

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020923\
 Data File : VN076592.D
 Acq On : 09 Feb 2023 16:39
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/10/2023
 Supervised By : Semsettin Yesilyurt 02/10/2023

Quant Time: Feb 10 05:12:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020923W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 10 05:08:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.822	128	15311	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.104	114	127831	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.869	117	93256	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.586	65	60454	33.500	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 111.667%#			
60) 4-Bromofluorobenzene	12.851	95	77208	36.672	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 122.233%#			
63) Toluene-d8	10.569	98	105555	30.827	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.767%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.140	85	12401	5.852	ug/l	95
3) Chloromethane	2.381	50	18284	7.175	ug/l	90
4) Vinyl Chloride	2.528	62	16428	7.384	ug/l	97
5) Bromomethane	2.963	94	8300	7.431	ug/l	94
6) Chloroethane	3.128	64	10441	7.203	ug/l	99
7) Trichlorofluoromethane	3.510	101	21025	5.565	ug/l	90
8) Diethyl Ether	3.969	74	5288m	4.413	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.393	101	8010m	4.405	ug/l	
10) 1,1-Dichloroethene	4.363	96	7775m	4.549	ug/l	
11) Methyl Iodide	4.604	142	10663m	4.291	ug/l	
12) Methyl Acetate	5.051	43	18978	5.292	ug/l	98
13) Acrolein	4.199	56	11784	25.654	ug/l	92
14) Acrylonitrile	5.740	53	26290m	25.021	ug/l	
15) Acetone	4.440	58	8339m	27.503	ug/l	
16) Carbon Disulfide	4.728	76	20399	4.343	ug/l	100
17) Allyl chloride	5.034	41	16050	4.872	ug/l	73
18) Methylene Chloride	5.281	84	9861	4.876	ug/l #	85
19) trans-1,2-Dichloroethene	5.810	96	7619m	4.338	ug/l	
20) Diisopropyl ether	6.687	45	43979	5.848	ug/l #	87
21) 1,1-Dichloroethane	6.581	63	24539	5.984	ug/l #	96
22) cis-1,2-Dichloroethene	7.492	96	9927	4.719	ug/l	93
23) tert-Butyl Alcohol	5.545	59	7447m	21.122	ug/l	
24) Methyl tert-Butyl Ether	5.810	73	24499m	3.979	ug/l	
25) Chloroform	7.975	83	22595	5.568	ug/l	87
26) Cyclohexane	8.275	56	21468	5.899	ug/l #	91
29) 1,1-Dichloropropene	8.375	75	14931	4.513	ug/l	64
30) 2-Butanone	7.487	43	38602	21.613	ug/l	94
31) 2,2-Dichloropropane	7.492	77	12810m	3.729	ug/l	
32) 1,1,1-Trichloroethane	8.175	97	18431	4.490	ug/l	94
33) Carbon Tetrachloride	8.369	117	15498	4.376	ug/l #	80
34) Benzene	8.616	78	57780	5.683	ug/l #	81
35) Methacrylonitrile	7.792	41	8944	4.355	ug/l	82
36) 1,2-Dichloroethane	8.669	62	17183	4.407	ug/l #	87
37) Trichloroethene	9.357	130	7420	3.565	ug/l	89
38) Methylcyclohexane	9.604	83	12221	3.337	ug/l	87
39) 1,2-Dichloropropane	9.628	63	9586	3.951	ug/l	98
40) Dibromomethane	9.710	93	6372	3.992	ug/l #	29
41) Bromodichloromethane	9.892	83	11409	3.400	ug/l	86
42) Vinyl Acetate	6.616	43	144785m	24.937	ug/l	

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 Sample : VSTDICC005
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 ALS Vial : 2 Sample Multiplier: 1

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 VSTDICC005

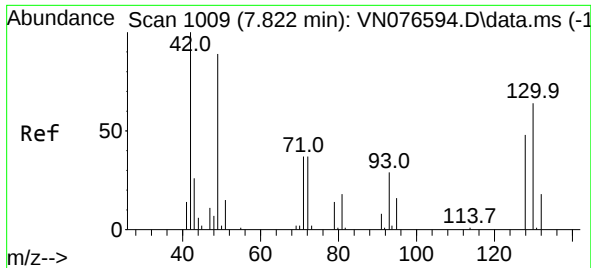
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Reviewed By : John Carlone 02/10/2023
 Supervised By : Semsettin Yesilyurt 02/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.569	43	16571	4.551	ug/l	95
44) Isopropyl Acetate	8.692	43	28868	4.819	ug/l	98
45) 1,4-Dioxane	9.698	88	3522	72.121	ug/l #	64
46) Methyl methacrylate	9.686	41	10740	3.718	ug/l	83
47) n-amyl Acetate	12.498	43	19065	3.744	ug/l	93
48) t-1,3-Dichloropropene	10.839	75	11133	3.295	ug/l	100
49) cis-1,3-Dichloropropene	10.316	75	13252	3.549	ug/l #	84
50) 1,1,2-Trichloroethane	11.022	97	8569	3.953	ug/l #	94
51) Ethyl methacrylate	10.875	69	10818	3.143	ug/l	87
52) 1,3-Dichloropropane	11.163	76	15737	3.895	ug/l	97
53) Dibromochloromethane	11.357	129	7091	3.148	ug/l	86
54) 1,2-Dibromoethane	11.474	107	7497	3.418	ug/l	97
55) 2-Chloroethyl vinyl ether	10.163	63	31149	19.812	ug/l	98
56) Bromoform	12.574	173	4278	2.949	ug/l #	72
58) 4-Methyl-2-Pentanone	10.451	43	71089	27.269	ug/l #	90
59) 2-Hexanone	11.198	43	49664	26.202	ug/l	92
61) Tetrachloroethene	11.110	164	5215	4.375	ug/l #	84
62) Toluene	10.633	91	36309	5.251	ug/l	98
64) Chlorobenzene	11.898	112	19924	4.974	ug/l	92
65) 1,1,1,2-Tetrachloroethane	11.957	131	7146	4.706	ug/l	95
66) Ethyl Benzene	11.969	91	36249	4.782	ug/l	96
67) m/p-Xylenes	12.074	106	27177	9.556	ug/l	97
68) o-Xylene	12.404	106	13328	4.757	ug/l	91
69) Styrene	12.416	104	19607	4.409	ug/l	96
70) Isopropylbenzene	12.704	105	38382	5.112	ug/l	95
71) 1,1,2,2-Tetrachloroethane	12.939	83	18690	7.140	ug/l	89
72) 1,2,3-Trichloropropane	12.998	75	17147m	7.193	ug/l	
73) Bromobenzene	12.980	156	12390	6.954	ug/l	100
74) n-propylbenzene	13.039	91	61857	6.423	ug/l	98
75) 2-Chlorotoluene	13.127	91	40007	6.604	ug/l	96
76) 1,3,5-Trimethylbenzene	13.174	105	45074	6.429	ug/l	98
77) t-1,4-Dichloro-2-butene	12.733	75	3970	5.505	ug/l	87
78) 4-Chlorotoluene	13.227	91	42469	6.973	ug/l	97
79) tert-butylbenzene	13.439	119	38010	6.387	ug/l	94
80) 1,2,4-Trimethylbenzene	13.486	105	43920	6.352	ug/l	94
81) sec-Butylbenzene	13.616	105	52655	6.319	ug/l	98
82) p-Isopropyltoluene	13.733	119	38583	5.762	ug/l	97
83) 1,3-Dichlorobenzene	13.739	146	20988	6.369	ug/l	94
84) 1,4-Dichlorobenzene	13.810	146	22512	6.847	ug/l	97
85) n-Butylbenzene	14.057	91	43883	7.058	ug/l	97
86) Hexachloroethane	14.333	117	8740	6.723	ug/l	99
87) 1,2-Dichlorobenzene	14.110	146	29272	8.092	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.715	75	2496m	4.678	ug/l	
89) 1,2,4-Trichlorobenzene	15.398	180	5944m	3.940	ug/l	
90) Hexachlorobutadiene	15.510	225	2613m	3.585	ug/l	
91) Naphthalene	15.645	128	19677	3.823	ug/l #	95
92) 1,2,3-Trichlorobenzene	15.845	180	6035	4.008	ug/l	98

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



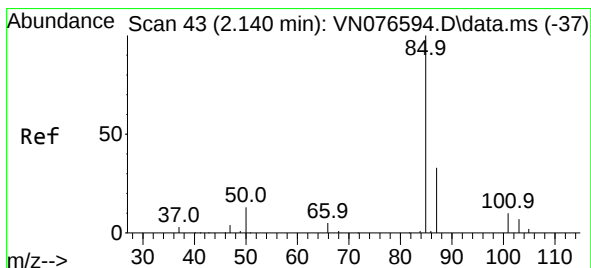
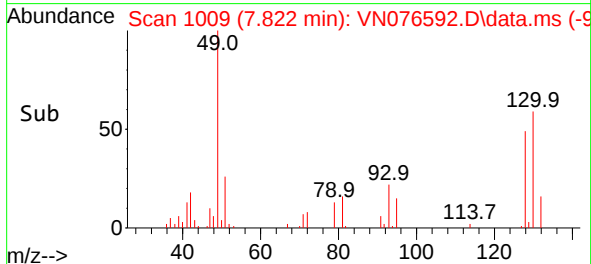
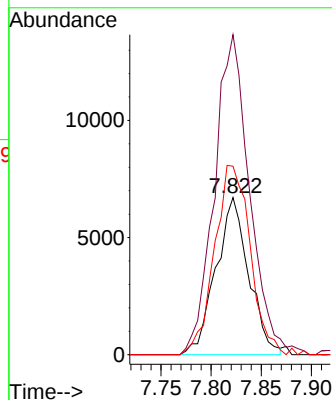
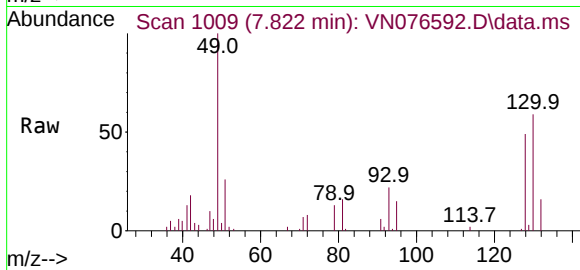
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.822 min Scan# 1009
Delta R.T. -0.008 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 1531
Ion Ratio Lower Upper
128 100
49 216.4 0.0 492.0
130 130.5 0.0 313.3

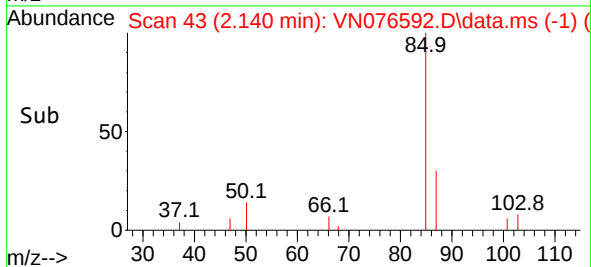
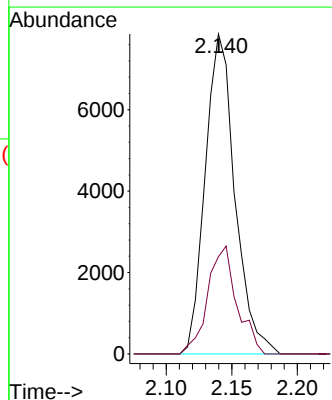
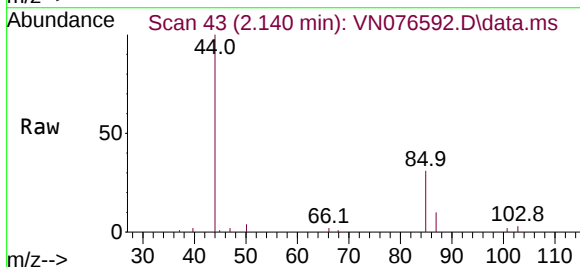
Manual Integrations
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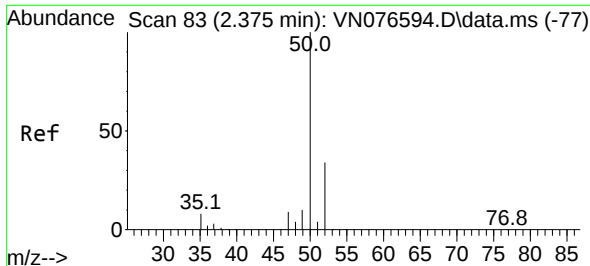
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#2
Dichlorodifluoromethane
Concen: 5.852 ug/l
RT: 2.140 min Scan# 43
Delta R.T. -0.008 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Tgt Ion: 85 Resp: 12401
Ion Ratio Lower Upper
85 100
87 30.4 16.7 50.1





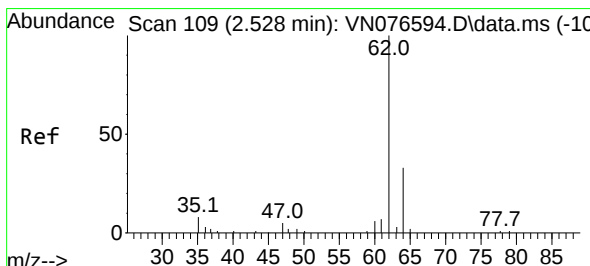
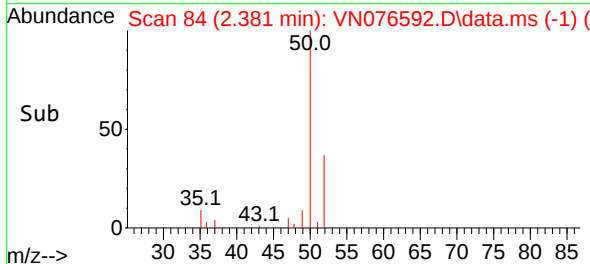
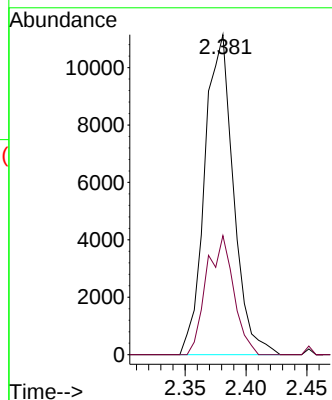
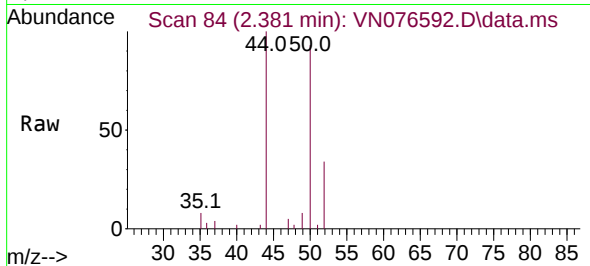
#3
Chloromethane
Concen: 7.175 ug/l
RT: 2.381 min Scan# 84
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 18284
Ion Ratio Lower Upper
50 100
52 37.2 25.5 38.3

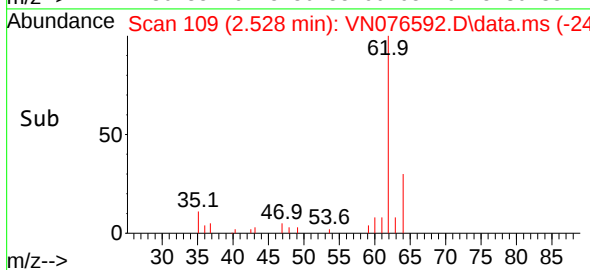
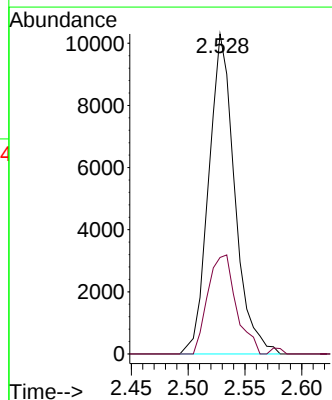
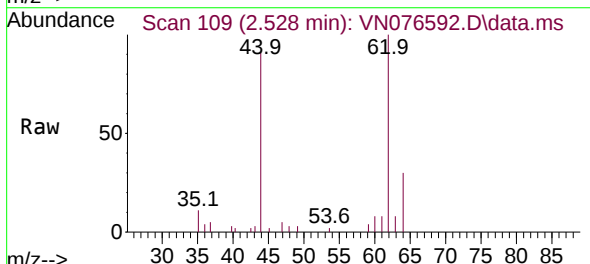
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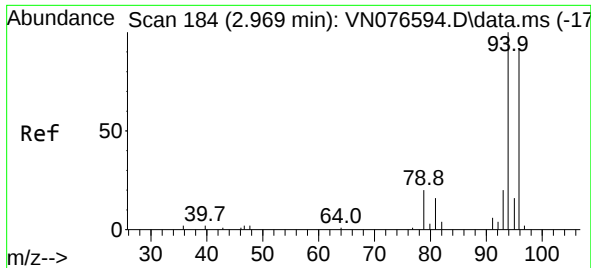
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#4
Vinyl Chloride
Concen: 7.384 ug/l
RT: 2.528 min Scan# 109
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Tgt Ion: 62 Resp: 16428
Ion Ratio Lower Upper
62 100
64 30.1 25.6 38.4





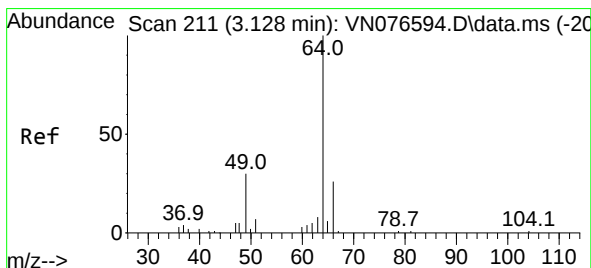
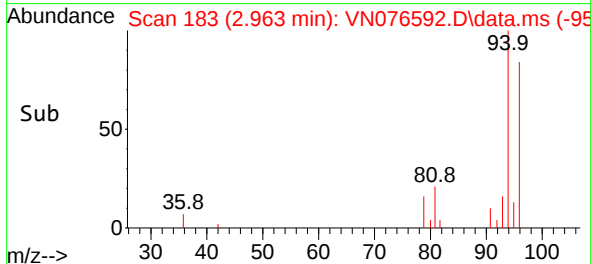
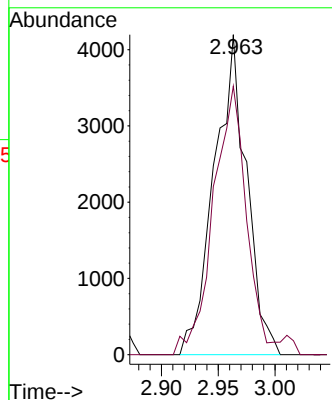
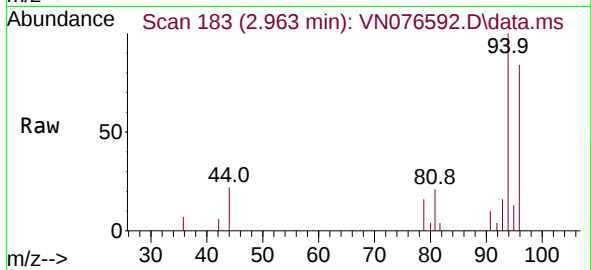
#5
Bromomethane
Concen: 7.431 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.015 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 8300
Ion Ratio Lower Upper
94 100
96 80.0 68.3 102.5

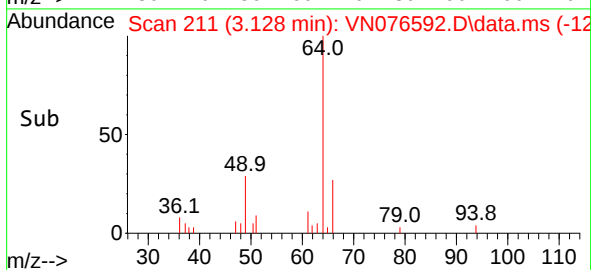
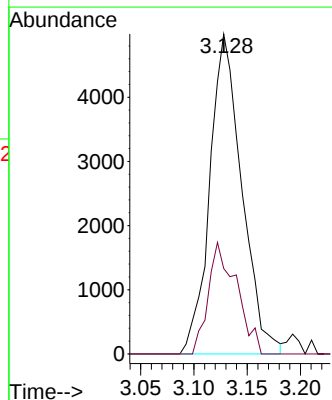
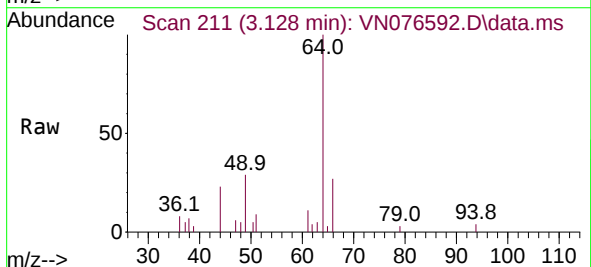
Manual Integrations
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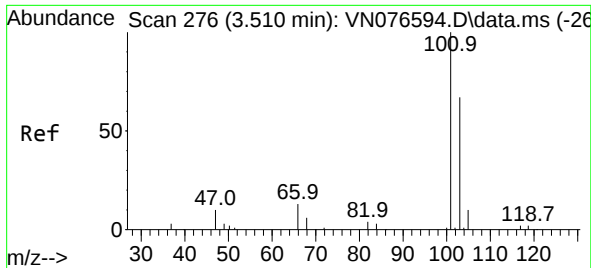
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#6
Chloroethane
Concen: 7.203 ug/l
RT: 3.128 min Scan# 211
Delta R.T. 0.004 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

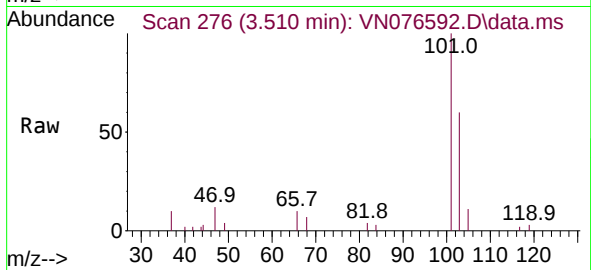
Tgt Ion: 64 Resp: 10441
Ion Ratio Lower Upper
64 100
66 26.7 21.8 32.8





#7
 Trichlorofluoromethane
 Concen: 5.565 ug/l
 RT: 3.510 min Scan# 2102
 Delta R.T. 0.004 min
 Lab File: VN076592.D
 Acq: 09 Feb 2023 16:39

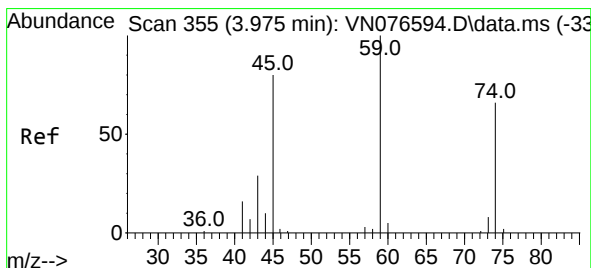
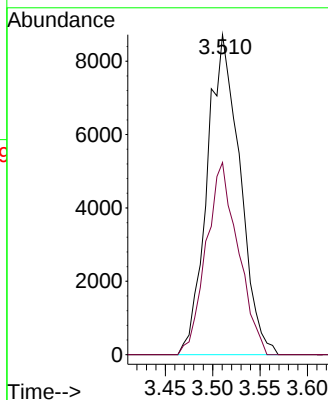
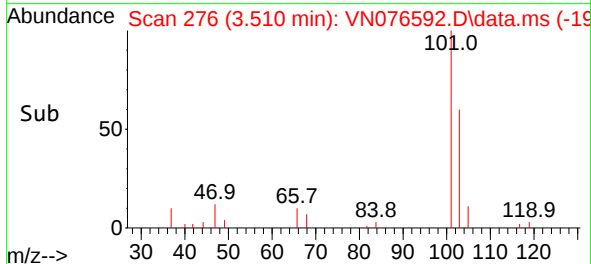
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 2102
 Ion Ratio Lower Upper
 101 100
 103 60.0 54.8 82.2

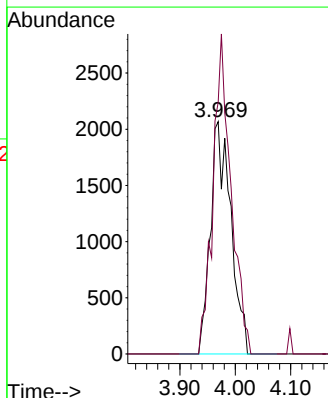
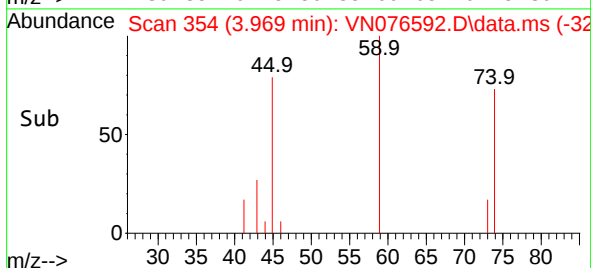
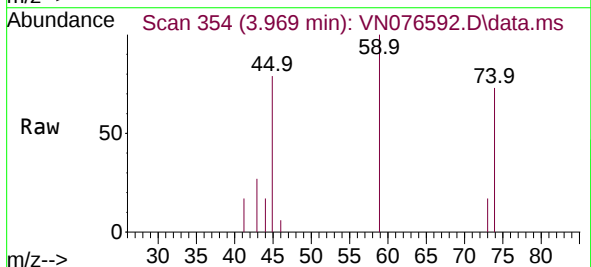
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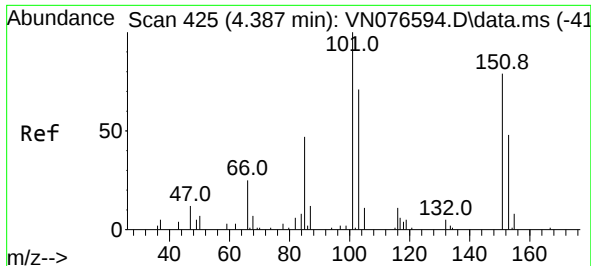
Reviewed By :John Carlone 02/10/2023
 Supervised By :Semsettin Yesilyurt 02/10/2023



#8
 Diethyl Ether
 Concen: 4.413 ug/l m
 RT: 3.969 min Scan# 354
 Delta R.T. -0.020 min
 Lab File: VN076592.D
 Acq: 09 Feb 2023 16:39

Tgt Ion: 74 Resp: 5288
 Ion Ratio Lower Upper
 74 100
 45 121.0 19.0 171.0





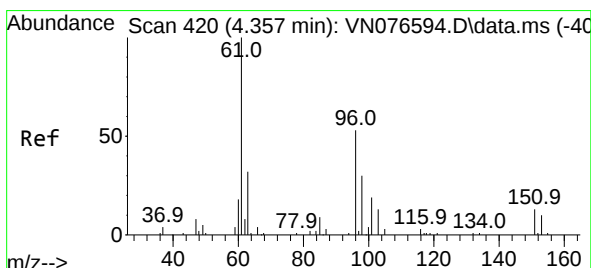
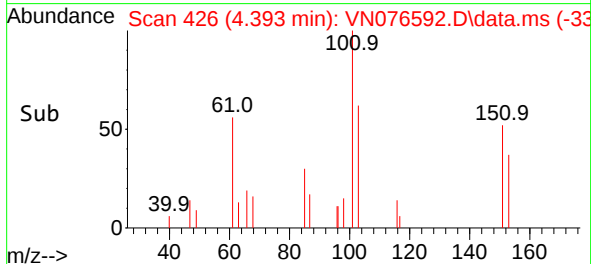
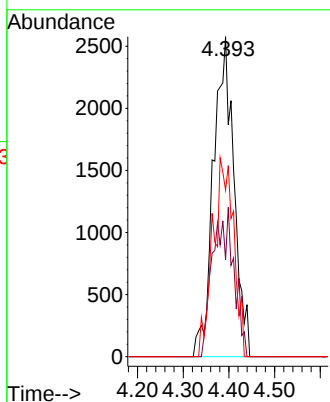
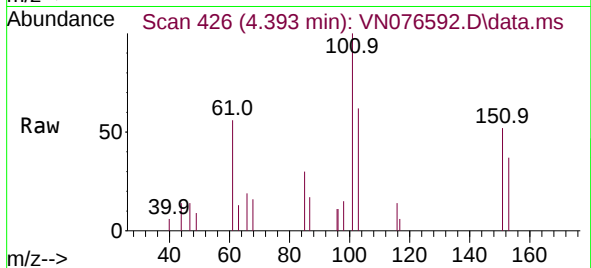
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1,1,2-Trichlorotrifluoroethane
Concen: 4.405 ug/l m
RT: 4.393 min Scan# 41
Delta R.T. 0.010 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 8010
Ion Ratio Lower Upper
101 100
85 18.2 0.0 94.6
151 0.0 0.0 144.8

