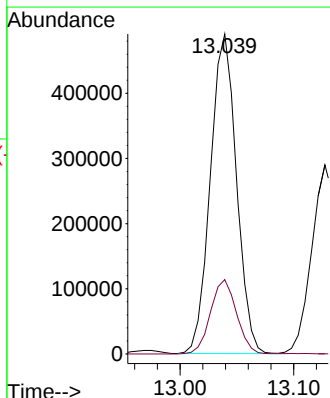
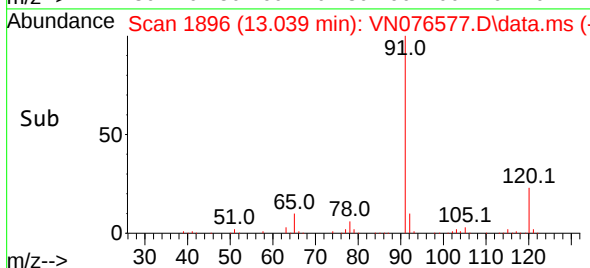
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

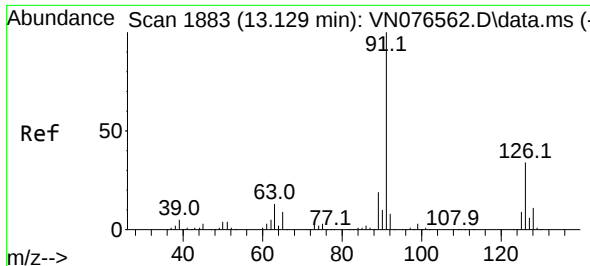


#78
n-propylbenzene
Concen: 20.873 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09



Tgt Ion: 91 Resp: 782812
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8





#79

2-Chlorotoluene

Concen: 20.082 ug/l

RT: 13.127 min Scan# 1883

Delta R.T. -0.002 min

Lab File: VN076577.D

Acq: 08 Feb 2023 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0208WBSD01

Tgt Ion: 91 Resp: 479764

Ion Ratio Lower Upper

91 100

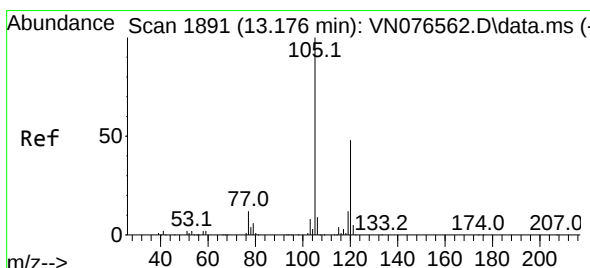
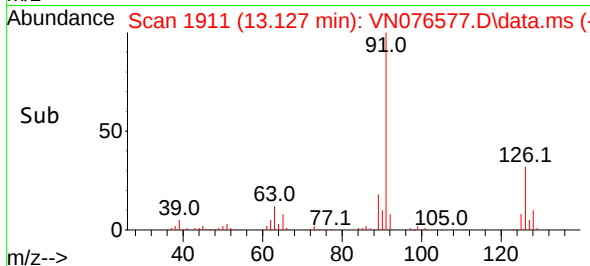
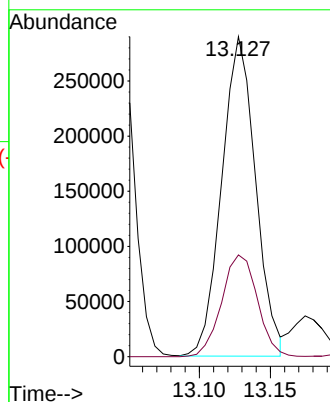
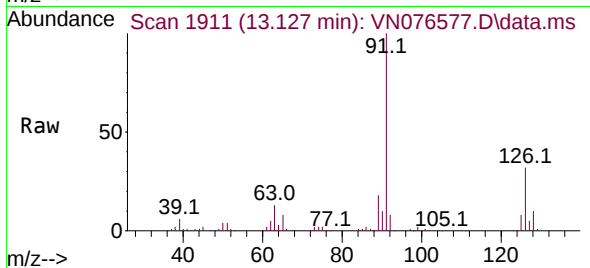
126 33.6 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#80

1,3,5-Trimethylbenzene

Concen: 21.088 ug/l

RT: 13.175 min Scan# 1919

Delta R.T. -0.001 min

Lab File: VN076577.D

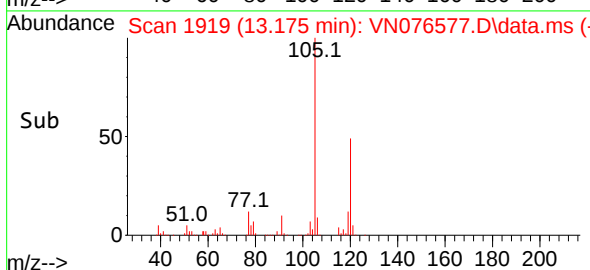
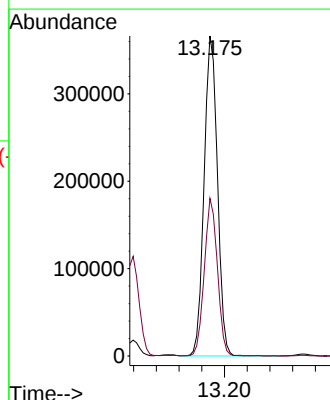
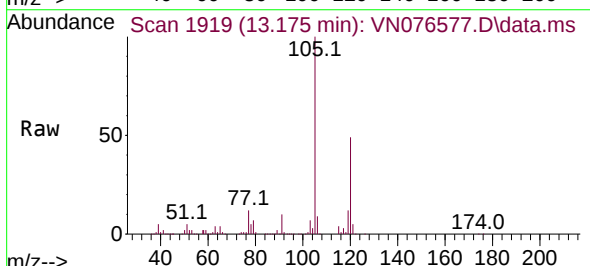
Acq: 08 Feb 2023 14:09

