

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020923\
 Data File : VN076599.D
 Acq On : 09 Feb 2023 19:50
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN020923

Quant Time: Feb 10 05:44:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020923W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 10 05:40:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.816	128	28579	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.110	114	208592	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.868	117	227537	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.586	65	105421	31.297	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	104.333%		
60) 4-Bromofluorobenzene	12.851	95	141689	27.583	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	91.933%		
63) Toluene-d8	10.569	98	245232	29.353	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.833%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.140	85	84885	21.459	ug/l	98
3) Chloromethane	2.375	50	82783	17.405	ug/l	97
4) Vinyl Chloride	2.528	62	74326	17.898	ug/l	99
5) Bromomethane	2.969	94	41637	19.971	ug/l	100
6) Chloroethane	3.134	64	39993m	18.566	ug/l	
7) Trichlorofluoromethane	3.510	101	137815	19.543	ug/l	95
8) Diethyl Ether	3.969	74	46406	20.748	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.381	101	69409	20.447	ug/l	74
10) 1,1-Dichloroethene	4.357	96	63217	19.818	ug/l	# 84
11) Methyl Iodide	4.598	142	93321	20.136	ug/l	88
12) Methyl Acetate	5.040	43	129023	19.274	ug/l	# 89
13) Acrolein	4.192	56	79839	93.117	ug/l	98
14) Acrylonitrile	5.734	53	200311	102.137	ug/l	99
15) Acetone	4.445	58	51938	91.720	ug/l	# 66
16) Carbon Disulfide	4.728	76	179381	20.461	ug/l	98
17) Allyl chloride	5.045	41	121676	19.786	ug/l	92
18) Methylene Chloride	5.287	84	73666	19.516	ug/l	# 85
19) trans-1,2-Dichloroethene	5.804	96	68526	20.911	ug/l	92
20) Diisopropyl ether	6.681	45	260684	18.571	ug/l	95
21) 1,1-Dichloroethane	6.581	63	142244	18.582	ug/l	98
22) cis-1,2-Dichloroethene	7.498	96	76918	19.589	ug/l	86
23) tert-Butyl Alcohol	5.528	59	74231	112.795	ug/l	# 100
24) Methyl tert-Butyl Ether	5.810	73	241515	21.022	ug/l	93
25) Chloroform	7.975	83	146779	19.378	ug/l	99
26) Cyclohexane	8.269	56	127101	18.711	ug/l	# 95
29) 1,1-Dichloropropene	8.380	75	108870	20.164	ug/l	95
30) 2-Butanone	7.492	43	288757	99.080	ug/l	97
31) 2,2-Dichloropropane	7.504	77	111512	19.892	ug/l	96
32) 1,1,1-Trichloroethane	8.175	97	132025	19.708	ug/l	97
33) Carbon Tetrachloride	8.369	117	113478	19.636	ug/l	97
34) Benzene	8.610	78	303451	18.291	ug/l	93
35) Methacrylonitrile	7.786	41	65340	19.499	ug/l	95
36) 1,2-Dichloroethane	8.675	62	129120	20.296	ug/l	# 95
37) Trichloroethene	9.357	130	70772	20.836	ug/l	88
38) Methylcyclohexane	9.604	83	123696	20.698	ug/l	92
39) 1,2-Dichloropropane	9.627	63	79042	19.965	ug/l	97
40) Dibromomethane	9.716	93	52381	20.111	ug/l	95
41) Bromodichloromethane	9.892	83	111656	20.389	ug/l	# 98
42) Vinyl Acetate	6.616	43	923328m	97.401	ug/l	

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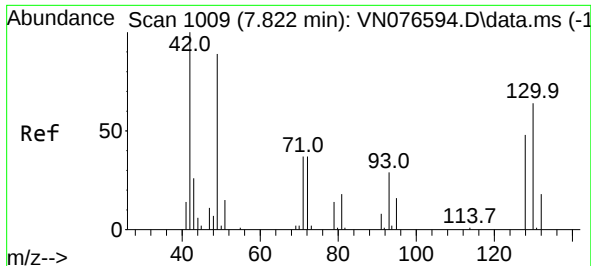
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.569	43	127555	21.464	ug/l	98
44) Isopropyl Acetate	8.692	43	195008	19.949	ug/l	99
45) 1,4-Dioxane	9.698	88	34099	427.910	ug/l	89
46) Methyl methacrylate	9.686	41	96516	20.478	ug/l	90
47) n-amyl Acetate	12.498	43	171233	20.608	ug/l	95
48) t-1,3-Dichloropropene	10.839	75	112986	20.496	ug/l	93
49) cis-1,3-Dichloropropene	10.316	75	125002	20.513	ug/l #	86
50) 1,1,2-Trichloroethane	11.016	97	70888	20.041	ug/l	94
51) Ethyl methacrylate	10.880	69	116306	20.708	ug/l	89
52) 1,3-Dichloropropane	11.169	76	129406	19.626	ug/l	98
53) Dibromochloromethane	11.357	129	75276	20.480	ug/l	95
54) 1,2-Dibromoethane	11.474	107	71000	19.836	ug/l	97
55) 2-Chloroethyl vinyl ether	10.163	63	264328	103.033	ug/l	98
56) Bromoform	12.580	173	47736	20.166	ug/l	98
58) 4-Methyl-2-Pentanone	10.445	43	615411	96.751	ug/l	95
59) 2-Hexanone	11.198	43	448828	97.049	ug/l	94
61) Tetrachloroethene	11.110	164	56036	19.266	ug/l	97
62) Toluene	10.633	91	315796	18.720	ug/l	97
64) Chlorobenzene	11.892	112	187255	19.161	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.963	131	70928	19.144	ug/l	97
66) Ethyl Benzene	11.968	91	357423	19.326	ug/l	98
67) m/p-Xylenes	12.074	106	266082	38.346	ug/l	92
68) o-Xylene	12.404	106	129167	18.895	ug/l	90
69) Styrene	12.416	104	209731	19.328	ug/l	93
70) Isopropylbenzene	12.698	105	344782	18.820	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.939	83	110654	17.325	ug/l	100
72) 1,2,3-Trichloropropane	12.998	75	94557m	16.209	ug/l	
73) Bromobenzene	12.980	156	76021	17.488	ug/l	99
74) n-propylbenzene	13.039	91	409023	17.408	ug/l	98
75) 2-Chlorotoluene	13.127	91	256376	17.346	ug/l	93
76) 1,3,5-Trimethylbenzene	13.174	105	304537	17.802	ug/l	96
77) t-1,4-Dichloro-2-butene	12.739	75	32536	18.491	ug/l	83
78) 4-Chlorotoluene	13.221	91	250570	16.861	ug/l	94
79) tert-butylbenzene	13.445	119	257160	17.710	ug/l	91
80) 1,2,4-Trimethylbenzene	13.486	105	294222	17.440	ug/l	97
81) sec-Butylbenzene	13.621	105	352431	17.334	ug/l	100
82) p-Isopropyltoluene	13.733	119	288873	17.682	ug/l	96
83) 1,3-Dichlorobenzene	13.733	146	137660	17.121	ug/l	96
84) 1,4-Dichlorobenzene	13.815	146	136423	17.007	ug/l	97
85) n-Butylbenzene	14.057	91	248574	16.385	ug/l	99
86) Hexachloroethane	14.333	117	52373	16.510	ug/l	94
87) 1,2-Dichlorobenzene	14.110	146	141386	16.019	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.727	75	25329	19.456	ug/l	82
89) 1,2,4-Trichlorobenzene	15.392	180	72154	19.602	ug/l	98
90) Hexachlorobutadiene	15.504	225	35423	19.920	ug/l	100
91) Naphthalene	15.645	128	249048	19.830	ug/l	99
92) 1,2,3-Trichlorobenzene	15.845	180	73002	19.870	ug/l	97

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

Manual Integrations

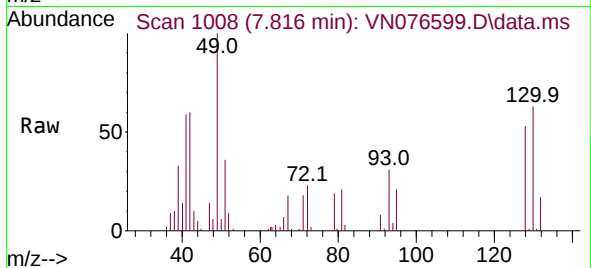
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.816 min Scan# 1009
Delta R.T. -0.014 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

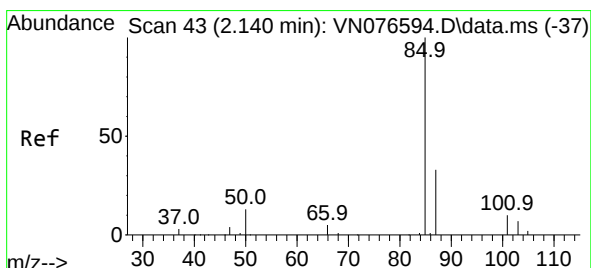
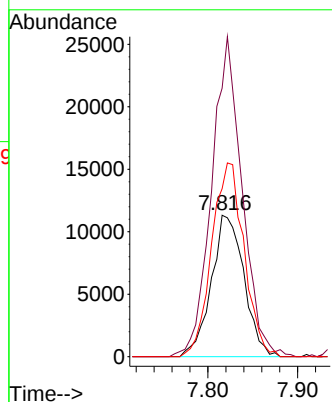
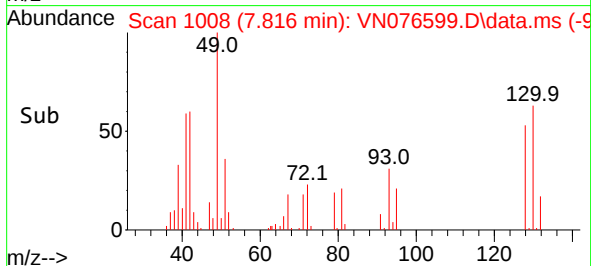
Instrument :
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ClientSampleId :
ICVVN020923



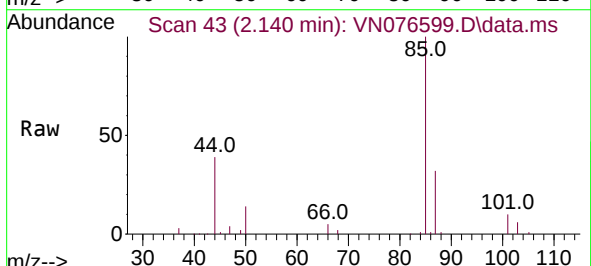
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Ion Ratio Lower Upper
128 100
49 211.5 0.0 492.0
130 135.9 0.0 313.3

Manual Integrations
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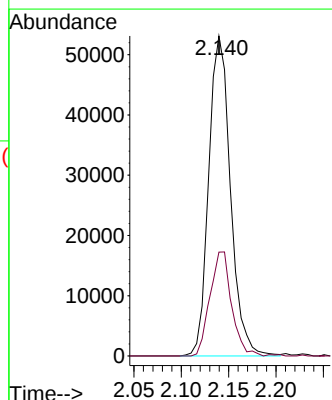
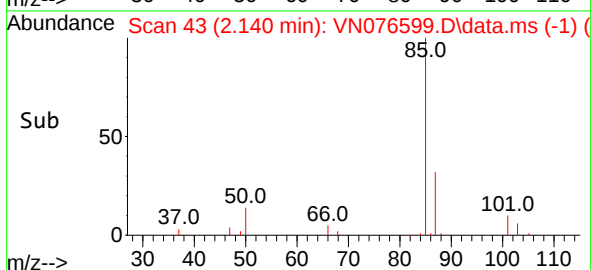
Reviewed By :John Carlone 02/10/2023
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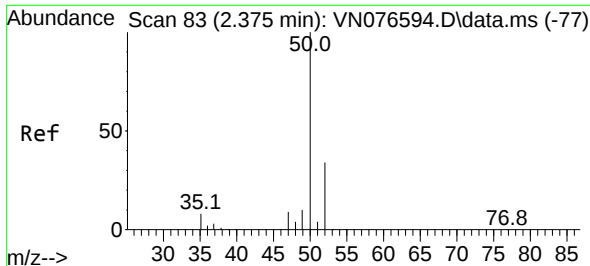


#2
Dichlorodifluoromethane
Concen: 21.459 ug/l
RT: 2.140 min Scan# 43
Delta R.T. -0.008 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50



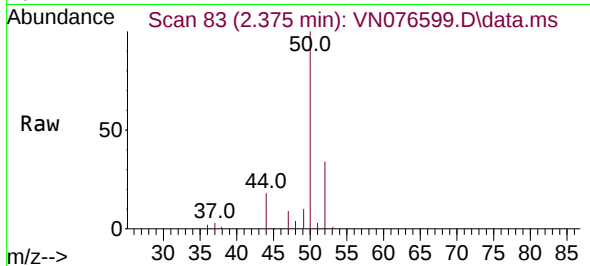
Tgt Ion: 85 Resp: 84885
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.1





#3
Chloromethane
Concen: 17.405 ug/l
RT: 2.375 min Scan# 83
Delta R.T. -0.008 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

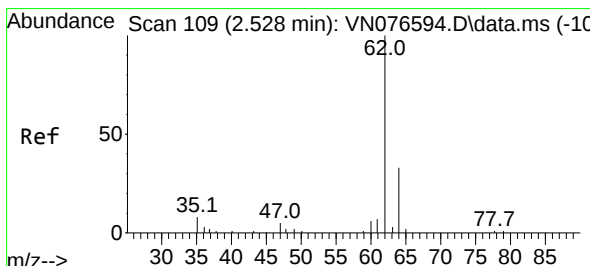
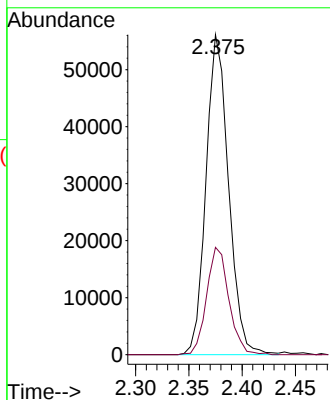
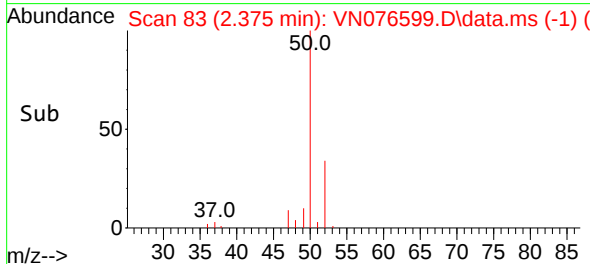
Instrument :
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ClientSampleId :
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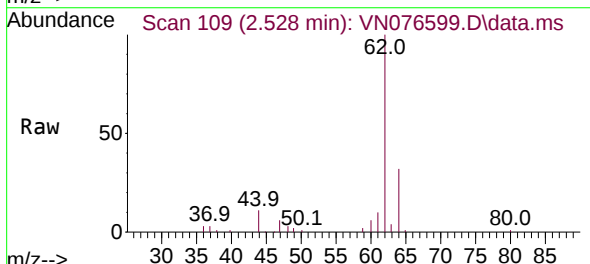
Tgt Ion: 50 Resp: 8278
Ion Ratio Lower Upper
50 100
52 33.6 25.5 38.3

Manual Integrations
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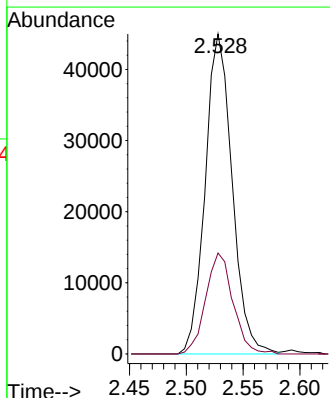
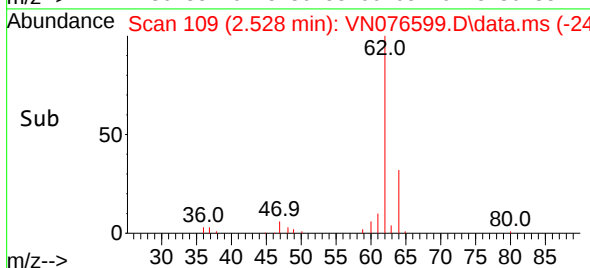
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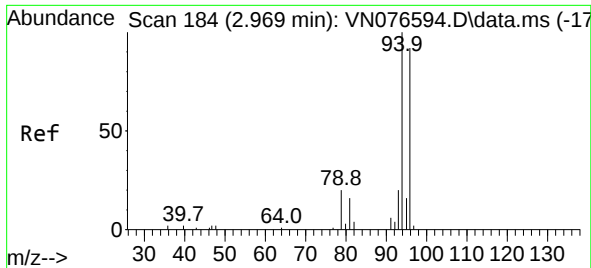


#4
Vinyl Chloride
Concen: 17.898 ug/l
RT: 2.528 min Scan# 109
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50



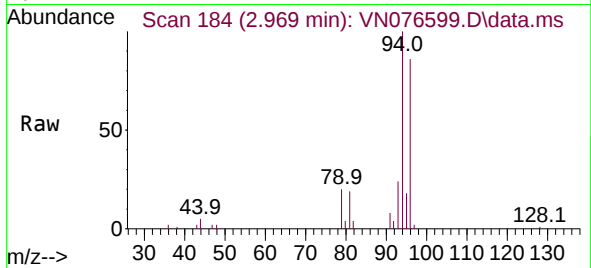
Tgt Ion: 62 Resp: 74326
Ion Ratio Lower Upper
62 100
64 31.6 25.6 38.4





#5
Bromomethane
Concen: 19.971 ug/l
RT: 2.969 min Scan# 184
Delta R.T. 0.021 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

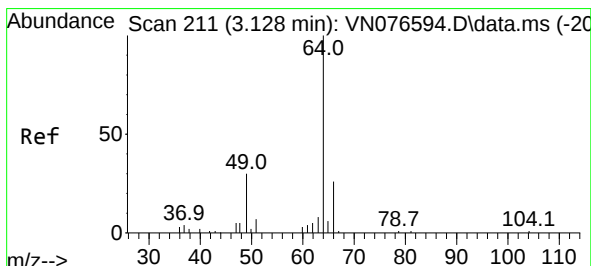
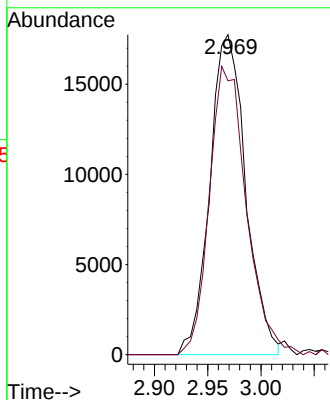
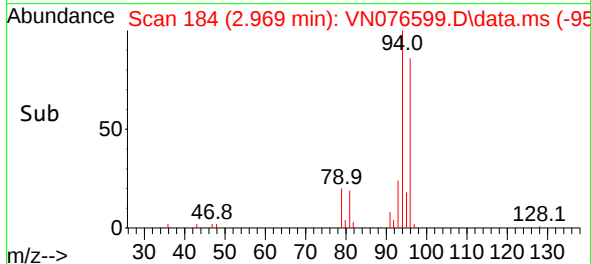
Instrument :
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ICVVN020923



Tgt Ion: 94 Resp: 4163
Ion Ratio Lower Upper
94 100
96 85.6 68.3 102.5

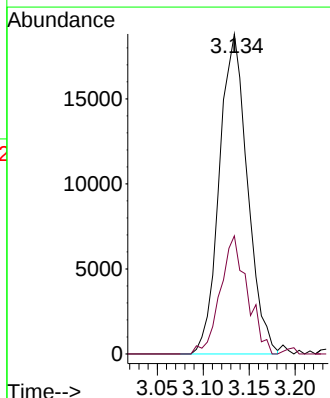
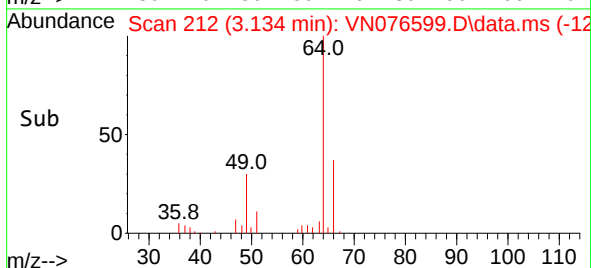
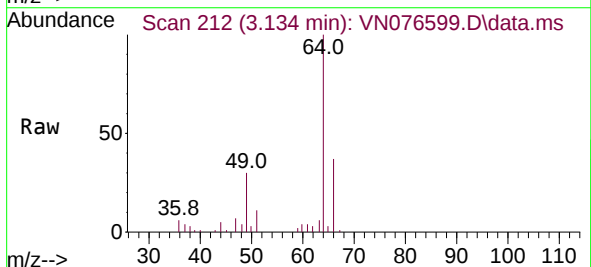
Manual Integrations
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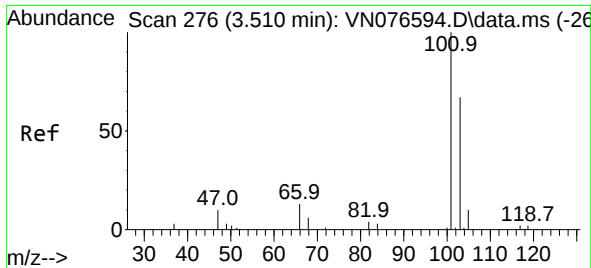
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#6
Chloroethane
Concen: 18.566 ug/l m
RT: 3.134 min Scan# 212
Delta R.T. 0.010 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

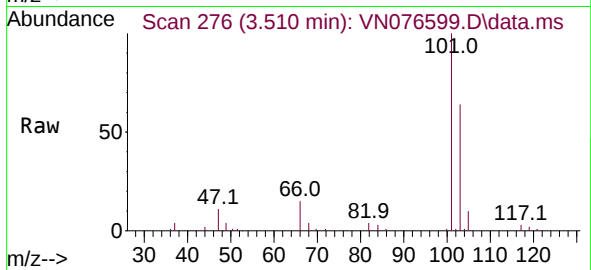
Tgt Ion: 64 Resp: 39993
Ion Ratio Lower Upper
64 100
66 36.9 21.8 32.8#





#7
Trichlorofluoromethane
Concen: 19.543 ug/l
RT: 3.510 min Scan# 21
Delta R.T. 0.004 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