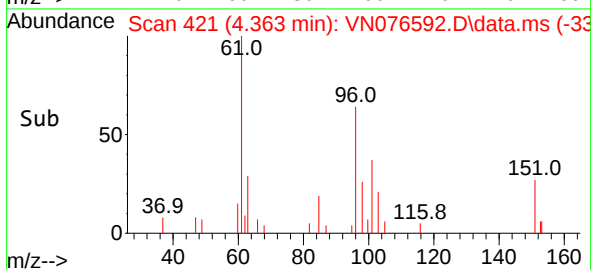
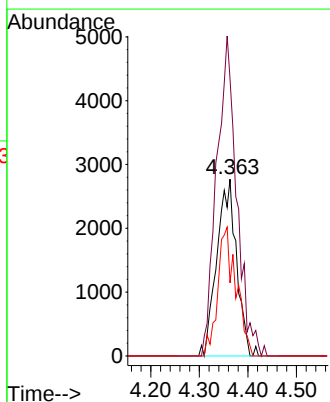
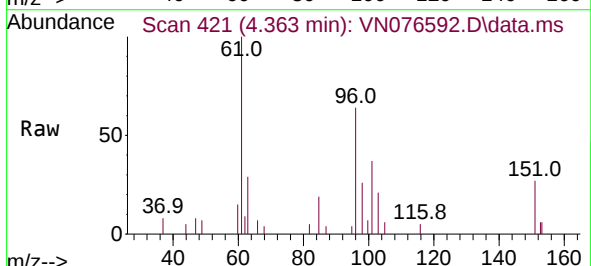
Manual Integrations
APPROVED

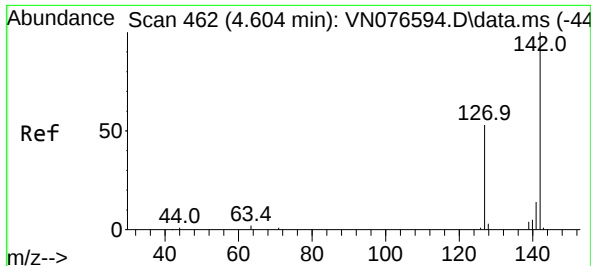
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#10
1,1-Dichloroethene
Concen: 4.549 ug/l m
RT: 4.363 min Scan# 421
Delta R.T. 0.004 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

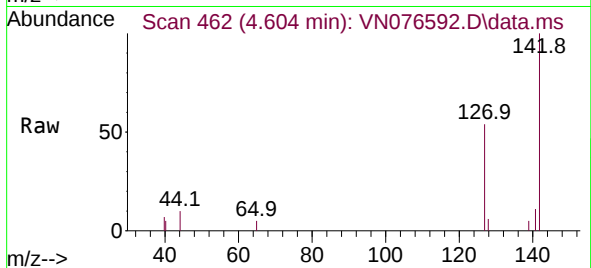
Tgt Ion: 96 Resp: 7775
Ion Ratio Lower Upper
96 100
61 156.7 125.5 188.3
98 41.3 45.0 67.4





#11
Methyl Iodide
Concen: 4.291 ug/l m
RT: 4.604 min Scan# 4
Delta R.T. -0.008 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

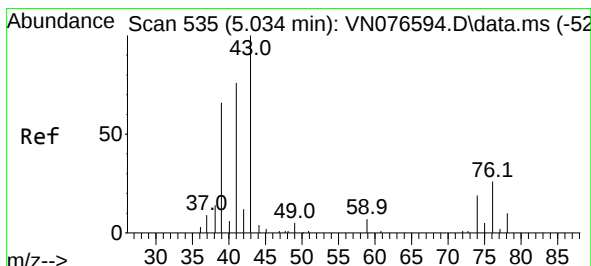
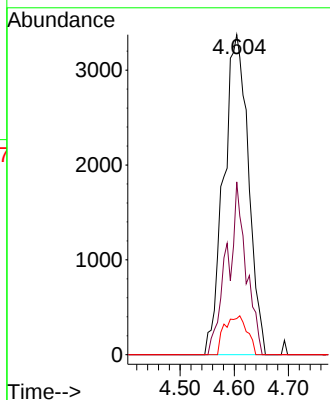
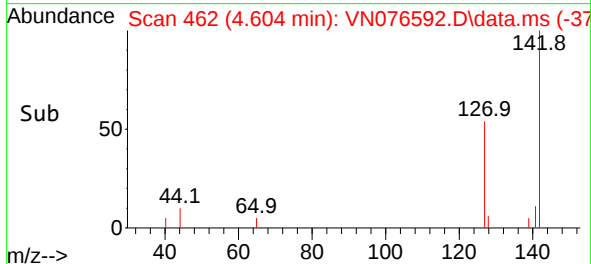
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:142 Resp: 1066
Ion Ratio Lower Upper
142 100
127 54.0 19.3 57.8
141 11.3 7.7 23.1

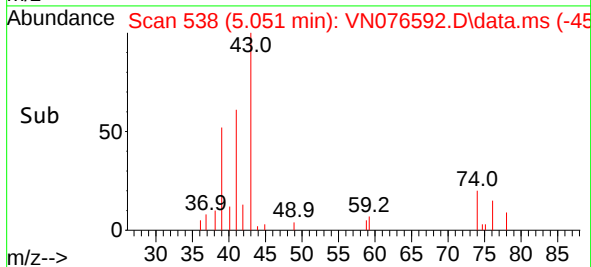
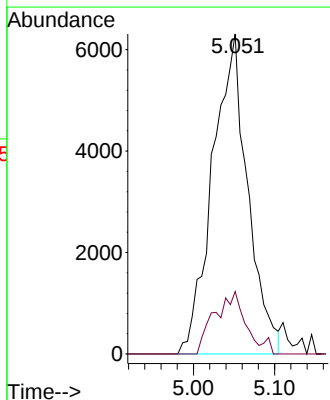
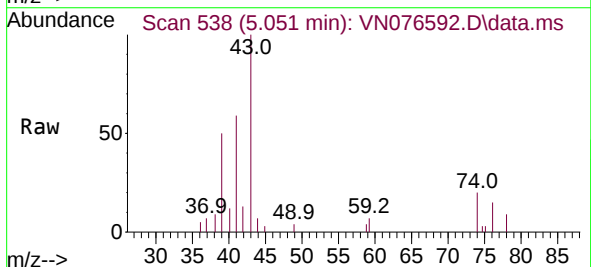
Manual Integrations
APPROVED

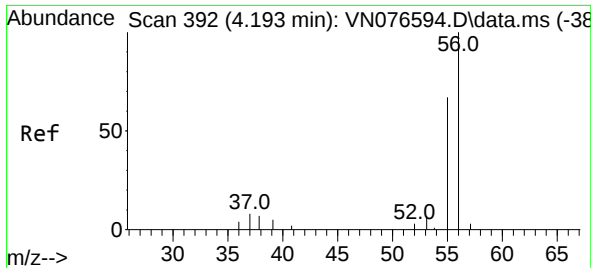
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#12
Methyl Acetate
Concen: 5.292 ug/l
RT: 5.051 min Scan# 538
Delta R.T. 0.003 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Tgt Ion: 43 Resp: 18978
Ion Ratio Lower Upper
43 100
74 23.0 19.0 28.6





#13

Acrolein

Concen: 25.654 ug/l

RT: 4.199 min Scan# 392

Delta R.T. -0.008 min

Lab File: VN076592.D

Acq: 09 Feb 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 11784

Ion Ratio Lower Upper

56 100

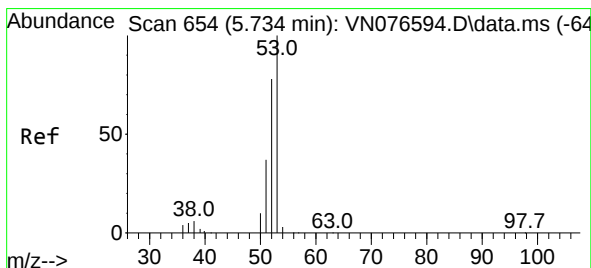
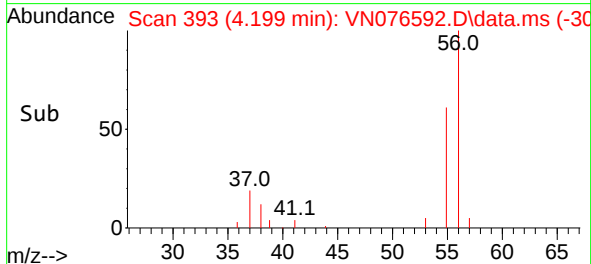
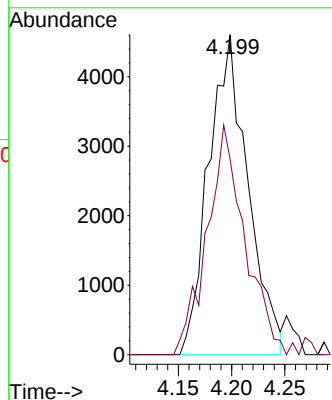
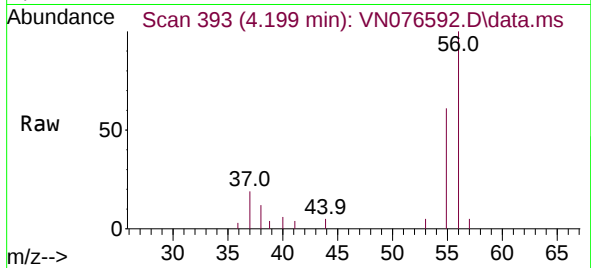
55 63.3 56.2 84.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#14

Acrylonitrile

Concen: 25.021 ug/l m

RT: 5.740 min Scan# 655

Delta R.T. -0.002 min

Lab File: VN076592.D

Acq: 09 Feb 2023 16:39

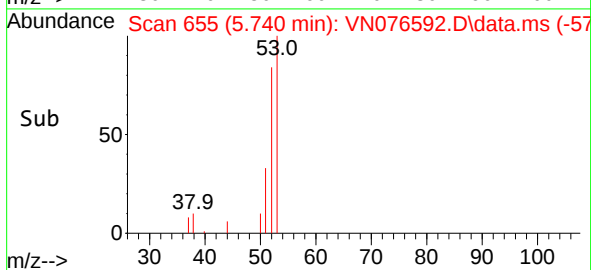
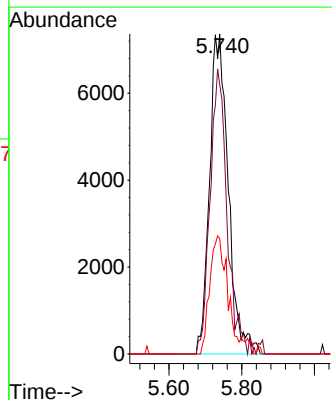
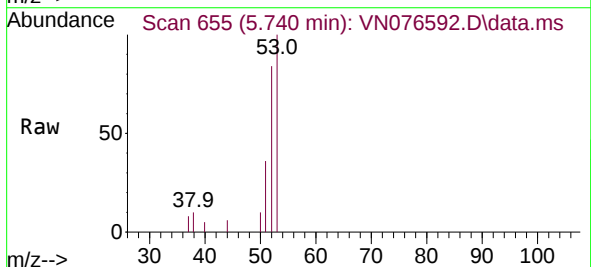
Tgt Ion: 53 Resp: 26290

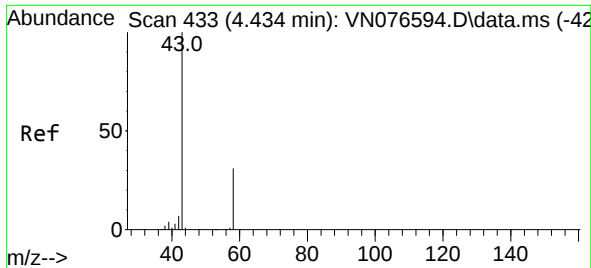
Ion Ratio Lower Upper

53 100

52 73.1 40.8 122.4

51 26.1 17.0 51.0





#15

Acetone

Concen: 27.503 ug/l m

RT: 4.440 min Scan# 433

Delta R.T. -0.013 min

Lab File: VN076592.D

Acq: 09 Feb 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 58 Resp: 8339

Ion Ratio Lower Upper

58 100

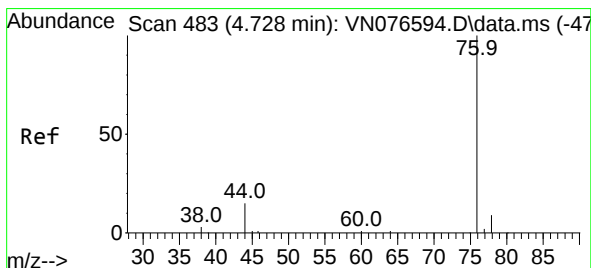
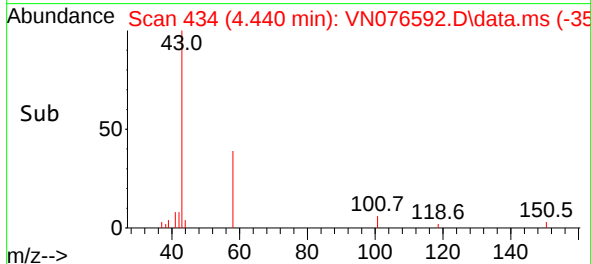
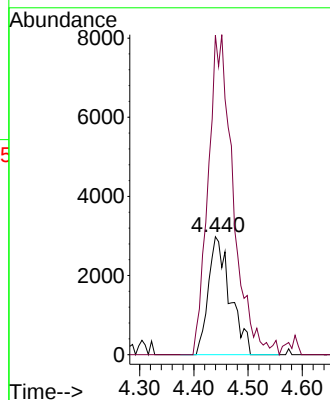
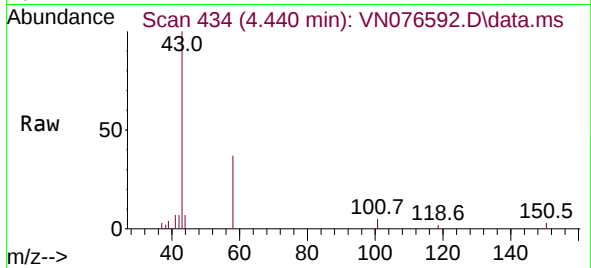
43 270.8 232.2 348.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#16

Carbon Disulfide

Concen: 4.343 ug/l

RT: 4.728 min Scan# 483

Delta R.T. -0.008 min

Lab File: VN076592.D

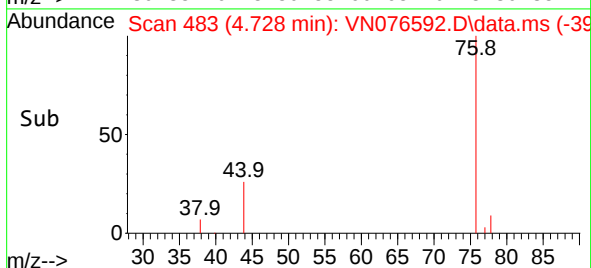
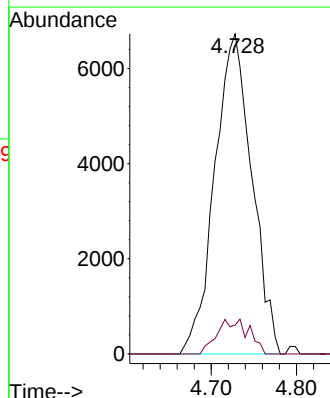
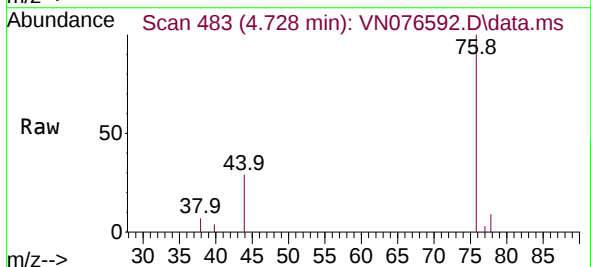
Acq: 09 Feb 2023 16:39

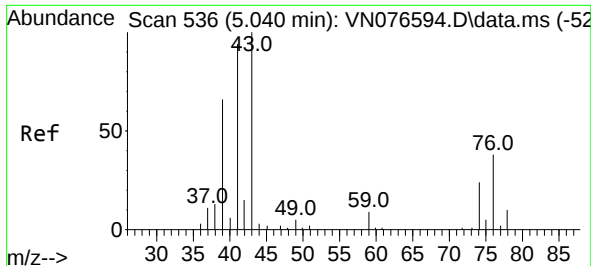
Tgt Ion: 76 Resp: 20399

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8





#17

Allyl chloride

Concen: 4.872 ug/l

RT: 5.034 min Scan# 51

Delta R.T. -0.008 min

Lab File: VN076592.D

Acq: 09 Feb 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

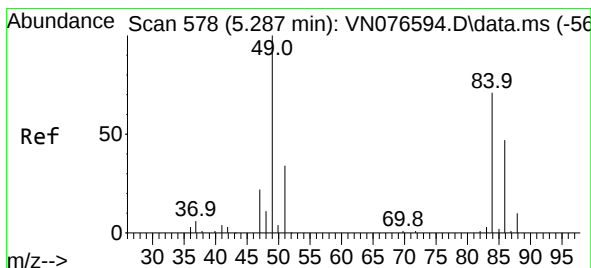
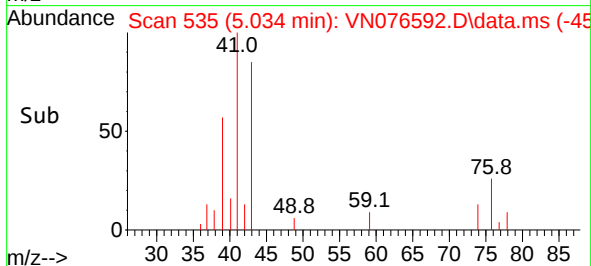
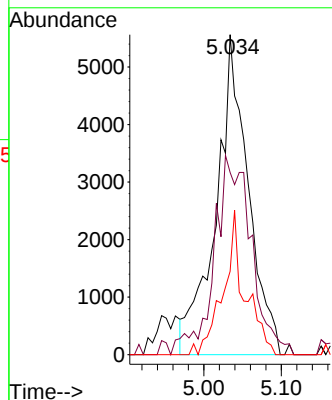
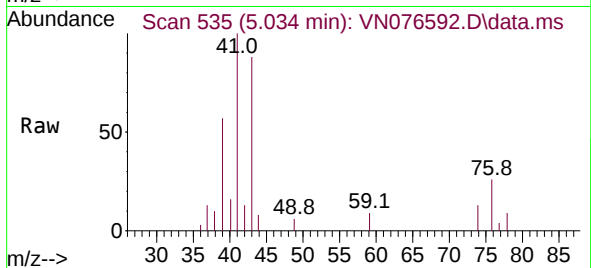
Tgt Ion:	41	Resp:	1605
Ion	Ratio	Lower	Upper
41	100		
39	53.0	39.1	117.5
76	26.0	19.8	59.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#18

Methylene Chloride

Concen: 4.876 ug/l

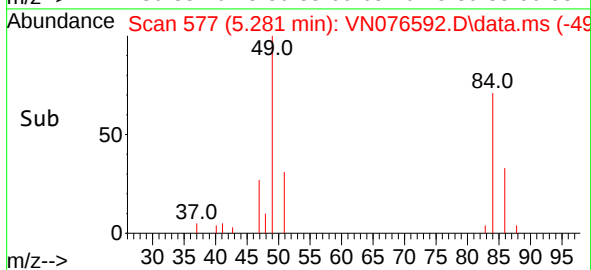
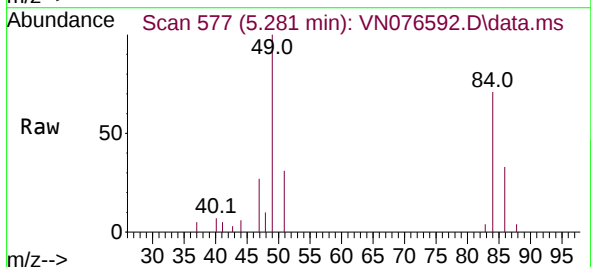
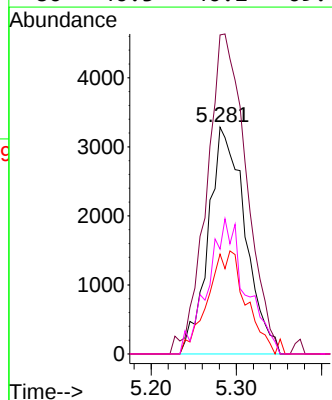
RT: 5.281 min Scan# 577

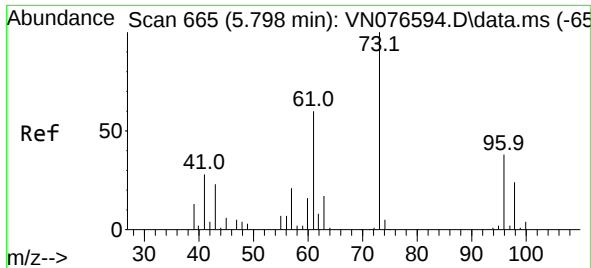
Delta R.T. -0.019 min

Lab File: VN076592.D

Acq: 09 Feb 2023 16:39

Tgt Ion:	84	Resp:	9861
Ion	Ratio	Lower	Upper
84	100		
49	140.8	99.6	149.4
51	44.1	28.2	42.2#
86	46.3	46.2	69.4





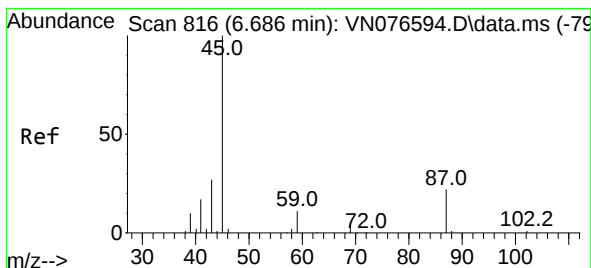
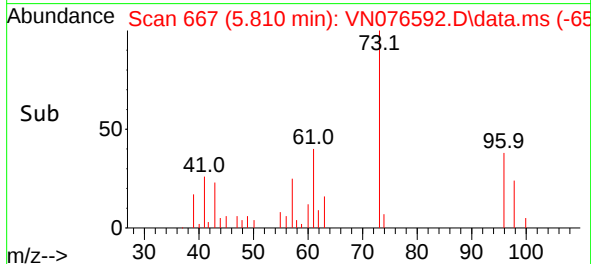
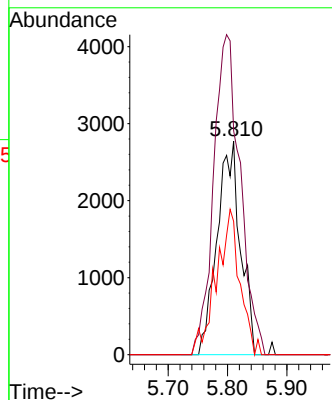
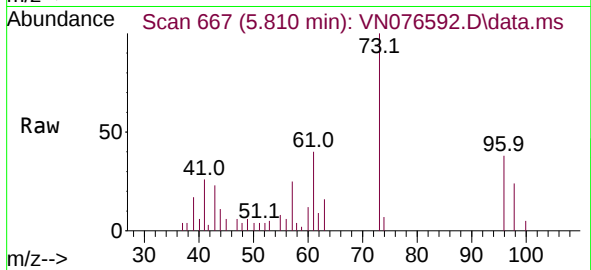
#19
trans-1,2-Dichloroethene
Concen: 4.338 ug/l m
RT: 5.810 min Scan# 665
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 7619
Ion Ratio Lower Upper
96 100
61 104.8 110.2 165.4
98 62.4 50.0 75.0

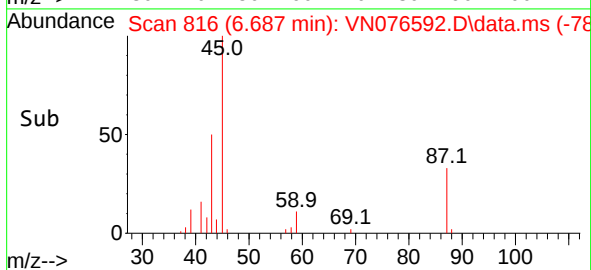
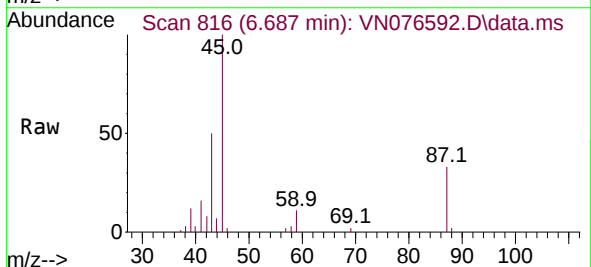
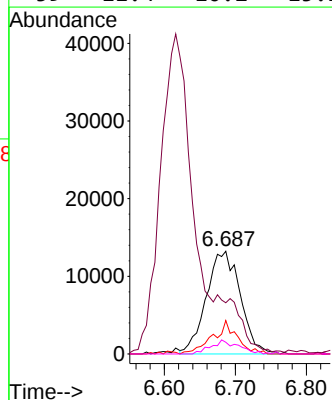
Manual Integrations
APPROVED

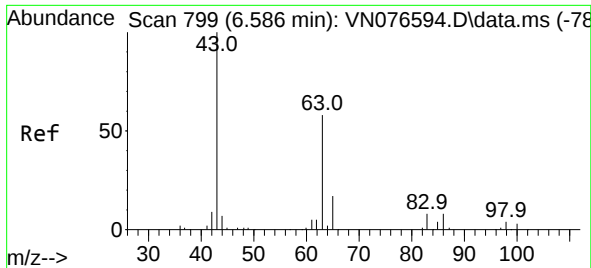
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#20
Diisopropyl ether
Concen: 5.848 ug/l
RT: 6.687 min Scan# 816
Delta R.T. -0.007 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Tgt Ion: 45 Resp: 43979
Ion Ratio Lower Upper
45 100
43 46.9 47.3 70.9
87 32.6 21.8 32.8
59 11.4 10.2 15.2