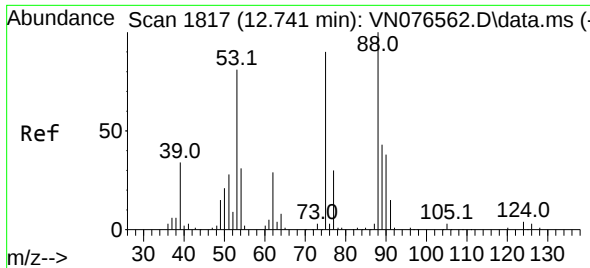
Tgt Ion:105 Resp: 596103

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.9





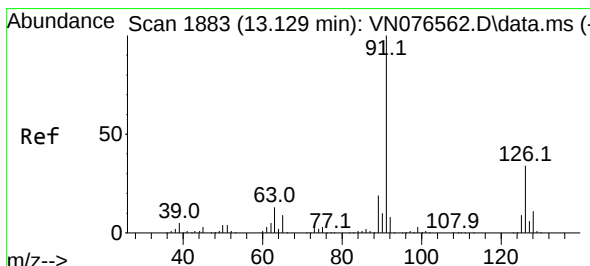
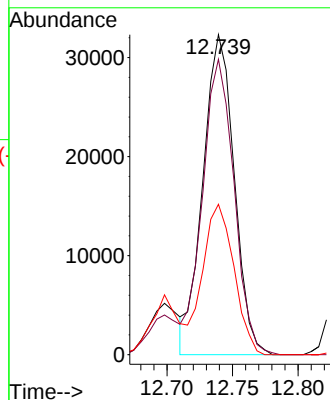
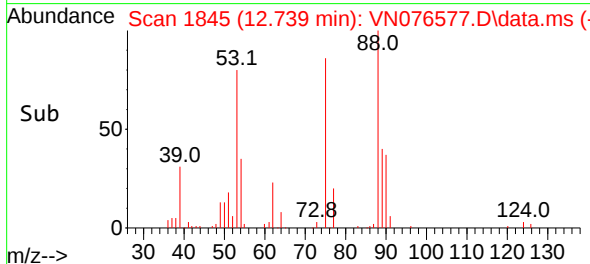
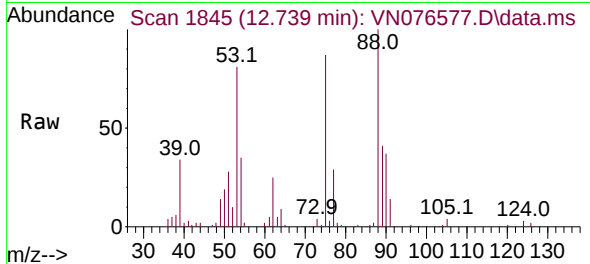
#81
trans-1,4-Dichloro-2-butene
Concen: 21.249 ug/l
RT: 12.739 min Scan# 1817
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01

Tgt Ion: 75 Resp: 53694
Ion Ratio Lower Upper
75 100
53 93.4 77.1 115.7
89 46.3 41.5 62.3

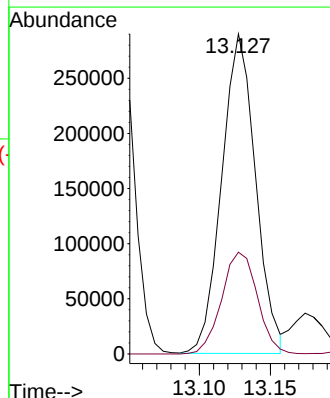
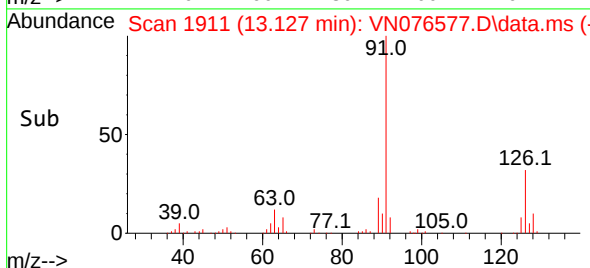
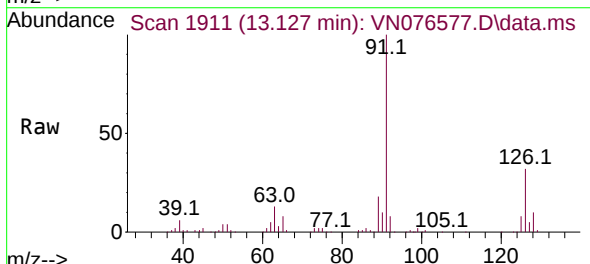
Manual Integrations
APPROVED