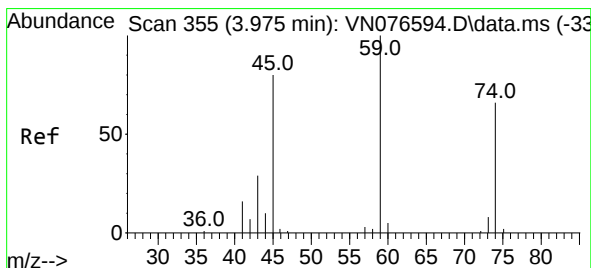
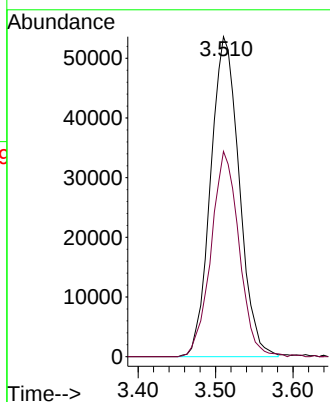
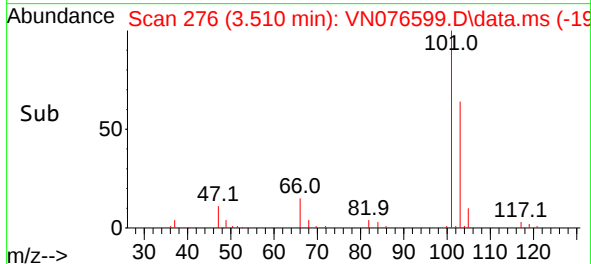
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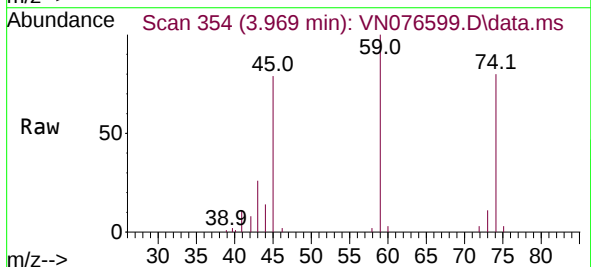
Tgt Ion:101 Resp: 137815
Ion Ratio Lower Upper
101 100
103 64.2 54.8 82.2

Manual Integrations
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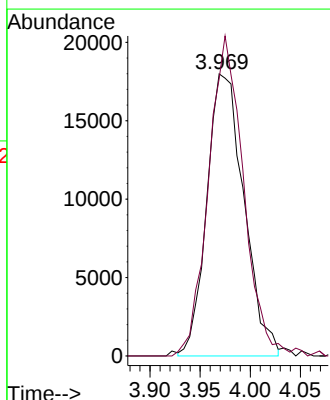
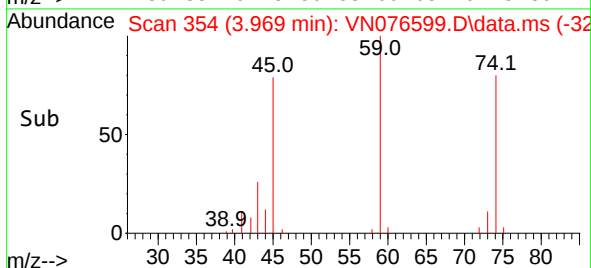
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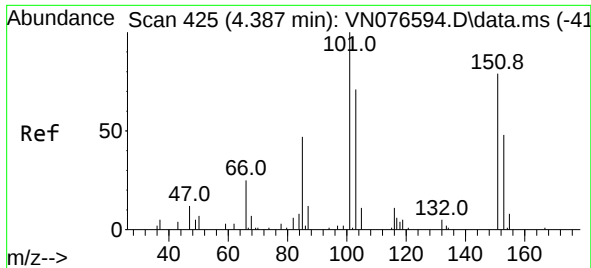


#8
Diethyl Ether
Concen: 20.748 ug/l
RT: 3.969 min Scan# 354
Delta R.T. -0.020 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50



Tgt Ion: 74 Resp: 46406
Ion Ratio Lower Upper
74 100
45 106.5 19.0 171.0





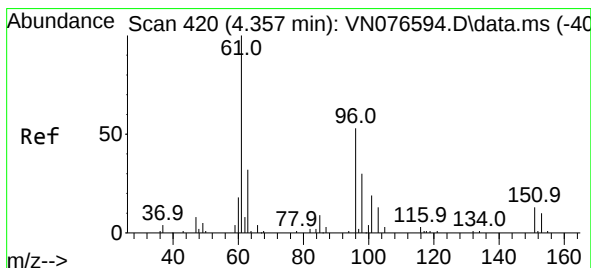
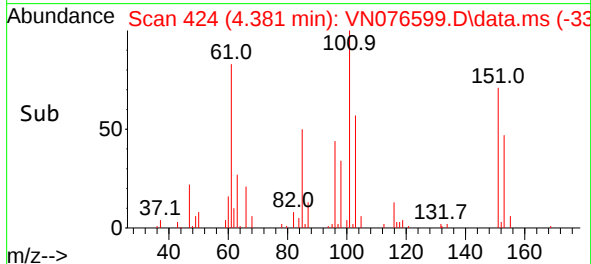
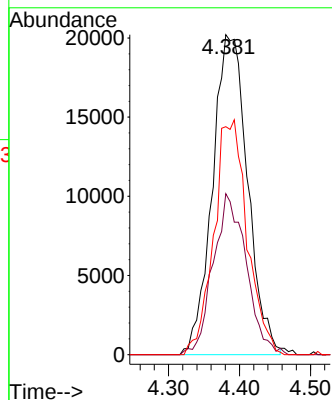
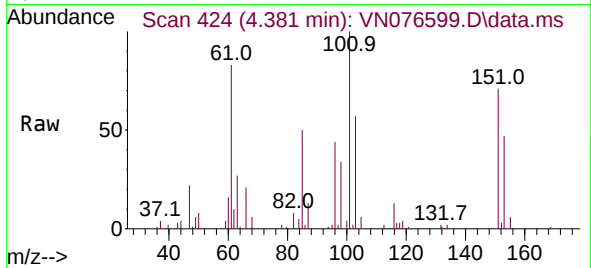
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1,1,2-Trichlorotrifluoroethane
Concen: 20.447 ug/l
RT: 4.381 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN076599.D
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Tgt Ion:101 Resp: 69409
Ion Ratio Lower Upper
101 100
85 47.0 0.0 94.6
151 36.9 0.0 144.8

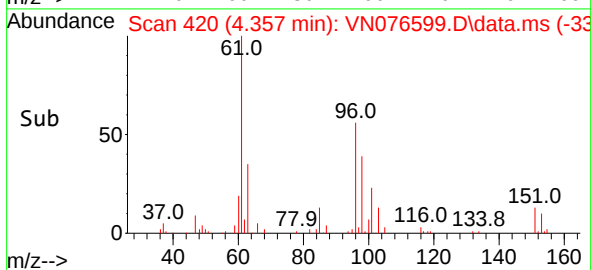
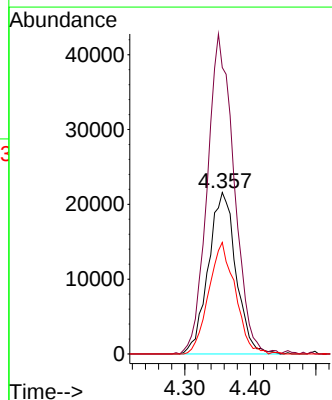
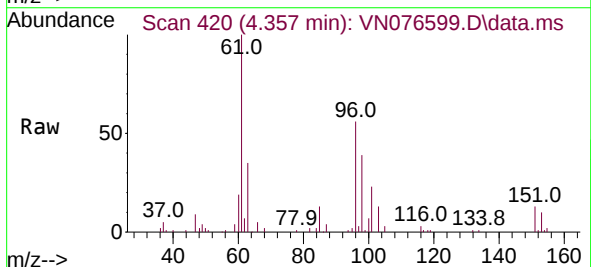
Manual Integrations
APPROVED

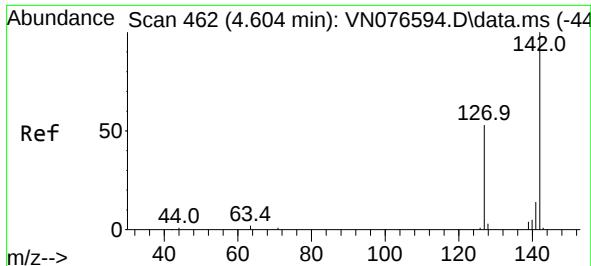
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#10
1,1-Dichloroethene
Concen: 19.818 ug/l
RT: 4.357 min Scan# 420
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

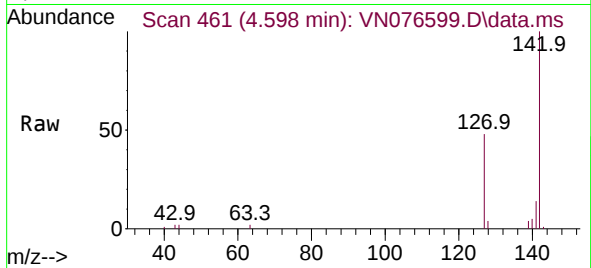
Tgt Ion: 96 Resp: 63217
Ion Ratio Lower Upper
96 100
61 177.4 125.5 188.3
98 69.1 45.0 67.4





#11
Methyl Iodide
Concen: 20.136 ug/l
RT: 4.598 min Scan# 461
Delta R.T. -0.014 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

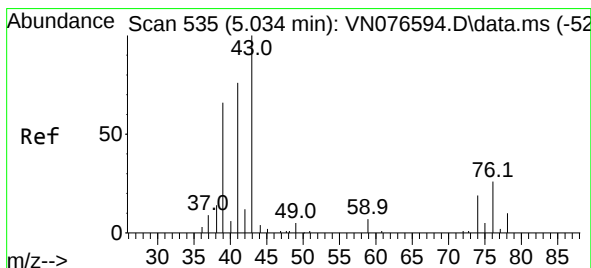
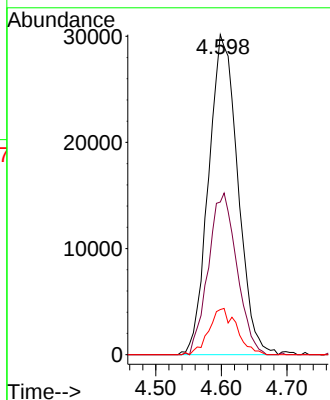
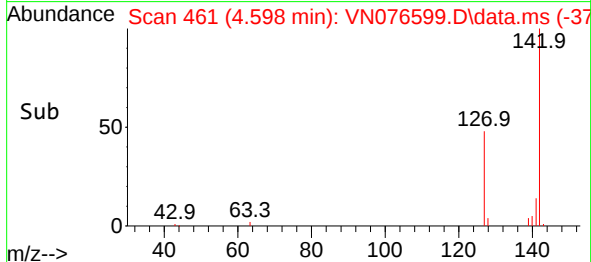
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



Tgt Ion:142 Resp: 9332
Ion Ratio Lower Upper
142 100
127 47.7 19.3 57.8
141 14.1 7.7 23.1

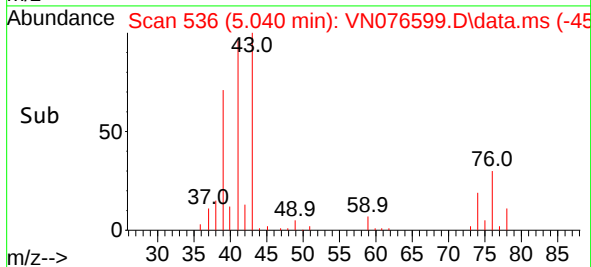
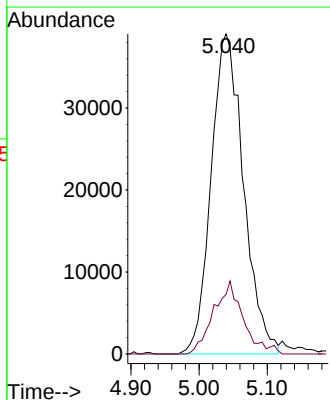
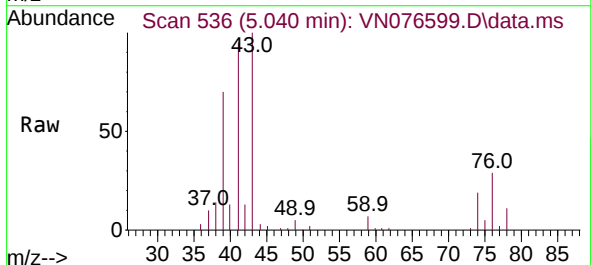
Manual Integrations
APPROVED

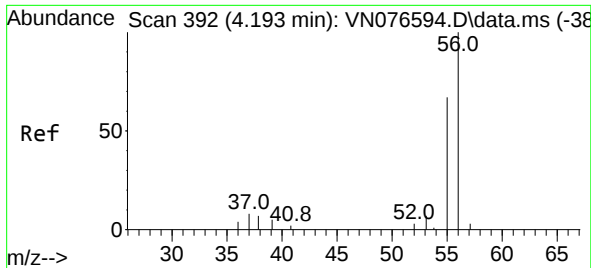
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#12
Methyl Acetate
Concen: 19.274 ug/l
RT: 5.040 min Scan# 536
Delta R.T. -0.008 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

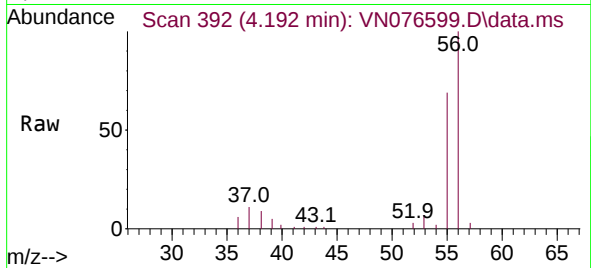
Tgt Ion: 43 Resp: 129023
Ion Ratio Lower Upper
43 100
74 18.3 19.0 28.6#





#13
Acrolein
Concen: 93.117 ug/l
RT: 4.192 min Scan# 392
Delta R.T. -0.014 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

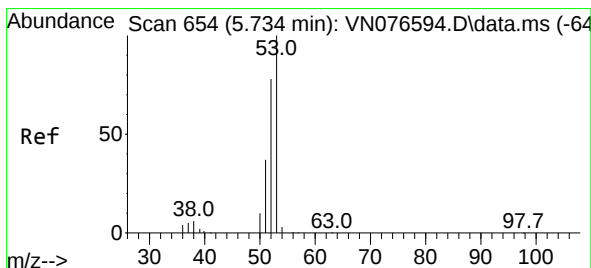
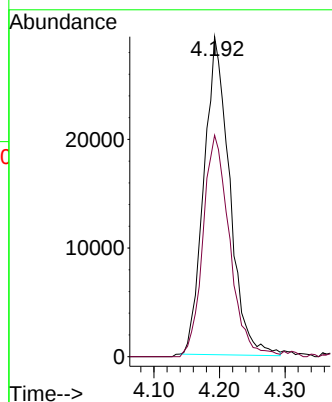
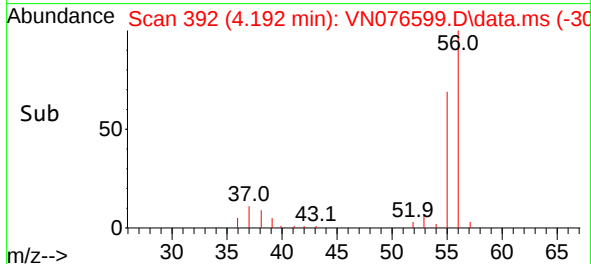
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



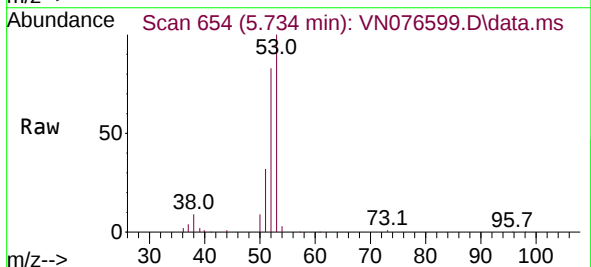
Tgt Ion: 56 Resp: 79839
Ion Ratio Lower Upper
56 100
55 71.9 56.2 84.2

Manual Integrations
APPROVED

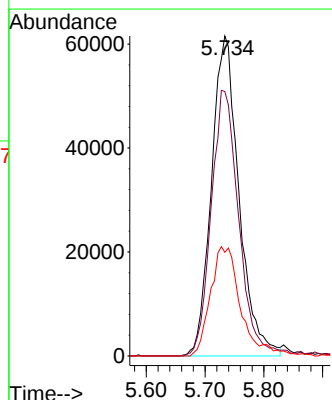
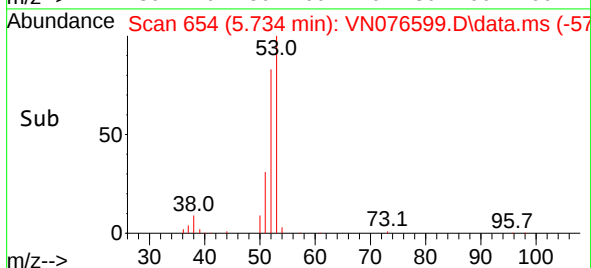
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

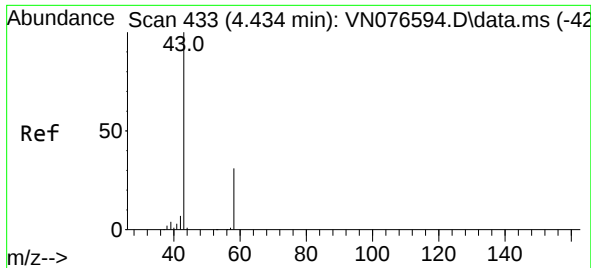


#14
Acrylonitrile
Concen: 102.137 ug/l
RT: 5.734 min Scan# 654
Delta R.T. -0.008 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50



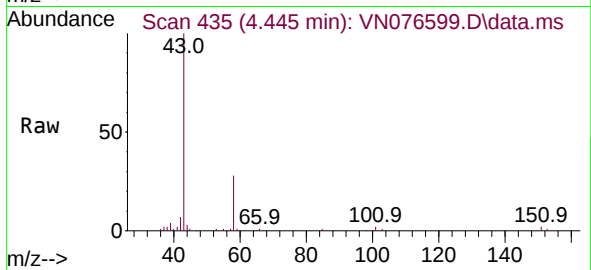
Tgt Ion: 53 Resp: 200311
Ion Ratio Lower Upper
53 100
52 82.7 40.8 122.4
51 35.2 17.0 51.0





#15
Acetone
Concen: 91.720 ug/l
RT: 4.445 min Scan# 435
Delta R.T. -0.008 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

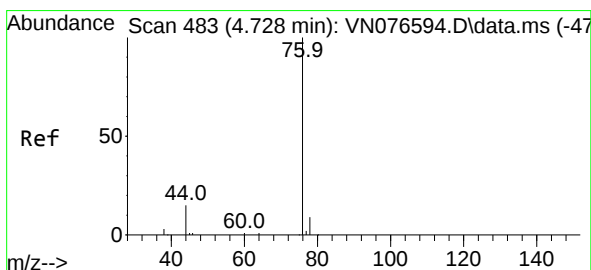
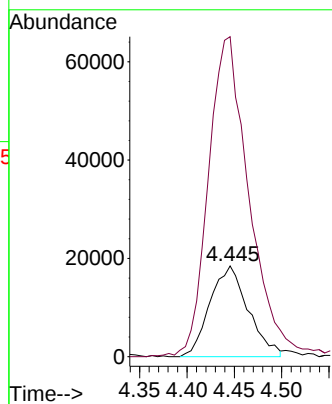
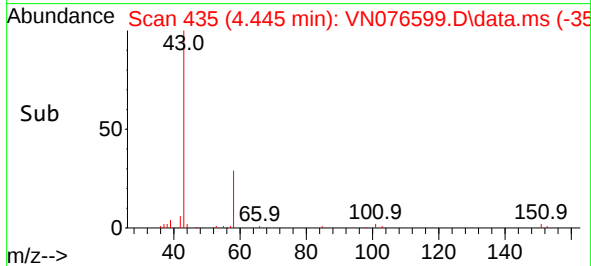
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



Tgt Ion: 58 Resp: 51938
Ion Ratio Lower Upper
58 100
43 354.7 232.2 348.4

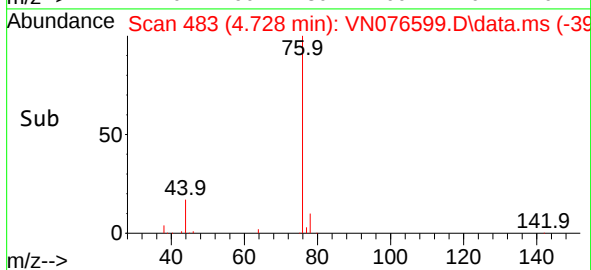
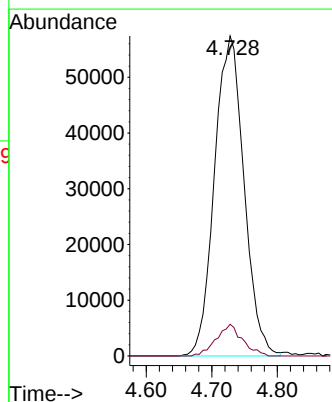
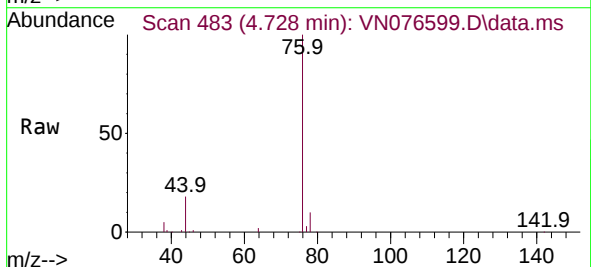
Manual Integrations
APPROVED

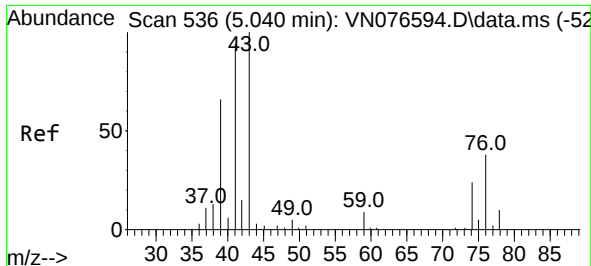
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#16
Carbon Disulfide
Concen: 20.461 ug/l
RT: 4.728 min Scan# 483
Delta R.T. -0.008 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