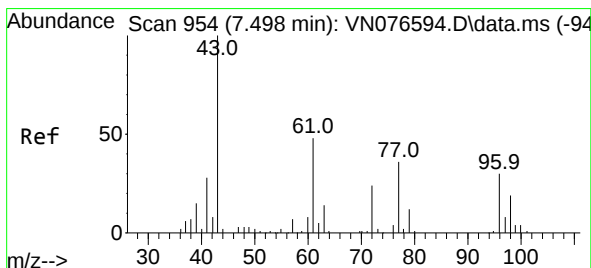
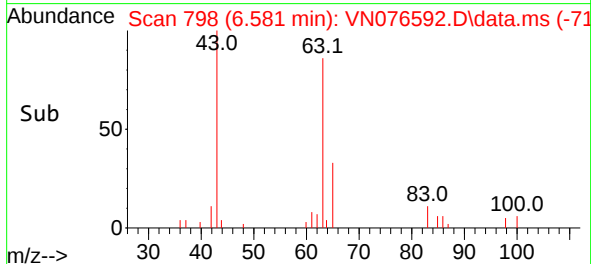
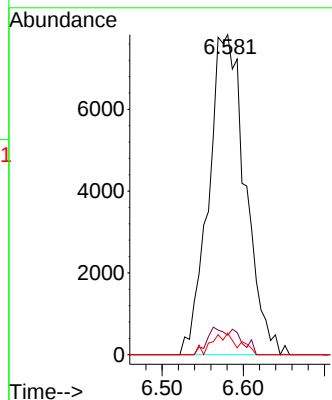
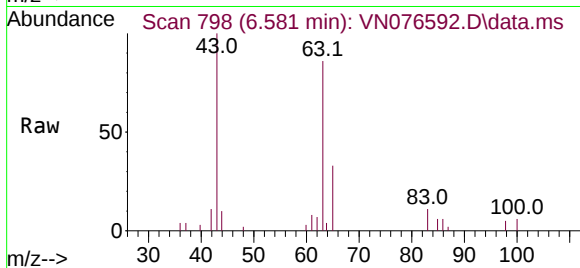
#21
1,1-Dichloroethane
Concen: 5.984 ug/l
RT: 6.581 min Scan# 799
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 24539
Ion Ratio Lower Upper
63 100
98 6.1 3.3 9.9
100 6.7 2.2 6.6

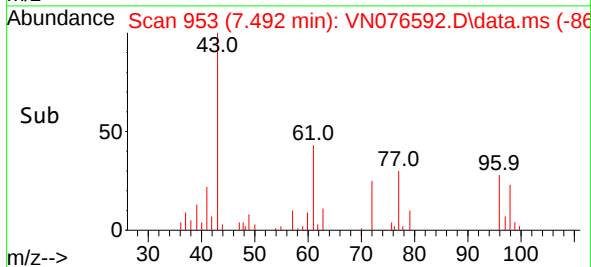
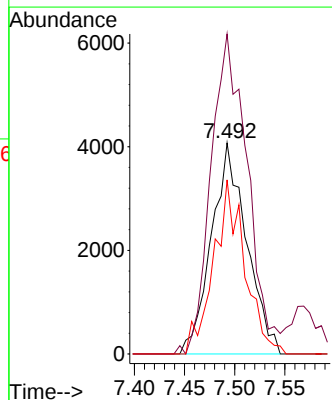
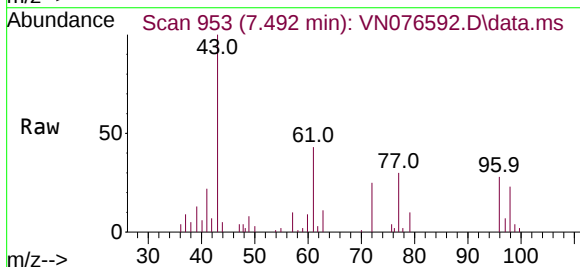
Manual Integrations
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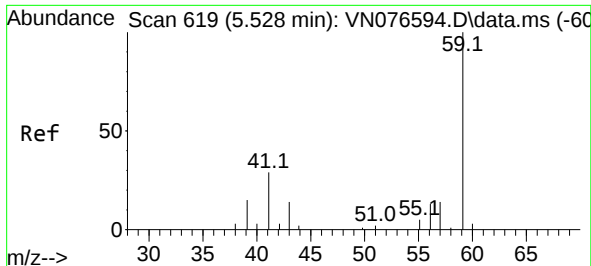
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#22
cis-1,2-Dichloroethene
Concen: 4.719 ug/l
RT: 7.492 min Scan# 953
Delta R.T. -0.008 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Tgt Ion: 96 Resp: 9927
Ion Ratio Lower Upper
96 100
61 156.4 118.8 178.2
98 73.0 52.1 78.1





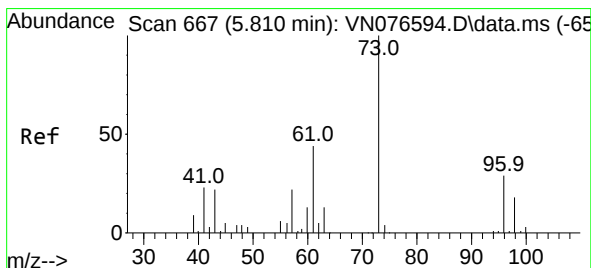
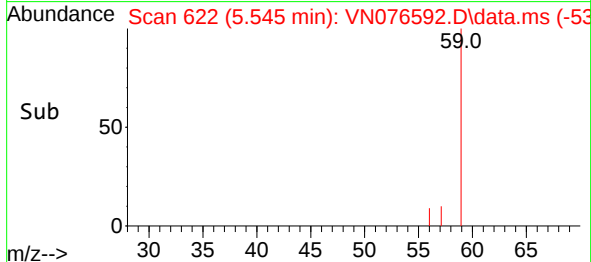
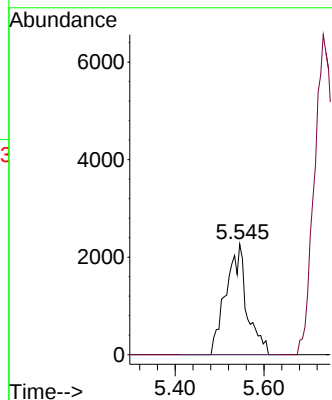
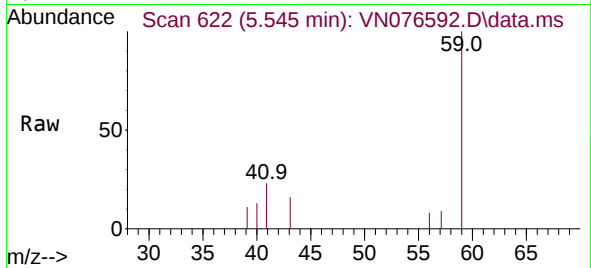
#23
tert-Butyl Alcohol
Concen: 21.122 ug/l m
RT: 5.545 min Scan# 619
Delta R.T. -0.014 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 744
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4

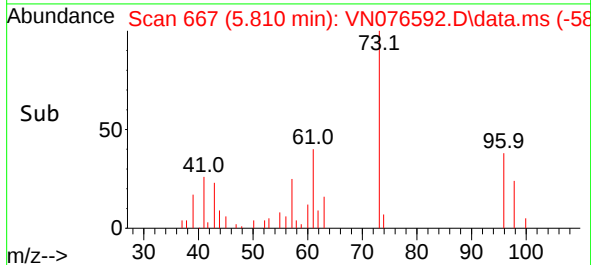
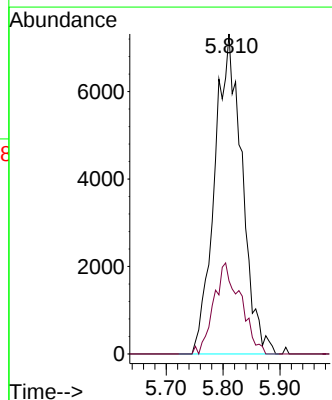
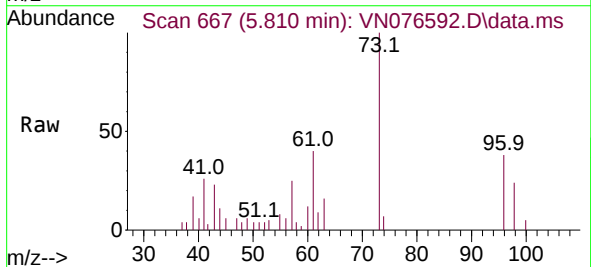
Manual Integrations
APPROVED

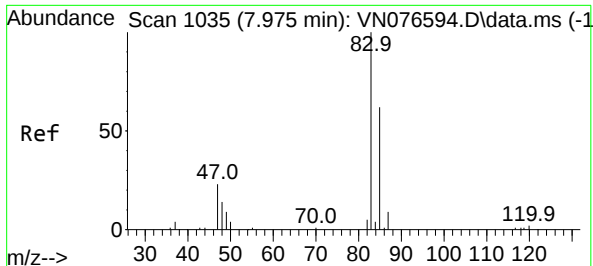
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#24
Methyl tert-Butyl Ether
Concen: 3.979 ug/l m
RT: 5.810 min Scan# 667
Delta R.T. -0.008 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Tgt Ion: 73 Resp: 24499
Ion Ratio Lower Upper
73 100
43 19.9 15.6 23.4





#25

Chloroform

Concen: 5.568 ug/l

RT: 7.975 min Scan# 1035

Delta R.T. -0.002 min

Lab File: VN076592.D

Acq: 09 Feb 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 2259

Ion Ratio Lower Upper

83 100

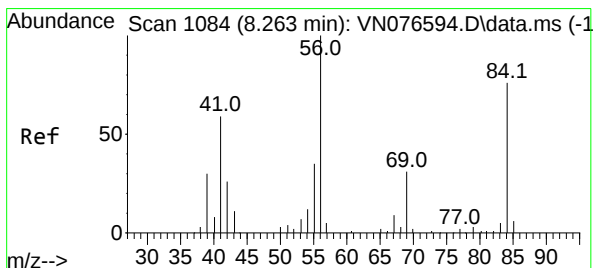
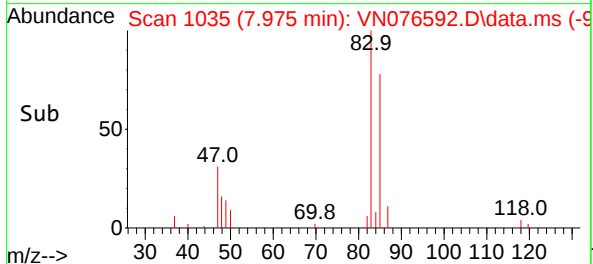
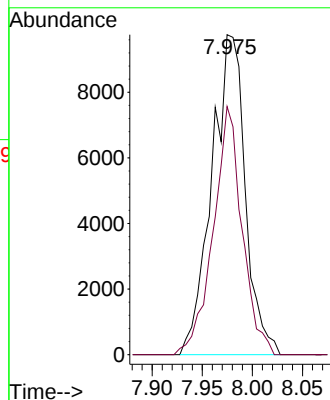
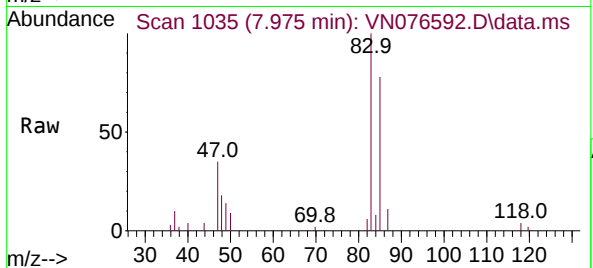
85 77.6 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#26

Cyclohexane

Concen: 5.899 ug/l

RT: 8.275 min Scan# 1086

Delta R.T. 0.010 min

Lab File: VN076592.D

Acq: 09 Feb 2023 16:39

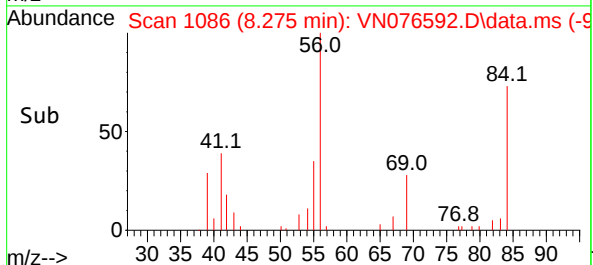
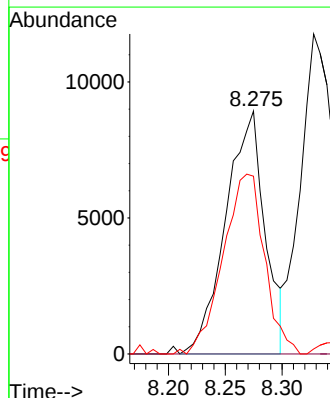
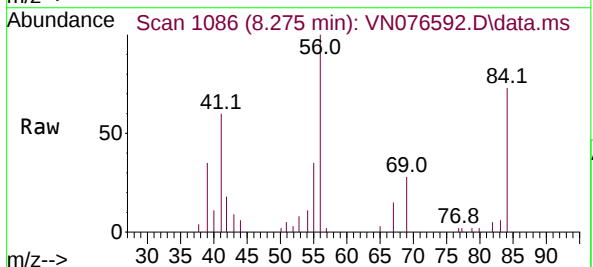
Tgt Ion: 56 Resp: 21468

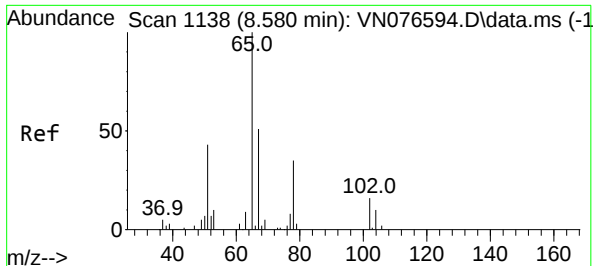
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 77.6 68.4 102.6





#27

1,2-Dichloroethane-d4

Concen: 33.500 ug/l

RT: 8.586 min Scan# 1139

Delta R.T. -0.002 min

Lab File: VN076592.D

Acq: 09 Feb 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 60454

Ion Ratio Lower Upper

65 100

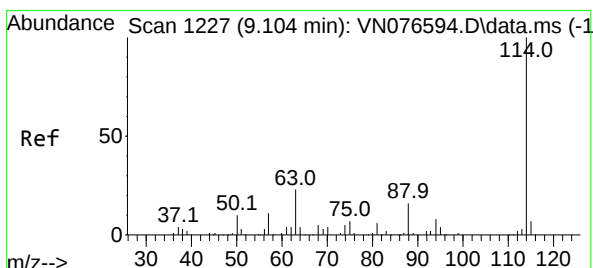
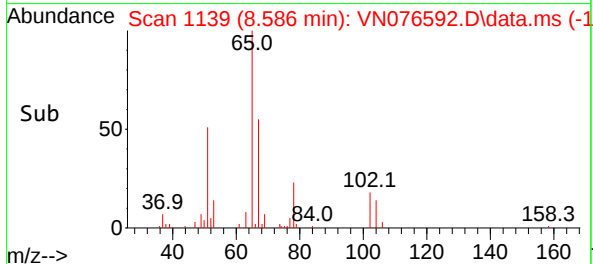
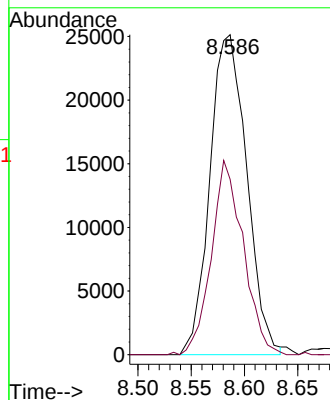
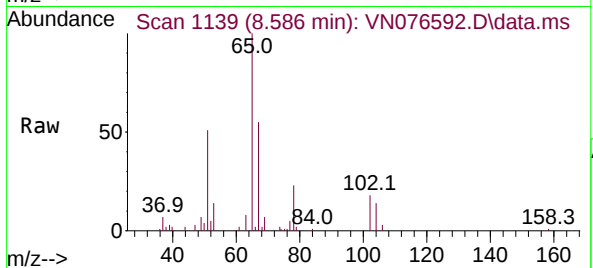
67 52.5 45.2 67.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.104 min Scan# 1227

Delta R.T. -0.002 min

Lab File: VN076592.D

Acq: 09 Feb 2023 16:39

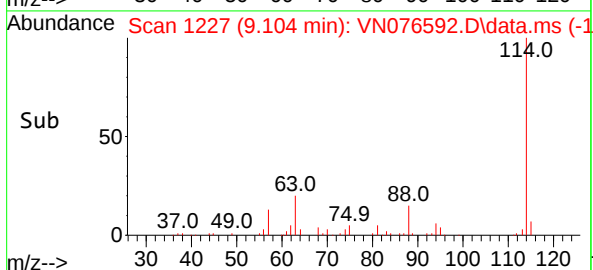
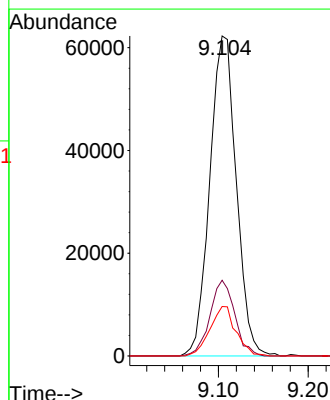
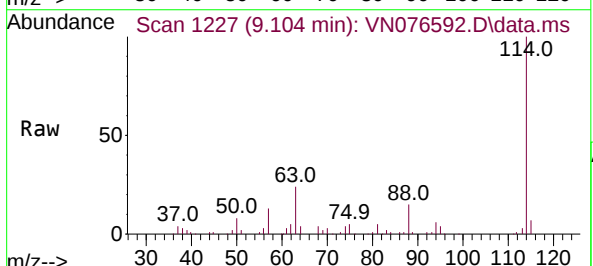
Tgt Ion:114 Resp: 127831

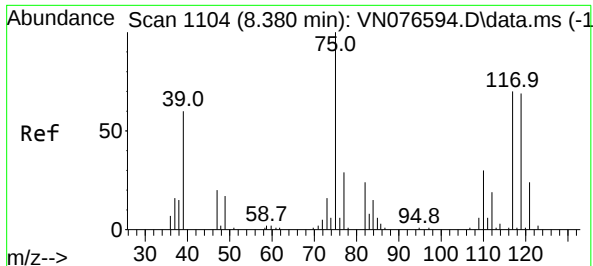
Ion Ratio Lower Upper

114 100

63 22.1 16.6 25.0

88 15.0 12.2 18.4





#29

1,1-Dichloropropene

Concen: 4.513 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. -0.008 min

Lab File: VN076592.D

Acq: 09 Feb 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

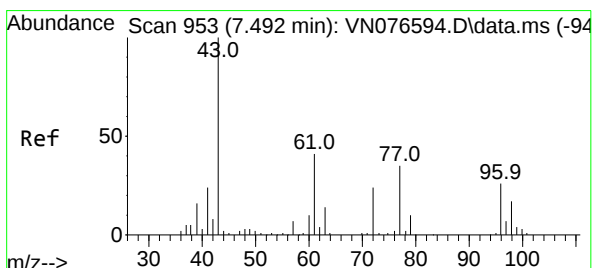
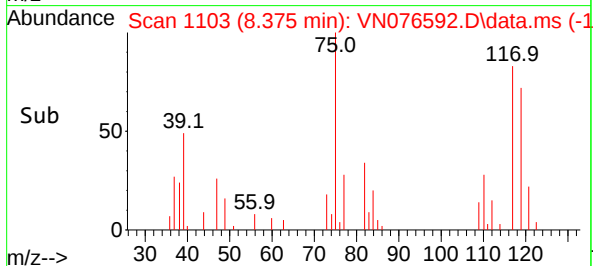
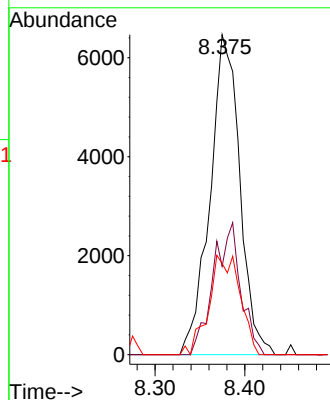
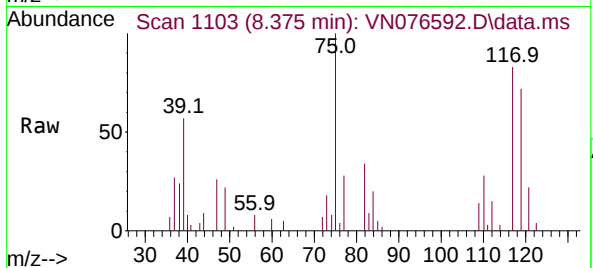
Tgt Ion:	75	Resp:	1493
Ion Ratio	Lower	Upper	
75	100		
110	16.6	0.0	72.2
77	10.4	0.0	64.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#30

2-Butanone

Concen: 21.613 ug/l

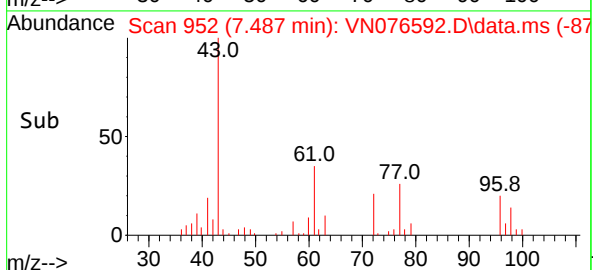
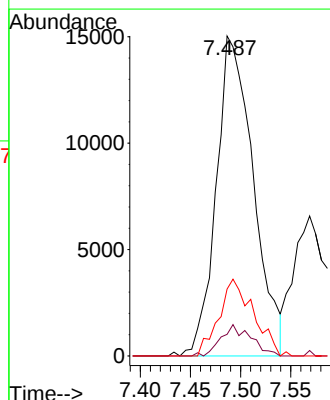
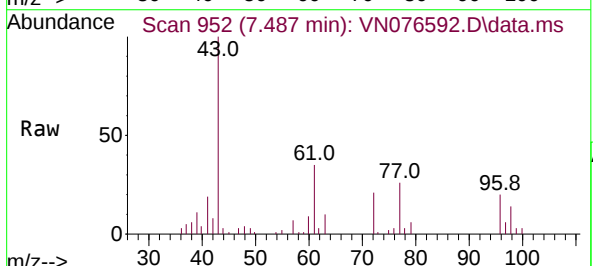
RT: 7.487 min Scan# 952

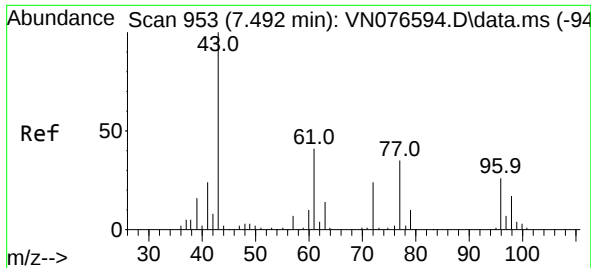
Delta R.T. -0.019 min

Lab File: VN076592.D

Acq: 09 Feb 2023 16:39

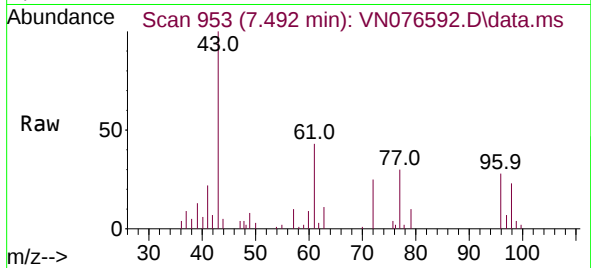
Tgt Ion:	43	Resp:	38602
Ion Ratio	Lower	Upper	
43	100		
57	7.7	6.3	9.5
72	22.3	21.0	31.4





#31
2,2-Dichloropropane
Concen: 3.729 ug/l m
RT: 7.492 min Scan# 91
Delta R.T. -0.014 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

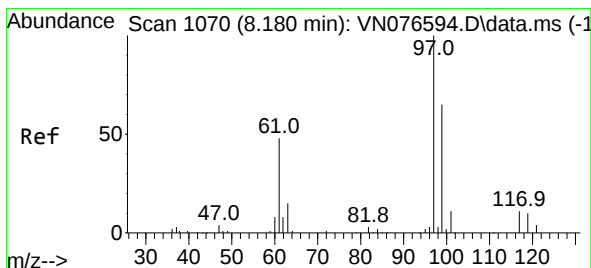
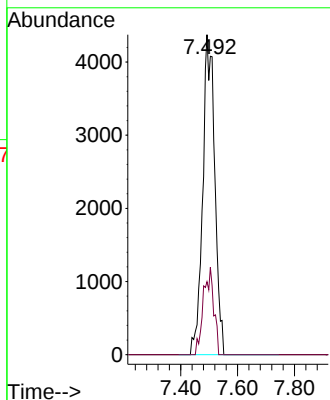
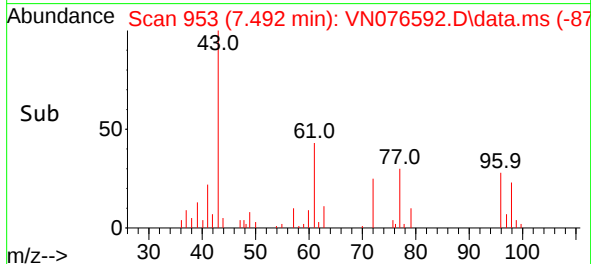
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



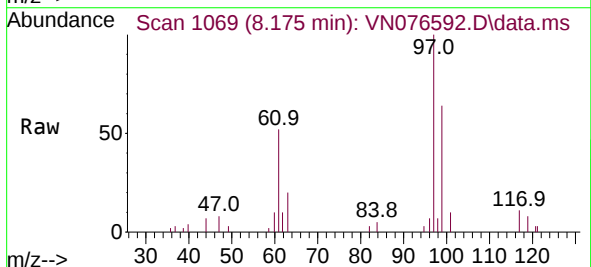
Tgt Ion: 77 Resp: 12810
Ion Ratio Lower Upper
77 100
97 13.6 18.4 27.6

Manual Integrations
APPROVED

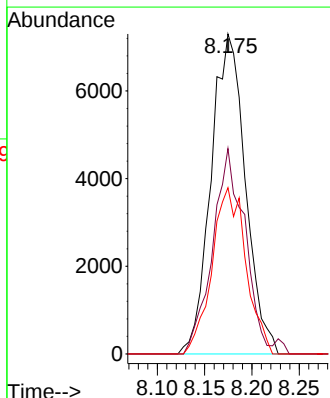
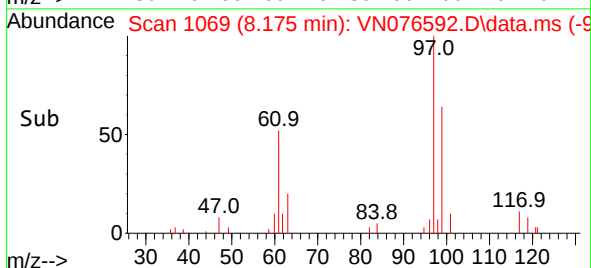
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

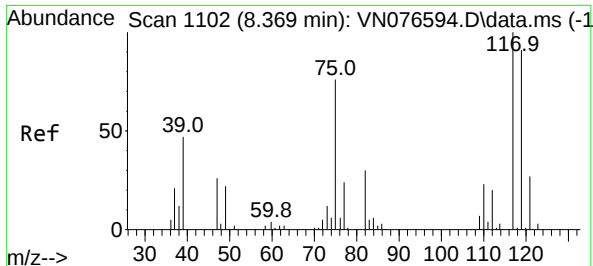


#32
1,1,1-Trichloroethane
Concen: 4.490 ug/l
RT: 8.175 min Scan# 1069
Delta R.T. -0.008 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39