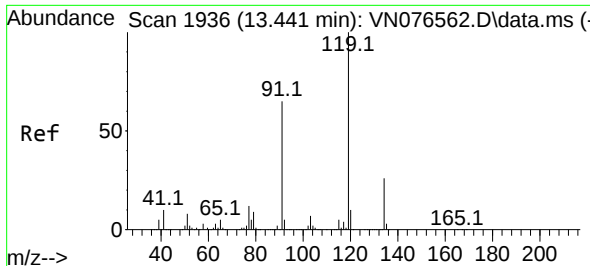
Reviewed By :John Carbone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#82
4-Chlorotoluene
Concen: 20.082 ug/l
RT: 13.127 min Scan# 1911
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Tgt Ion: 91 Resp: 479764
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.3





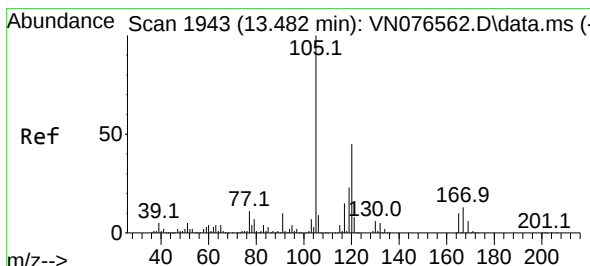
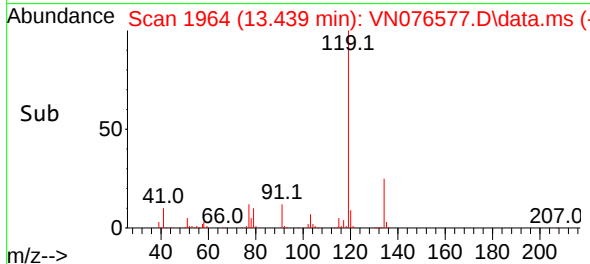
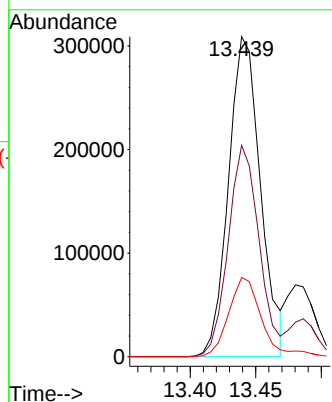
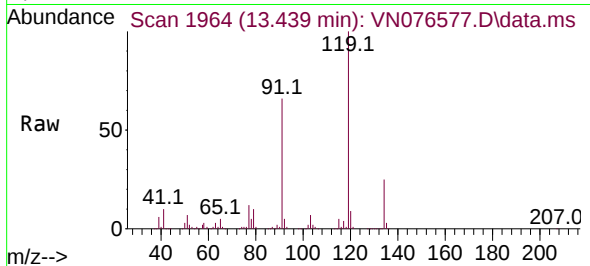
#83
tert-Butylbenzene
Concen: 20.733 ug/l
RT: 13.439 min Scan# 1936
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01

Tgt Ion:119 Resp: 524934
Ion Ratio Lower Upper
119 100
91 63.8 33.2 99.6
134 25.5 13.4 40.1

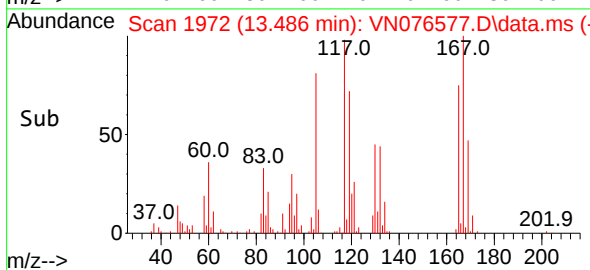
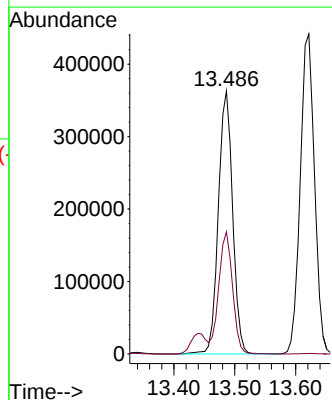
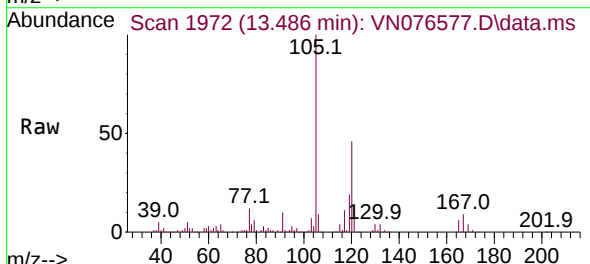
Manual Integrations
APPROVED

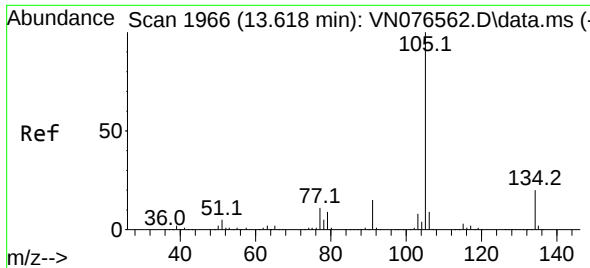
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.968 ug/l
RT: 13.486 min Scan# 1972
Delta R.T. 0.004 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Tgt Ion:105 Resp: 589848
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.8