Tgt Ion: 76 Resp: 179381
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8





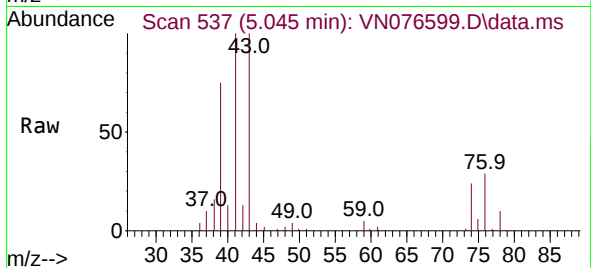
#17
 Allyl chloride
 Concen: 19.786 ug/l
 RT: 5.045 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VN076599.D
 Acq: 09 Feb 2023 19:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020923



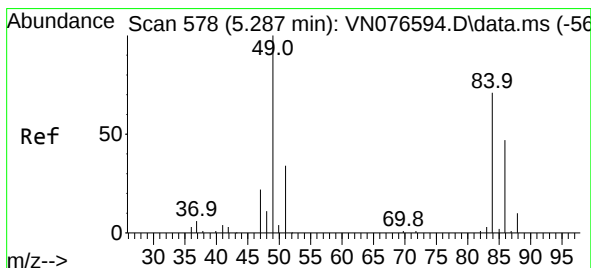
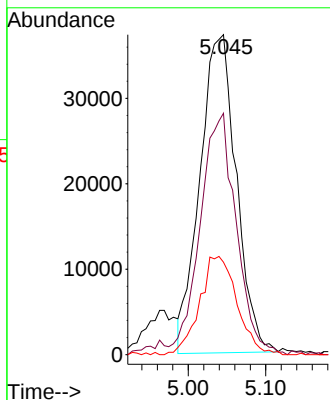
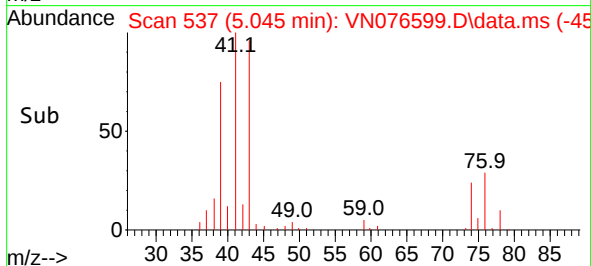
Tgt Ion: 41 Resp: 121670
 Ion Ratio Lower Upper
 41 100
 39 75.4 39.1 117.5
 76 28.2 19.8 59.4

Manual Integrations

APPROVED

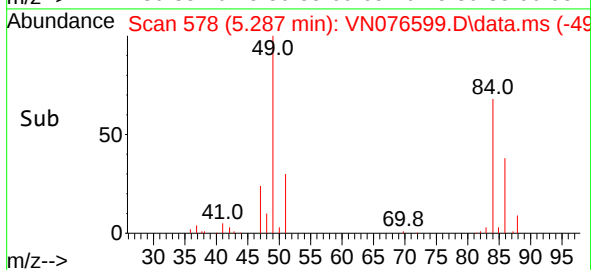
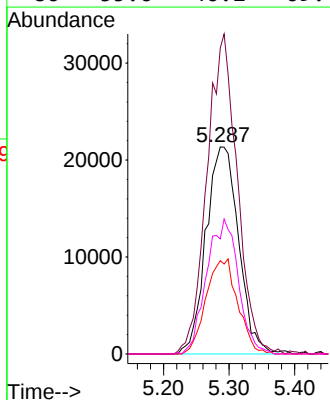
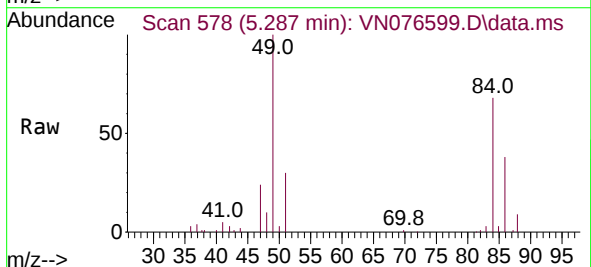
Reviewed By :John Carlone 02/10/2023

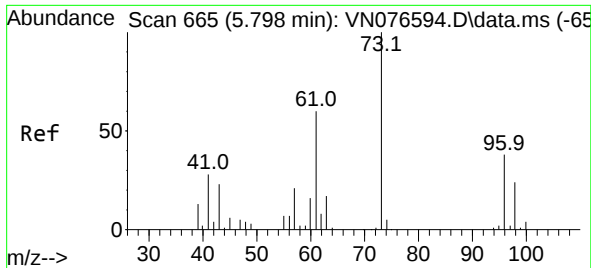
Supervised By :Semsettin Yesilyurt 02/10/2023



#18
 Methylene Chloride
 Concen: 19.516 ug/l
 RT: 5.287 min Scan# 578
 Delta R.T. -0.013 min
 Lab File: VN076599.D
 Acq: 09 Feb 2023 19:50

Tgt Ion: 84 Resp: 73666
 Ion Ratio Lower Upper
 84 100
 49 146.5 99.6 149.4
 51 45.1 28.2 42.2#
 86 55.6 46.2 69.4





#19
trans-1,2-Dichloroethene
Concen: 20.911 ug/l
RT: 5.804 min Scan# 610
Delta R.T. -0.008 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020923

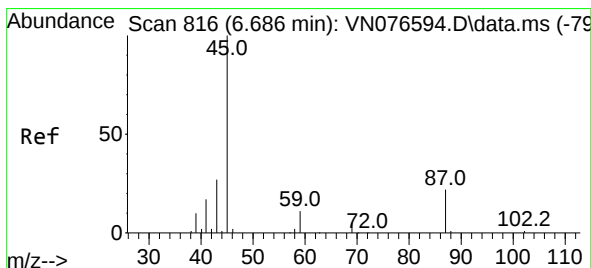
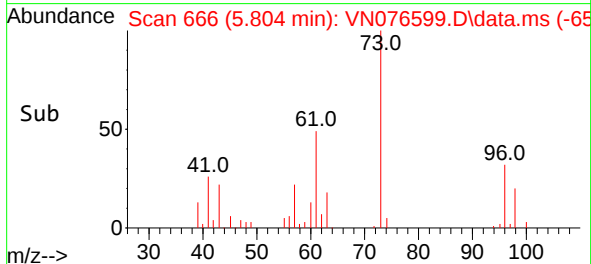
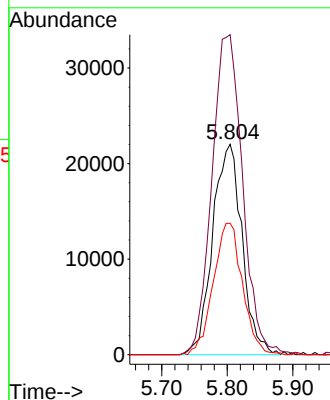
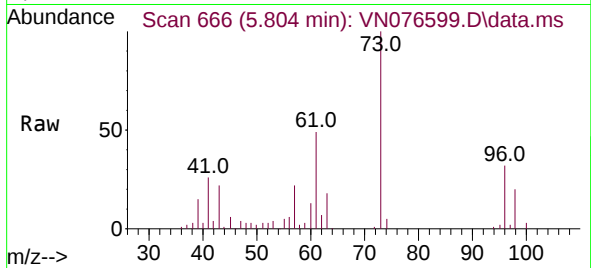
Tgt Ion: 96 Resp: 68520
Ion Ratio Lower Upper
96 100
61 152.1 110.2 165.4
98 62.4 50.0 75.0

Manual Integrations

APPROVED

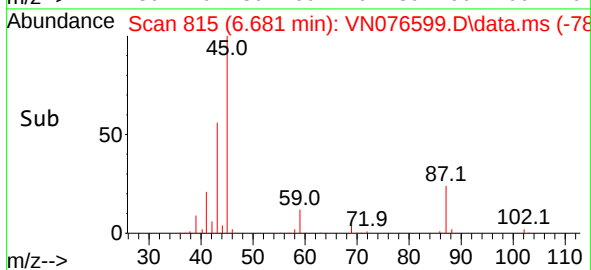
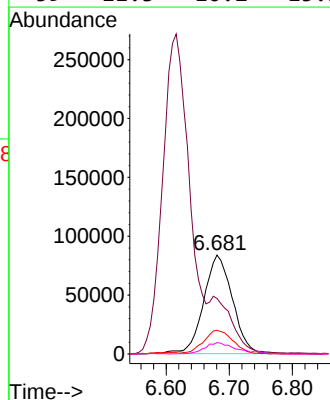
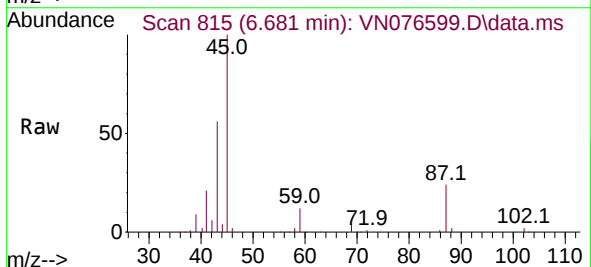
Reviewed By :John Carlone 02/10/2023

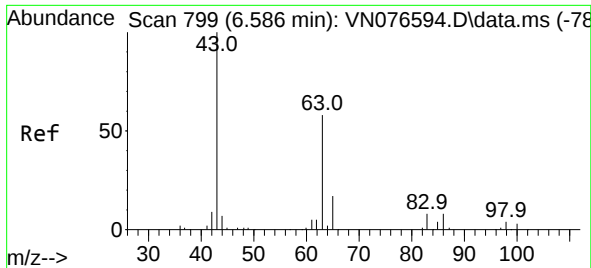
Supervised By :Semsettin Yesilyurt 02/10/2023



#20
Diisopropyl ether
Concen: 18.571 ug/l
RT: 6.681 min Scan# 815
Delta R.T. -0.013 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

Tgt Ion: 45 Resp: 260684
Ion Ratio Lower Upper
45 100
43 55.2 47.3 70.9
87 24.0 21.8 32.8
59 11.3 10.2 15.2





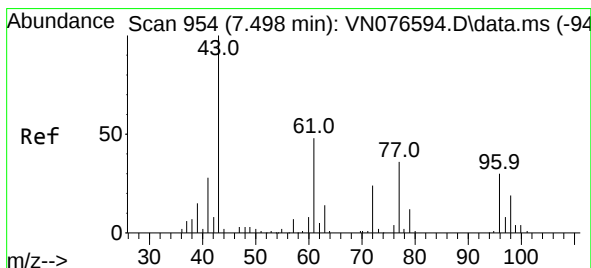
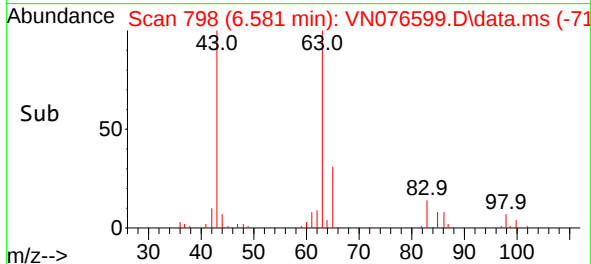
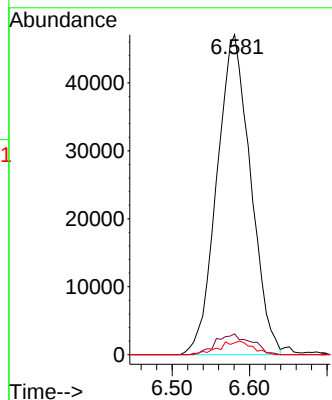
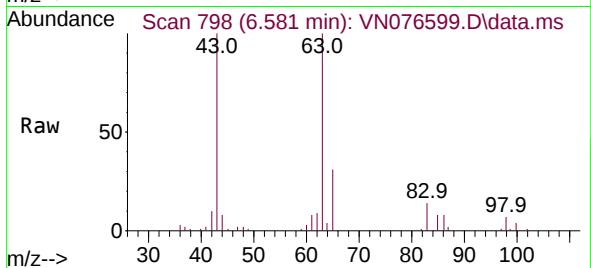
#21
1,1-Dichloroethane
Concen: 18.582 ug/l
RT: 6.581 min Scan# 799
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

Instrument :
MSVOA_N
Client Sample Id :
ICVVN020923

Tgt Ion: 63 Resp: 142244
Ion Ratio Lower Upper
63 100
98 7.1 3.3 9.9
100 3.7 2.2 6.6

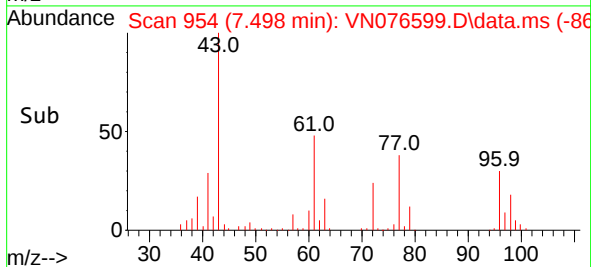
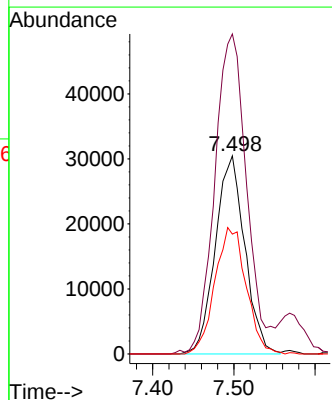
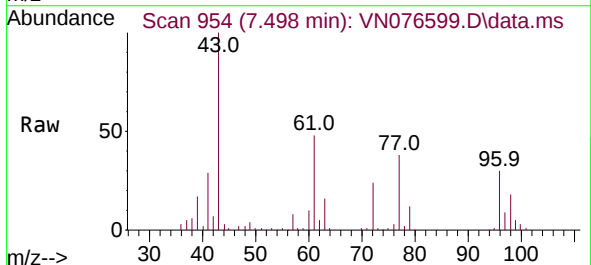
Manual Integrations
APPROVED

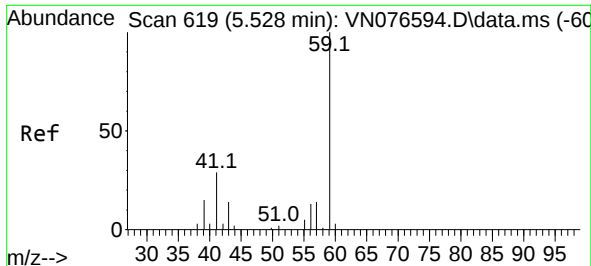
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#22
cis-1,2-Dichloroethene
Concen: 19.589 ug/l
RT: 7.498 min Scan# 954
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

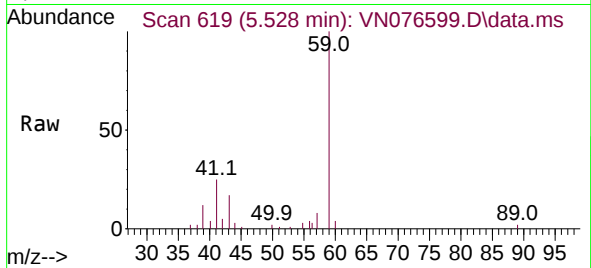
Tgt Ion: 96 Resp: 76918
Ion Ratio Lower Upper
96 100
61 171.8 118.8 178.2
98 67.7 52.1 78.1





#23
tert-Butyl Alcohol
Concen: 112.795 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.031 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

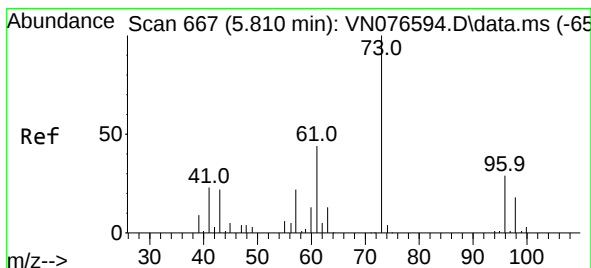
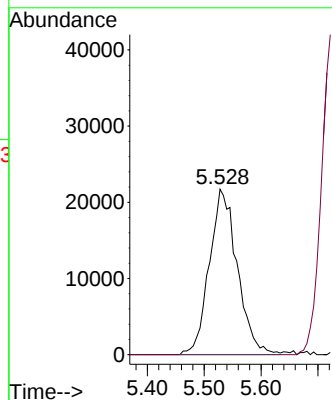
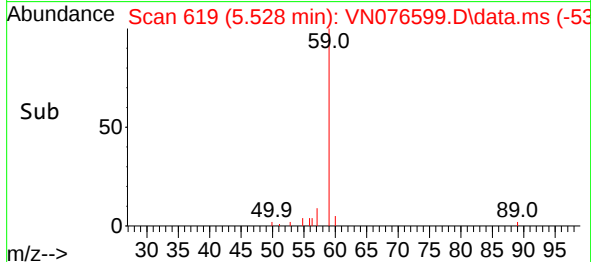
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



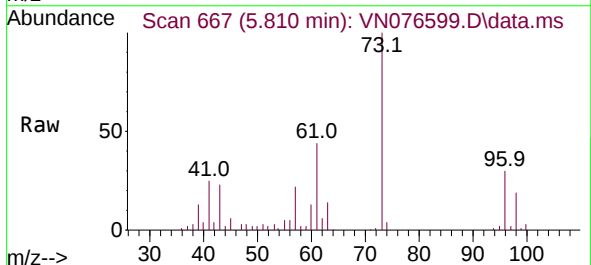
Tgt Ion: 59 Resp: 7423
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4

Manual Integrations
APPROVED

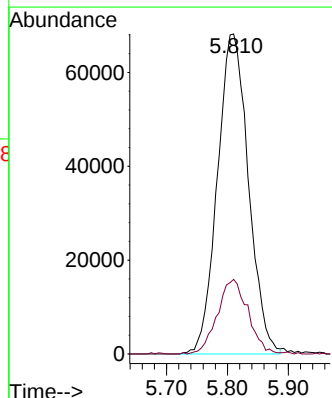
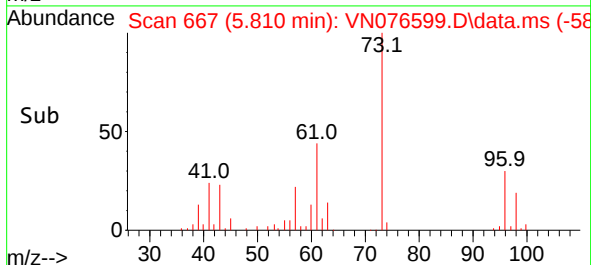
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

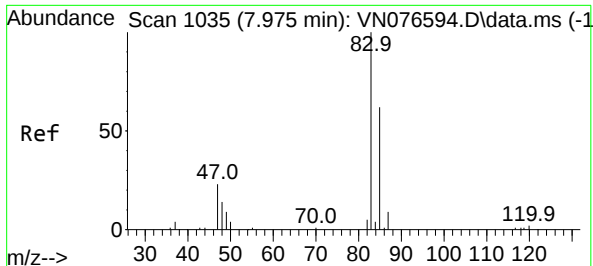


#24
Methyl tert-Butyl Ether
Concen: 21.022 ug/l
RT: 5.810 min Scan# 667
Delta R.T. -0.008 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50



Tgt Ion: 73 Resp: 241515
Ion Ratio Lower Upper
73 100
43 22.6 15.6 23.4





#25

Chloroform

Concen: 19.378 ug/l

RT: 7.975 min Scan# 1035

Delta R.T. -0.002 min

Lab File: VN076599.D

Acq: 09 Feb 2023 19:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020923

Tgt Ion: 83 Resp: 146779

Ion Ratio Lower Upper

83 100

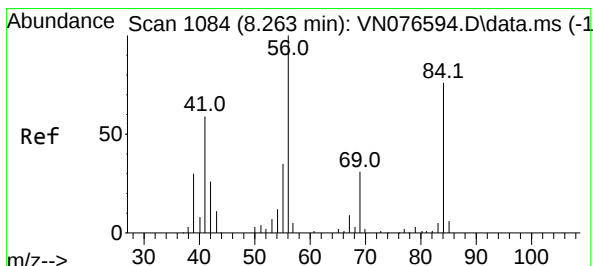
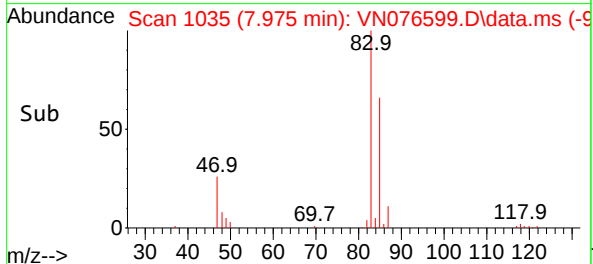
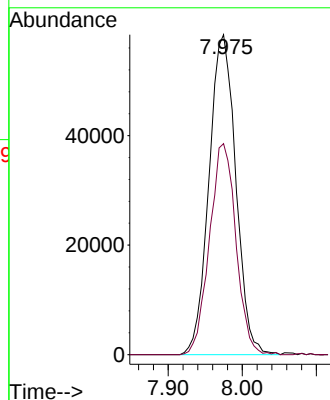
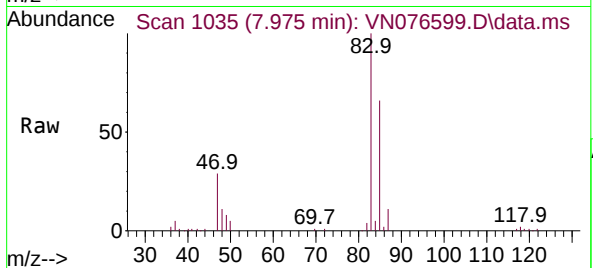
85 66.0 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#26