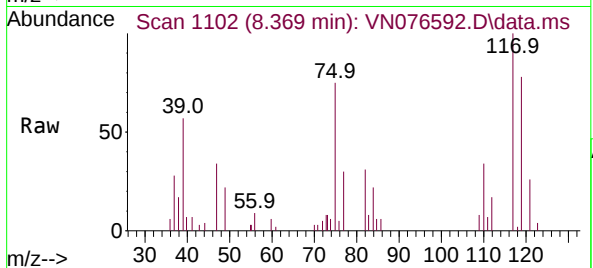
Tgt Ion: 97 Resp: 18431
Ion Ratio Lower Upper
97 100
99 59.9 50.0 75.0
61 51.4 36.1 54.1





#33
Carbon Tetrachloride
Concen: 4.376 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

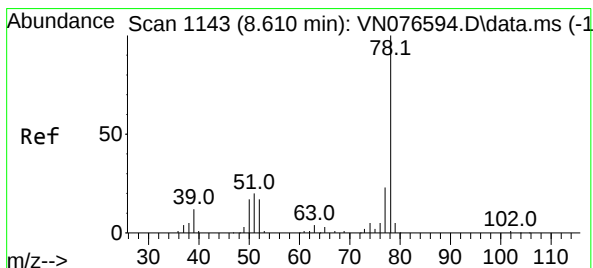
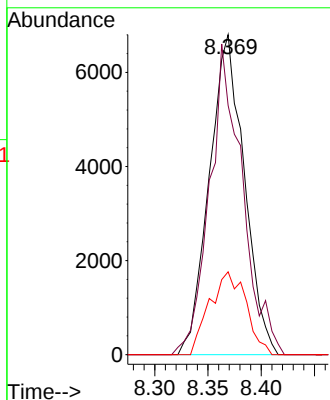
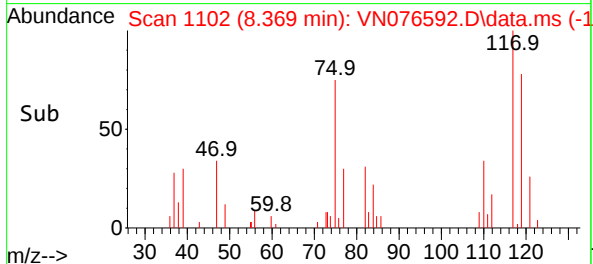
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



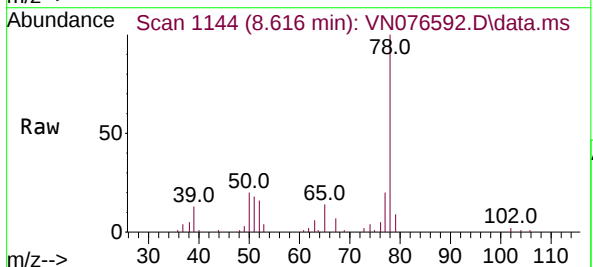
Tgt Ion:117 Resp: 15498
Ion Ratio Lower Upper
117 100
119 75.6 77.8 116.6
121 25.9 27.6 41.4

Manual Integrations
APPROVED

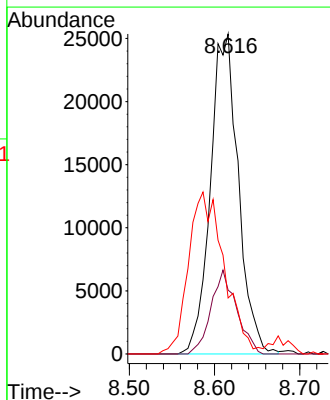
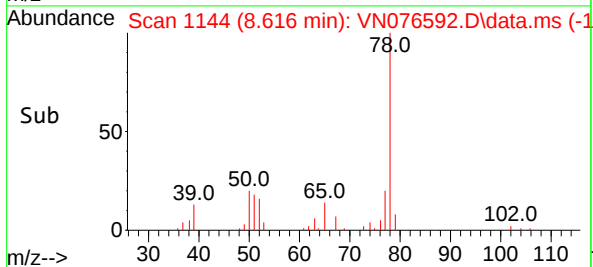
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

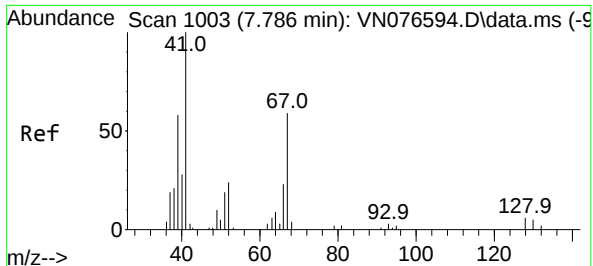


#34
Benzene
Concen: 5.683 ug/l
RT: 8.616 min Scan# 1144
Delta R.T. 0.004 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39



Tgt Ion: 78 Resp: 57780
Ion Ratio Lower Upper
78 100
77 20.0 19.9 29.9
51 11.9 21.1 31.7





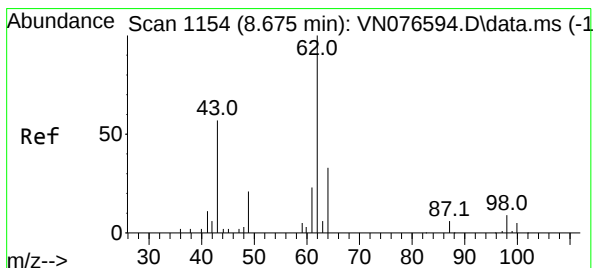
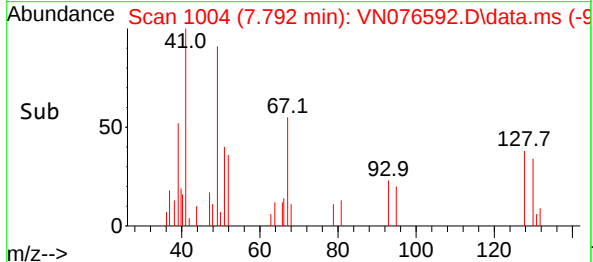
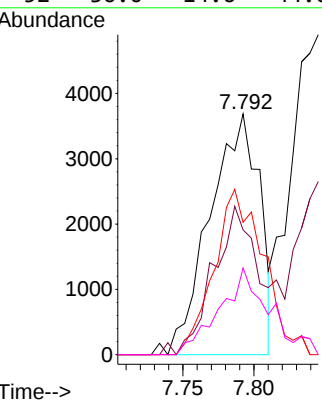
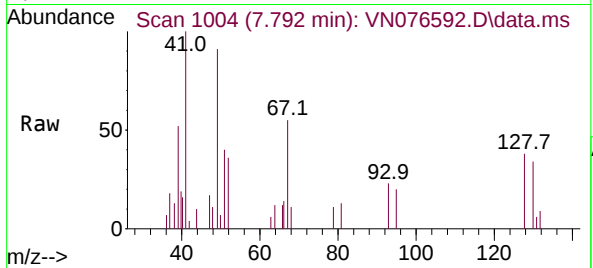
#35
Methacrylonitrile
Concen: 4.355 ug/l
RT: 7.792 min Scan# 1004
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 8944
Ion Ratio Lower Upper
41 100
39 46.8 27.7 83.1
67 54.9 38.0 113.9
52 36.0 14.6 44.0

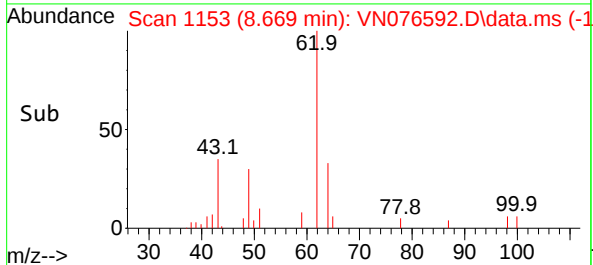
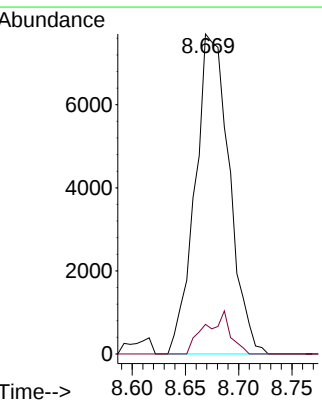
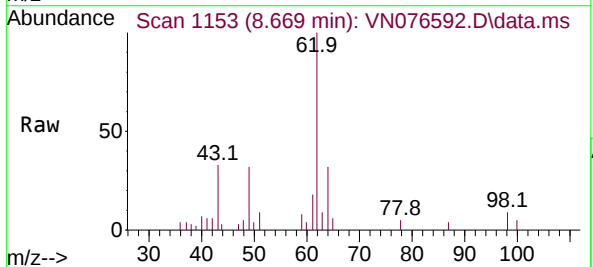
Manual Integrations
APPROVED

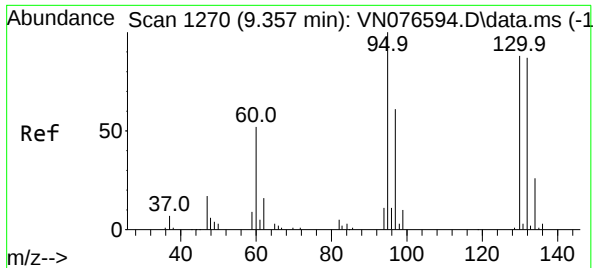
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#36
1,2-Dichloroethane
Concen: 4.407 ug/l
RT: 8.669 min Scan# 1153
Delta R.T. -0.014 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Tgt Ion: 62 Resp: 17183
Ion Ratio Lower Upper
62 100
98 4.6 7.4 11.2#





#37

Trichloroethene

Concen: 3.565 ug/l

RT: 9.357 min Scan# 1270

Delta R.T. -0.002 min

Lab File: VN076592.D

Acq: 09 Feb 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 7420

Ion Ratio Lower Upper

130 100

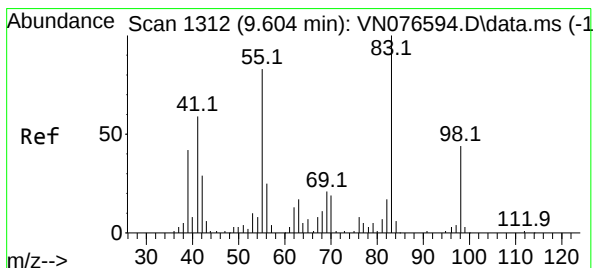
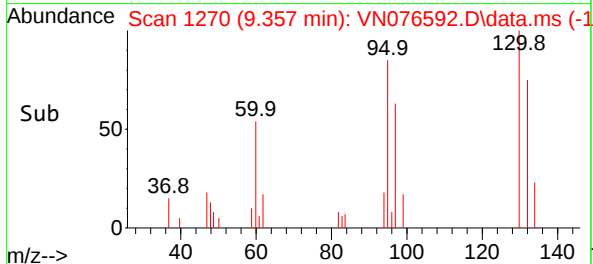
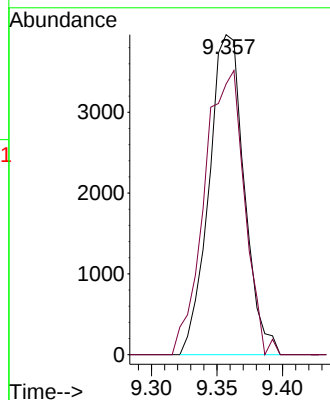
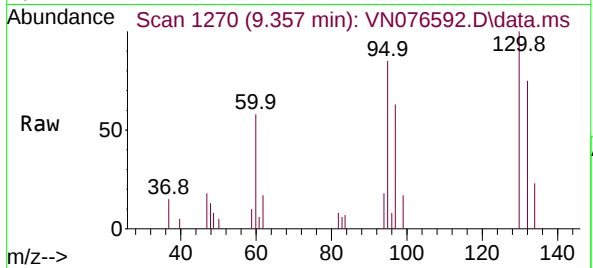
95 84.6 75.9 113.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#38

Methylcyclohexane

Concen: 3.337 ug/l

RT: 9.604 min Scan# 1312

Delta R.T. -0.002 min

Lab File: VN076592.D

Acq: 09 Feb 2023 16:39

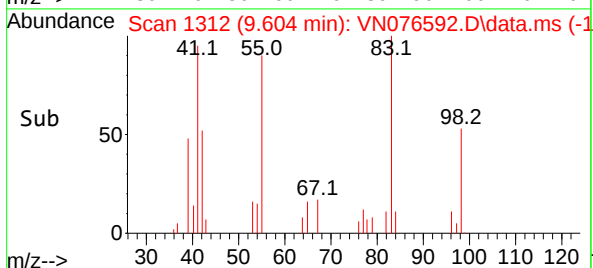
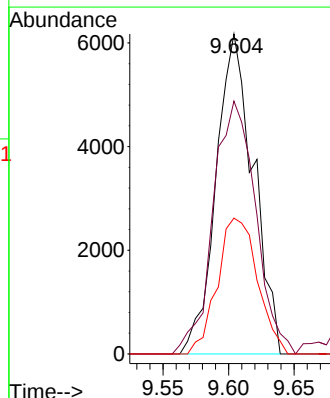
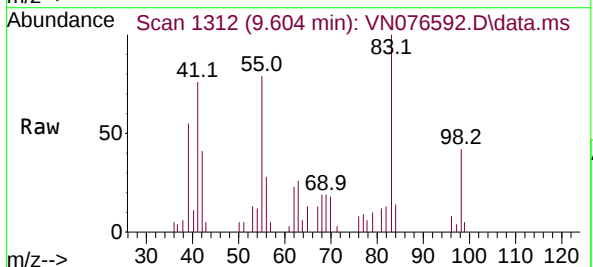
Tgt Ion: 83 Resp: 12221

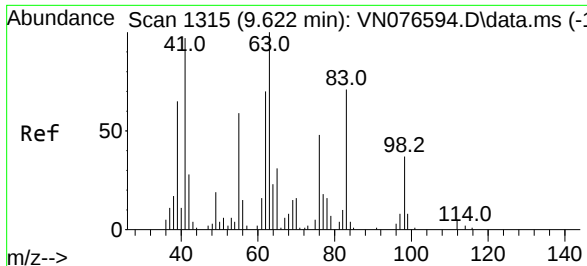
Ion Ratio Lower Upper

83 100

55 89.8 37.4 112.2

98 45.7 24.5 73.5





#39

1,2-Dichloropropane

Concen: 3.951 ug/l

RT: 9.628 min Scan# 1316

Delta R.T. -0.002 min

Lab File: VN076592.D

Acq: 09 Feb 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 9580

Ion Ratio Lower Upper

63 100

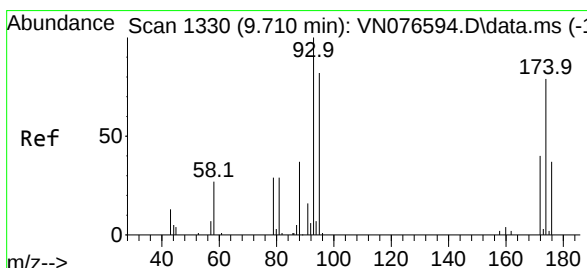
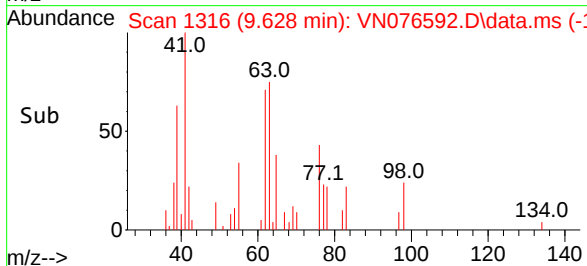
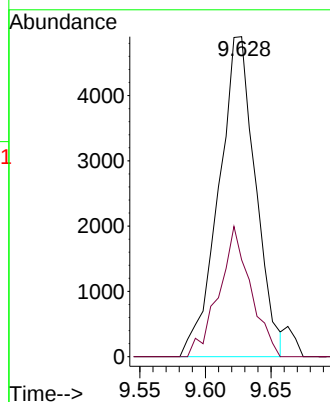
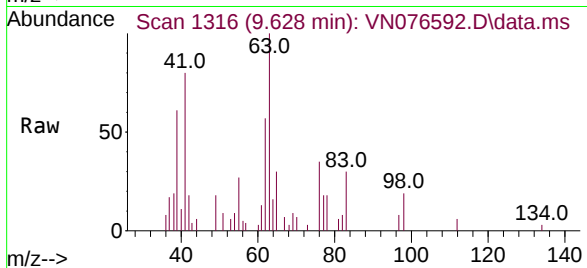
65 30.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#40

Dibromomethane

Concen: 3.992 ug/l

RT: 9.710 min Scan# 1330

Delta R.T. -0.002 min

Lab File: VN076592.D

Acq: 09 Feb 2023 16:39

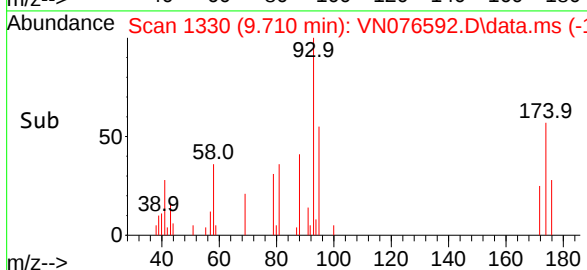
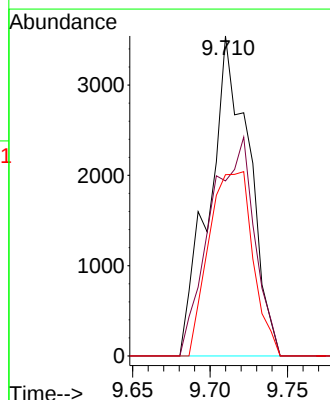
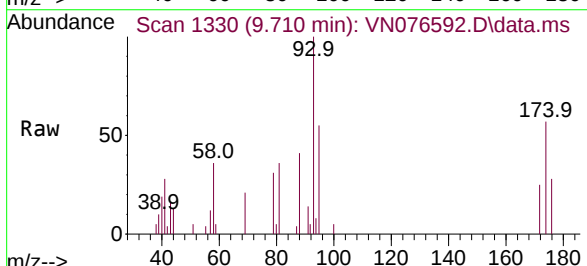
Tgt Ion: 93 Resp: 6372

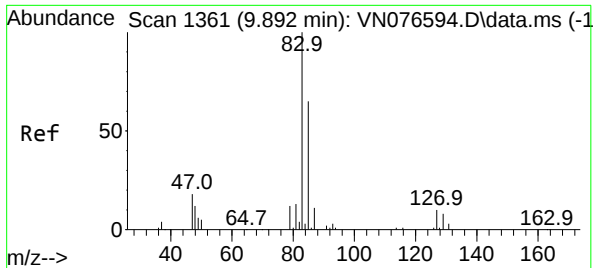
Ion Ratio Lower Upper

93 100

95 36.0 0.0 168.0

174 0.0 0.0 158.4





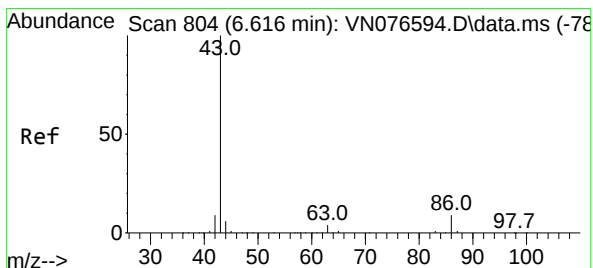
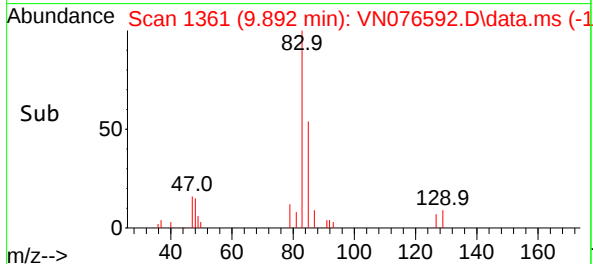
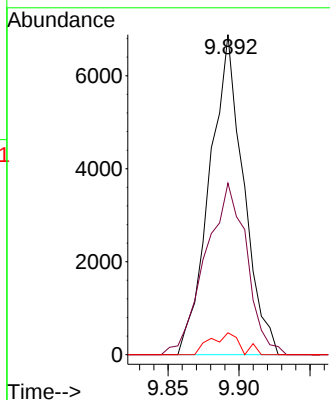
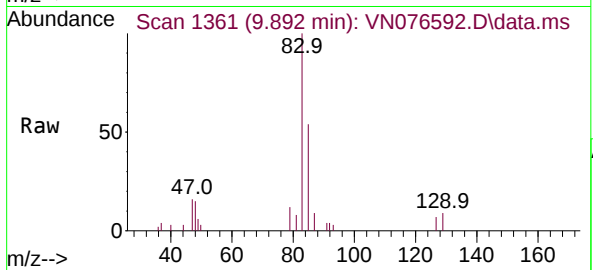
#41
Bromodichloromethane
Concen: 3.400 ug/l
RT: 9.892 min Scan# 11409
Delta R.T. 0.004 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 11409
Ion Ratio Lower Upper
83 100
85 51.0 50.2 75.4
127 6.9 5.1 7.7

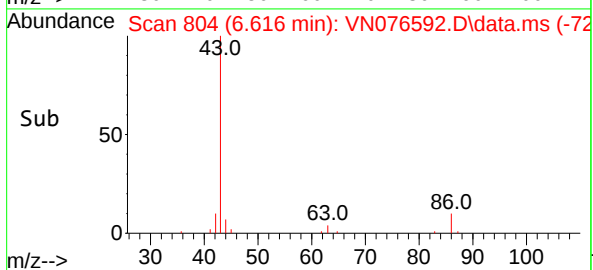
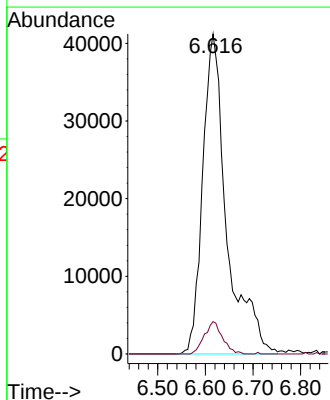
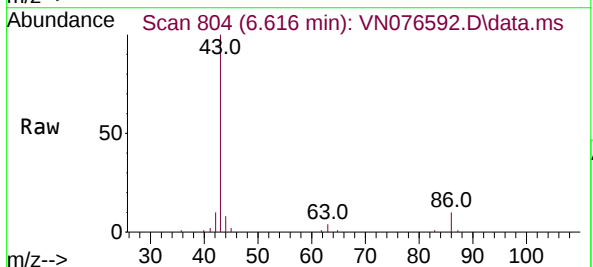
Manual Integrations
APPROVED

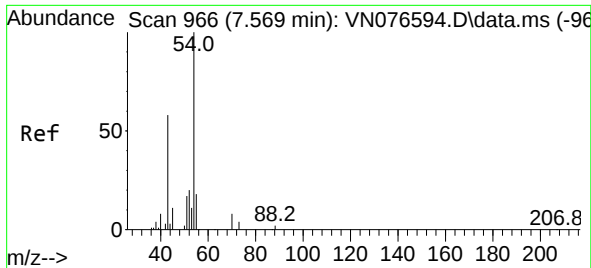
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#42
Vinyl Acetate
Concen: 24.937 ug/l m
RT: 6.616 min Scan# 804
Delta R.T. -0.008 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

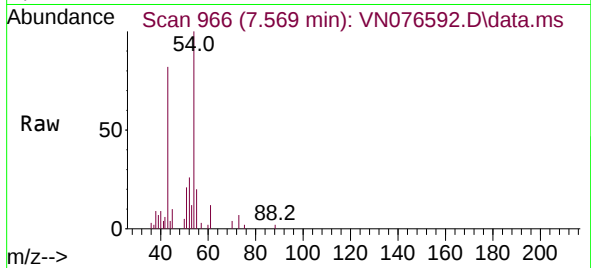
Tgt Ion: 43 Resp: 144785
Ion Ratio Lower Upper
43 100
86 7.5 7.5 11.3#





#43
Ethyl Acetate
Concen: 4.551 ug/l
RT: 7.569 min Scan# 966
Delta R.T. -0.014 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

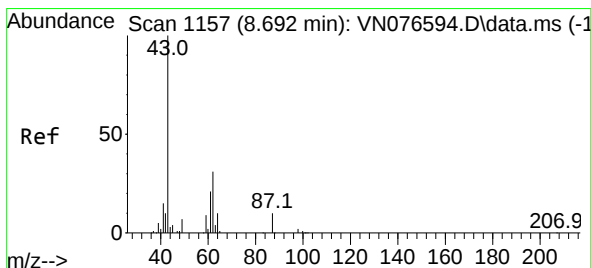
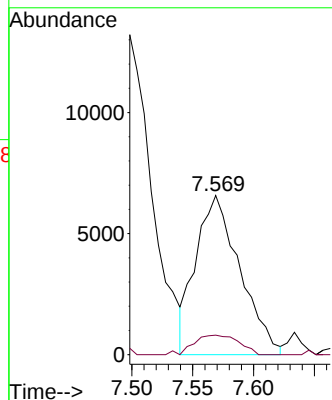
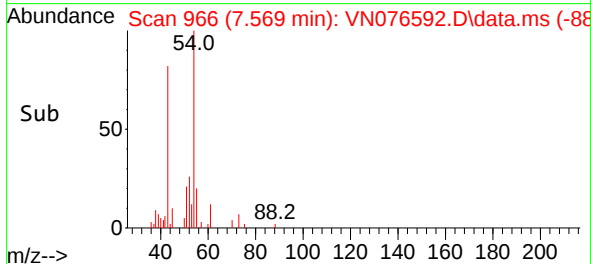
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



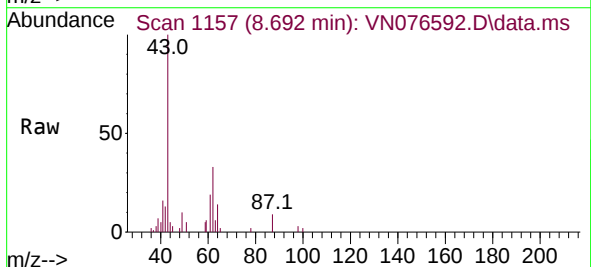
Tgt Ion: 43 Resp: 1657
Ion Ratio Lower Upper
43 100
45 12.3 11.5 17.3

Manual Integrations
APPROVED

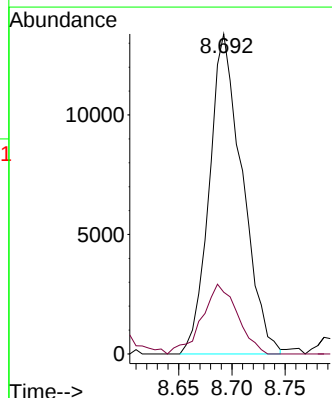
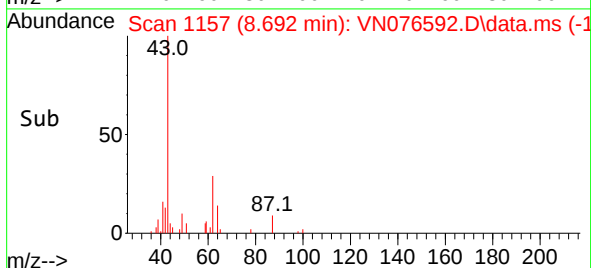
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

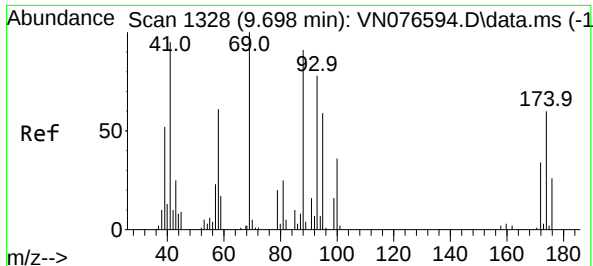


#44
Isopropyl Acetate
Concen: 4.819 ug/l
RT: 8.692 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39