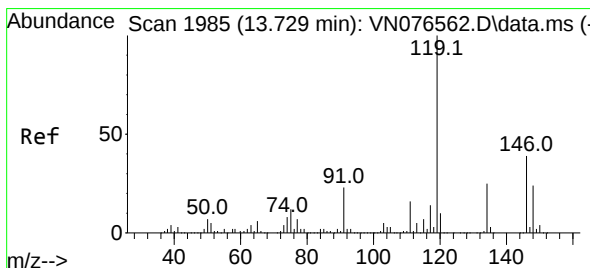
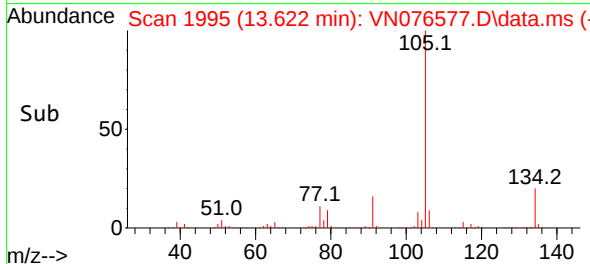
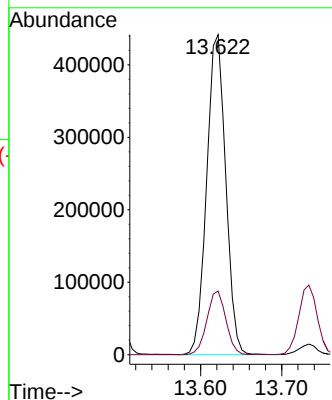
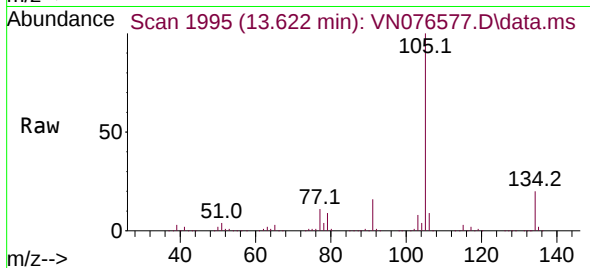
#85
 sec-Butylbenzene
 Concen: 21.047 ug/l
 RT: 13.622 min Scan# 1966
 Delta R.T. 0.004 min
 Lab File: VN076577.D
 Acq: 08 Feb 2023 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0208WBSD01

Tgt Ion:105 Resp: 718619
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1

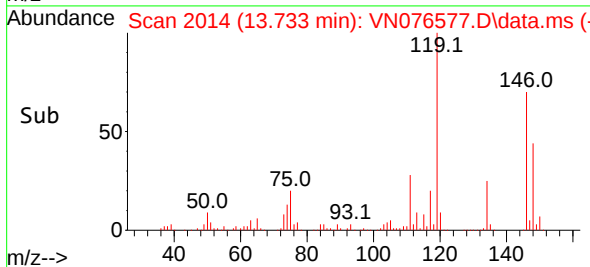
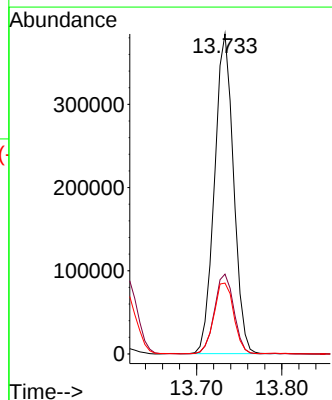
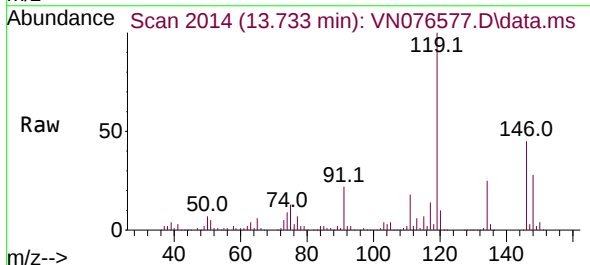
Manual Integrations
 APPROVED

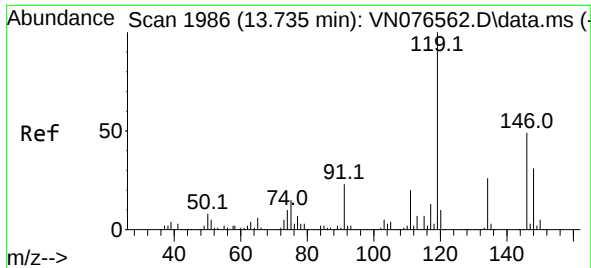
Reviewed By :John Carlone 02/09/2023
 Supervised By :Semsettin Yesilyurt 02/09/2023



#86
 p-Isopropyltoluene
 Concen: 21.314 ug/l
 RT: 13.733 min Scan# 2014
 Delta R.T. 0.004 min
 Lab File: VN076577.D
 Acq: 08 Feb 2023 14:09

Tgt Ion:119 Resp: 596358
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.4
 91 23.3 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 20.088 ug/l