Cyclohexane

Concen: 18.711 ug/l

RT: 8.269 min Scan# 1085

Delta R.T. 0.004 min

Lab File: VN076599.D

Acq: 09 Feb 2023 19:50

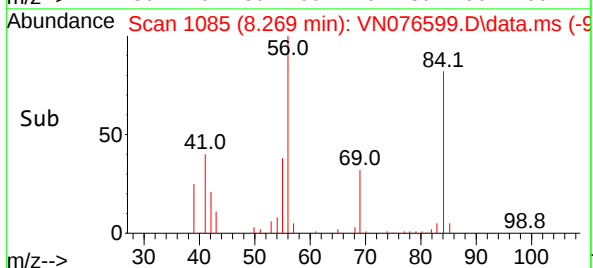
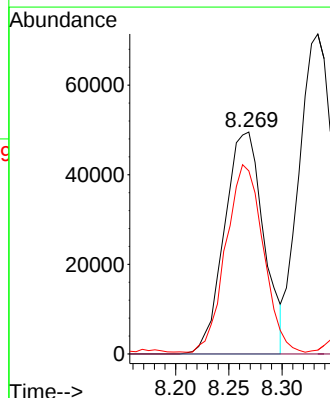
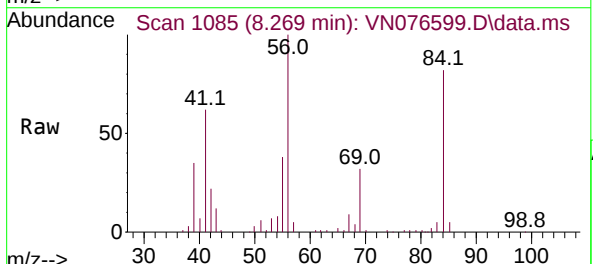
Tgt Ion: 56 Resp: 127101

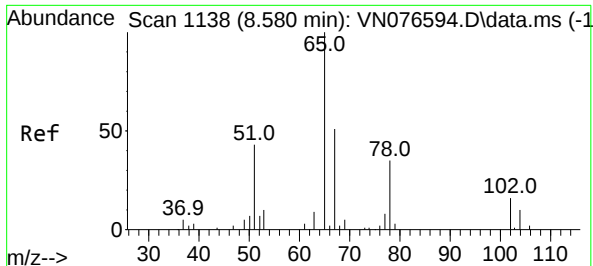
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 80.7 68.4 102.6





#27
1,2-Dichloroethane-d4
Concen: 31.297 ug/l
RT: 8.586 min Scan# 1138
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020923

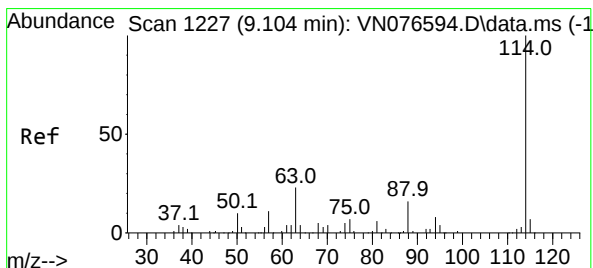
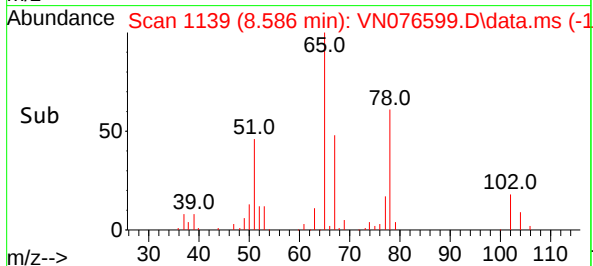
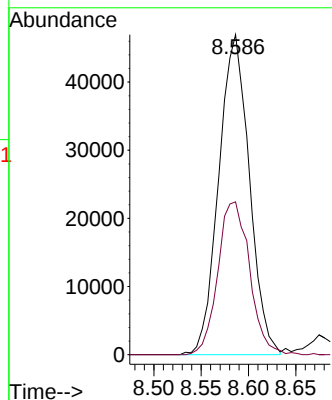
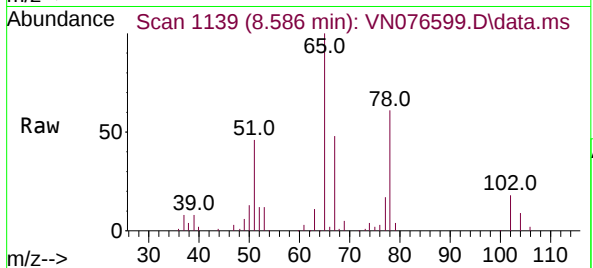
Tgt Ion: 65 Resp: 10542
Ion Ratio Lower Upper
65 100
67 49.4 45.2 67.8

Manual Integrations

APPROVED

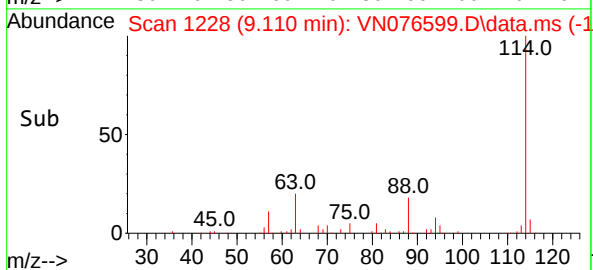
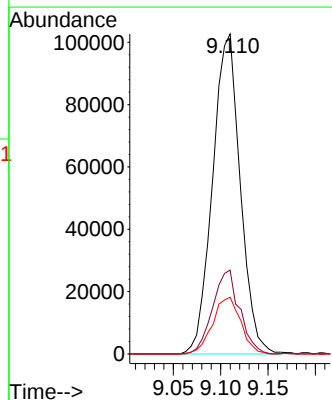
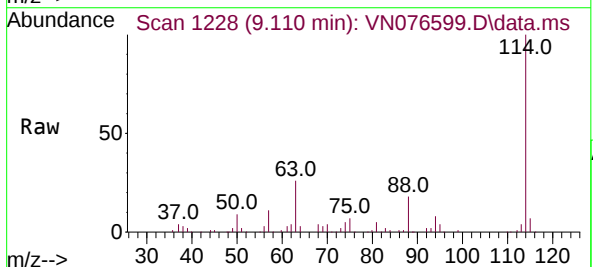
Reviewed By :John Carlone 02/10/2023

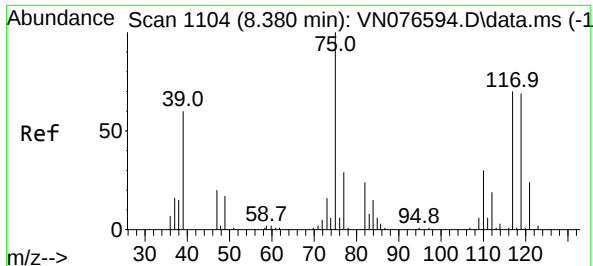
Supervised By :Semsettin Yesilyurt 02/10/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.110 min Scan# 1228
Delta R.T. 0.004 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

Tgt Ion:114 Resp: 208592
Ion Ratio Lower Upper
114 100
63 25.5 16.6 25.0#
88 18.0 12.2 18.4





#29
1,1-Dichloropropene
Concen: 20.164 ug/l
RT: 8.380 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020923

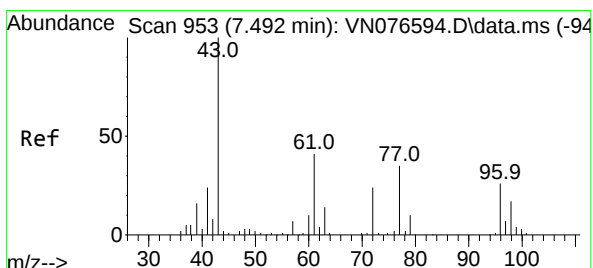
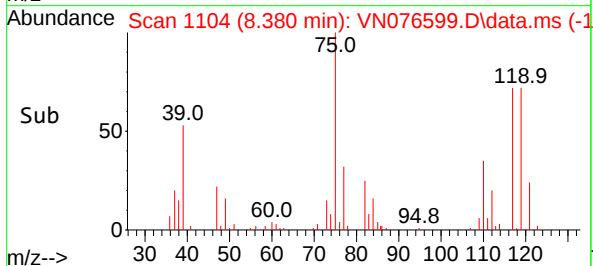
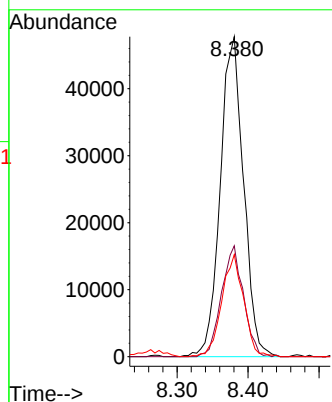
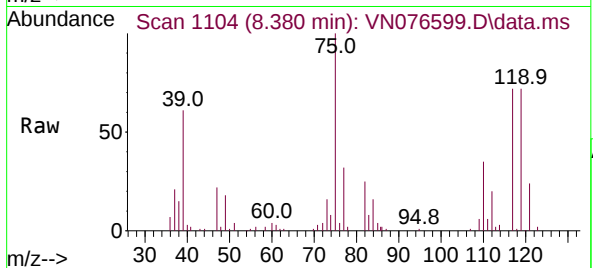
Tgt Ion: 75 Resp: 108870
Ion Ratio Lower Upper
75 100
110 32.6 0.0 72.2
77 30.0 0.0 64.0

Manual Integrations

APPROVED

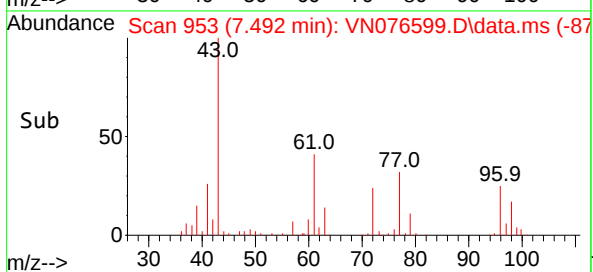
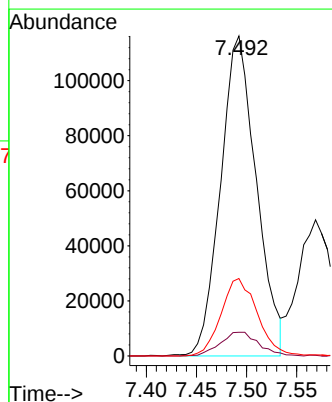
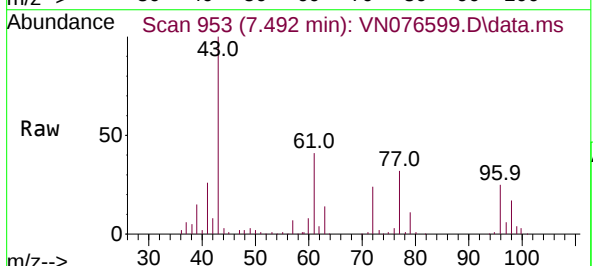
Reviewed By :John Carlone 02/10/2023

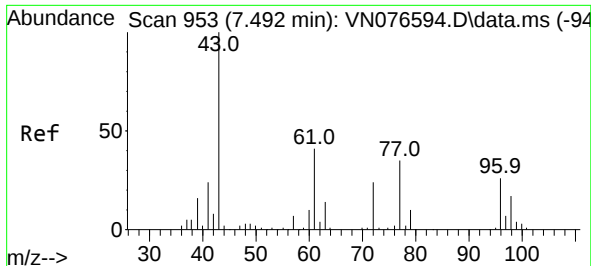
Supervised By :Semsettin Yesilyurt 02/10/2023



#30
2-Butanone
Concen: 99.080 ug/l
RT: 7.492 min Scan# 953
Delta R.T. -0.014 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

Tgt Ion: 43 Resp: 288757
Ion Ratio Lower Upper
43 100
57 7.9 6.3 9.5
72 24.5 21.0 31.4





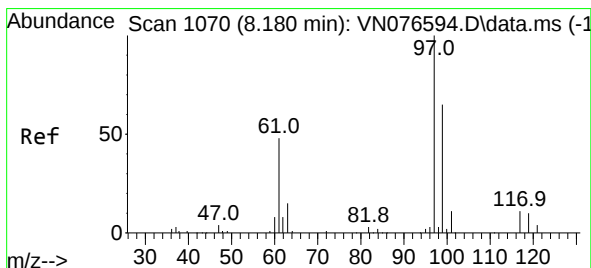
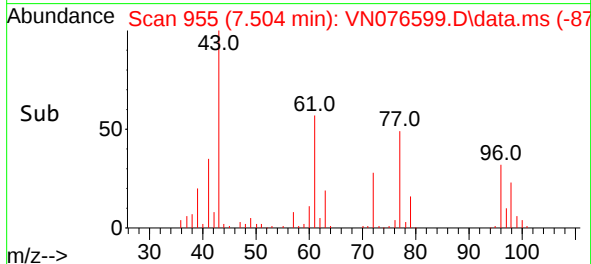
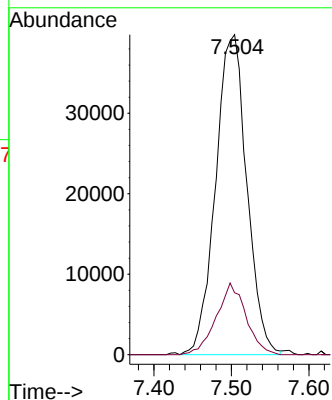
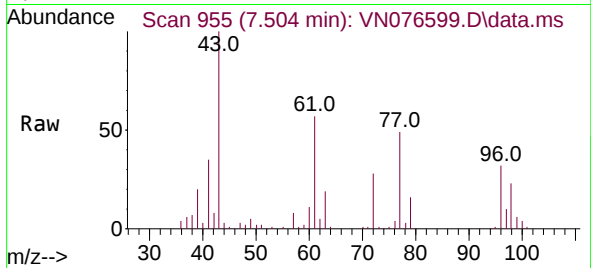
#31
2,2-Dichloropropane
Concen: 19.892 ug/l
RT: 7.504 min Scan# 911
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923

Tgt Ion: 77 Resp: 111512
Ion Ratio Lower Upper
77 100
97 21.3 18.4 27.6

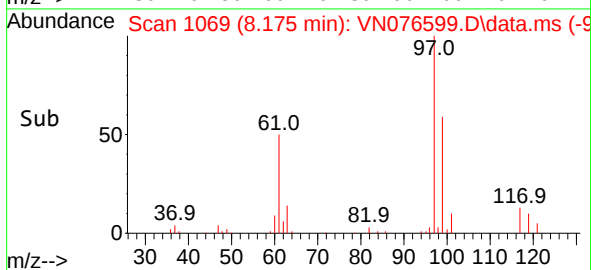
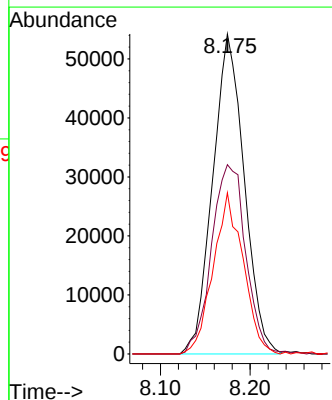
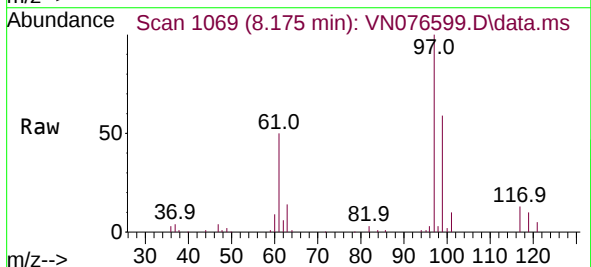
Manual Integrations
APPROVED

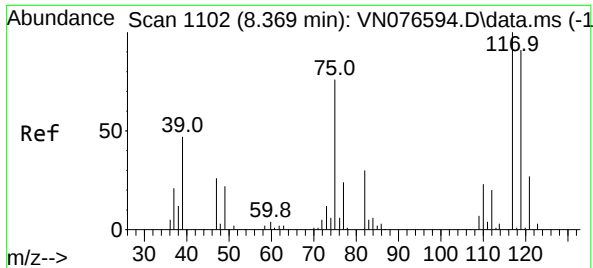
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#32
1,1,1-Trichloroethane
Concen: 19.708 ug/l
RT: 8.175 min Scan# 1069
Delta R.T. -0.008 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

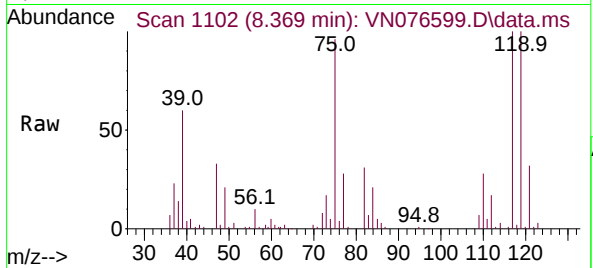
Tgt Ion: 97 Resp: 132025
Ion Ratio Lower Upper
97 100
99 64.1 50.0 75.0
61 47.9 36.1 54.1





#33
Carbon Tetrachloride
Concen: 19.636 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

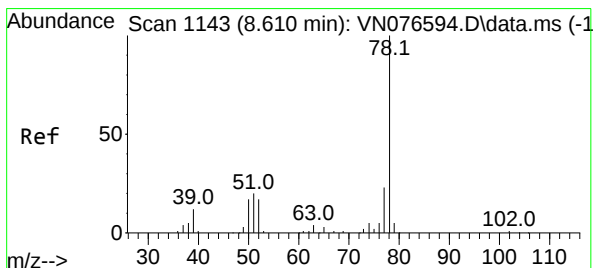
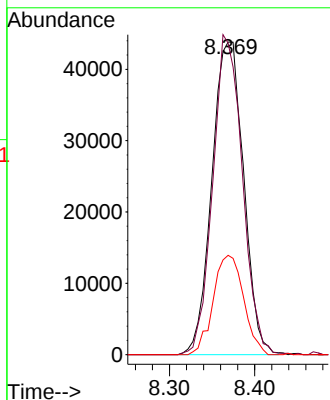
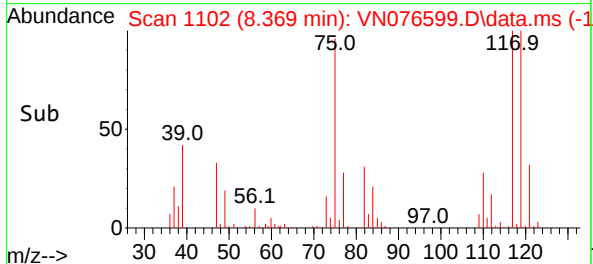
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



Tgt Ion:117 Resp: 113478
Ion Ratio Lower Upper
117 100
119 99.6 77.8 116.6
121 31.8 27.6 41.4

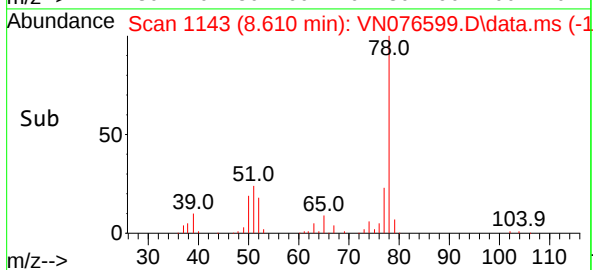
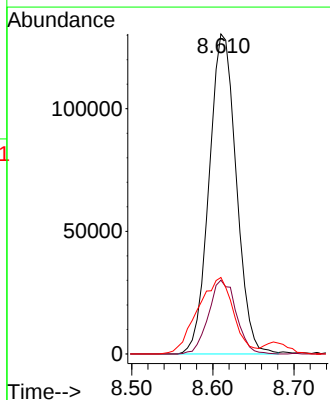
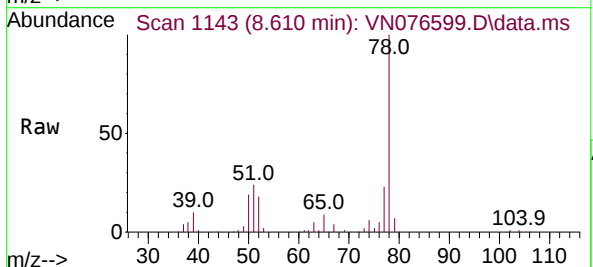
Manual Integrations
APPROVED

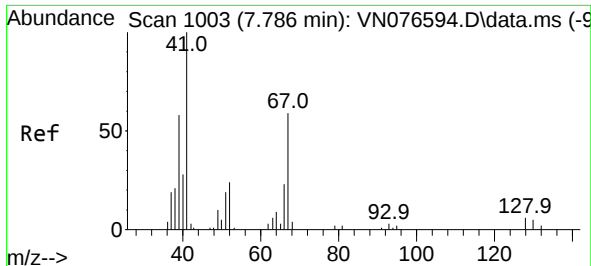
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#34
Benzene
Concen: 18.291 ug/l
RT: 8.610 min Scan# 1143
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

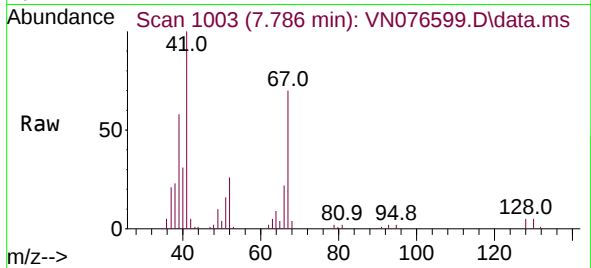
Tgt Ion: 78 Resp: 303451
Ion Ratio Lower Upper
78 100
77 23.0 19.9 29.9
51 21.6 21.1 31.7





#35
Methacrylonitrile
Concen: 19.499 ug/l
RT: 7.786 min Scan# 1003
Delta R.T. -0.008 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

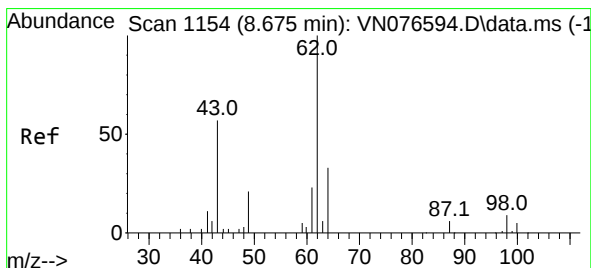
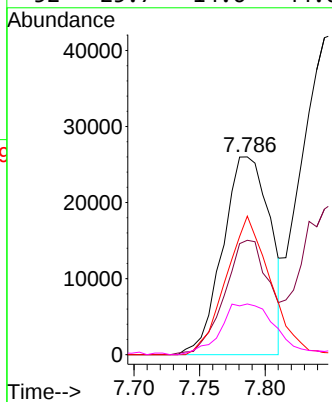
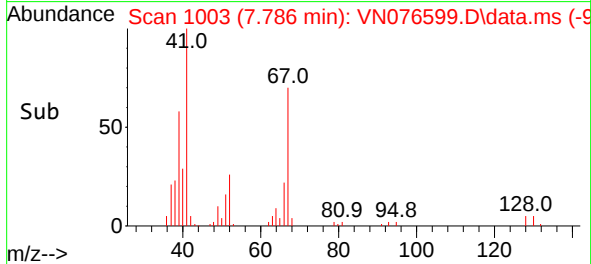
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