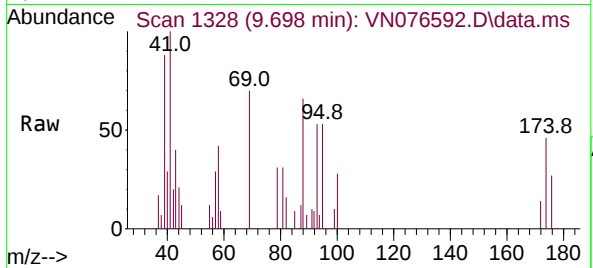
Tgt Ion: 43 Resp: 28868
Ion Ratio Lower Upper
43 100
61 23.4 19.5 29.3





#45
1,4-Dioxane
Concen: 72.121 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

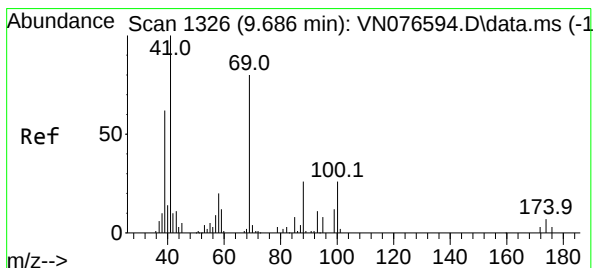
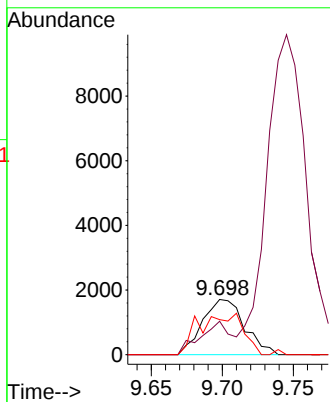
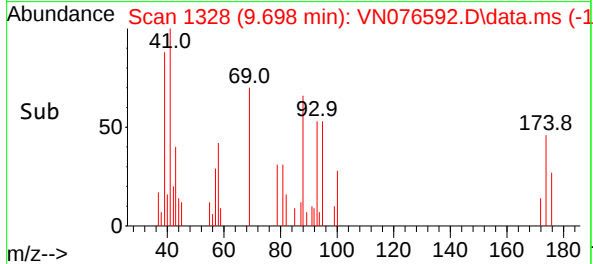
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



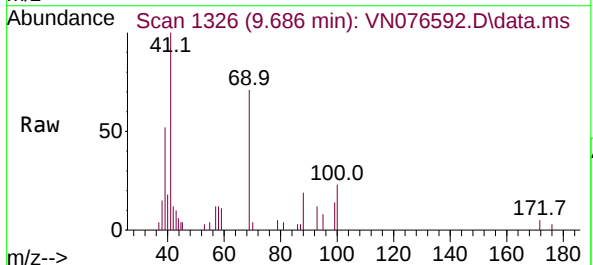
Tgt Ion: 88 Resp: 3520
Ion Ratio Lower Upper
88 100
43 44.3 25.7 38.5
58 33.1 53.4 80.2

Manual Integrations
APPROVED

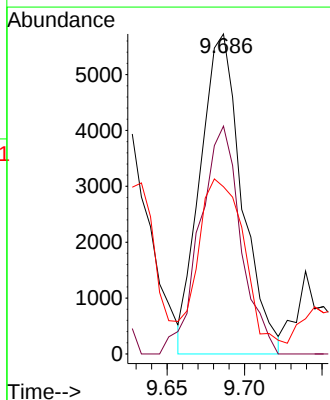
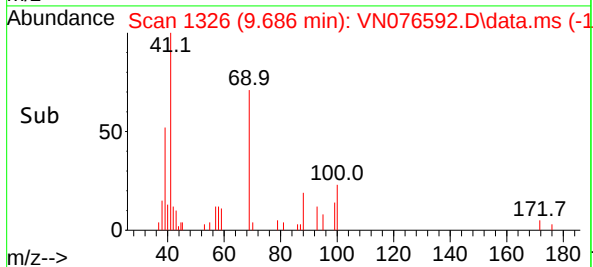
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

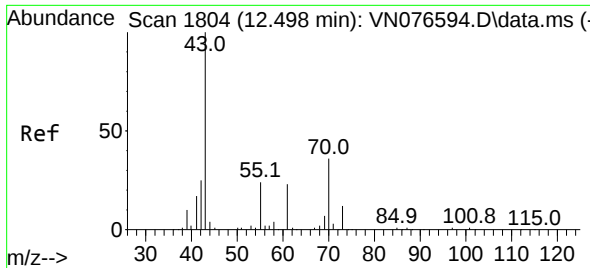


#46
Methyl methacrylate
Concen: 3.718 ug/l
RT: 9.686 min Scan# 1326
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39



Tgt Ion: 41 Resp: 10740
Ion Ratio Lower Upper
41 100
69 75.3 45.6 136.7
39 50.7 32.3 96.9





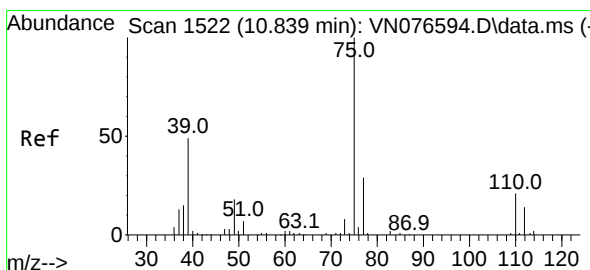
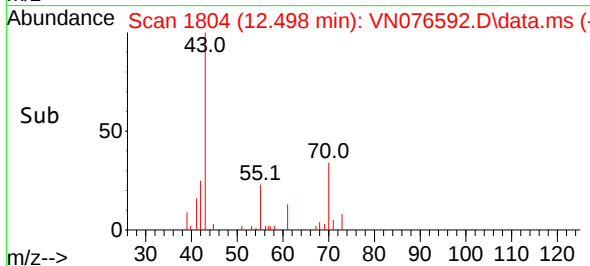
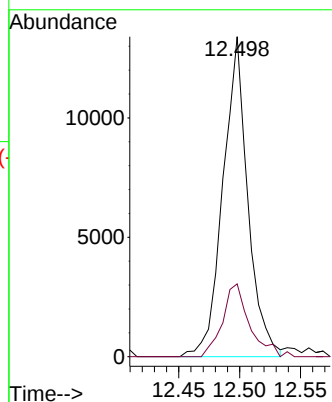
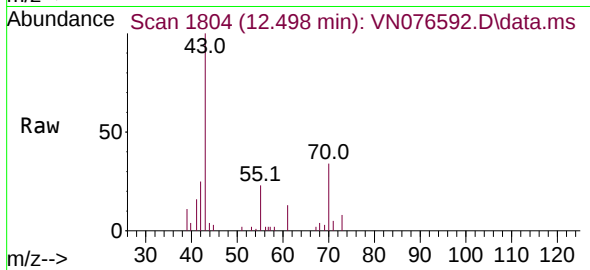
#47
n-amy1 Acetate
Concen: 3.744 ug/l
RT: 12.498 min Scan# 1804
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 1906
Ion Ratio Lower Upper
43 100
55 24.3 16.8 25.2

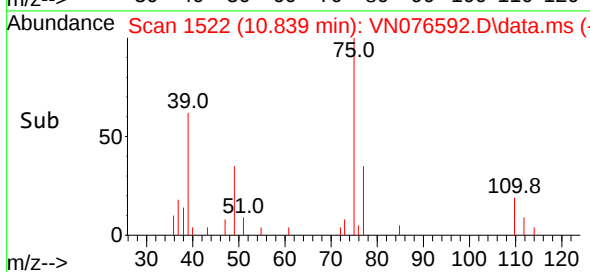
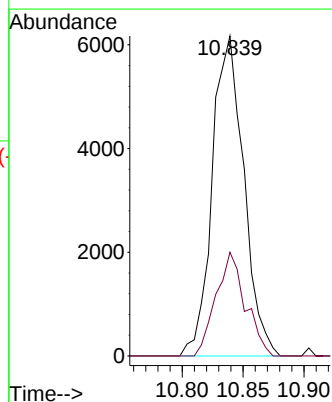
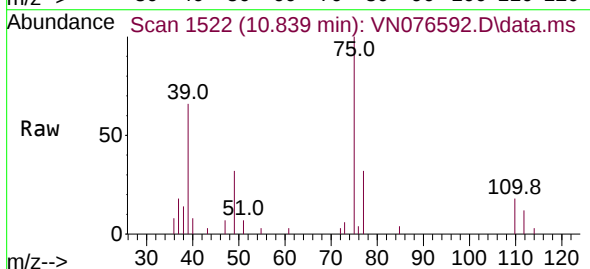
Manual Integrations
APPROVED

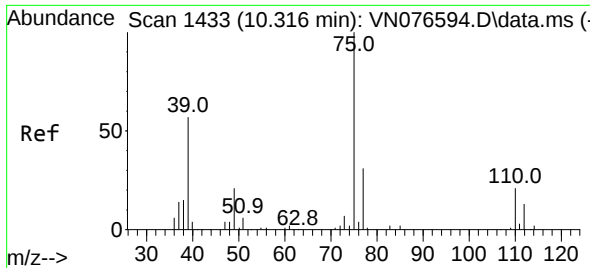
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#48
t-1,3-Dichloropropene
Concen: 3.295 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

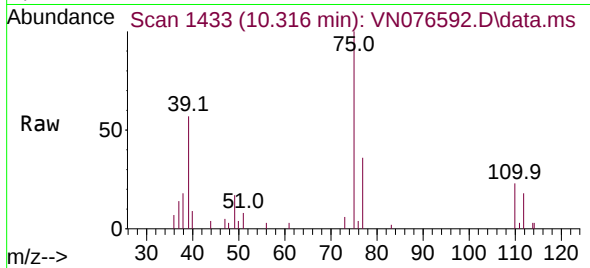
Tgt Ion: 75 Resp: 11133
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8





#49
 cis-1,3-Dichloropropene
 Concen: 3.549 ug/l
 RT: 10.316 min Scan# 1433
 Delta R.T. -0.002 min
 Lab File: VN076592.D
 Acq: 09 Feb 2023 16:39

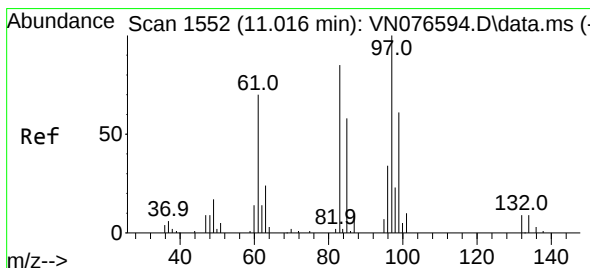
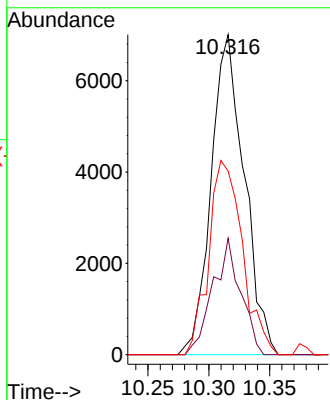
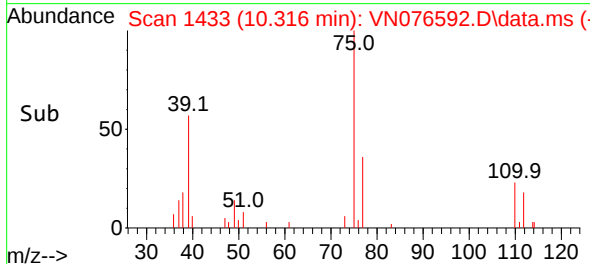
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 75 Resp: 1325
 Ion Ratio Lower Upper
 75 100
 77 36.4 22.5 33.7
 39 57.3 37.6 56.4

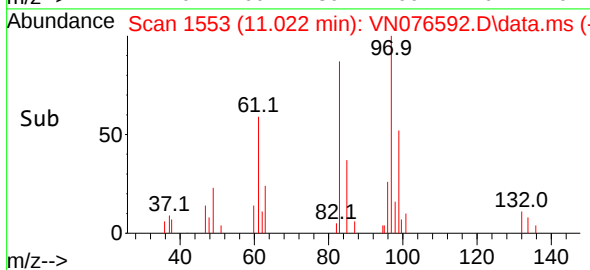
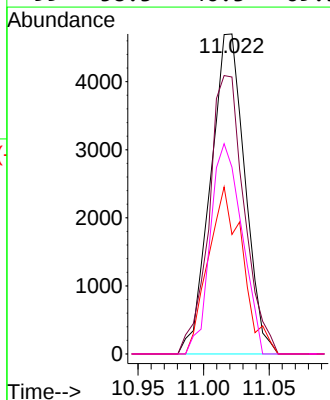
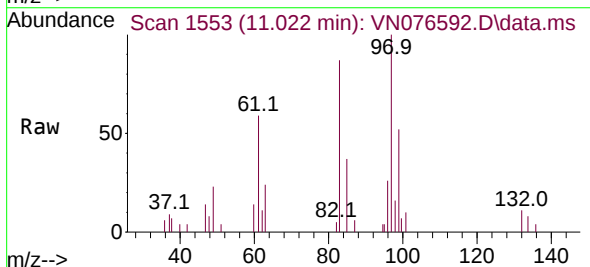
Manual Integrations
 APPROVED

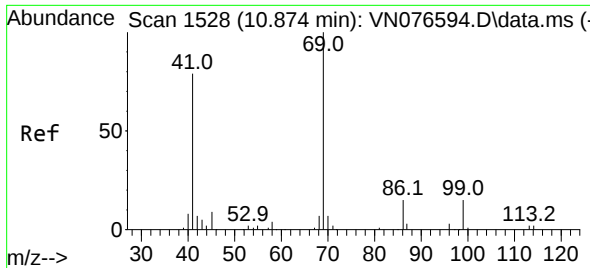
Reviewed By :John Carlone 02/10/2023
 Supervised By :Semsettin Yesilyurt 02/10/2023



#50
 1,1,2-Trichloroethane
 Concen: 3.953 ug/l
 RT: 11.022 min Scan# 1553
 Delta R.T. 0.004 min
 Lab File: VN076592.D
 Acq: 09 Feb 2023 16:39

Tgt Ion: 97 Resp: 8569
 Ion Ratio Lower Upper
 97 100
 83 86.6 69.2 103.8
 85 37.3 41.4 62.2
 99 58.3 46.3 69.5





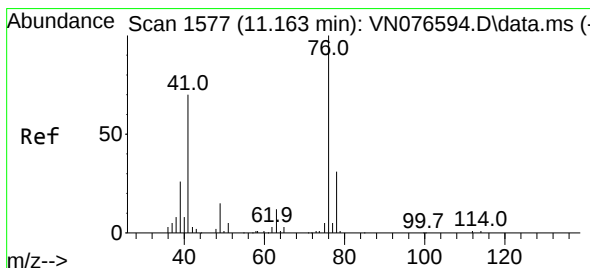
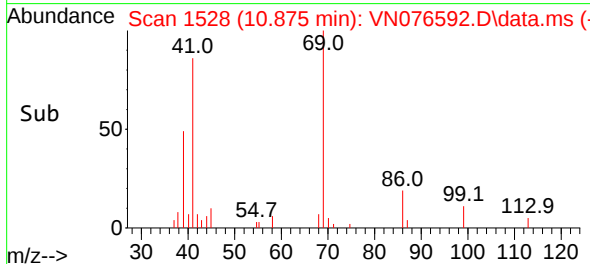
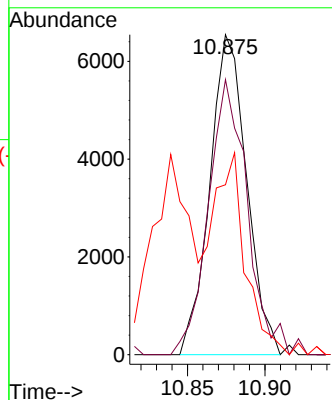
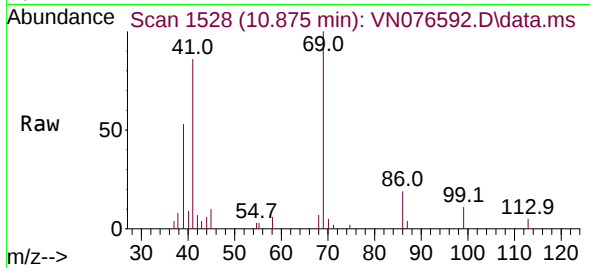
#51
Ethyl methacrylate
Concen: 3.143 ug/l
RT: 10.875 min Scan# 1528
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 69 Resp: 10818
Ion Ratio Lower Upper
69 100
41 79.4 32.5 97.5
39 45.7 21.5 64.5

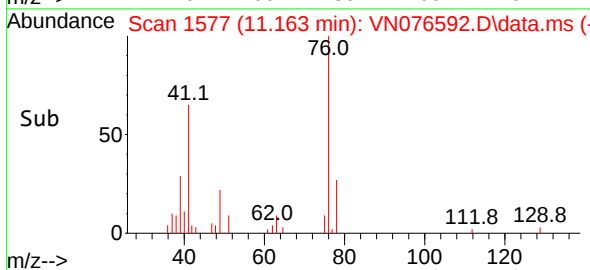
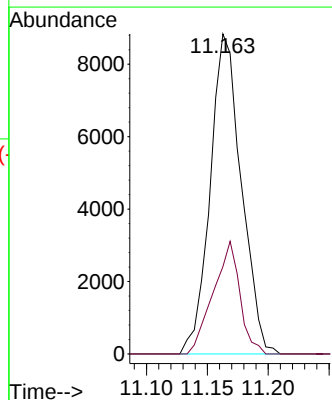
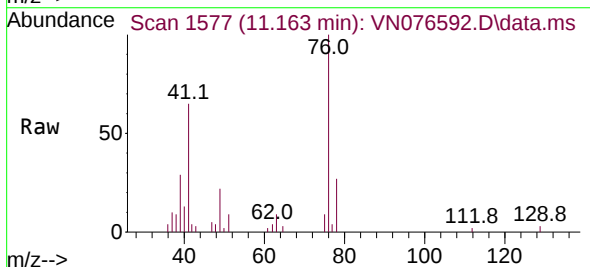
Manual Integrations
APPROVED

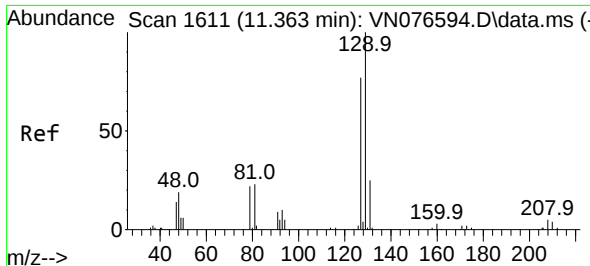
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#52
1,3-Dichloropropane
Concen: 3.895 ug/l
RT: 11.163 min Scan# 1577
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Tgt Ion: 76 Resp: 15737
Ion Ratio Lower Upper
76 100
78 30.0 0.0 63.8





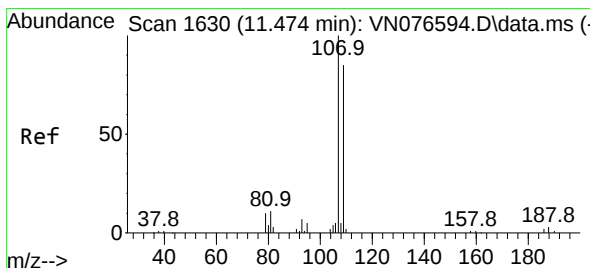
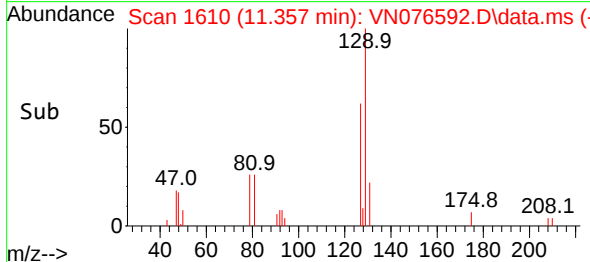
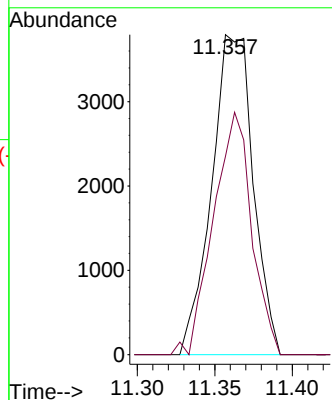
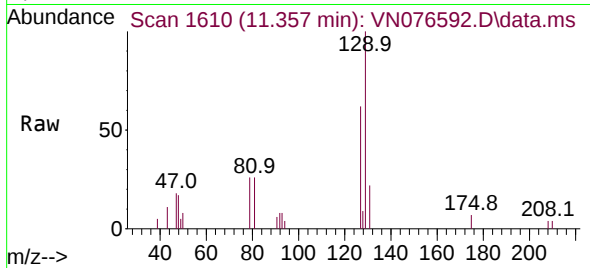
#53
Dibromochloromethane
Concen: 3.148 ug/l
RT: 11.357 min Scan# 1610
Delta R.T. -0.008 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 7091
Ion Ratio Lower Upper
129 100
127 68.8 40.6 121.7

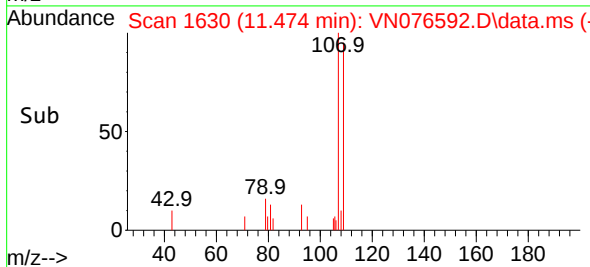
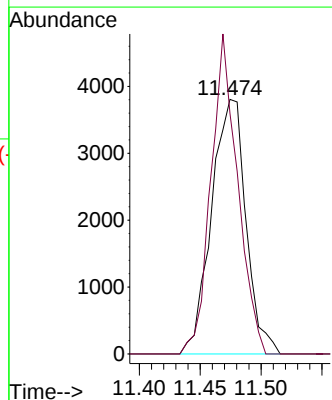
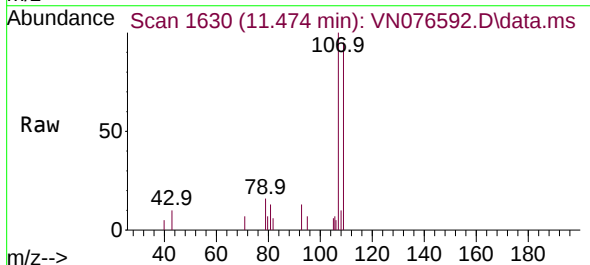
Manual Integrations
APPROVED

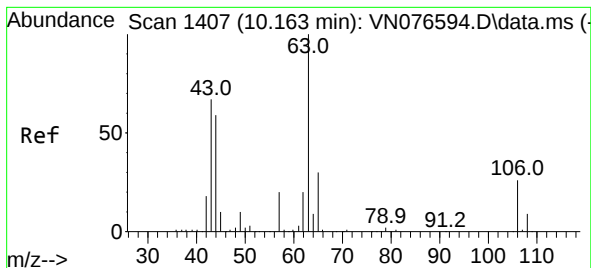
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#54
1,2-Dibromoethane
Concen: 3.418 ug/l
RT: 11.474 min Scan# 1630
Delta R.T. 0.003 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Tgt Ion:107 Resp: 7497
Ion Ratio Lower Upper
107 100
109 97.7 76.2 114.2





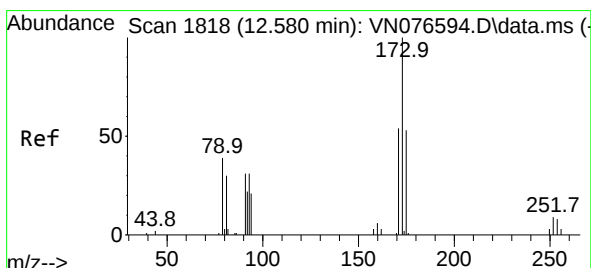
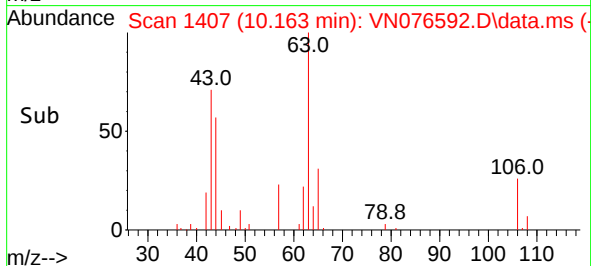
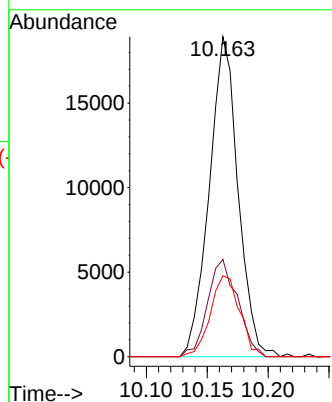
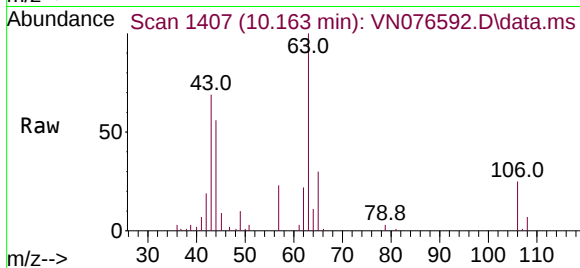
#55
2-Chloroethyl vinyl ether
Concen: 19.812 ug/l
RT: 10.163 min Scan# 1407
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 31149
Ion Ratio Lower Upper
63 100
65 31.6 24.6 36.8
106 25.9 21.3 31.9

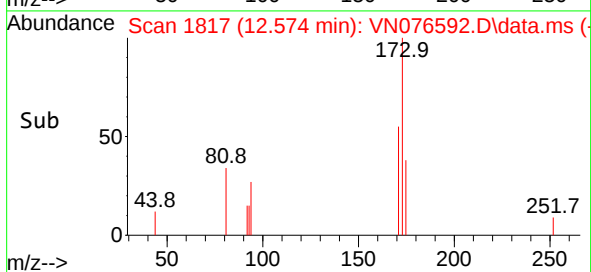
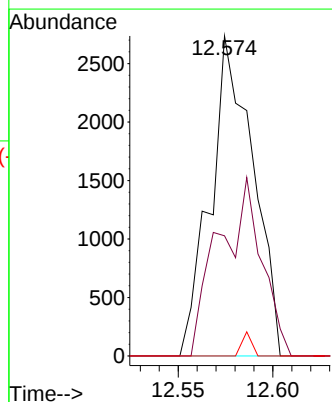
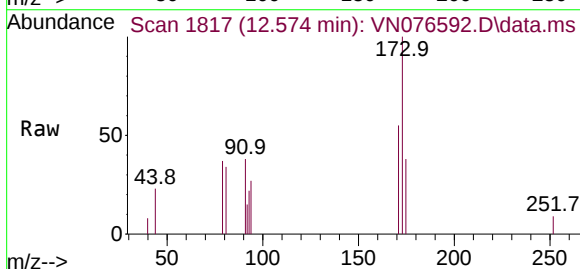
Manual Integrations
APPROVED