RT: 13.733 min Scan# 20

Delta R.T. -0.002 min

Lab File: VN076577.D

Acq: 08 Feb 2023 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0208WBSD01

Tgt Ion:146 Resp: 29291

Ion Ratio Lower Upper

146 100

111 41.0 20.3 61.0

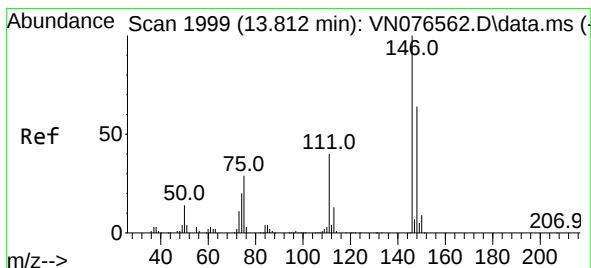
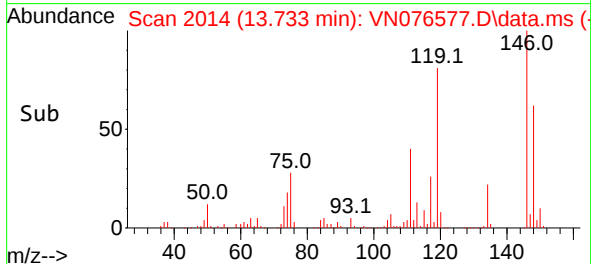
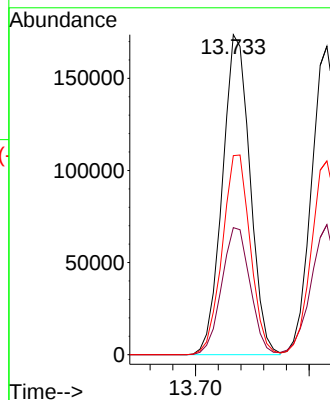
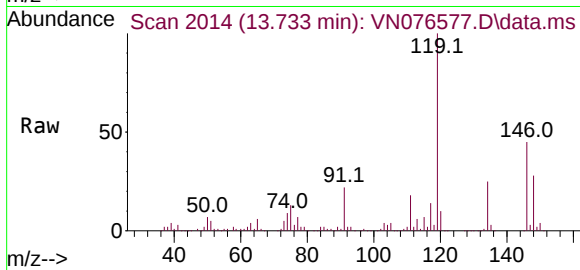
148 63.4 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#88

1,4-Dichlorobenzene

Concen: 19.283 ug/l

RT: 13.816 min Scan# 2028

Delta R.T. 0.004 min

Lab File: VN076577.D

Acq: 08 Feb 2023 14:09

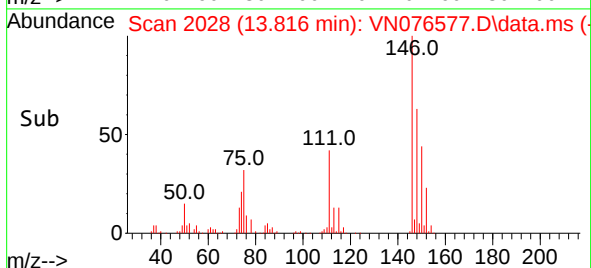
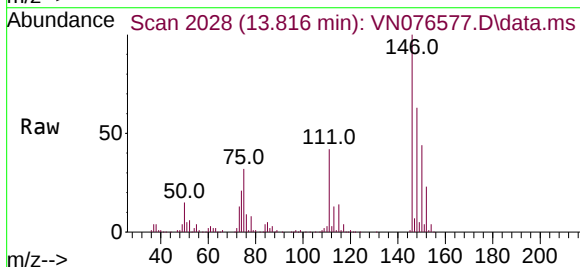
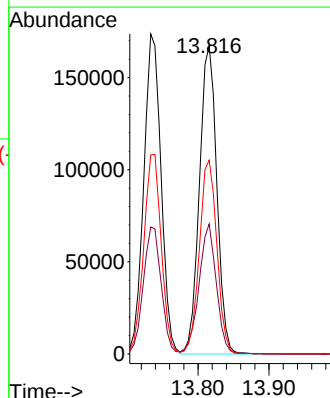
Tgt Ion:146 Resp: 285613

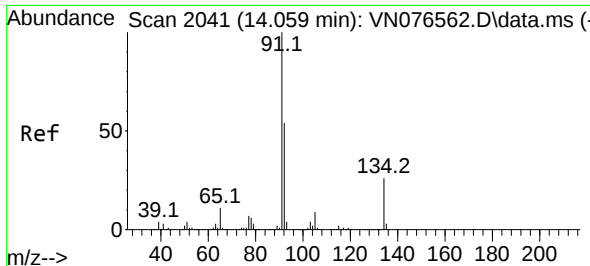
Ion Ratio Lower Upper

146 100

111 42.1 19.8 59.4

148 63.4 31.6 94.8





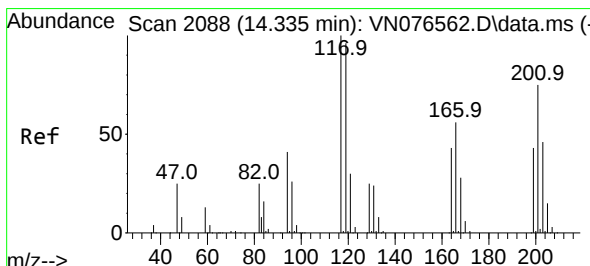
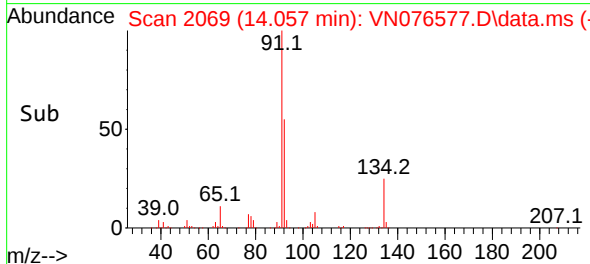
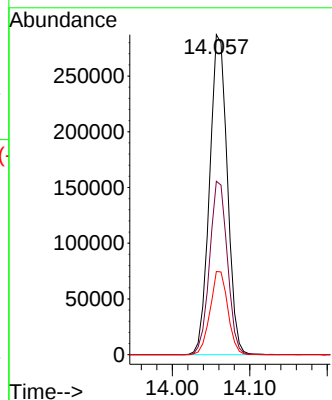
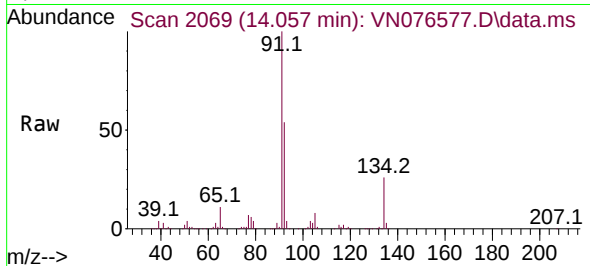
#89
n-Butylbenzene
Concen: 20.598 ug/l
RT: 14.057 min Scan# 2041
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01