Tgt Ion: 41 Resp: 65340
Ion Ratio Lower Upper
41 100
39 57.0 27.7 83.1
67 70.1 38.0 113.9
52 25.7 14.6 44.0

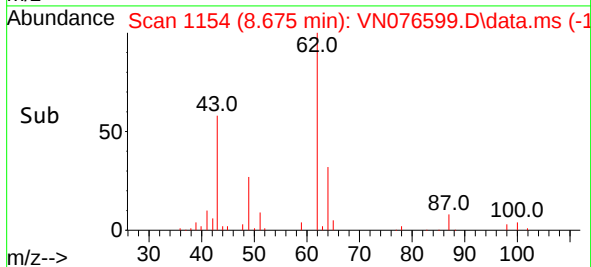
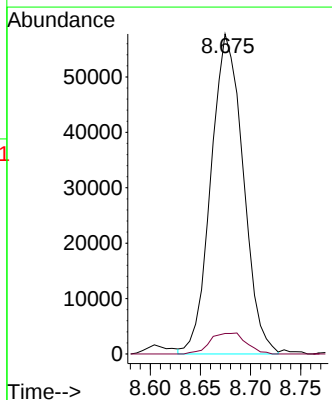
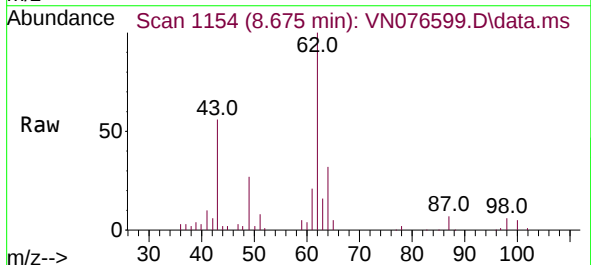
Manual Integrations
APPROVED

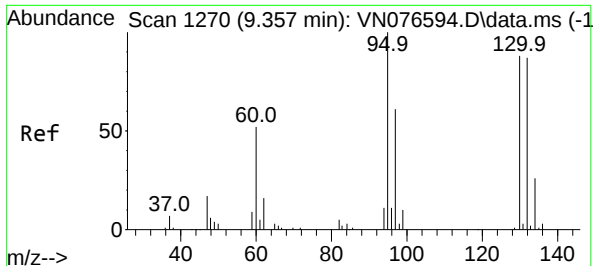
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#36
1,2-Dichloroethane
Concen: 20.296 ug/l
RT: 8.675 min Scan# 1154
Delta R.T. -0.008 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

Tgt Ion: 62 Resp: 129120
Ion Ratio Lower Upper
62 100
98 7.3 7.4 11.2#





#37

Trichloroethene

Concen: 20.836 ug/l

RT: 9.357 min Scan# 11

Delta R.T. -0.002 min

Lab File: VN076599.D

Acq: 09 Feb 2023 19:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020923

Tgt Ion:130 Resp: 70772

Ion Ratio Lower Upper

130 100

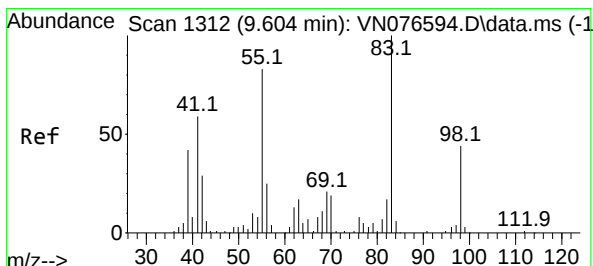
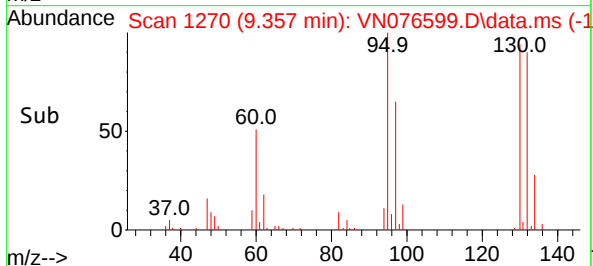
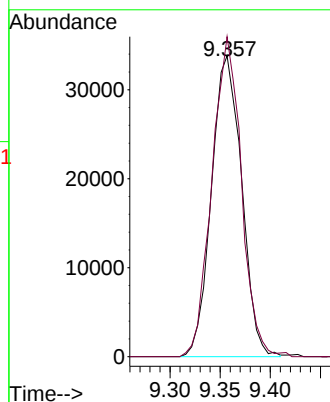
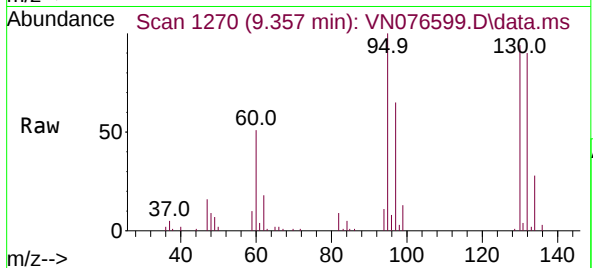
95 106.3 75.9 113.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#38

Methylcyclohexane

Concen: 20.698 ug/l

RT: 9.604 min Scan# 1312

Delta R.T. -0.002 min

Lab File: VN076599.D

Acq: 09 Feb 2023 19:50

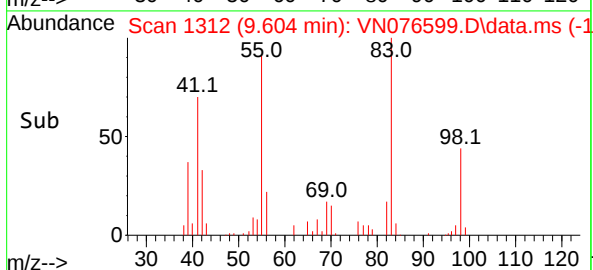
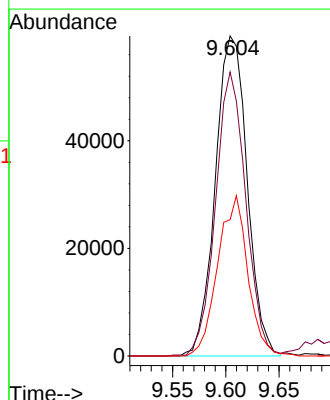
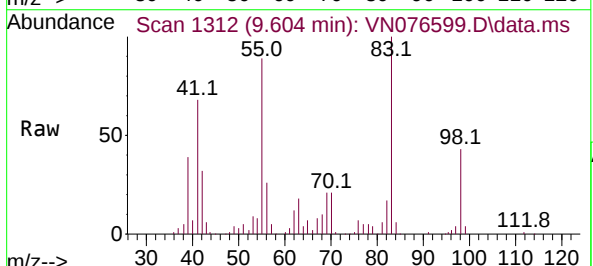
Tgt Ion: 83 Resp: 123696

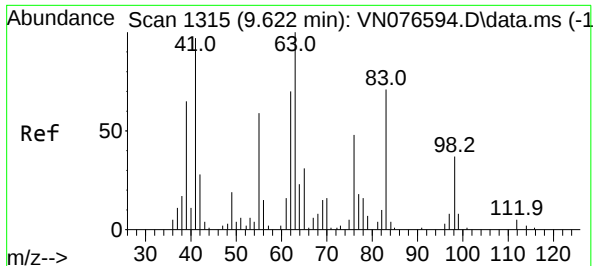
Ion Ratio Lower Upper

83 100

55 84.1 37.4 112.2

98 47.4 24.5 73.5





#39

1,2-Dichloropropane

Concen: 19.965 ug/l

RT: 9.627 min Scan# 1315

Delta R.T. -0.003 min

Lab File: VN076599.D

Acq: 09 Feb 2023 19:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020923

Tgt Ion: 63 Resp: 7904

Ion Ratio Lower Upper

63 100

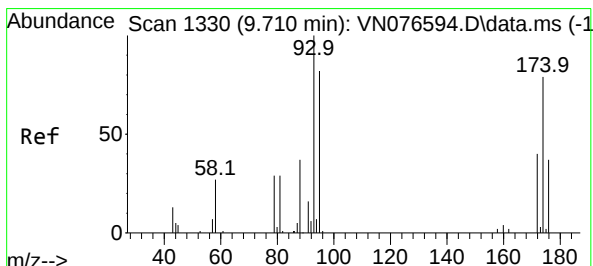
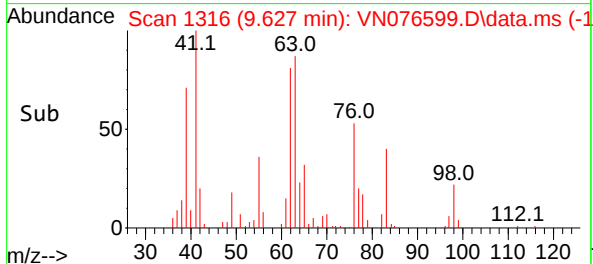
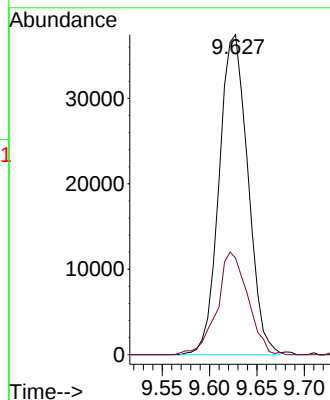
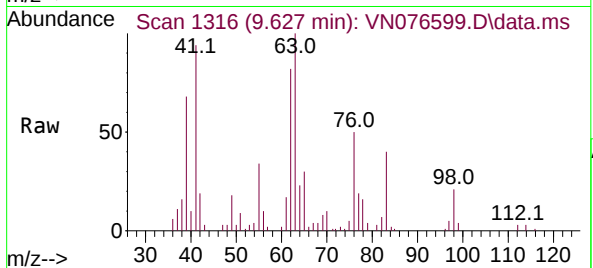
65 29.6 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#40

Dibromomethane

Concen: 20.111 ug/l

RT: 9.716 min Scan# 1331

Delta R.T. 0.004 min

Lab File: VN076599.D

Acq: 09 Feb 2023 19:50

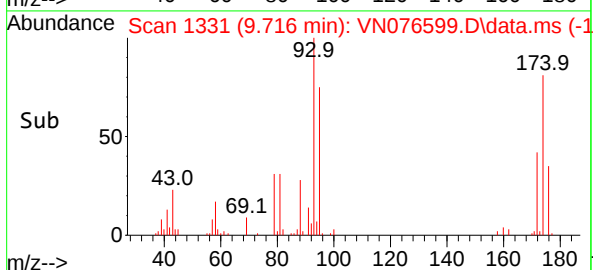
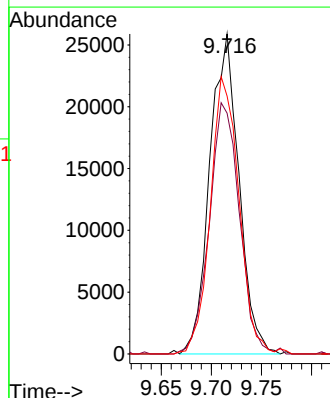
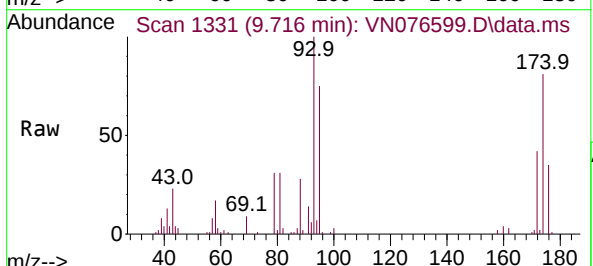
Tgt Ion: 93 Resp: 52381

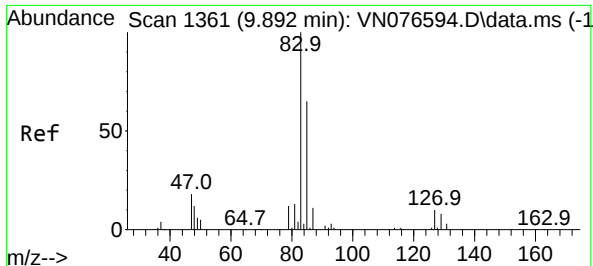
Ion Ratio Lower Upper

93 100

95 80.8 0.0 168.0

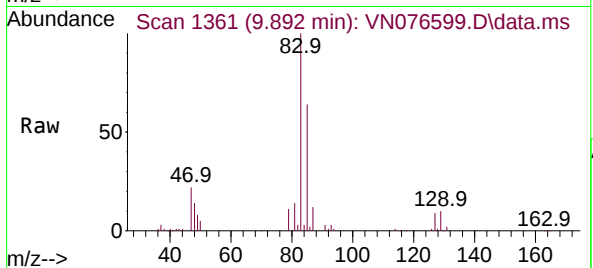
174 84.9 0.0 158.4





#41
Bromodichloromethane
Concen: 20.389 ug/l
RT: 9.892 min Scan# 111650
Delta R.T. 0.004 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

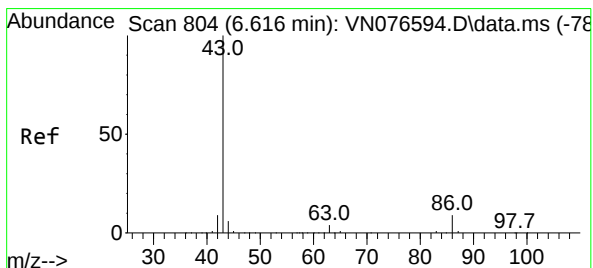
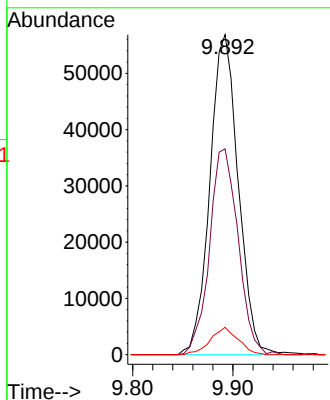
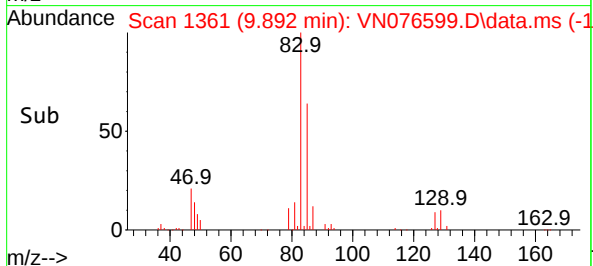
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



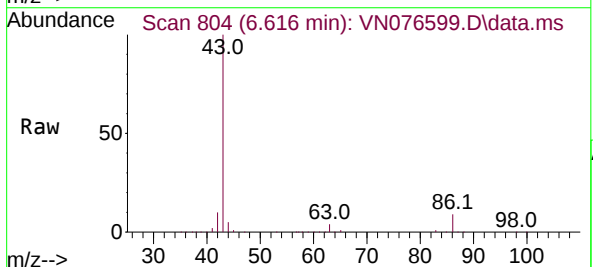
Tgt Ion: 83 Resp: 111650
Ion Ratio Lower Upper
83 100
85 64.3 50.2 75.4
127 8.5 5.1 7.7

Manual Integrations
APPROVED

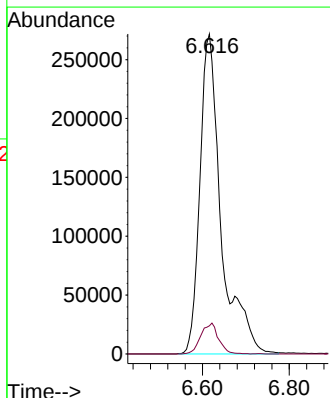
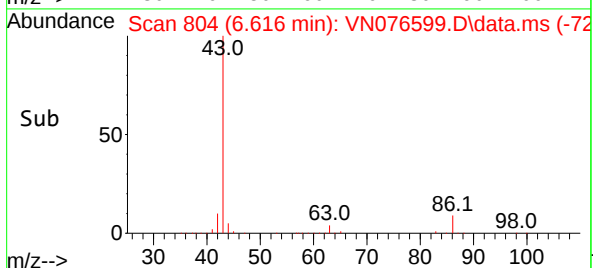
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

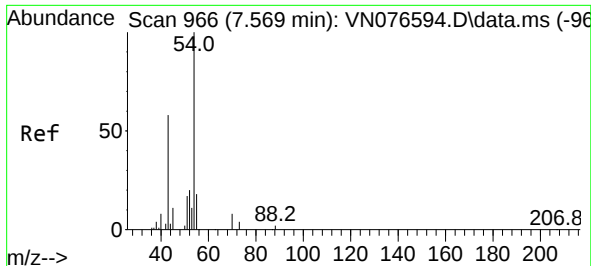


#42
Vinyl Acetate
Concen: 97.401 ug/l m
RT: 6.616 min Scan# 804
Delta R.T. -0.008 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50



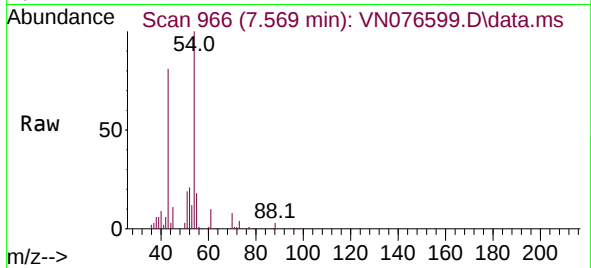
Tgt Ion: 43 Resp: 923328
Ion Ratio Lower Upper
43 100
86 8.0 7.5 11.3





#43
Ethyl Acetate
Concen: 21.464 ug/l
RT: 7.569 min Scan# 966
Delta R.T. -0.014 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

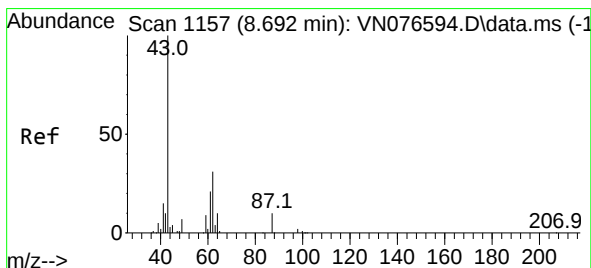
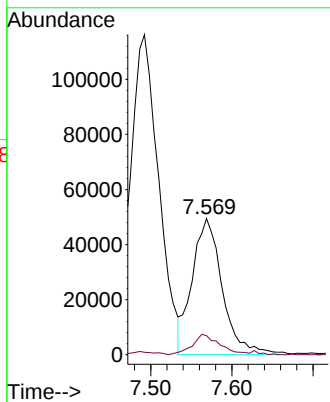
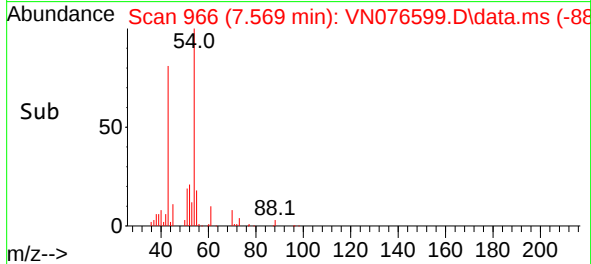
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



Tgt Ion: 43 Resp: 12755
Ion Ratio Lower Upper
43 100
45 13.5 11.5 17.3

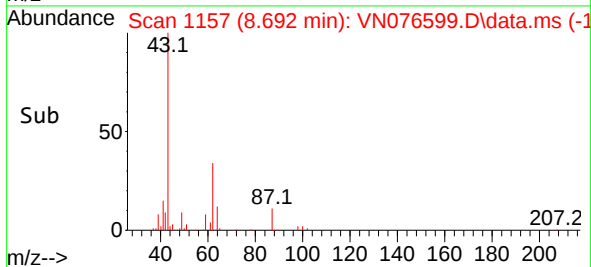
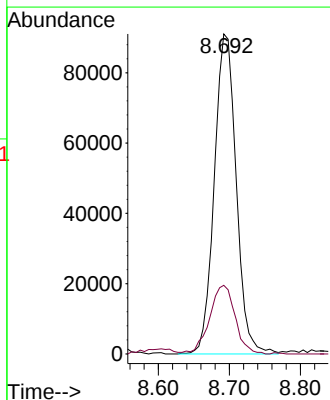
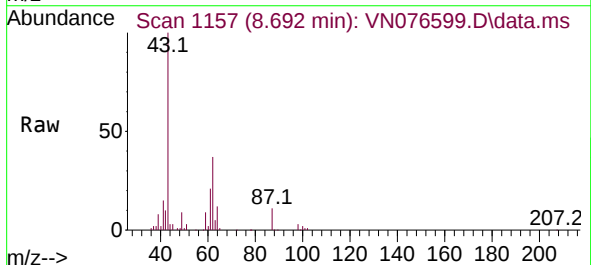
Manual Integrations
APPROVED

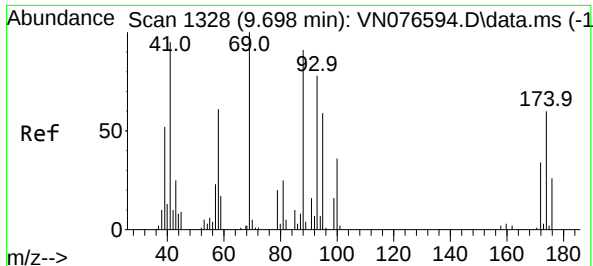
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#44
Isopropyl Acetate
Concen: 19.949 ug/l
RT: 8.692 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