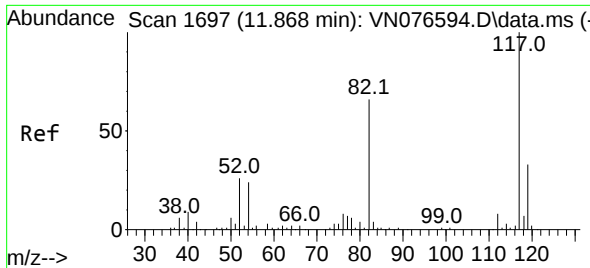
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#56
Bromoform
Concen: 2.949 ug/l
RT: 12.574 min Scan# 1817
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Tgt Ion:173 Resp: 4278
Ion Ratio Lower Upper
173 100
175 29.1 39.1 58.7#
254 0.0 7.0 10.6#





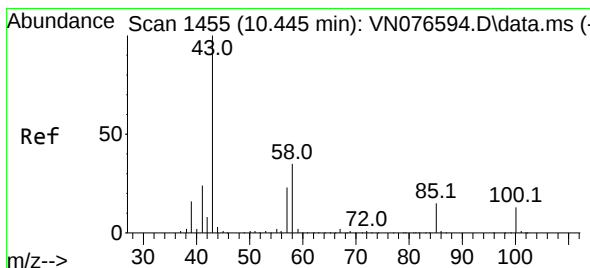
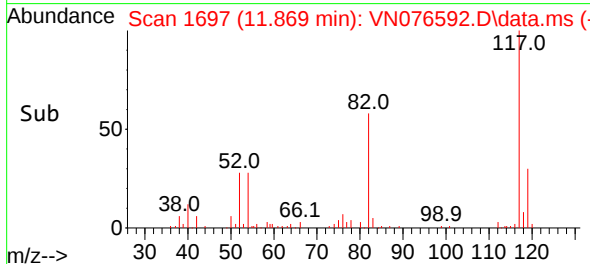
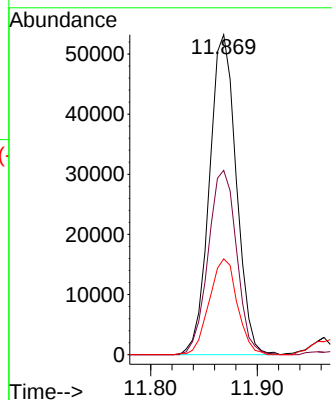
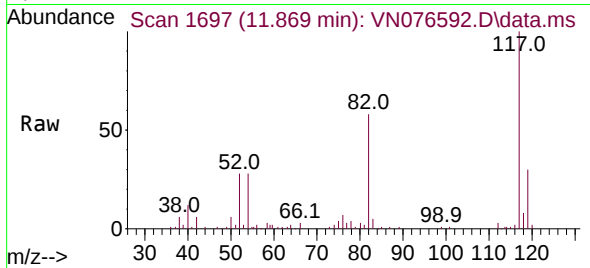
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.869 min Scan# 117
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 93250
Ion Ratio Lower Upper
117 100
82 60.8 44.6 67.0
119 31.2 25.6 38.4

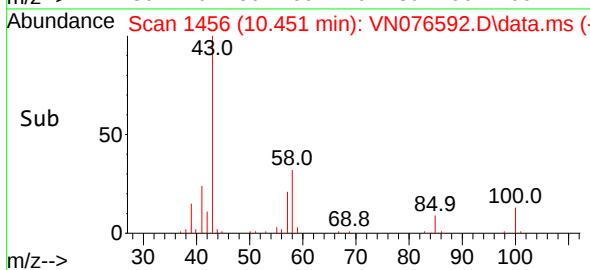
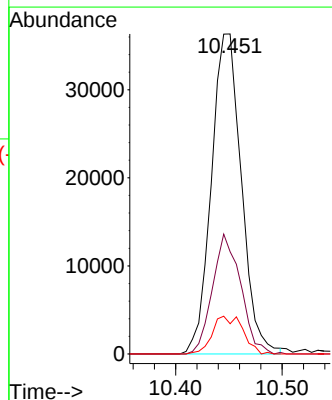
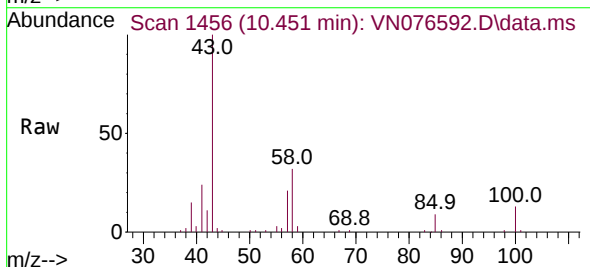
Manual Integrations
APPROVED

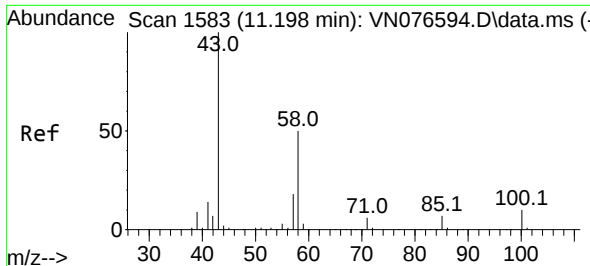
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#58
4-Methyl-2-Pentanone
Concen: 27.269 ug/l
RT: 10.451 min Scan# 1456
Delta R.T. 0.004 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

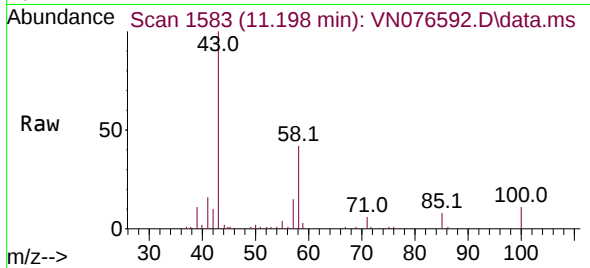
Tgt Ion: 43 Resp: 71089
Ion Ratio Lower Upper
43 100
58 35.1 30.8 46.2
85 7.4 13.3 19.9#





#59
2-Hexanone
Concen: 26.202 ug/l
RT: 11.198 min Scan# 1583
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

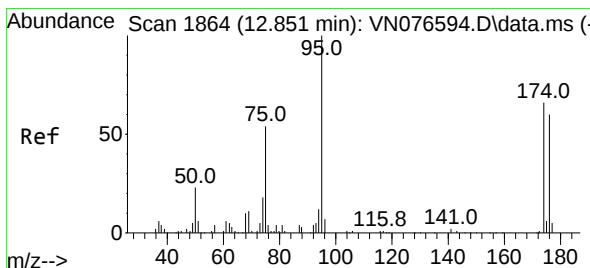
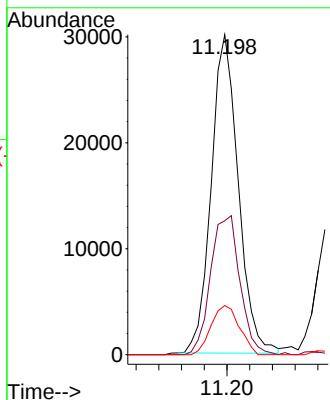
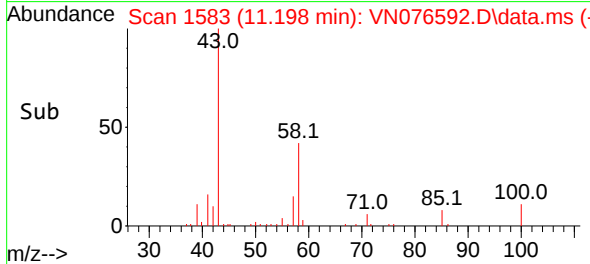
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 49664
Ion Ratio Lower Upper
43 100
58 47.4 43.6 65.4
57 16.2 14.3 21.5

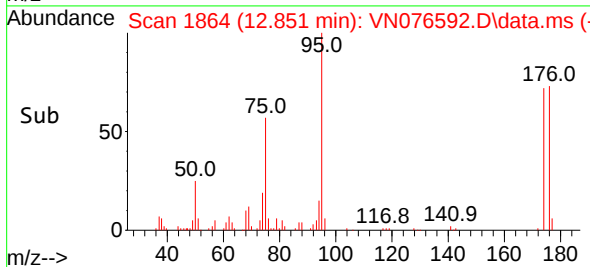
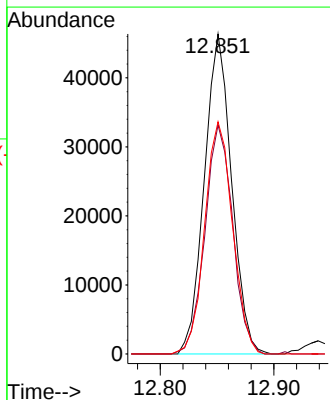
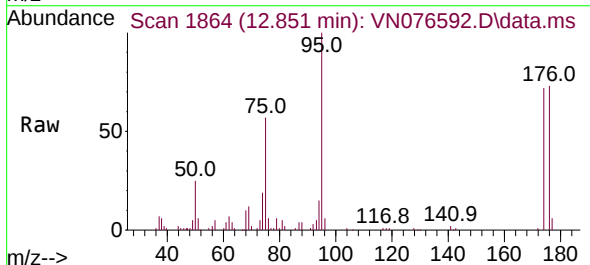
Manual Integrations
APPROVED

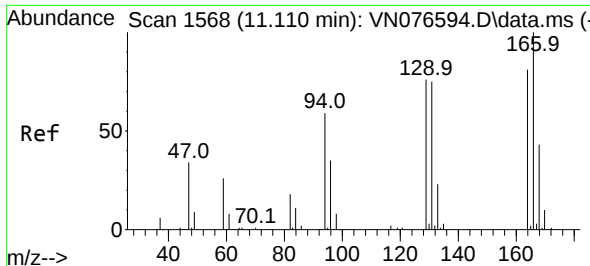
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#60
4-Bromofluorobenzene
Concen: 36.672 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

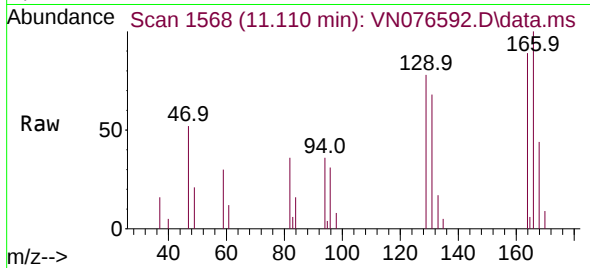
Tgt Ion: 95 Resp: 77208
Ion Ratio Lower Upper
95 100
174 72.9 57.8 86.8
176 74.4 57.0 85.4





#61
Tetrachloroethene
Concen: 4.375 ug/l
RT: 11.110 min Scan# 1568
Delta R.T. 0.004 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

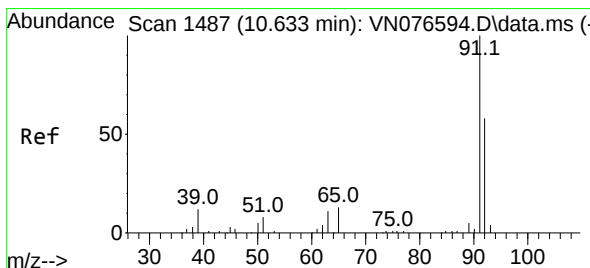
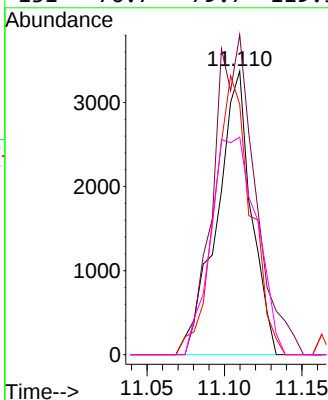
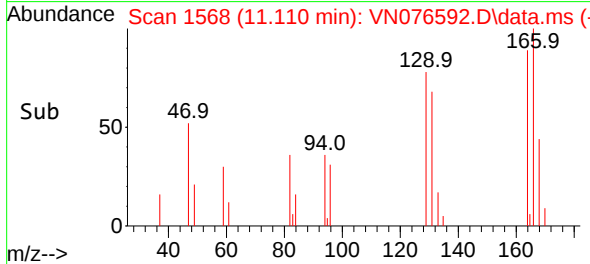
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



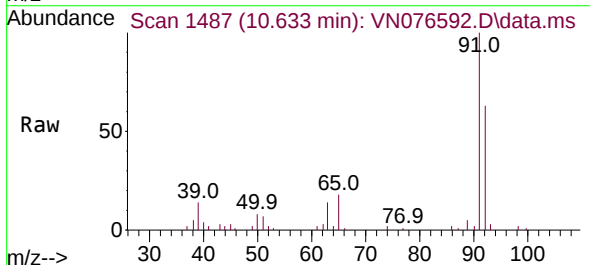
Tgt Ion:164 Resp: 5215
Ion Ratio Lower Upper
164 100
166 112.8 99.6 149.4
129 88.2 84.0 126.0
131 76.7 79.7 119.5#

Manual Integrations
APPROVED

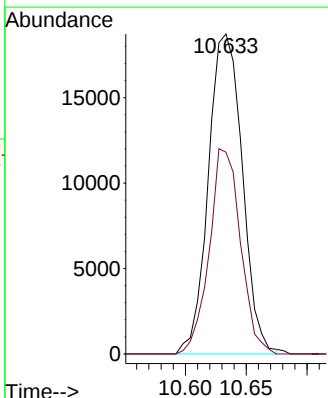
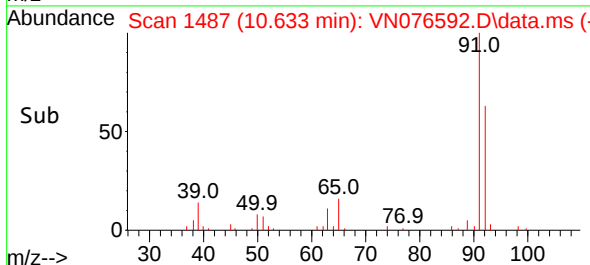
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

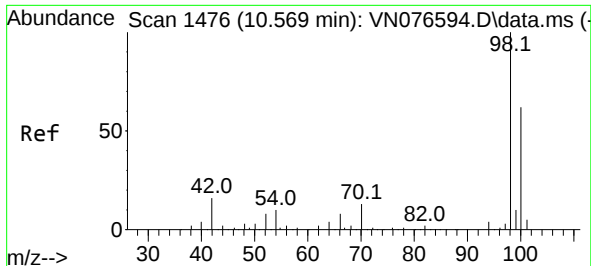


#62
Toluene
Concen: 5.251 ug/l
RT: 10.633 min Scan# 1487
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39



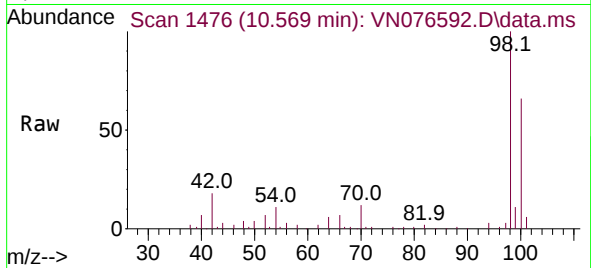
Tgt Ion: 91 Resp: 36309
Ion Ratio Lower Upper
91 100
92 59.0 46.0 69.0





#63
Toluene-d8
Concen: 30.827 ug/l
RT: 10.569 min Scan# 1476
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

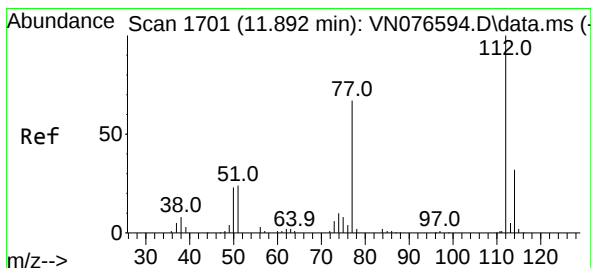
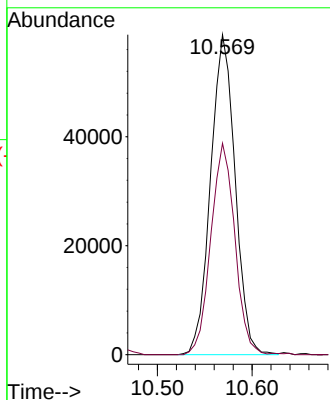
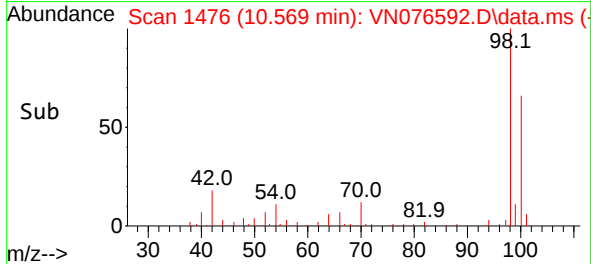
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 98 Resp: 10555
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1

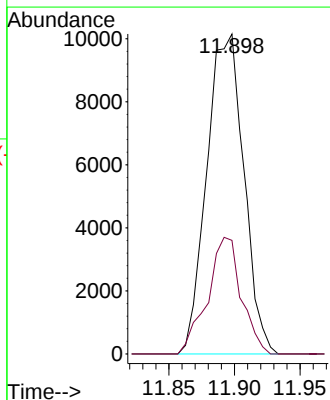
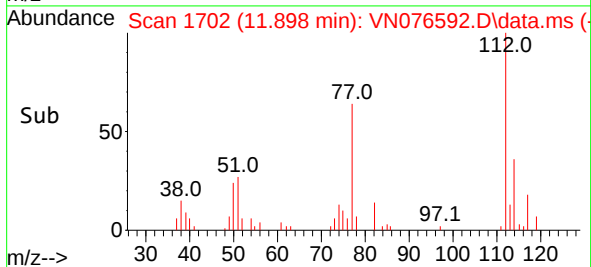
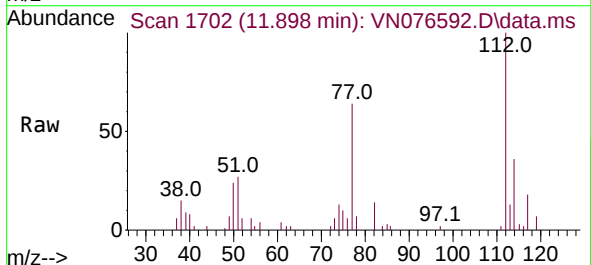
Manual Integrations
APPROVED

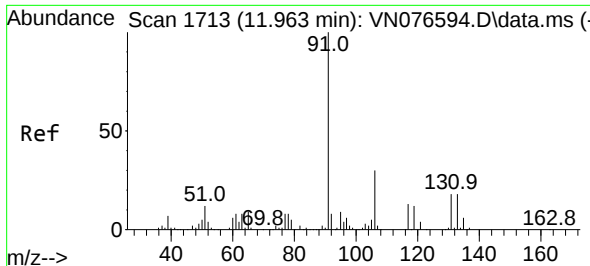
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#64
Chlorobenzene
Concen: 4.974 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.004 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

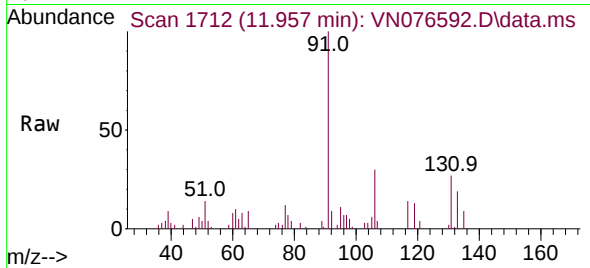
Tgt Ion:112 Resp: 19924
Ion Ratio Lower Upper
112 100
114 35.5 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 4.706 ug/l
RT: 11.957 min Scan# 1712
Delta R.T. -0.008 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

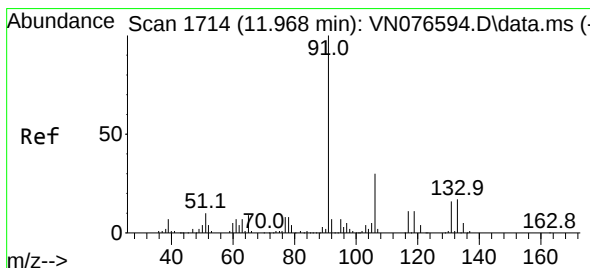
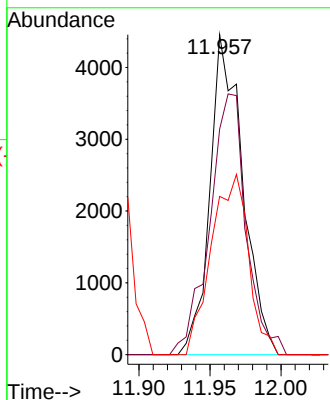
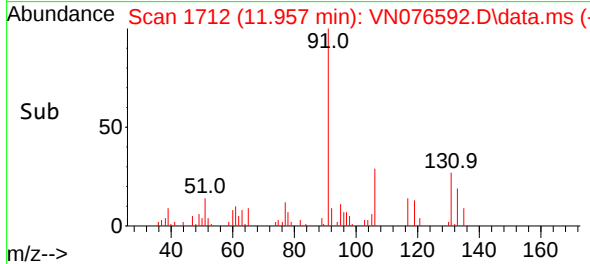
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:131 Resp: 7140
Ion Ratio Lower Upper
131 100
133 90.9 0.0 191.8
119 64.1 0.0 135.8

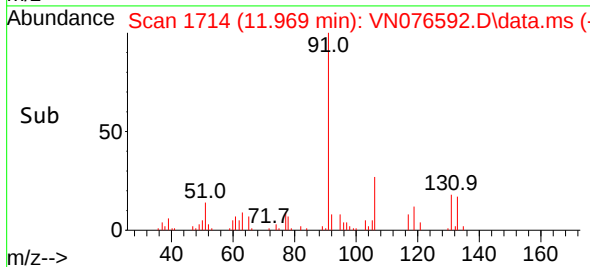
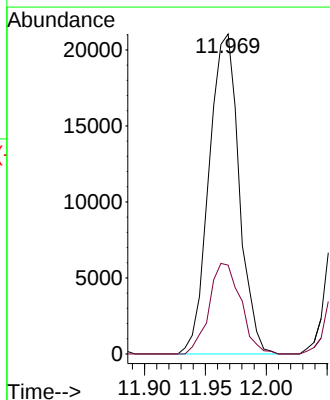
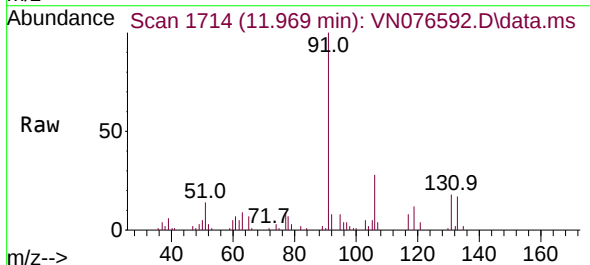
Manual Integrations
APPROVED

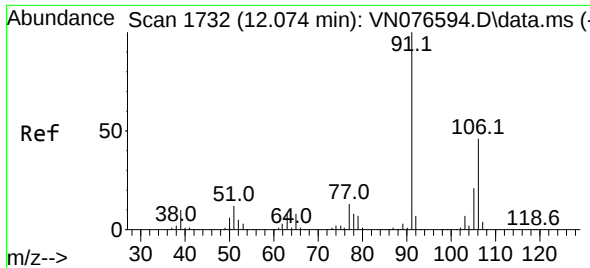
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#66
Ethyl Benzene
Concen: 4.782 ug/l
RT: 11.969 min Scan# 1714
Delta R.T. 0.004 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Tgt Ion: 91 Resp: 36249
Ion Ratio Lower Upper
91 100
106 27.7 24.1 36.1





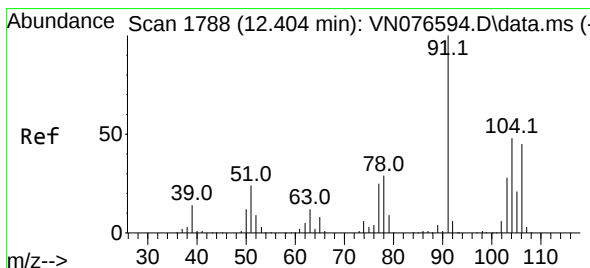
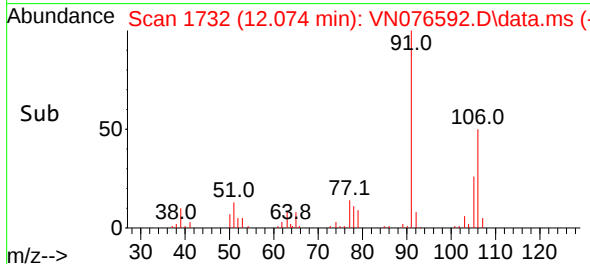
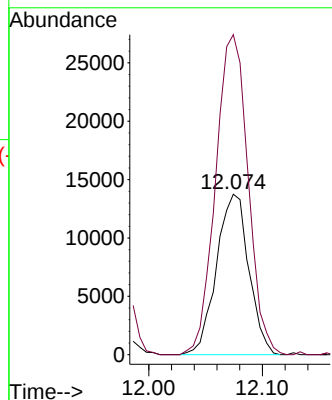
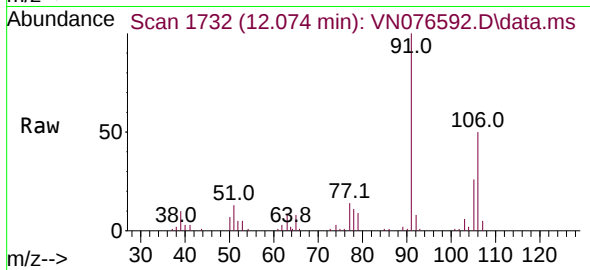
#67
m/p-Xylenes
Concen: 9.556 ug/l
RT: 12.074 min Scan# 1732
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 2717
Ion Ratio Lower Upper
106 100
91 200.1 164.2 246.4

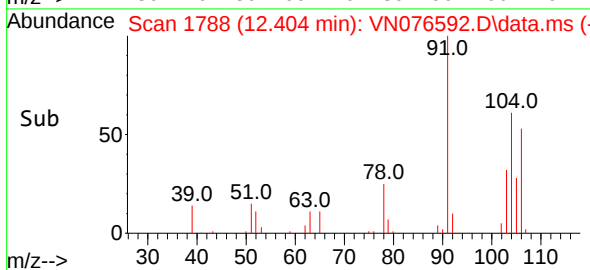
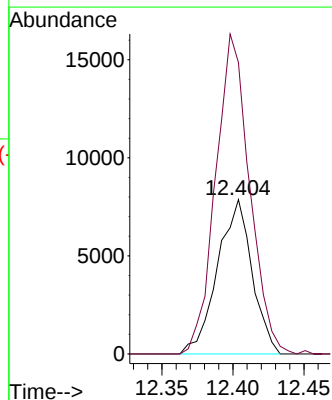
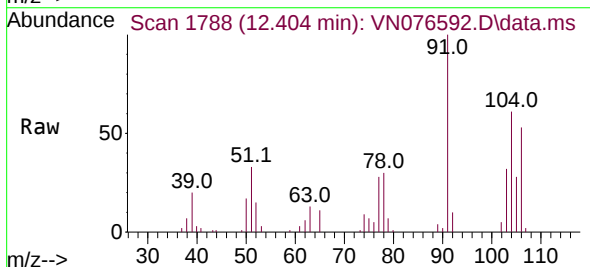
Manual Integrations
APPROVED