Tgt Ion: 91 Resp: 45636
Ion Ratio Lower Upper
91 100
92 54.3 27.0 80.8
134 26.0 13.1 39.3

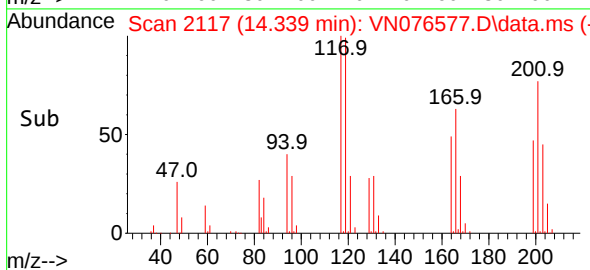
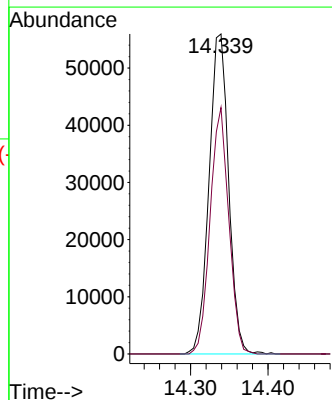
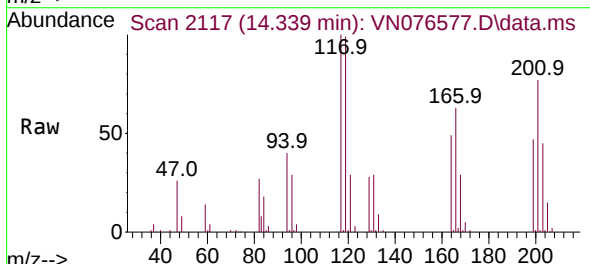
Manual Integrations
APPROVED

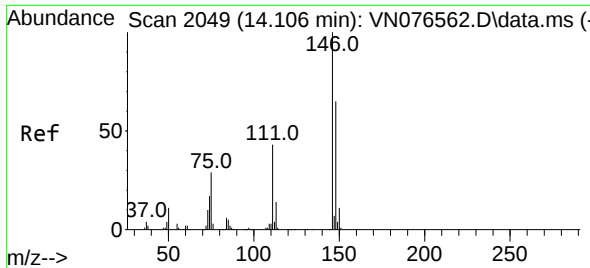
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#90
Hexachloroethane
Concen: 20.180 ug/l
RT: 14.339 min Scan# 2117
Delta R.T. 0.004 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

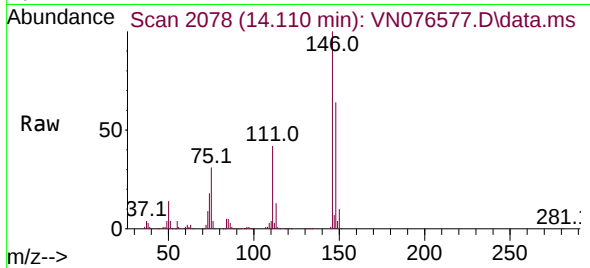
Tgt Ion:117 Resp: 98352
Ion Ratio Lower Upper
117 100
201 73.2 37.2 111.6





#91
1,2-Dichlorobenzene
Concen: 19.822 ug/l
RT: 14.110 min Scan# 2049
Delta R.T. 0.004 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09

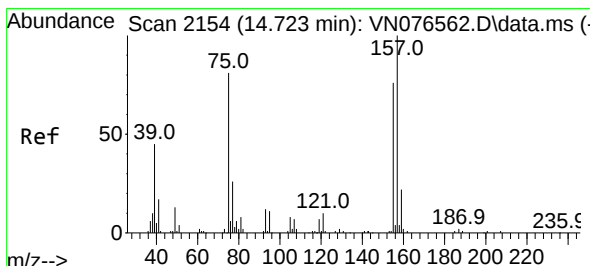
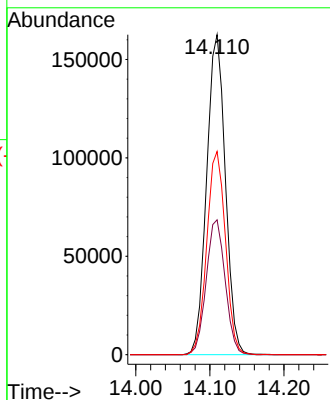
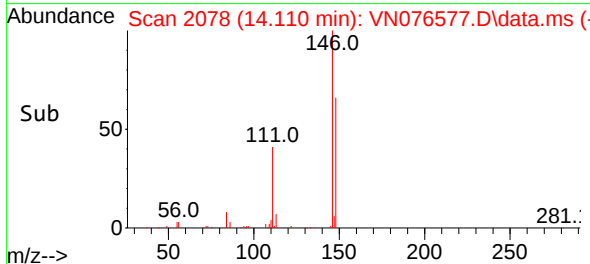
Instrument :
MSVOA_N
ClientSampleId :
VN0208WBSD01