Tgt Ion: 43 Resp: 195008
Ion Ratio Lower Upper
43 100
61 25.0 19.5 29.3





#45

1,4-Dioxane

Concen: 427.910 ug/l

RT: 9.698 min Scan# 1328

Delta R.T. -0.002 min

Lab File: VN076599.D

Acq: 09 Feb 2023 19:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020923

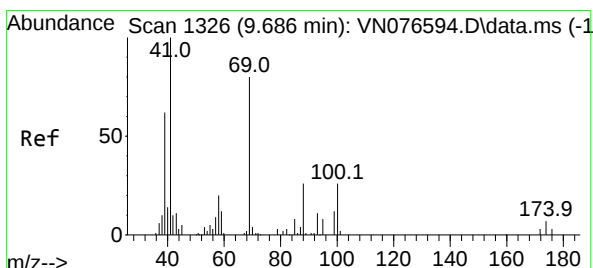
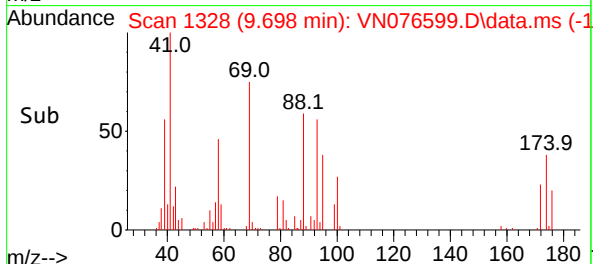
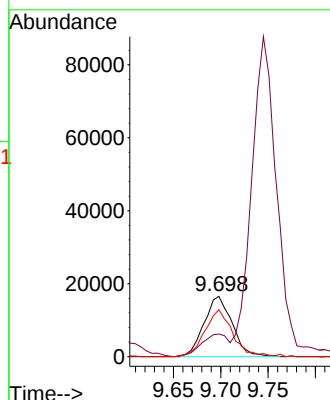
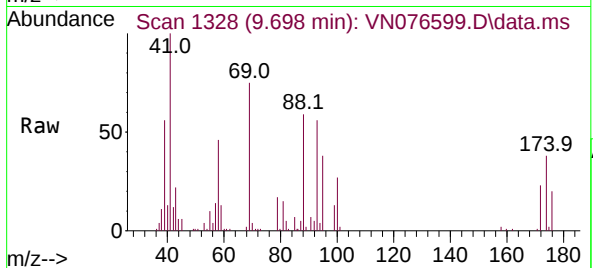
Tgt Ion: 88 Resp: 34099
 Ion Ratio Lower Upper
 88 100
 43 36.1 25.7 38.5
 58 76.6 53.4 80.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#46

Methyl methacrylate

Concen: 20.478 ug/l

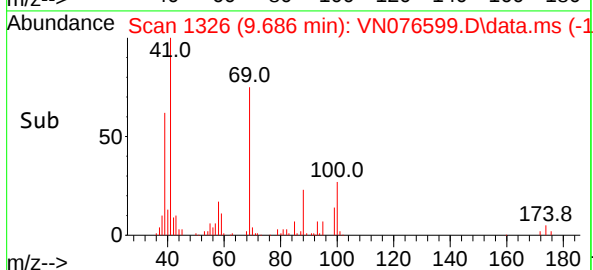
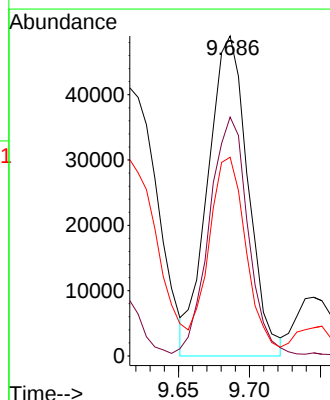
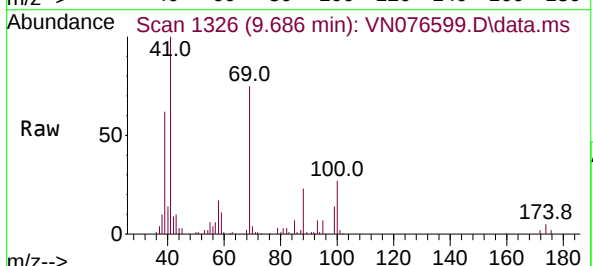
RT: 9.686 min Scan# 1326

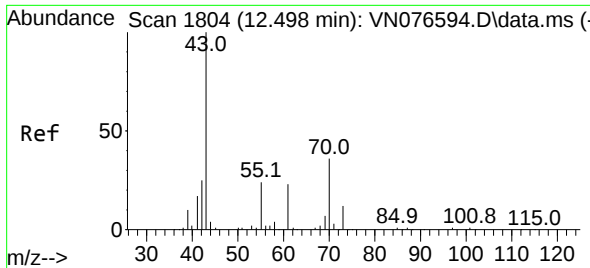
Delta R.T. -0.002 min

Lab File: VN076599.D

Acq: 09 Feb 2023 19:50

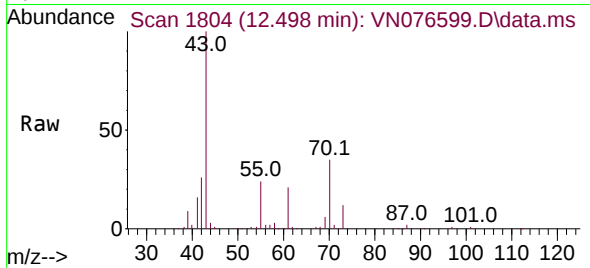
Tgt Ion: 41 Resp: 96516
 Ion Ratio Lower Upper
 41 100
 69 76.7 45.6 136.7
 39 62.9 32.3 96.9





#47
n-amy1 Acetate
Concen: 20.608 ug/l
RT: 12.498 min Scan# 1804
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

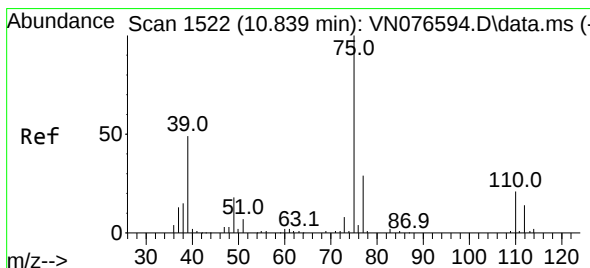
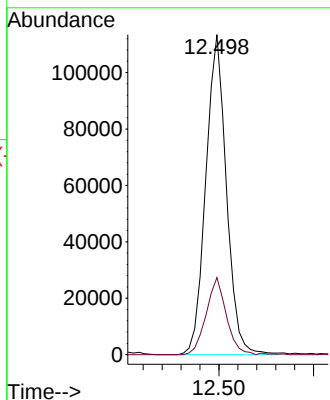
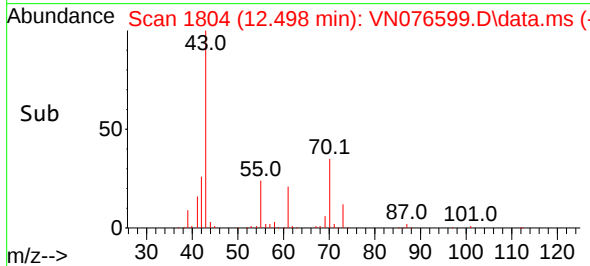
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



Tgt Ion: 43 Resp: 171233
Ion Ratio Lower Upper
43 100
55 23.4 16.8 25.2

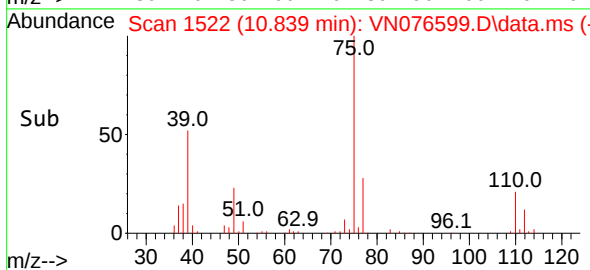
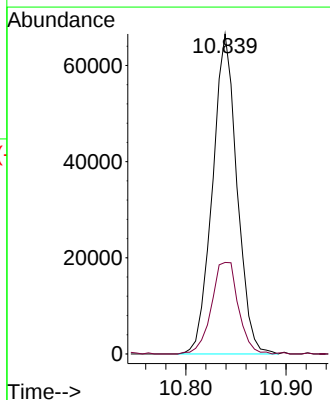
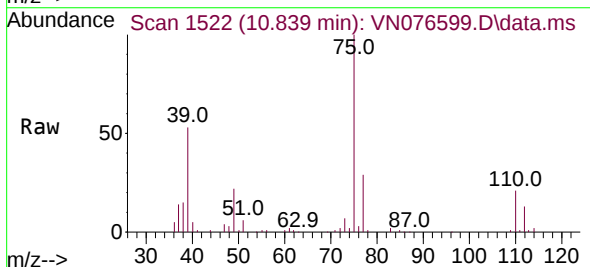
Manual Integrations
APPROVED

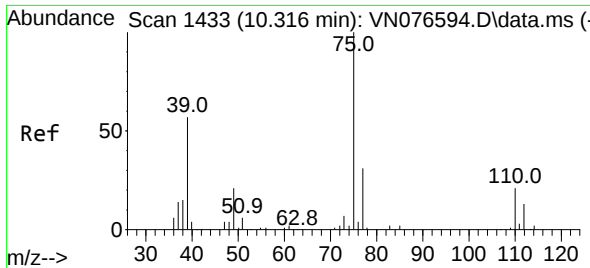
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#48
t-1,3-Dichloropropene
Concen: 20.496 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

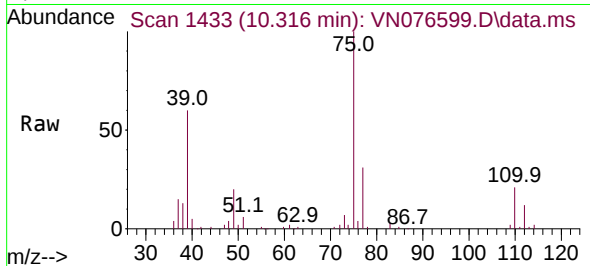
Tgt Ion: 75 Resp: 112986
Ion Ratio Lower Upper
75 100
77 28.6 25.8 38.8





#49
 cis-1,3-Dichloropropene
 Concen: 20.513 ug/l
 RT: 10.316 min Scan# 1433
 Delta R.T. -0.002 min
 Lab File: VN076599.D
 Acq: 09 Feb 2023 19:50

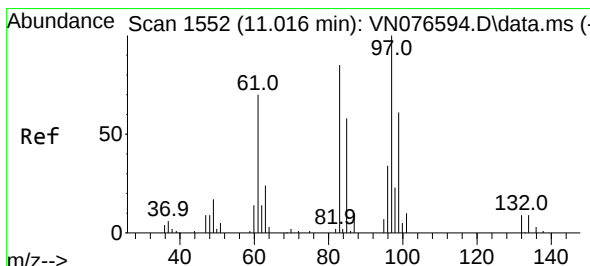
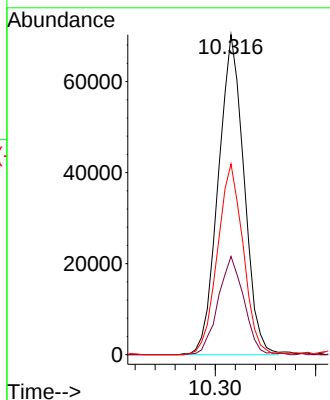
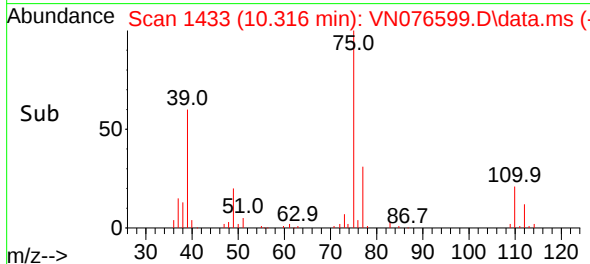
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN020923



Tgt Ion: 75 Resp: 125002
 Ion Ratio Lower Upper
 75 100
 77 30.7 22.5 33.7
 39 59.6 37.6 56.4

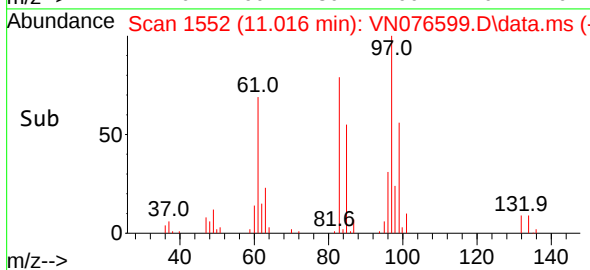
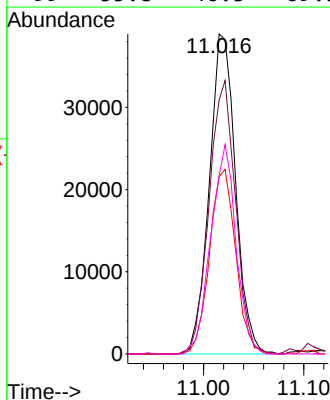
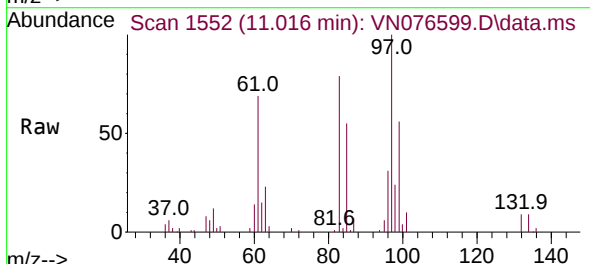
Manual Integrations
 APPROVED

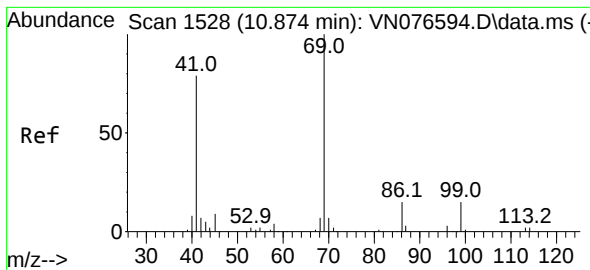
Reviewed By :John Carlone 02/10/2023
 Supervised By :Semsettin Yesilyurt 02/10/2023



#50
 1,1,2-Trichloroethane
 Concen: 20.041 ug/l
 RT: 11.016 min Scan# 1552
 Delta R.T. -0.002 min
 Lab File: VN076599.D
 Acq: 09 Feb 2023 19:50

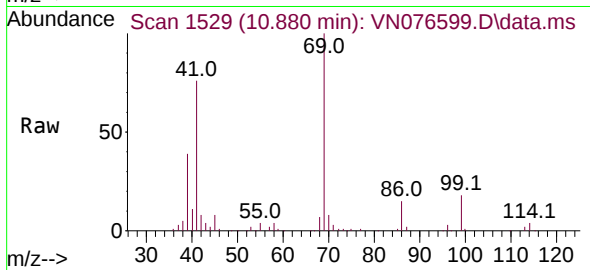
Tgt Ion: 97 Resp: 70888
 Ion Ratio Lower Upper
 97 100
 83 79.4 69.2 103.8
 85 55.5 41.4 62.2
 99 55.8 46.3 69.5





#51
Ethyl methacrylate
Concen: 20.708 ug/l
RT: 10.880 min Scan# 116300
Delta R.T. 0.003 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

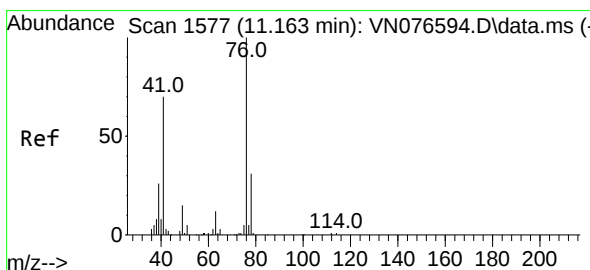
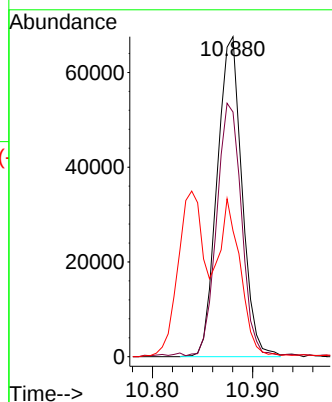
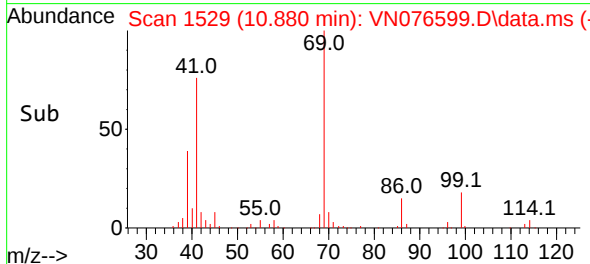
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



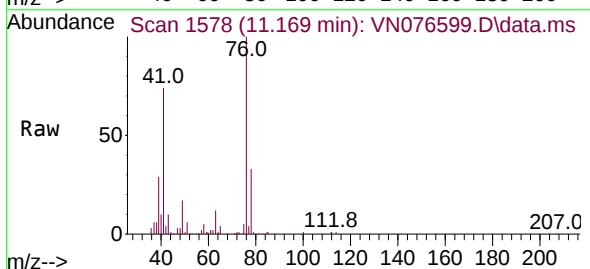
Tgt Ion: 69 Resp: 116300
Ion Ratio Lower Upper
69 100
41 76.0 32.5 97.5
39 38.9 21.5 64.5

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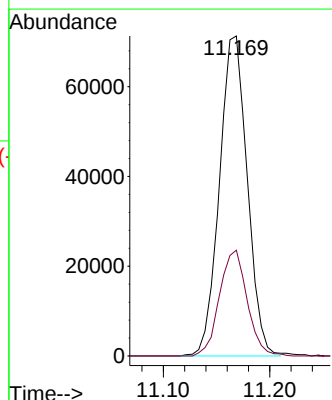
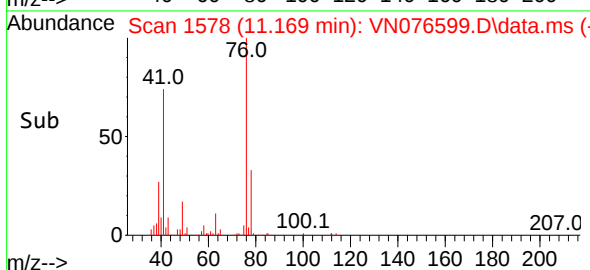
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

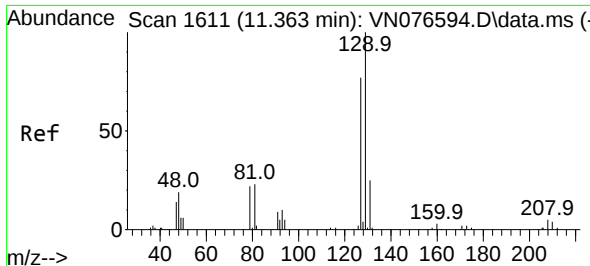


#52
1,3-Dichloropropane
Concen: 19.626 ug/l
RT: 11.169 min Scan# 1578
Delta R.T. 0.004 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50



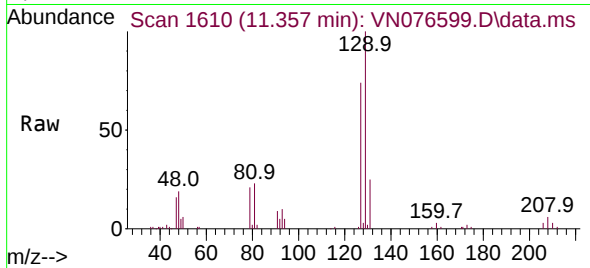
Tgt Ion: 76 Resp: 129406
Ion Ratio Lower Upper
76 100
78 32.8 0.0 63.8





#53
Dibromochloromethane
Concen: 20.480 ug/l
RT: 11.357 min Scan# 1610
Delta R.T. -0.008 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

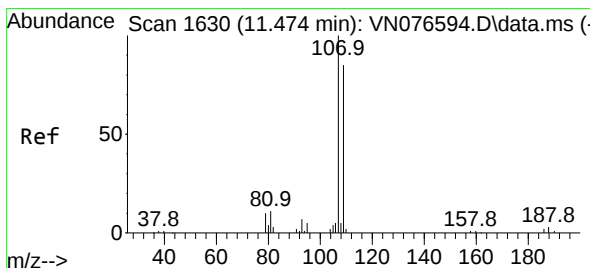
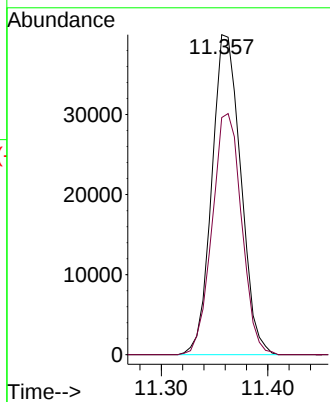
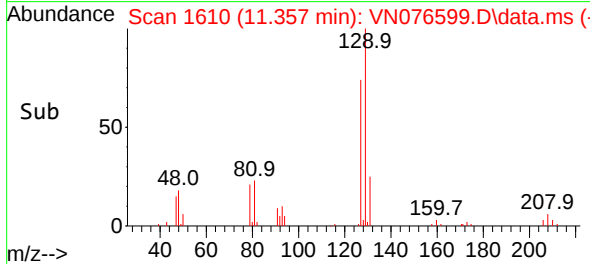
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



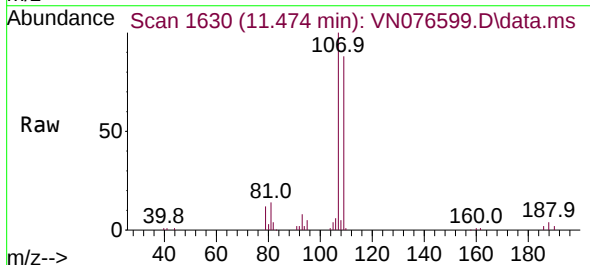
Tgt Ion:129 Resp: 75270
Ion Ratio Lower Upper
129 100
127 76.8 40.6 121.7

Manual Integrations
APPROVED

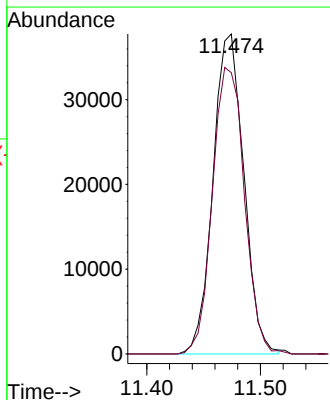
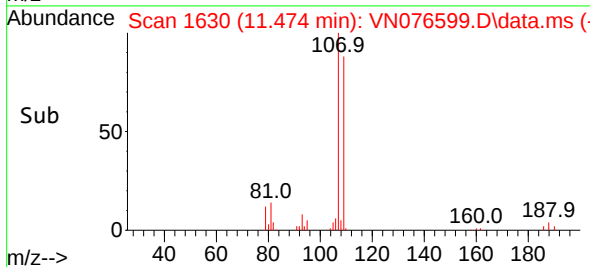
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