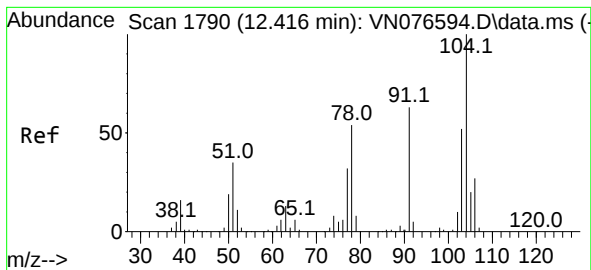
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#68
o-Xylene
Concen: 4.757 ug/l
RT: 12.404 min Scan# 1788
Delta R.T. 0.004 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Tgt Ion:106 Resp: 13328
Ion Ratio Lower Upper
106 100
91 203.2 108.5 325.5





#69

Styrene

Concen: 4.409 ug/l

RT: 12.416 min Scan# 11

Delta R.T. 0.004 min

Lab File: VN076592.D

Acq: 09 Feb 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

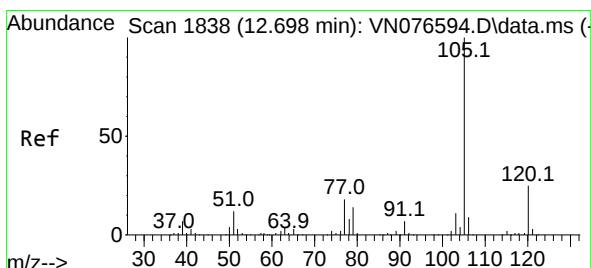
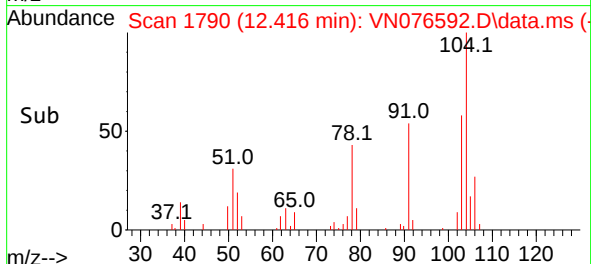
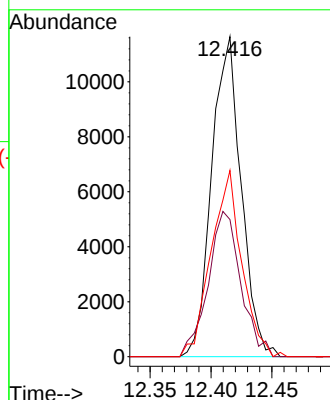
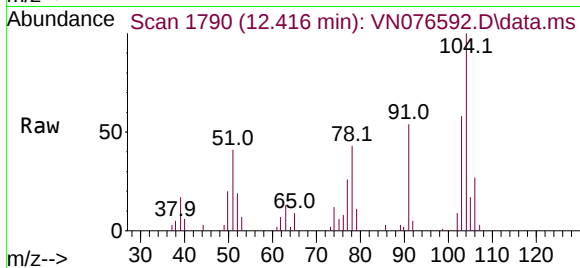
Tgt Ion:104	Resp:	1960
Ion Ratio	Lower	Upper
104	100	
78	50.3	39.9 59.9
103	60.4	43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#70

Isopropylbenzene

Concen: 5.112 ug/l

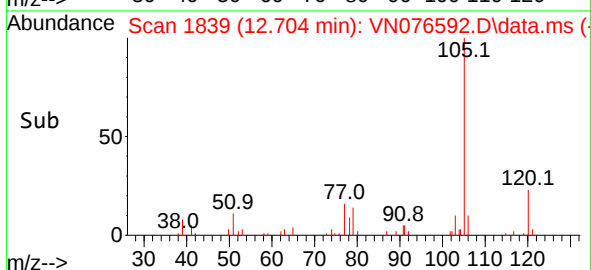
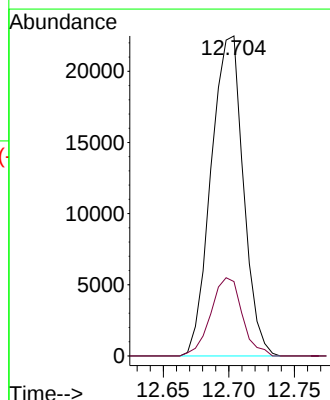
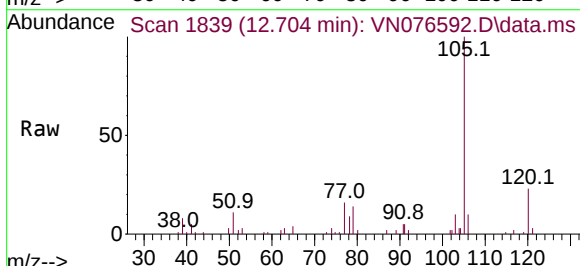
RT: 12.704 min Scan# 1839

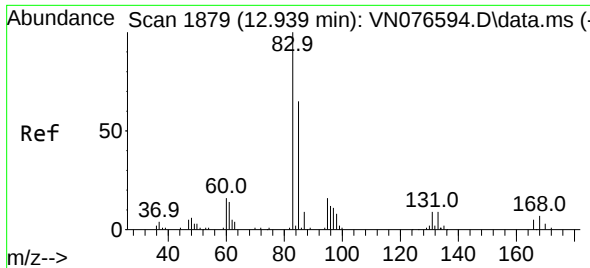
Delta R.T. 0.004 min

Lab File: VN076592.D

Acq: 09 Feb 2023 16:39

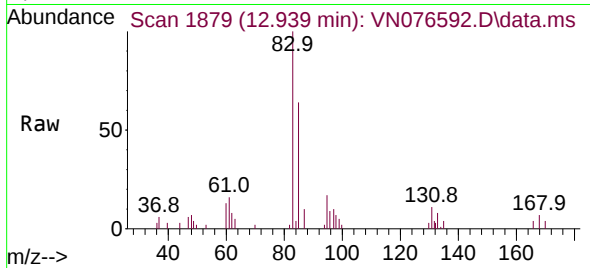
Tgt Ion:105	Resp:	38382
Ion Ratio	Lower	Upper
105	100	
120	23.9	18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 7.140 ug/l
RT: 12.939 min Scan# 1879
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

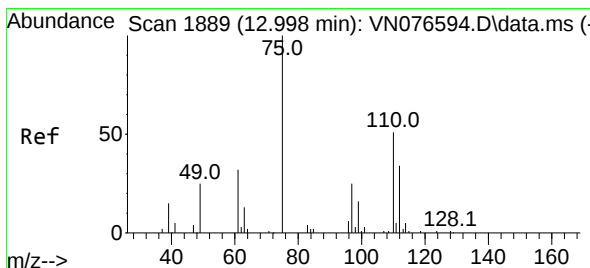
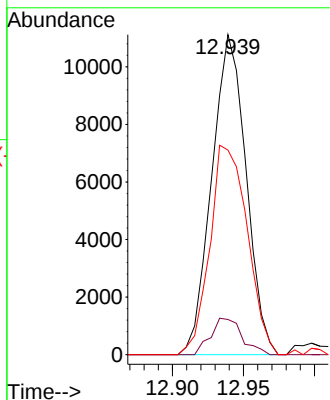
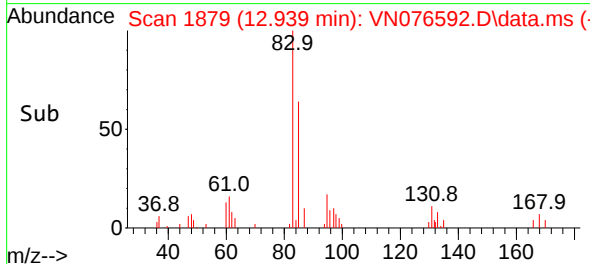
Instrument : MSVOA_N
ClientSampleId : VSTDIC005



Tgt Ion: 83 Resp: 18690
Ion Ratio Lower Upper
83 100
131 10.4 4.5 13.5
85 71.3 30.9 92.7

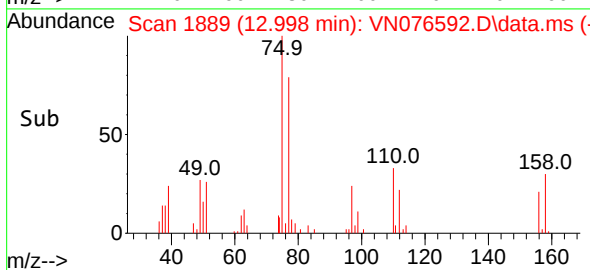
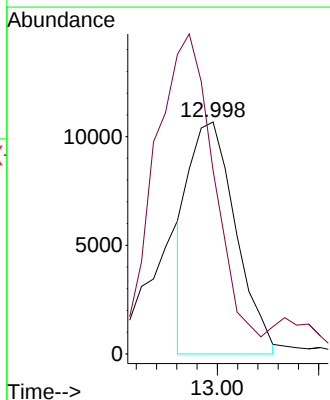
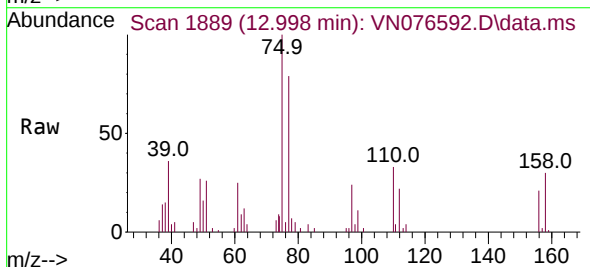
Manual Integrations
APPROVED

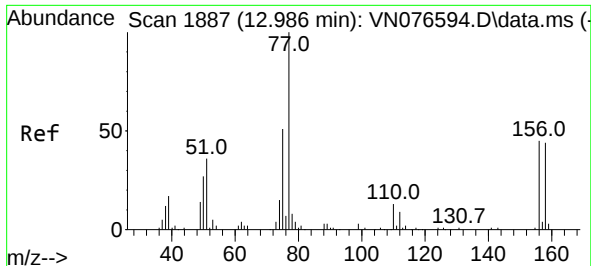
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#72
1,2,3-Trichloropropane
Concen: 7.193 ug/l m
RT: 12.998 min Scan# 1889
Delta R.T. 0.004 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

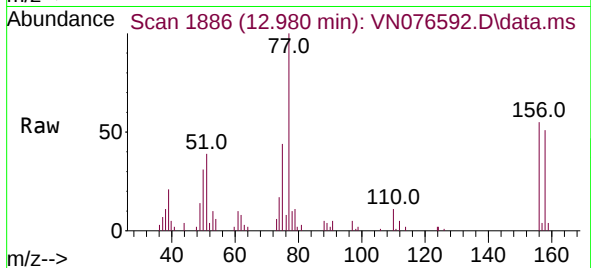
Tgt Ion: 75 Resp: 17147
Ion Ratio Lower Upper
75 100
77 178.1 0.0 372.4





#73
Bromobenzene
Concen: 6.954 ug/l
RT: 12.980 min Scan# 1886
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

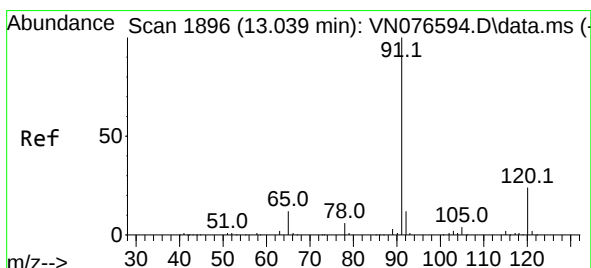
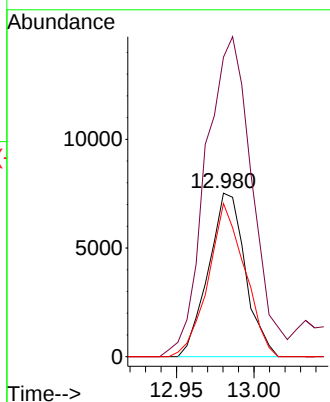
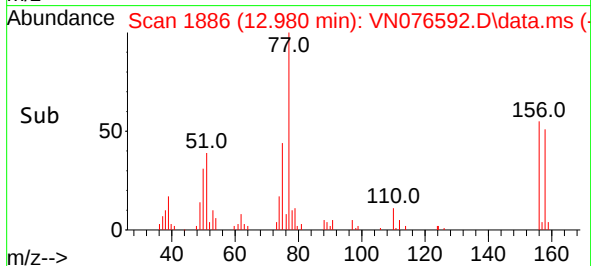
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



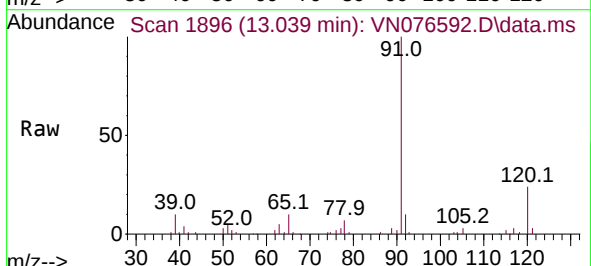
Tgt Ion:156 Resp: 12390
Ion Ratio Lower Upper
156 100
77 246.5 0.0 491.8
158 93.1 0.0 185.0

Manual Integrations
APPROVED

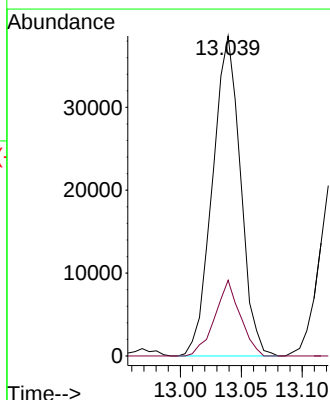
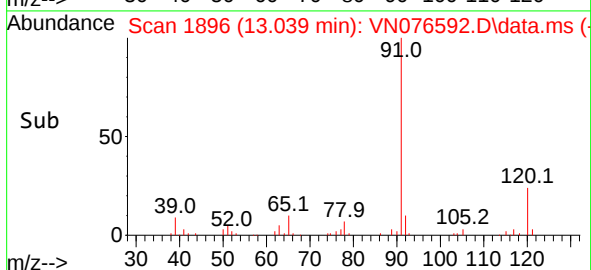
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

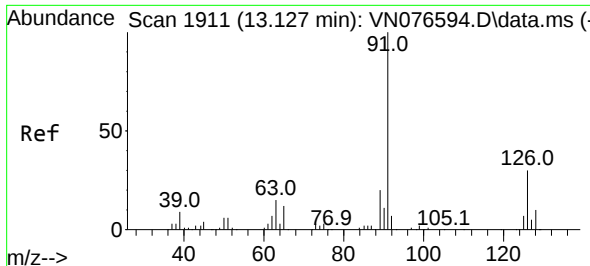


#74
n-propylbenzene
Concen: 6.423 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39



Tgt Ion: 91 Resp: 61857
Ion Ratio Lower Upper
91 100
120 21.4 0.0 44.6





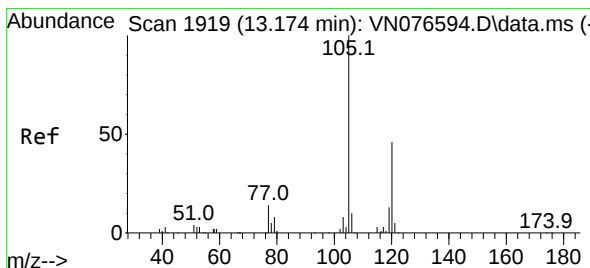
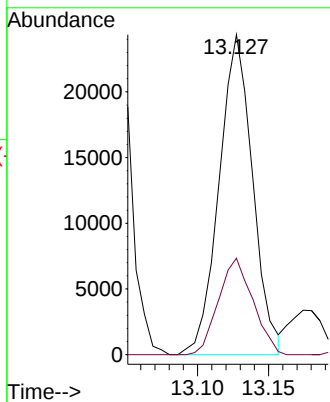
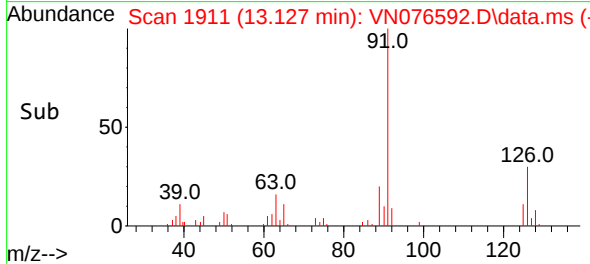
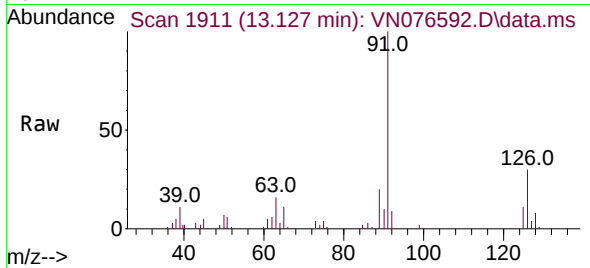
#75
2-Chlorotoluene
Concen: 6.604 ug/l
RT: 13.127 min Scan# 1911
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 4000
Ion Ratio Lower Upper
91 100
126 31.0 0.0 66.2

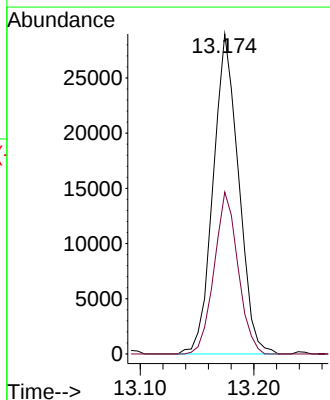
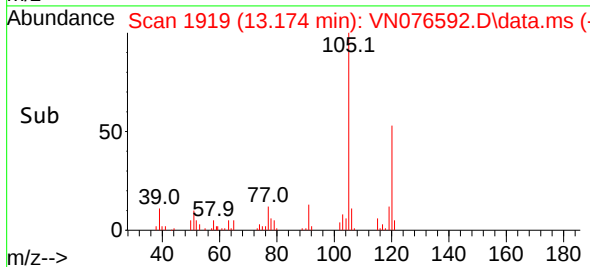
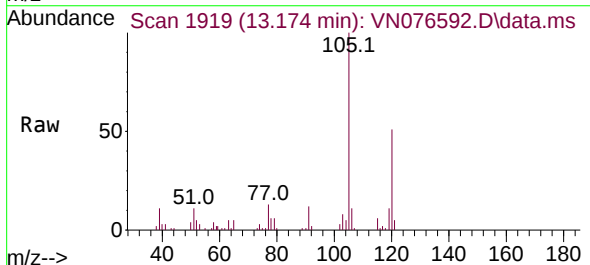
Manual Integrations
APPROVED

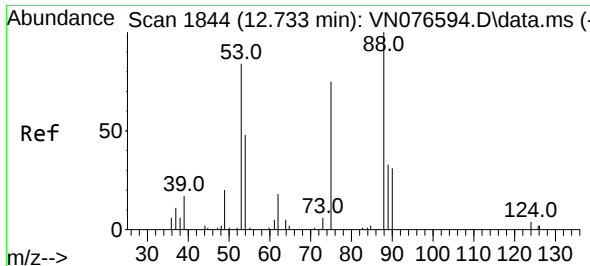
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#76
1,3,5-Trimethylbenzene
Concen: 6.429 ug/l
RT: 13.174 min Scan# 1919
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

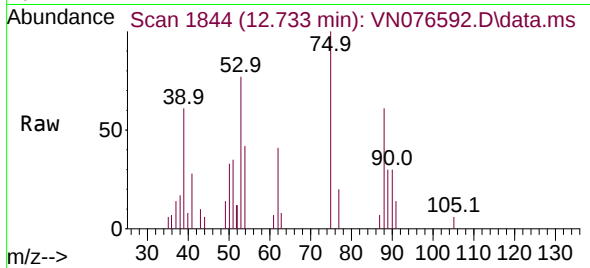
Tgt Ion:105 Resp: 45074
Ion Ratio Lower Upper
105 100
120 47.4 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 5.505 ug/l
RT: 12.733 min Scan# 1844
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

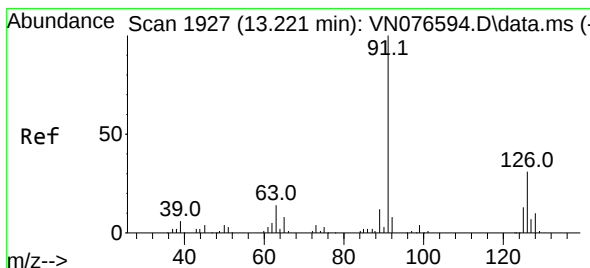
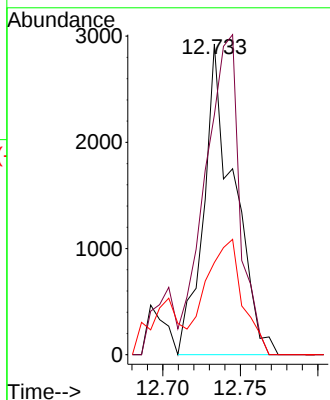
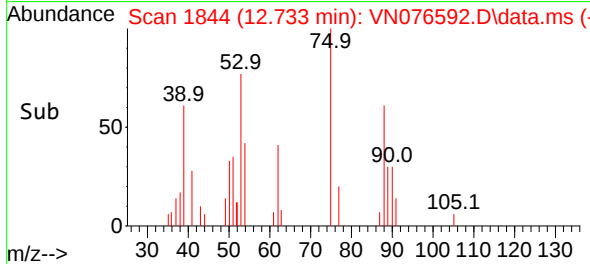
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 3970
Ion Ratio Lower Upper
75 100
53 77.1 43.3 129.9
89 29.7 21.1 63.1

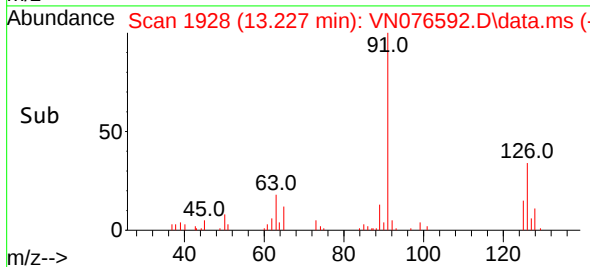
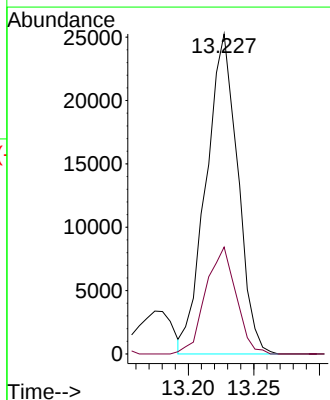
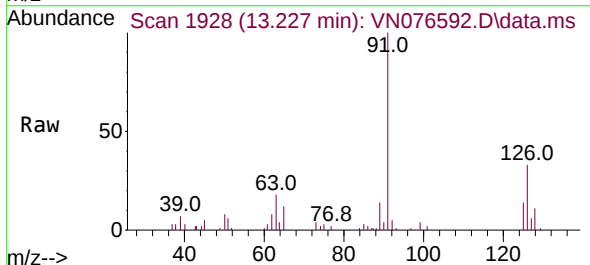
Manual Integrations
APPROVED

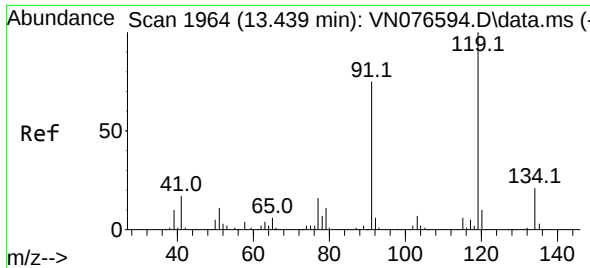
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#78
4-Chlorotoluene
Concen: 6.973 ug/l
RT: 13.227 min Scan# 1928
Delta R.T. 0.004 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Tgt Ion: 91 Resp: 42469
Ion Ratio Lower Upper
91 100
126 32.1 0.0 67.8





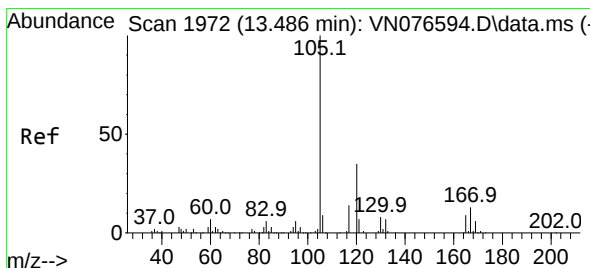
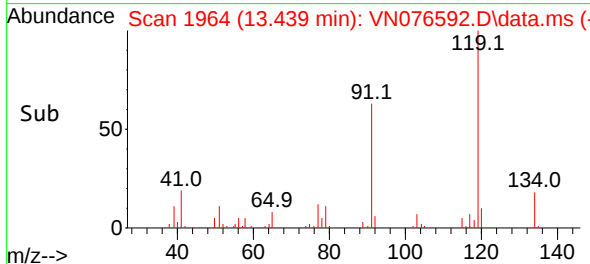
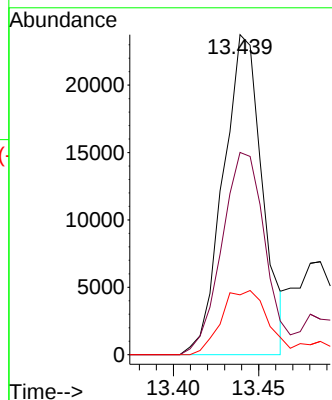
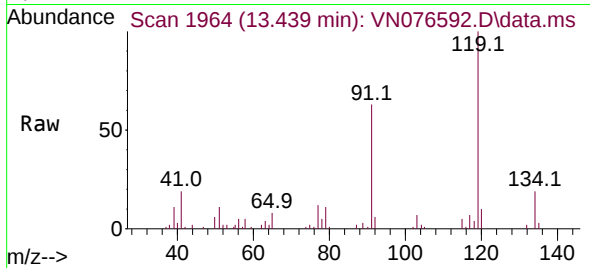
#79
tert-butylbenzene
Concen: 6.387 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 38010
Ion Ratio Lower Upper
119 100
91 69.8 0.0 129.0
134 23.6 0.0 52.2

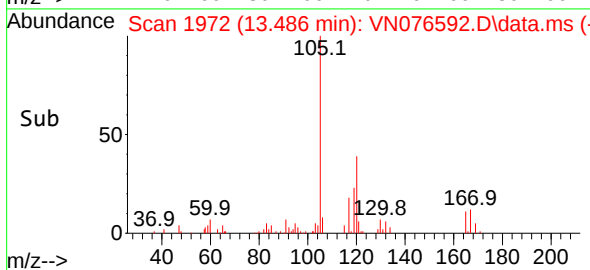
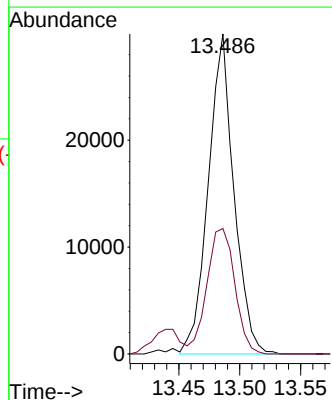
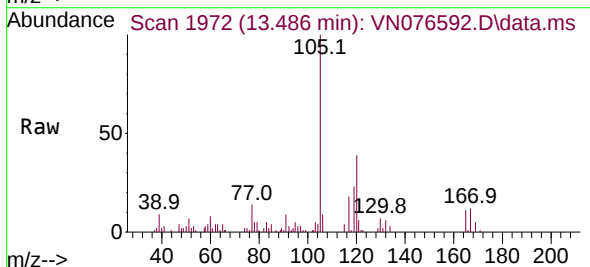
Manual Integrations
APPROVED