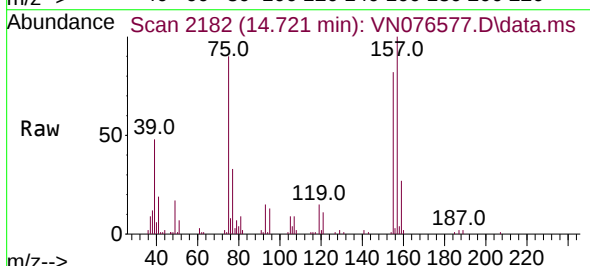
Tgt Ion:146 Resp: 284958
Ion Ratio Lower Upper
146 100
111 42.8 21.4 64.3
148 63.4 31.9 95.9

Manual Integrations
APPROVED

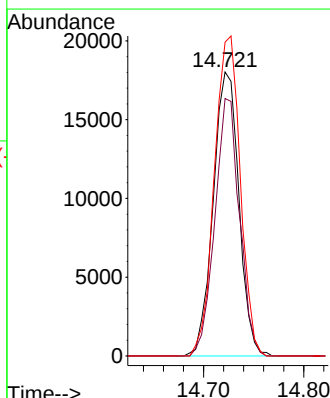
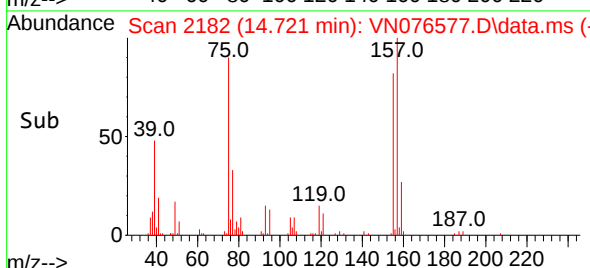
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

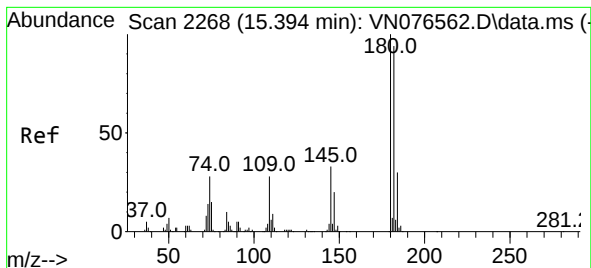


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.805 ug/l
RT: 14.721 min Scan# 2182
Delta R.T. -0.002 min
Lab File: VN076577.D
Acq: 08 Feb 2023 14:09



Tgt Ion: 75 Resp: 32000
Ion Ratio Lower Upper
75 100
155 87.1 44.8 134.4
157 113.5 58.4 175.1





#93

1,2,4-Trichlorobenzene

Concen: 19.100 ug/l

RT: 15.398 min Scan# 21

Delta R.T. 0.004 min

Lab File: VN076577.D

Acq: 08 Feb 2023 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0208WBSD01

Tgt Ion:180 Resp: 125819

Ion Ratio Lower Upper

180 100

182 94.3 47.4 142.2

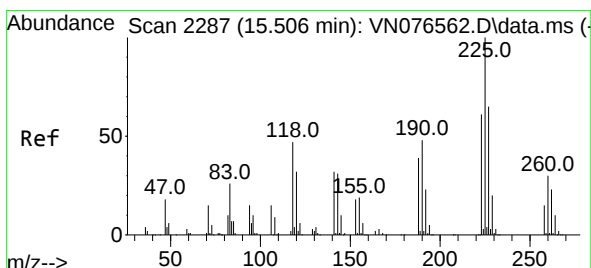
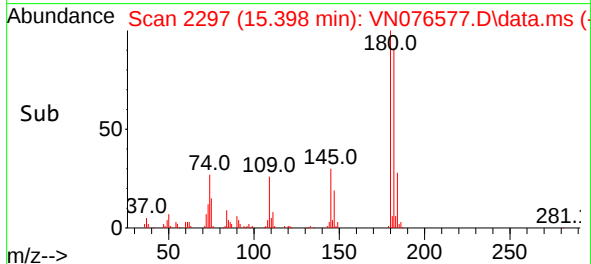
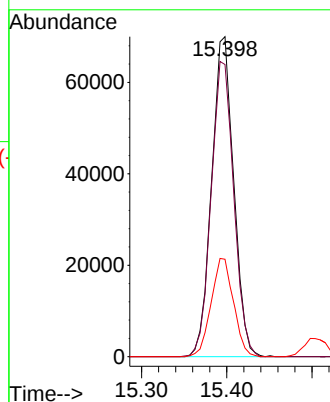
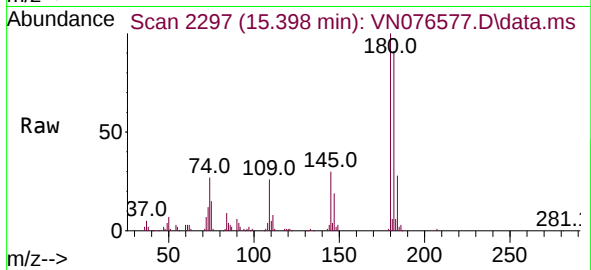
145 31.2 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#94