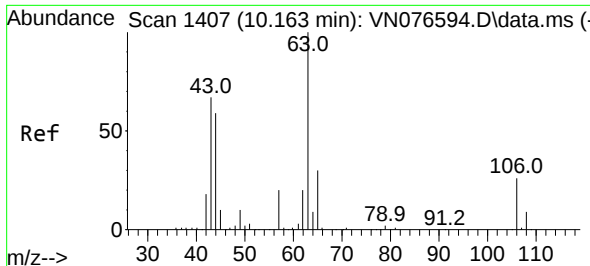


#54
1,2-Dibromoethane
Concen: 19.836 ug/l
RT: 11.474 min Scan# 1630
Delta R.T. 0.003 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50



Tgt Ion:107 Resp: 71000
Ion Ratio Lower Upper
107 100
109 92.7 76.2 114.2





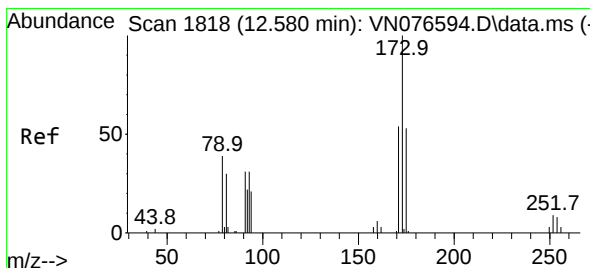
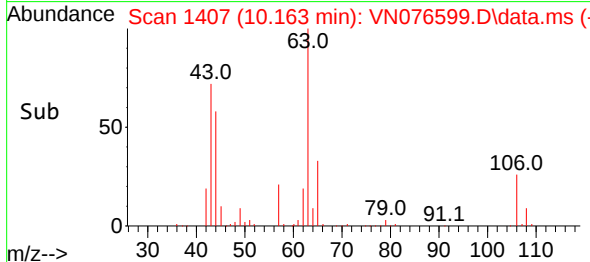
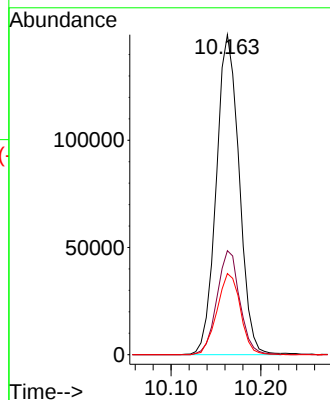
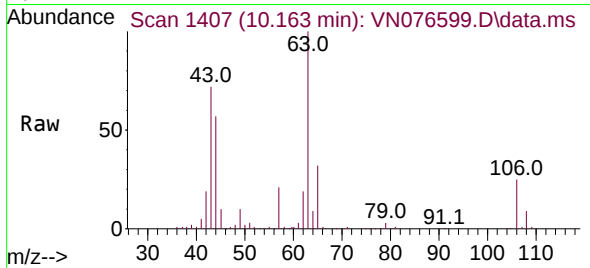
#55
2-Chloroethyl vinyl ether
Concen: 103.033 ug/l
RT: 10.163 min Scan# 1407
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923

Tgt Ion: 63 Resp: 264328
Ion Ratio Lower Upper
63 100
65 32.3 24.6 36.8
106 26.0 21.3 31.9

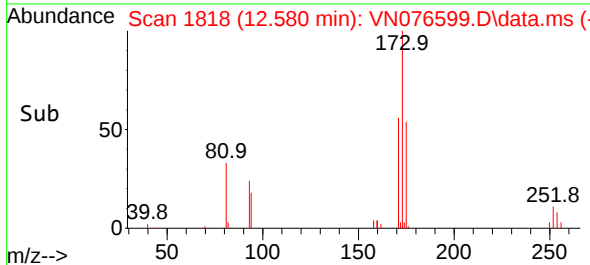
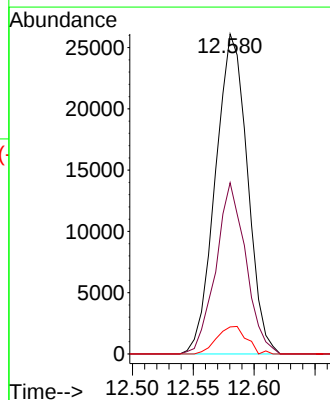
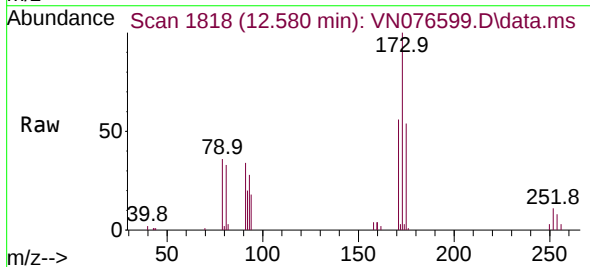
Manual Integrations
APPROVED

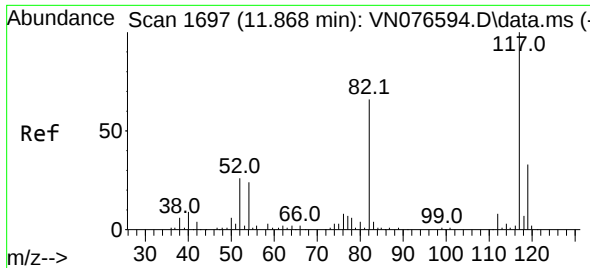
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#56
Bromoform
Concen: 20.166 ug/l
RT: 12.580 min Scan# 1818
Delta R.T. 0.004 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

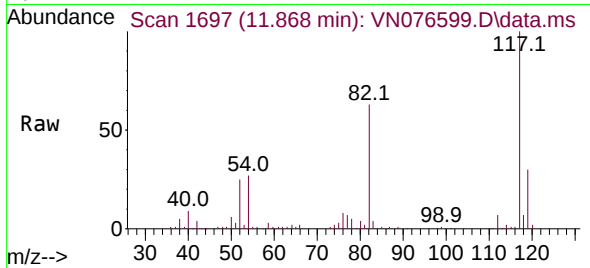
Tgt Ion:173 Resp: 47736
Ion Ratio Lower Upper
173 100
175 50.0 39.1 58.7
254 7.8 7.0 10.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.868 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

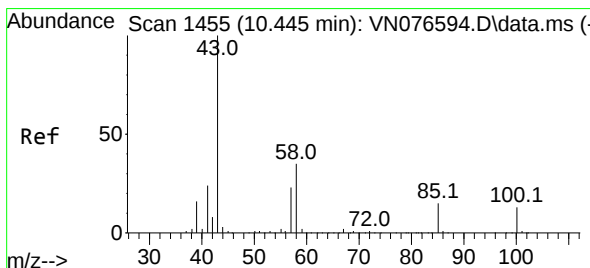
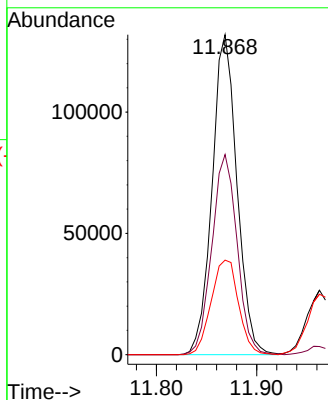
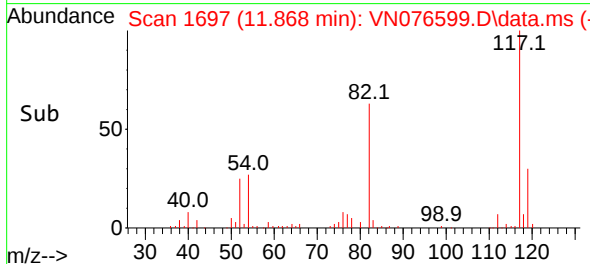
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



Tgt Ion:117 Resp: 22753
Ion Ratio Lower Upper
117 100
82 63.4 44.6 67.0
119 32.5 25.6 38.4

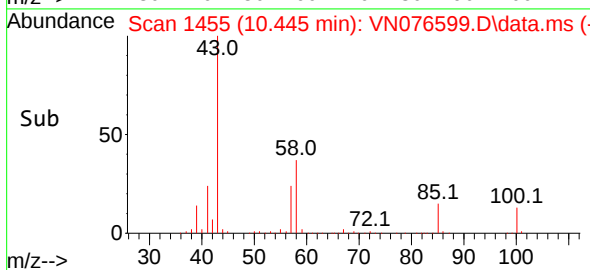
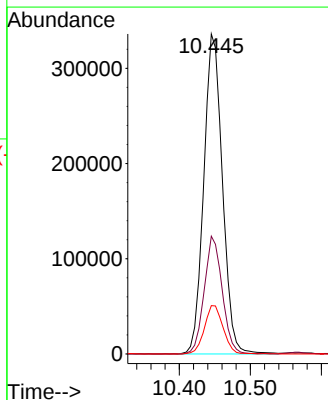
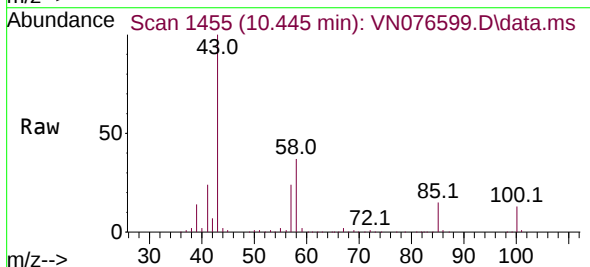
Manual Integrations
APPROVED

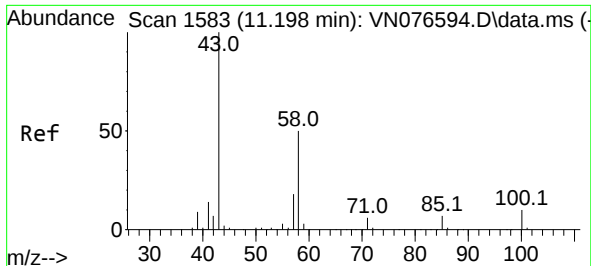
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#58
4-Methyl-2-Pentanone
Concen: 96.751 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

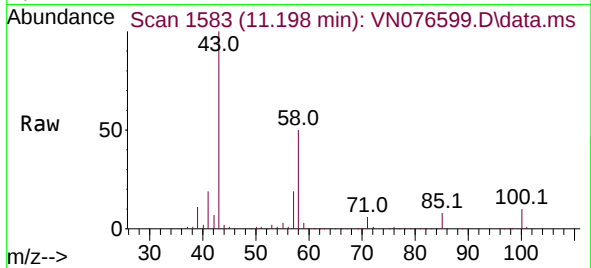
Tgt Ion: 43 Resp: 615411
Ion Ratio Lower Upper
43 100
58 35.4 30.8 46.2
85 15.1 13.3 19.9





#59
2-Hexanone
Concen: 97.049 ug/l
RT: 11.198 min Scan# 1583
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

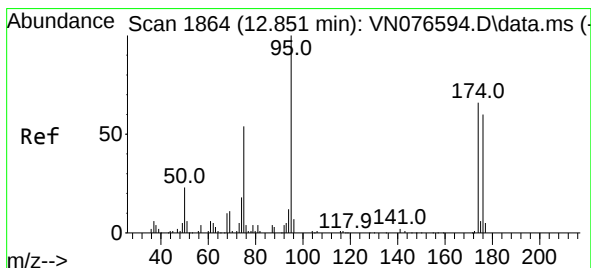
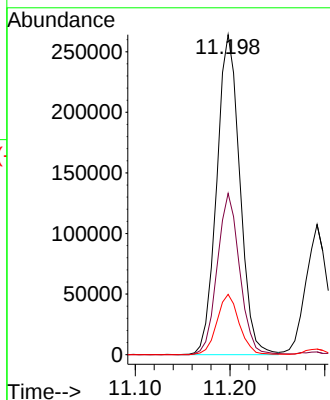
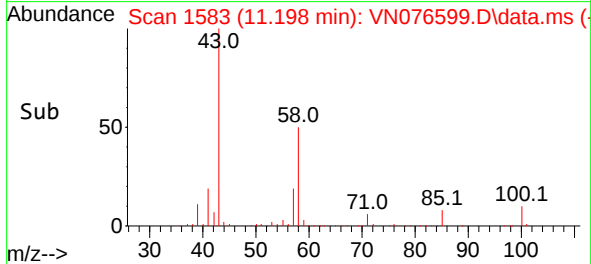
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



Tgt Ion: 43 Resp: 448828
Ion Ratio Lower Upper
43 100
58 48.8 43.6 65.4
57 18.2 14.3 21.5

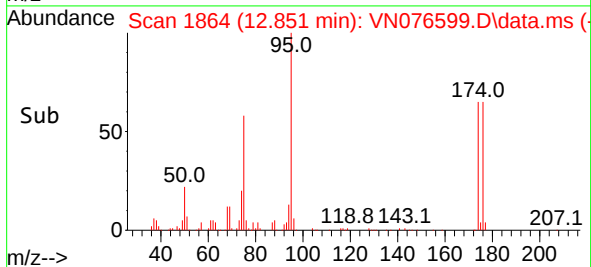
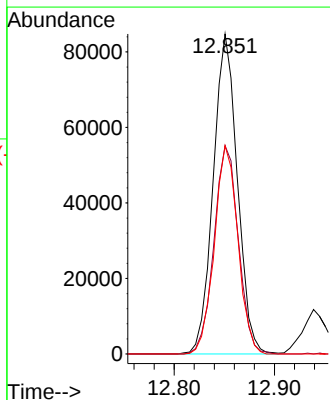
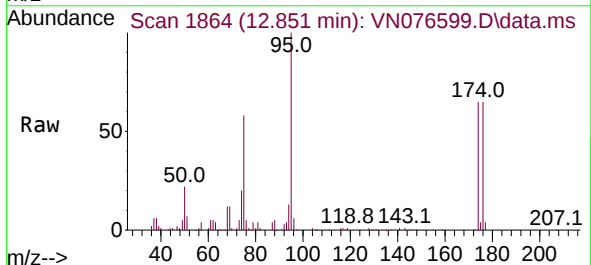
Manual Integrations
APPROVED

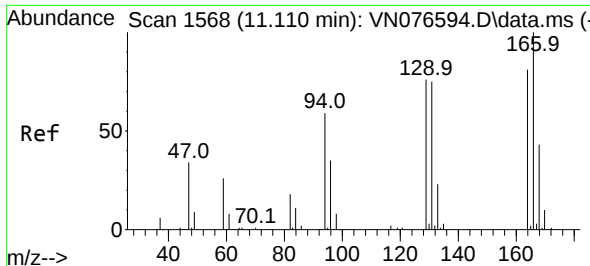
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#60
4-Bromofluorobenzene
Concen: 27.583 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

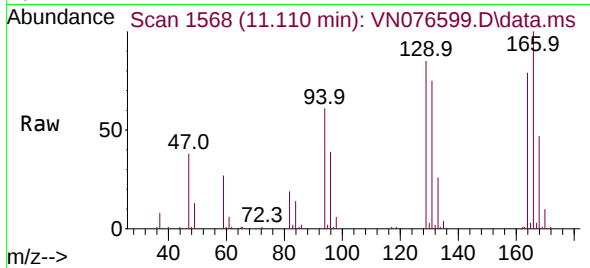
Tgt Ion: 95 Resp: 141689
Ion Ratio Lower Upper
95 100
174 65.6 57.8 86.8
176 63.3 57.0 85.4





#61
Tetrachloroethene
Concen: 19.266 ug/l
RT: 11.110 min Scan# 1568
Delta R.T. 0.004 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

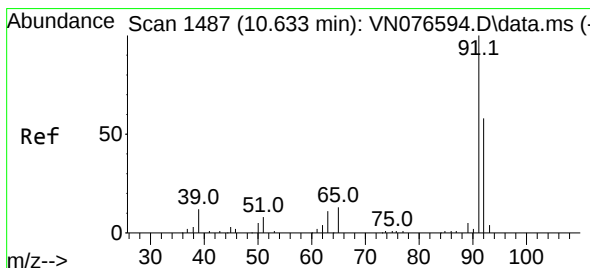
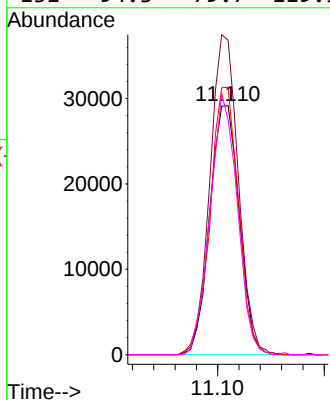
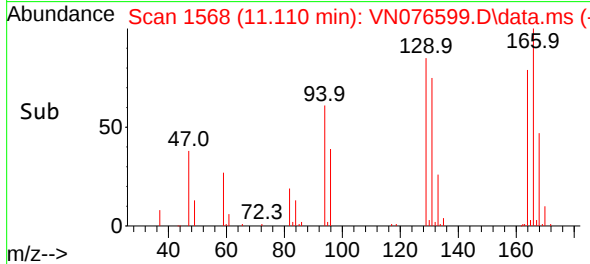
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



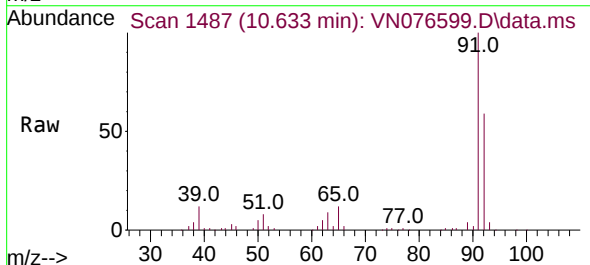
Tgt Ion:164 Resp: 56030
Ion Ratio Lower Upper
164 100
166 126.3 99.6 149.4
129 107.5 84.0 126.0
131 94.3 79.7 119.5

Manual Integrations
APPROVED

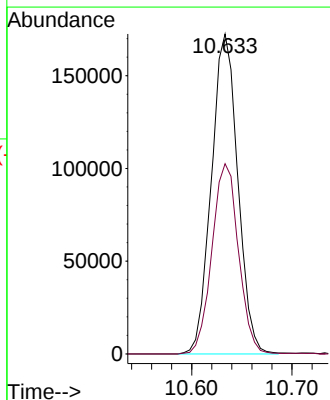
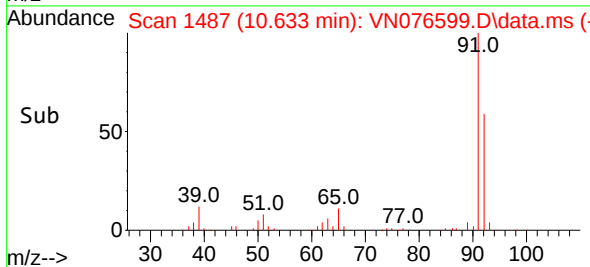
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

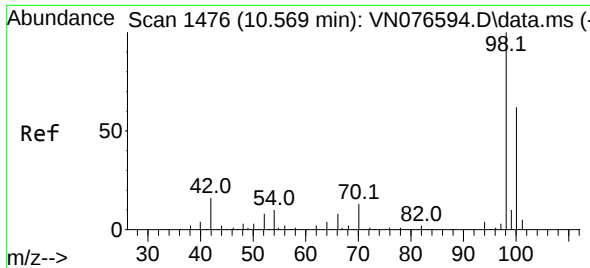


#62
Toluene
Concen: 18.720 ug/l
RT: 10.633 min Scan# 1487
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50



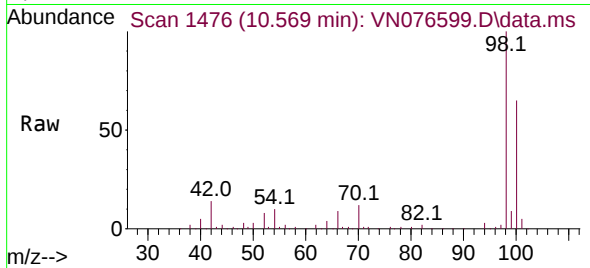
Tgt Ion: 91 Resp: 315796
Ion Ratio Lower Upper
91 100
92 59.6 46.0 69.0





#63
Toluene-d8
Concen: 29.353 ug/l
RT: 10.569 min Scan# 1476
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

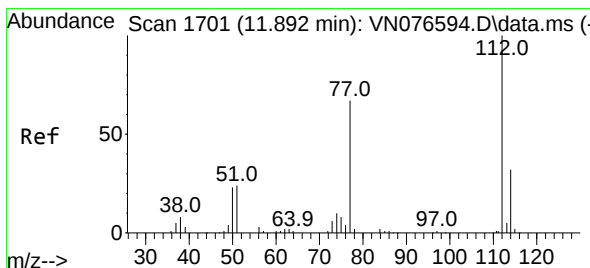
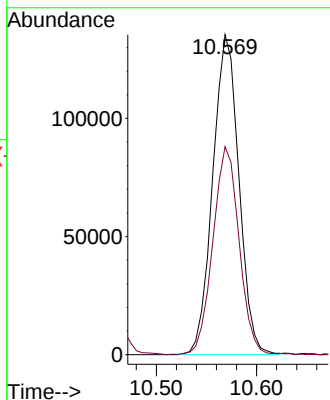
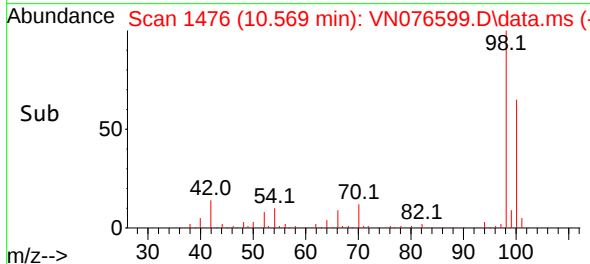
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