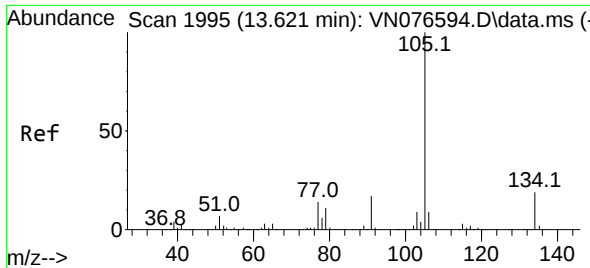
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#80
1,2,4-Trimethylbenzene
Concen: 6.352 ug/l
RT: 13.486 min Scan# 1972
Delta R.T. 0.004 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Tgt Ion:105 Resp: 43920
Ion Ratio Lower Upper
105 100
120 42.5 0.0 93.2





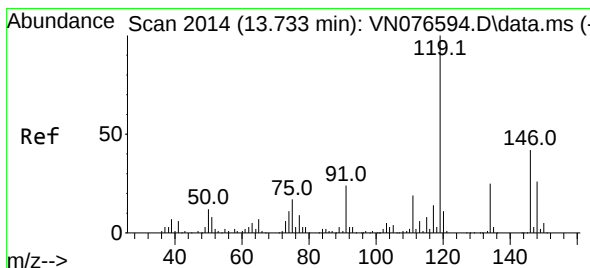
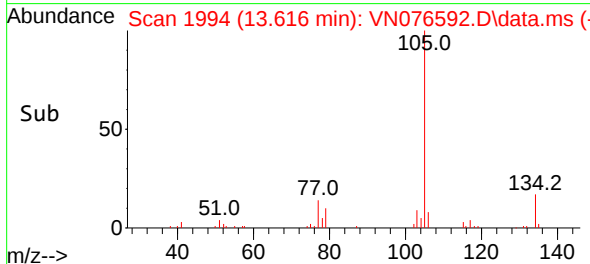
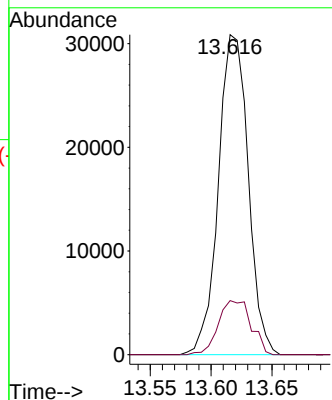
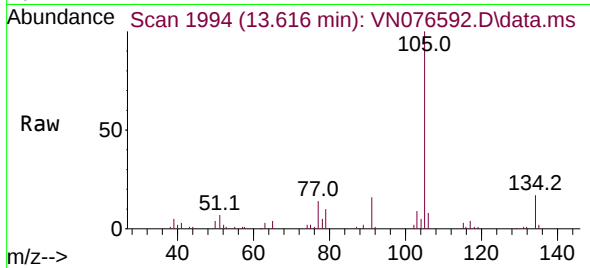
#81
 sec-Butylbenzene
 Concen: 6.319 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. -0.002 min
 Lab File: VN076592.D
 Acq: 09 Feb 2023 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 5265
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 38.8

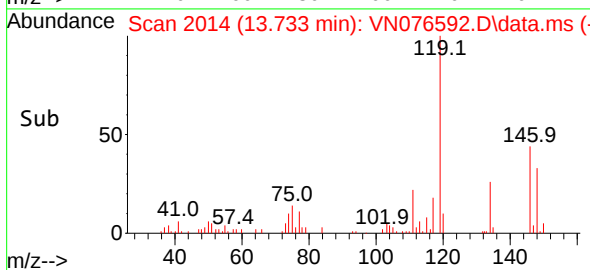
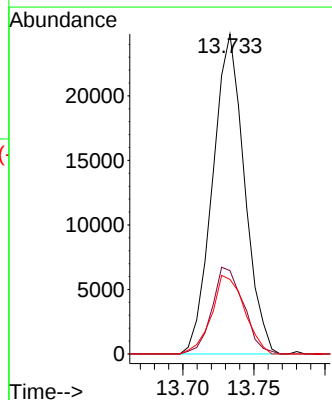
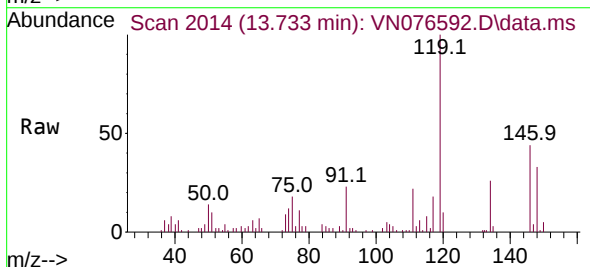
Manual Integrations
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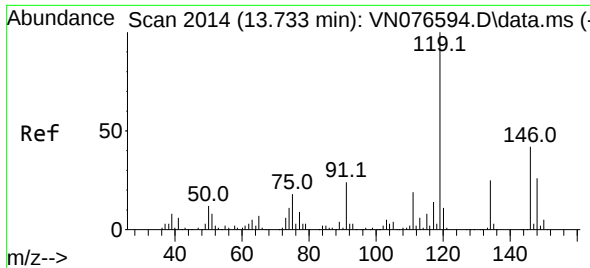
Reviewed By :John Carlone 02/10/2023
 Supervised By :Semsettin Yesilyurt 02/10/2023



#82
 p-Isopropyltoluene
 Concen: 5.762 ug/l
 RT: 13.733 min Scan# 2014
 Delta R.T. 0.004 min
 Lab File: VN076592.D
 Acq: 09 Feb 2023 16:39

Tgt Ion:119 Resp: 38583
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 51.4
 91 25.4 0.0 46.8





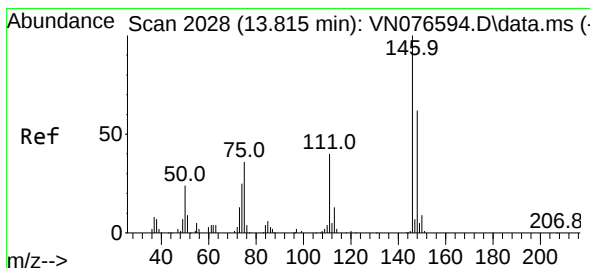
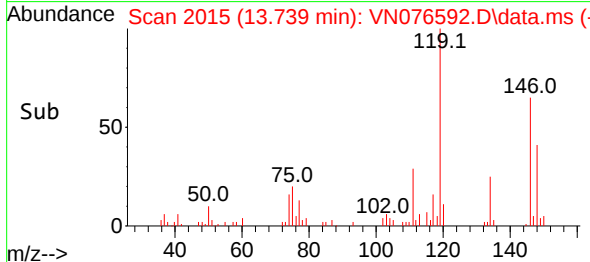
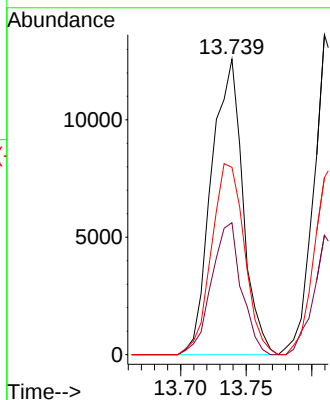
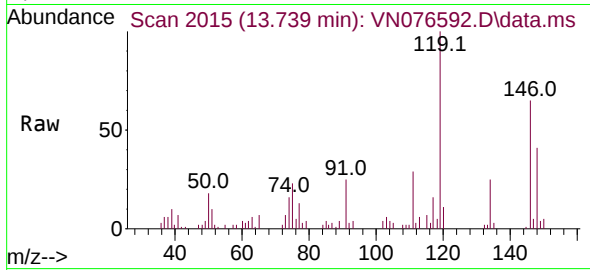
#83
1,3-Dichlorobenzene
Concen: 6.369 ug/l
RT: 13.739 min Scan# 2014
Delta R.T. 0.004 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 20988
Ion Ratio Lower Upper
146 100
111 42.6 20.5 61.5
148 67.8 31.0 93.0

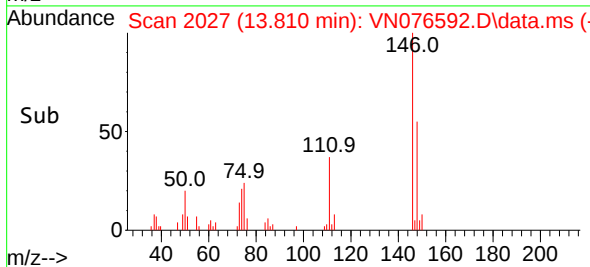
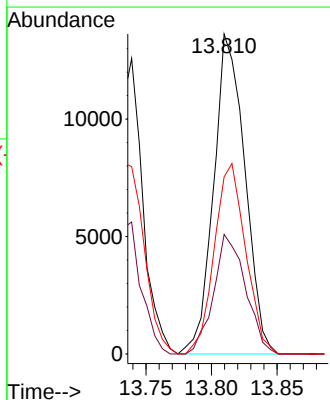
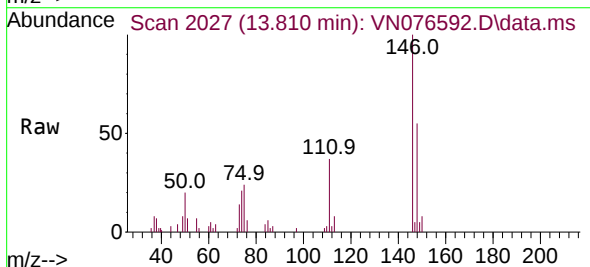
Manual Integrations
APPROVED

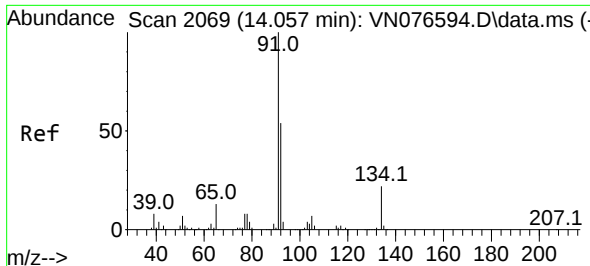
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#84
1,4-Dichlorobenzene
Concen: 6.847 ug/l
RT: 13.810 min Scan# 2027
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Tgt Ion:146 Resp: 22512
Ion Ratio Lower Upper
146 100
111 38.2 19.1 57.5
148 59.8 31.7 95.1





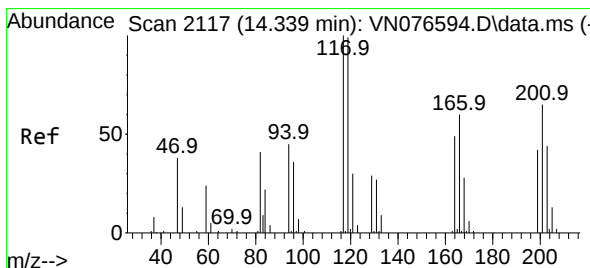
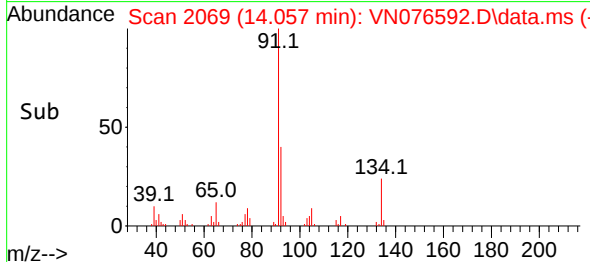
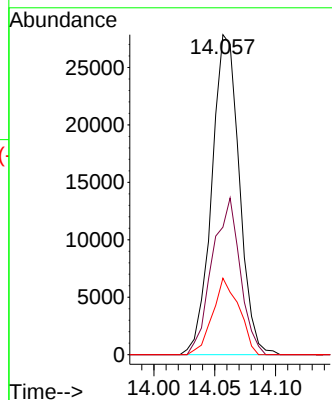
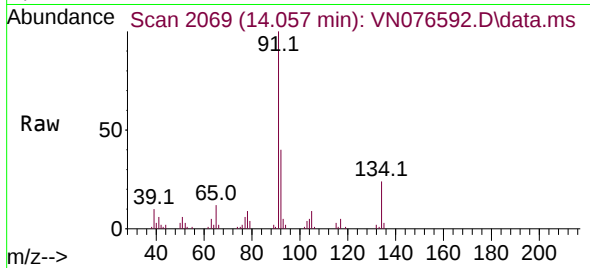
#85
n-Butylbenzene
Concen: 7.058 ug/l
RT: 14.057 min Scan# 2069
Delta R.T. -0.002 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 4388
Ion Ratio Lower Upper
91 100
92 49.7 0.0 105.4
134 22.9 0.0 46.4

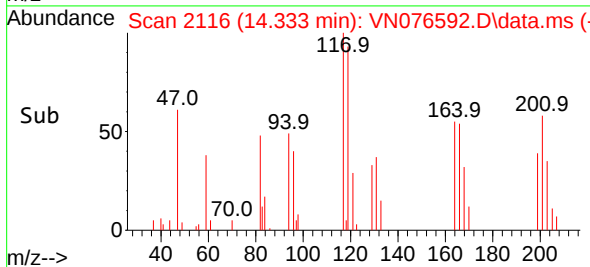
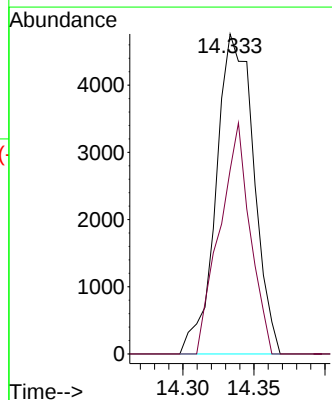
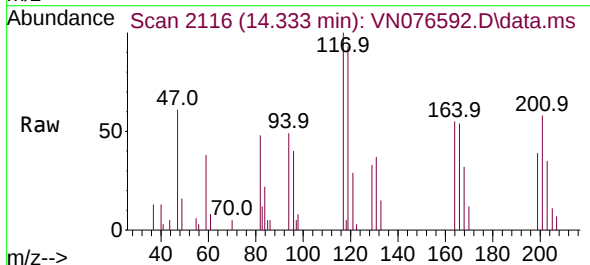
Manual Integrations
APPROVED

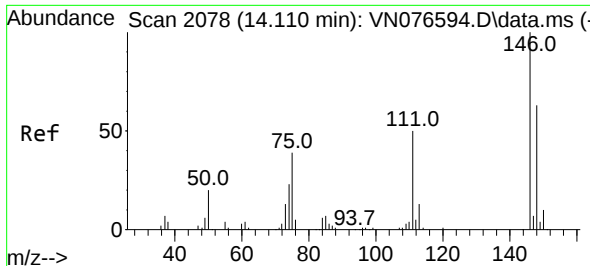
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#86
Hexachloroethane
Concen: 6.723 ug/l
RT: 14.333 min Scan# 2116
Delta R.T. 0.004 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

Tgt Ion:117 Resp: 8740
Ion Ratio Lower Upper
117 100
201 58.5 29.4 88.3





#87

1,2-Dichlorobenzene

Concen: 8.092 ug/l

RT: 14.110 min Scan# 2078

Delta R.T. 0.004 min

Lab File: VN076592.D

Acq: 09 Feb 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

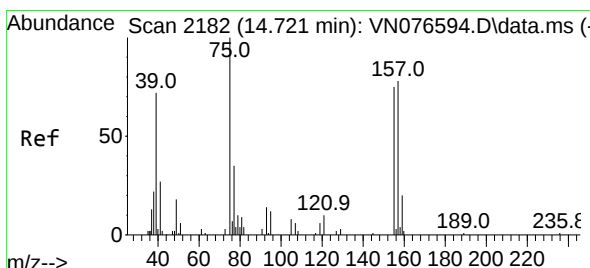
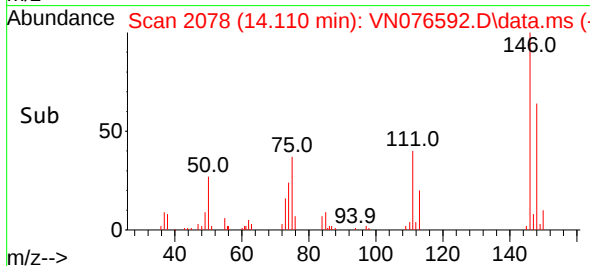
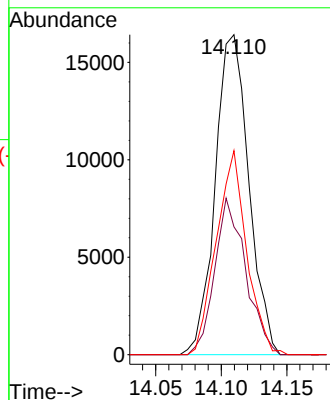
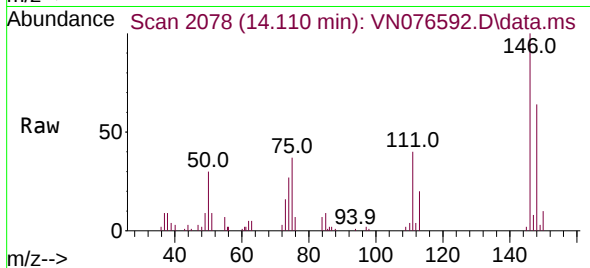
Tgt Ion:146	Resp:	2927
Ion Ratio	Lower	Upper
146	100	
111	45.2	21.4 64.2
148	57.7	30.6 92.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.678 ug/l m

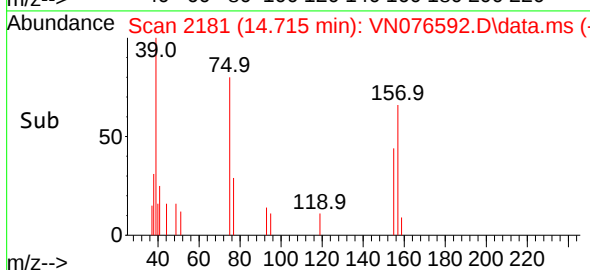
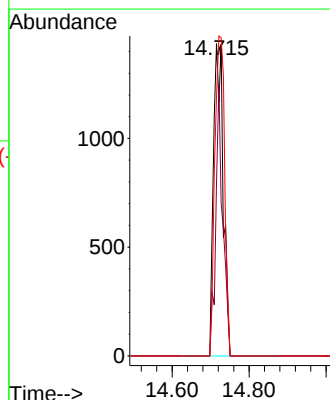
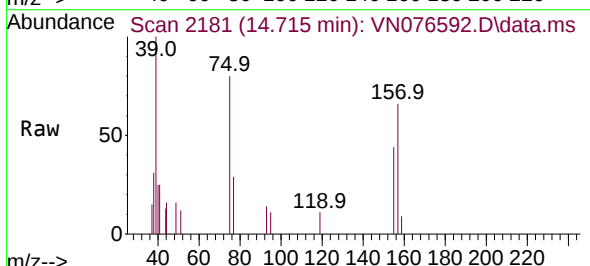
RT: 14.715 min Scan# 2181

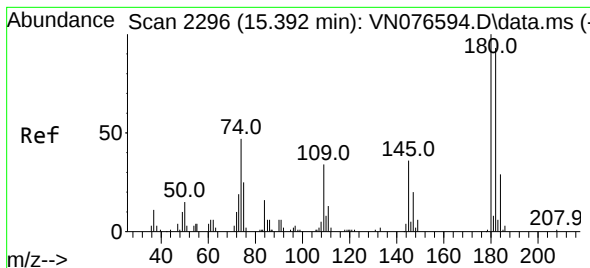
Delta R.T. -0.002 min

Lab File: VN076592.D

Acq: 09 Feb 2023 16:39

Tgt Ion: 75	Resp:	2496
Ion Ratio	Lower	Upper
75	100	
155	63.2	66.3 99.5#
157	103.5	84.3 126.5





#89

1,2,4-Trichlorobenzene

Concen: 3.940 ug/l m

RT: 15.398 min Scan# 21

Delta R.T. 0.004 min

Lab File: VN076592.D

Acq: 09 Feb 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

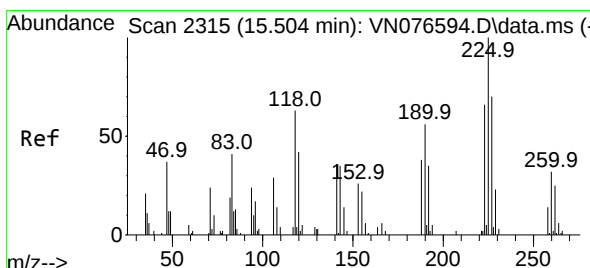
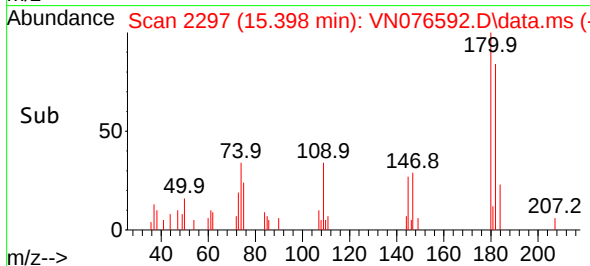
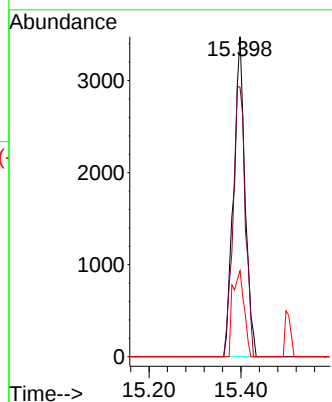
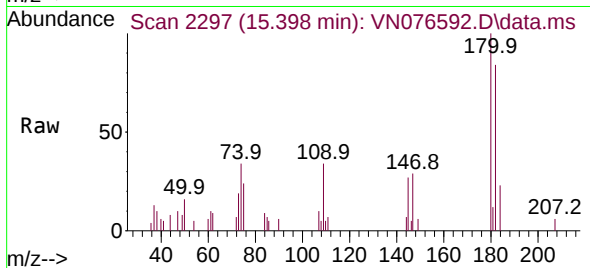
Tgt Ion:180	Resp:	594
Ion Ratio	Lower	Upper
180	100	
182	91.5	74.9 112.3
145	29.7	26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#90

Hexachlorobutadiene

Concen: 3.585 ug/l m

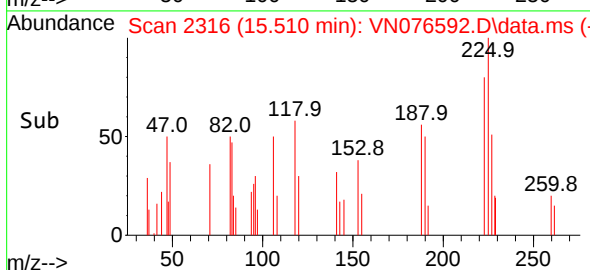
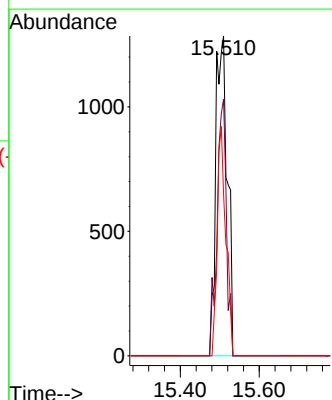
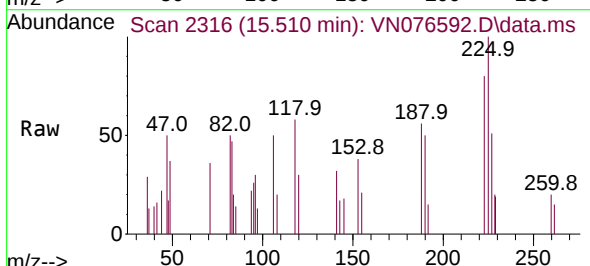
RT: 15.510 min Scan# 2316

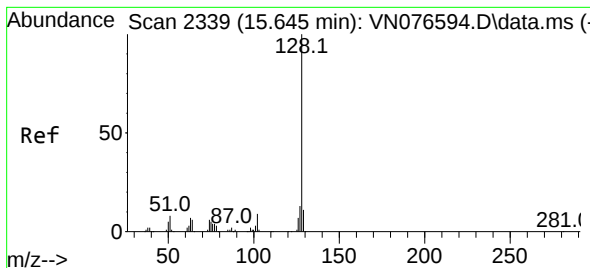
Delta R.T. 0.010 min

Lab File: VN076592.D

Acq: 09 Feb 2023 16:39

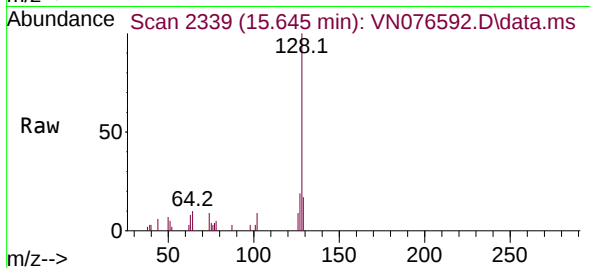
Tgt Ion:225	Resp:	2613
Ion Ratio	Lower	Upper
225	100	
223	65.8	0.0 125.0
227	53.4	0.0 123.0





#91
Naphthalene
Concen: 3.823 ug/l
RT: 15.645 min Scan# 2339
Delta R.T. 0.004 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39

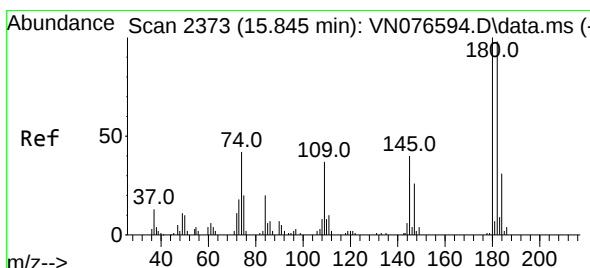
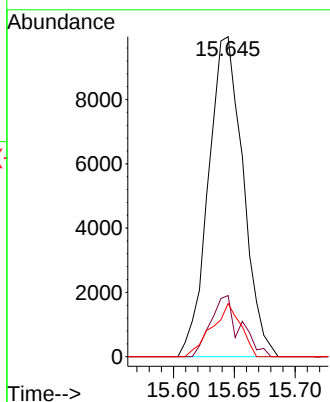
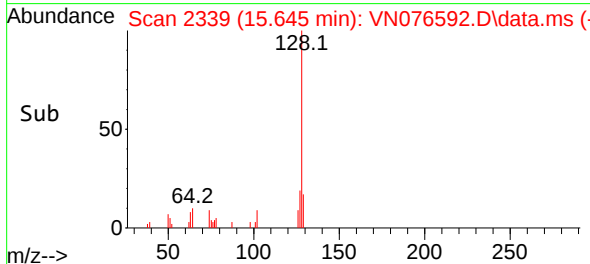
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



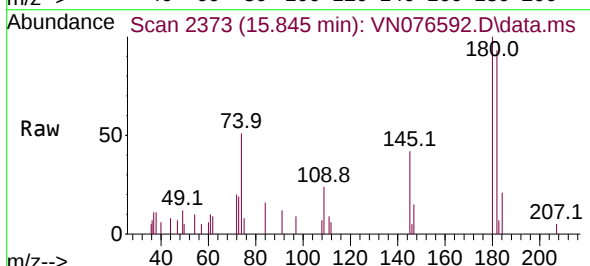
Tgt Ion:128 Resp: 1967
Ion Ratio Lower Upper
128 100
127 12.1 10.7 16.1
129 13.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#92
1,2,3-Trichlorobenzene
Concen: 4.008 ug/l
RT: 15.845 min Scan# 2373
Delta R.T. 0.004 min
Lab File: VN076592.D
Acq: 09 Feb 2023 16:39



Tgt Ion:180 Resp: 6035
Ion Ratio Lower Upper
180 100
182 92.7 0.0 185.4
145 29.2 0.0 68.6