Hexachlorobutadiene

Concen: 19.906 ug/l

RT: 15.504 min Scan# 2315

Delta R.T. -0.002 min

Lab File: VN076577.D

Acq: 08 Feb 2023 14:09

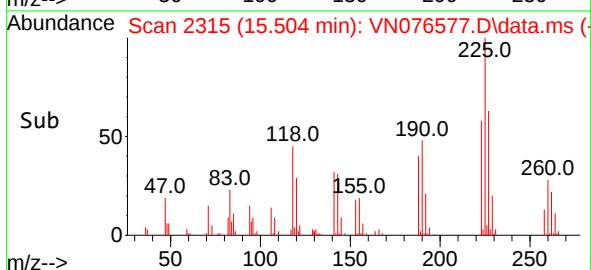
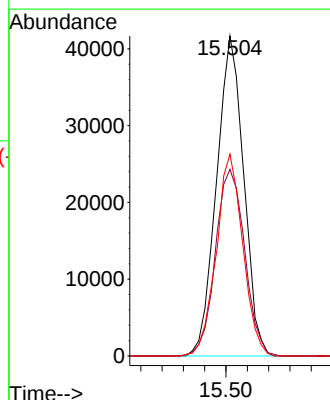
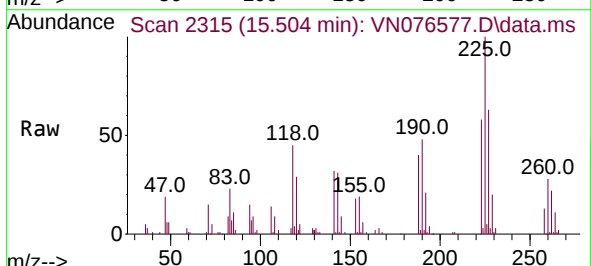
Tgt Ion:225 Resp: 73732

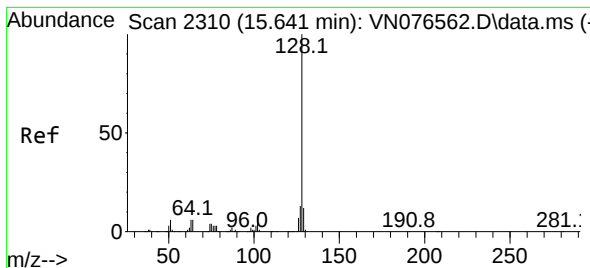
Ion Ratio Lower Upper

225 100

223 62.9 31.2 93.6

227 61.6 31.8 95.3





#95

Naphthalene

Concen: 18.518 ug/l

RT: 15.645 min Scan# 2310

Delta R.T. 0.004 min

Lab File: VN076577.D

Acq: 08 Feb 2023 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0208WBSD01

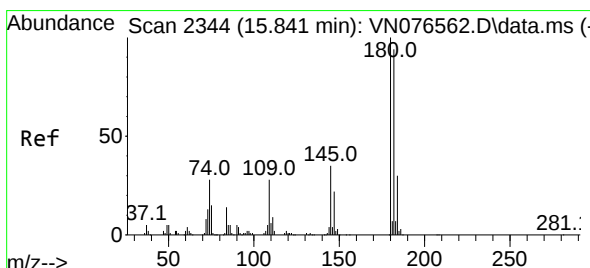
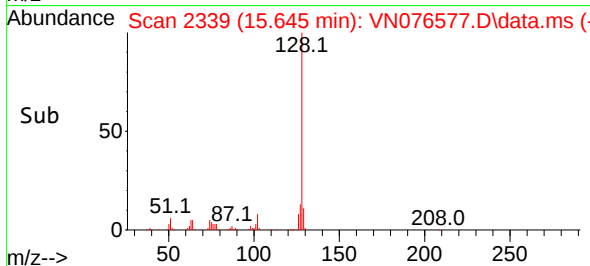
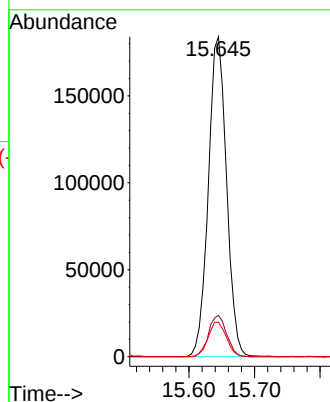
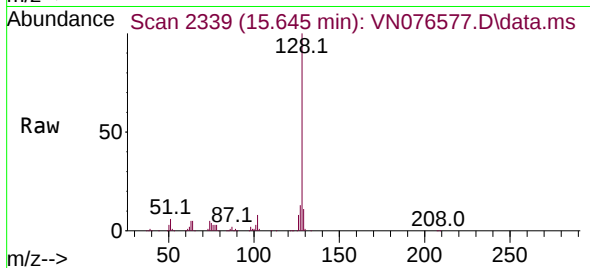
Tgt Ion:128 Resp: 354889
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.2 15.2
 129 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.312 ug/l

RT: 15.839 min Scan# 2372

Delta R.T. -0.002 min

Lab File: VN076577.D

Acq: 08 Feb 2023 14:09

Tgt Ion:180 Resp: 121828
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.4 142.2
 145 33.6 17.2 51.5