Tgt Ion: 98 Resp: 24523
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1

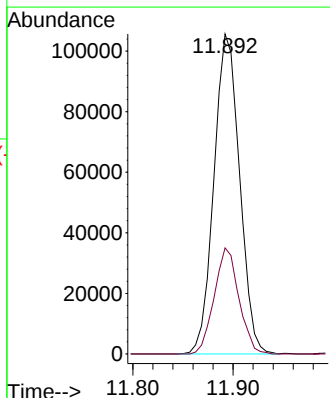
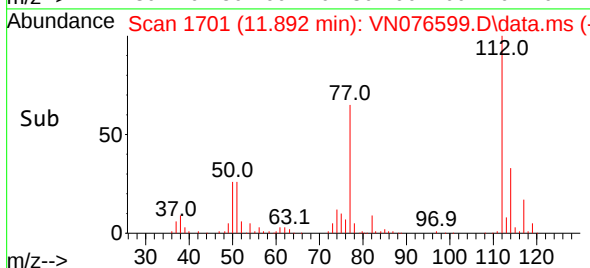
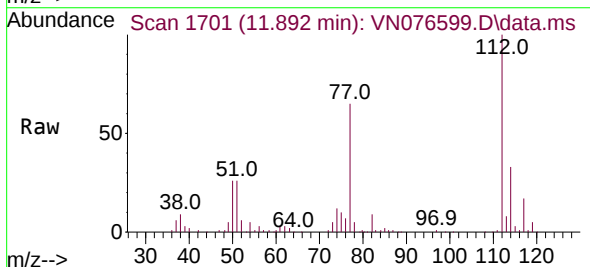
Manual Integrations
APPROVED

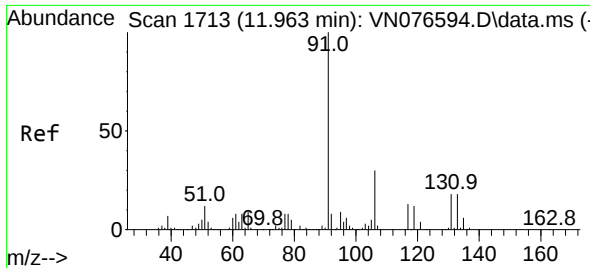
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#64
Chlorobenzene
Concen: 19.161 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

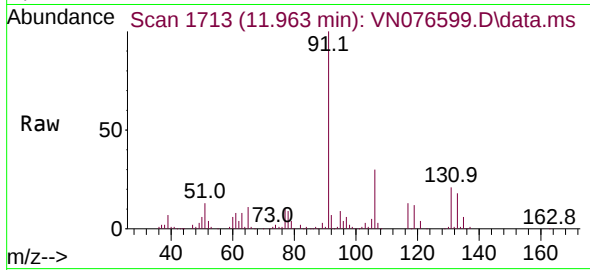
Tgt Ion:112 Resp: 187255
Ion Ratio Lower Upper
112 100
114 33.1 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 19.144 ug/l
RT: 11.963 min Scan# 1713
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

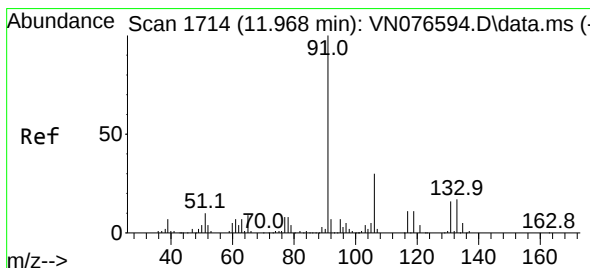
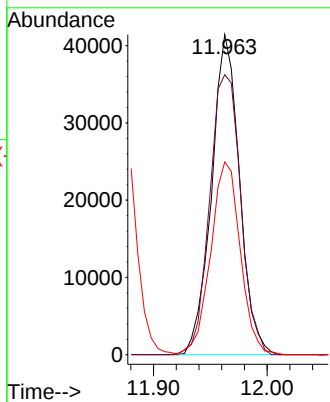
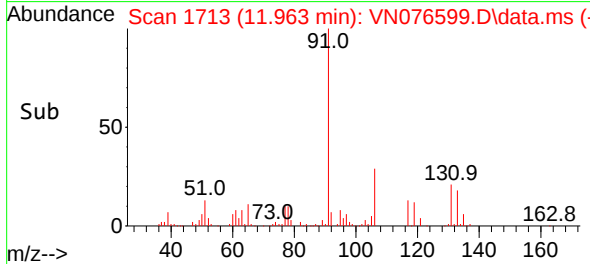
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



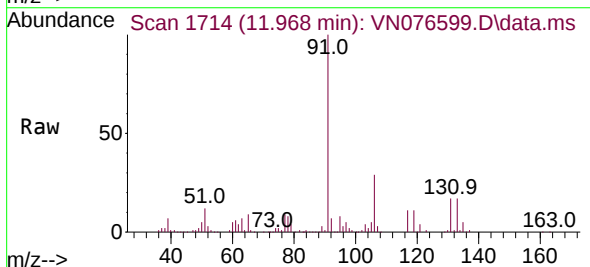
Tgt Ion:131 Resp: 70928
Ion Ratio Lower Upper
131 100
133 97.0 0.0 191.8
119 63.7 0.0 135.8

Manual Integrations
APPROVED

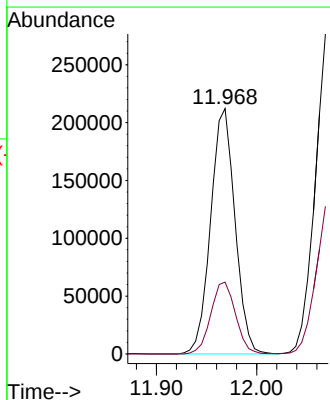
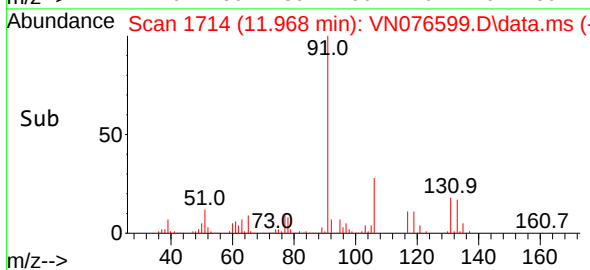
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

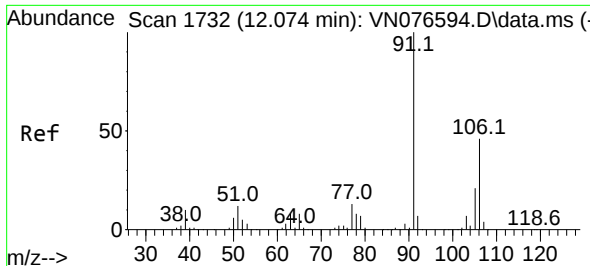


#66
Ethyl Benzene
Concen: 19.326 ug/l
RT: 11.968 min Scan# 1714
Delta R.T. 0.003 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50



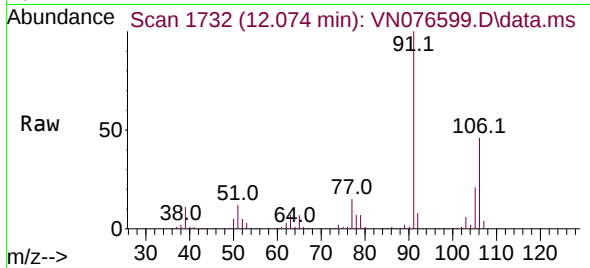
Tgt Ion: 91 Resp: 357423
Ion Ratio Lower Upper
91 100
106 29.2 24.1 36.1





#67
m/p-Xylenes
Concen: 38.346 ug/l
RT: 12.074 min Scan# 1732
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

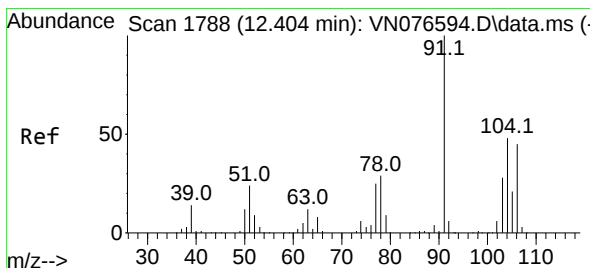
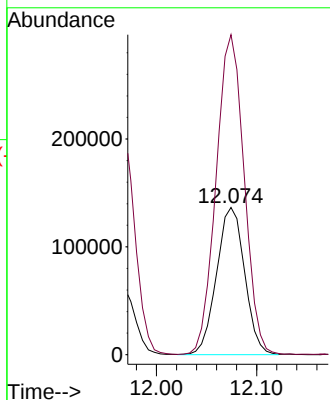
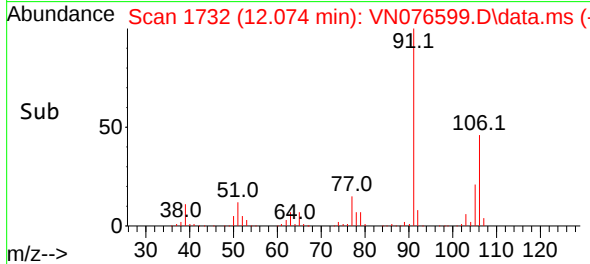
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



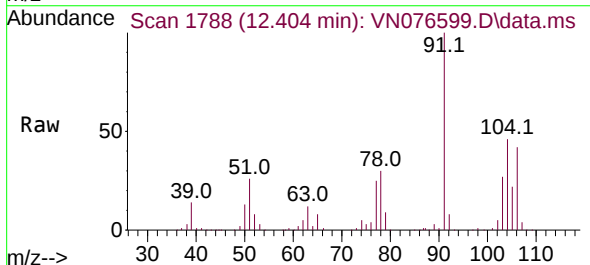
Tgt Ion:106 Resp: 266082
Ion Ratio Lower Upper
106 100
91 217.1 164.2 246.4

Manual Integrations
APPROVED

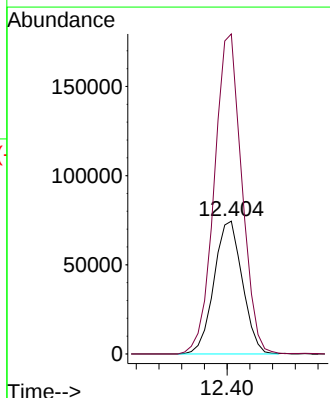
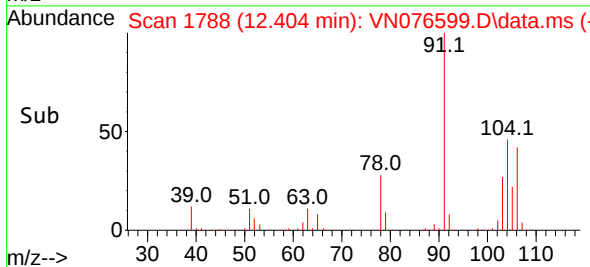
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

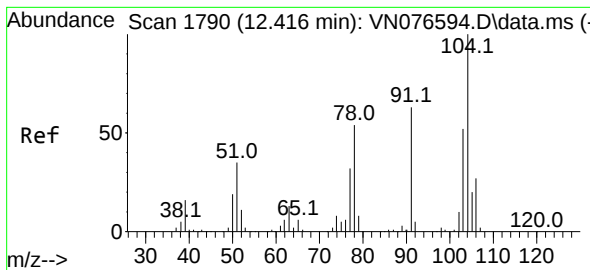


#68
o-Xylene
Concen: 18.895 ug/l
RT: 12.404 min Scan# 1788
Delta R.T. 0.004 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50



Tgt Ion:106 Resp: 129167
Ion Ratio Lower Upper
106 100
91 233.7 108.5 325.5





#69

Styrene

Concen: 19.328 ug/l

RT: 12.416 min Scan# 1790

Delta R.T. 0.003 min

Lab File: VN076599.D

Acq: 09 Feb 2023 19:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020923

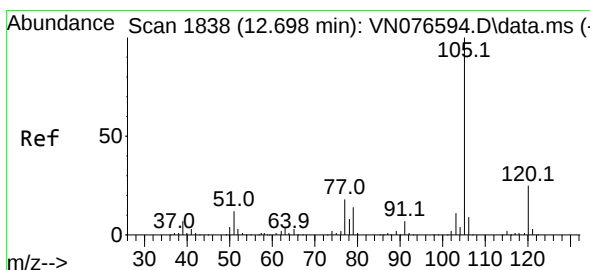
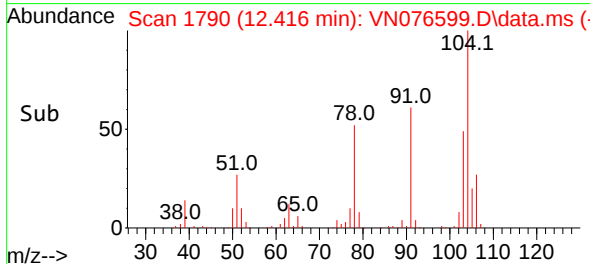
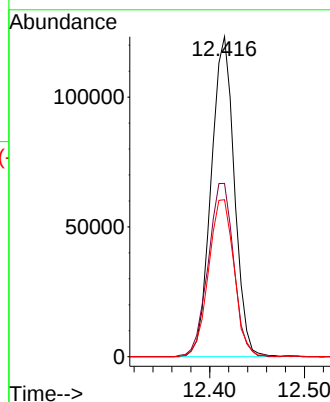
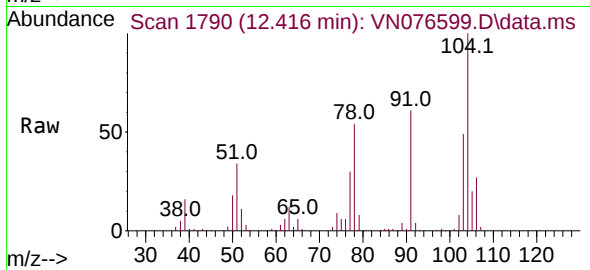
Tgt Ion:104 Resp: 209733
 Ion Ratio Lower Upper
 104 100
 78 59.5 39.9 59.9
 103 54.0 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#70

Isopropylbenzene

Concen: 18.820 ug/l

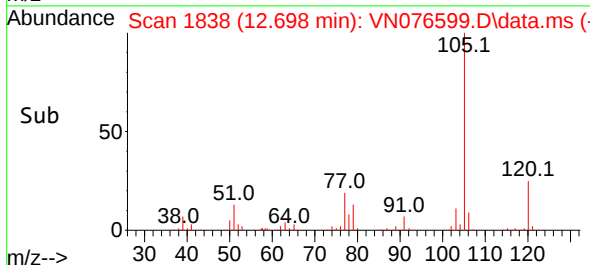
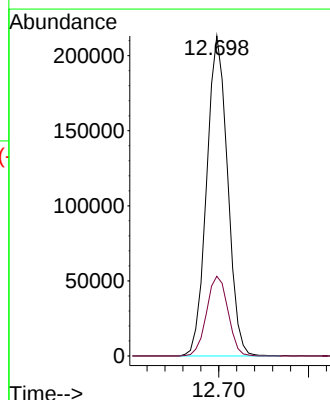
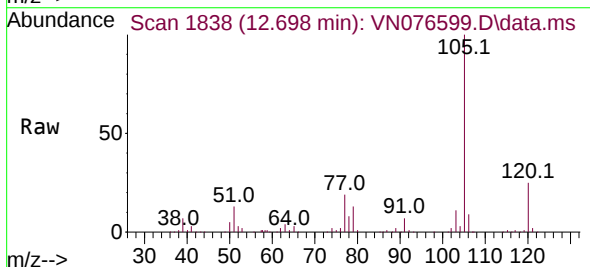
RT: 12.698 min Scan# 1838

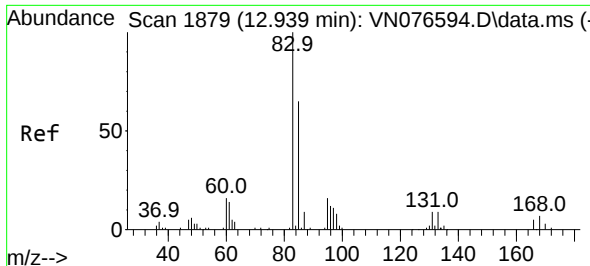
Delta R.T. -0.002 min

Lab File: VN076599.D

Acq: 09 Feb 2023 19:50

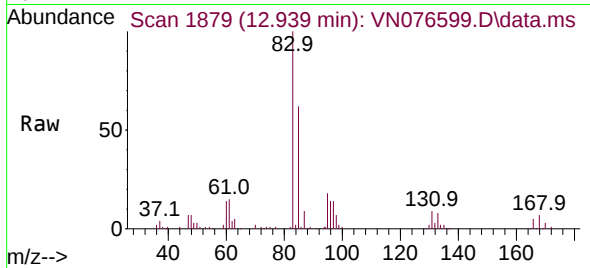
Tgt Ion:105 Resp: 344782
 Ion Ratio Lower Upper
 105 100
 120 25.4 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 17.325 ug/l
RT: 12.939 min Scan# 1879
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

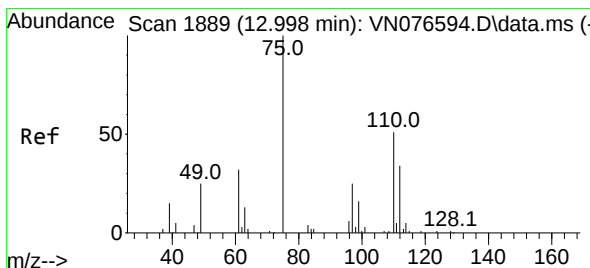
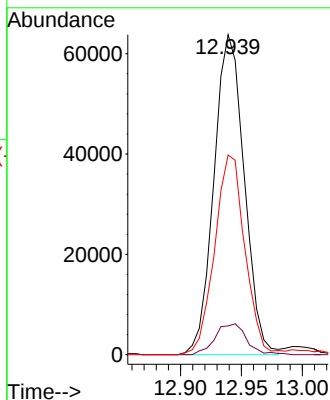
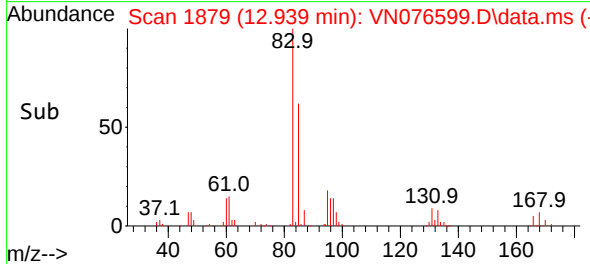
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



Tgt Ion: 83 Resp: 110654
Ion Ratio Lower Upper
83 100
131 9.7 4.5 13.5
85 61.9 30.9 92.7

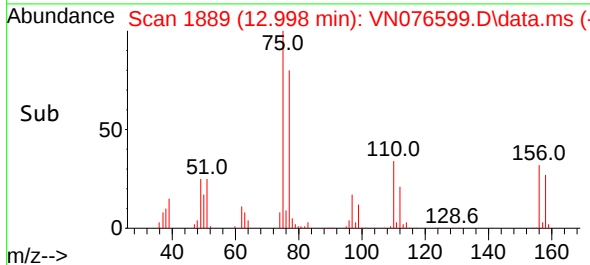
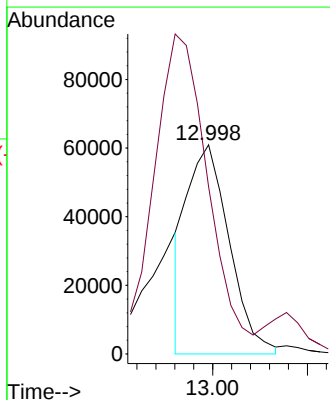
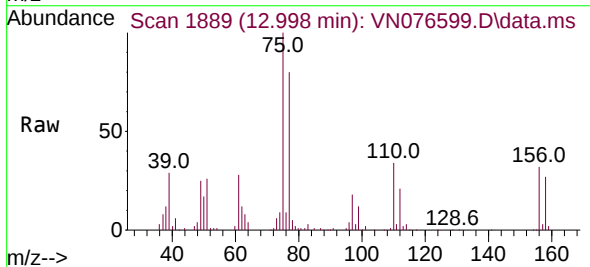
Manual Integrations
APPROVED

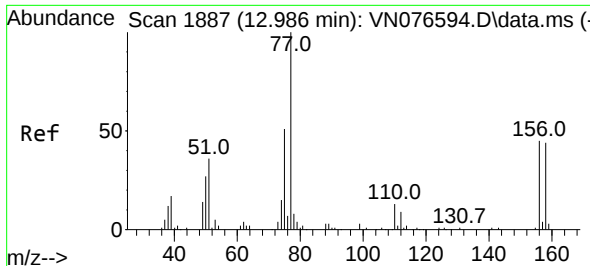
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#72
1,2,3-Trichloropropane
Concen: 16.209 ug/l m
RT: 12.998 min Scan# 1889
Delta R.T. 0.004 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

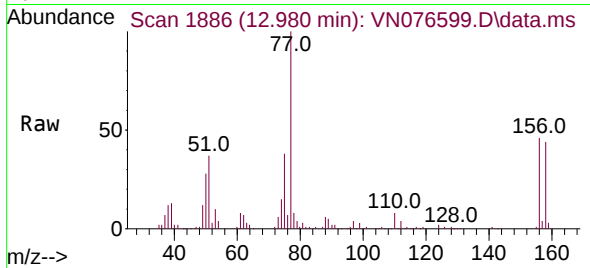
Tgt Ion: 75 Resp: 94557
Ion Ratio Lower Upper
75 100
77 196.6 0.0 372.4





#73
Bromobenzene
Concen: 17.488 ug/l
RT: 12.980 min Scan# 1886
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

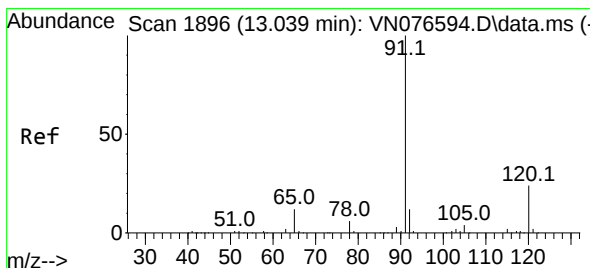
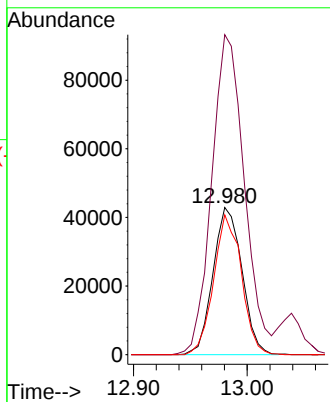
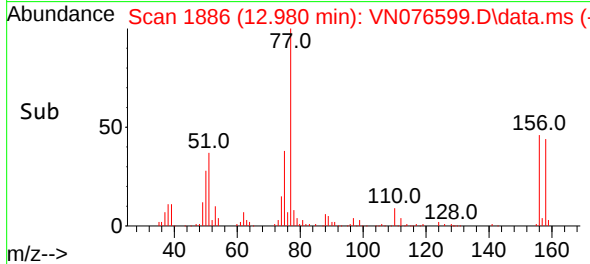
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



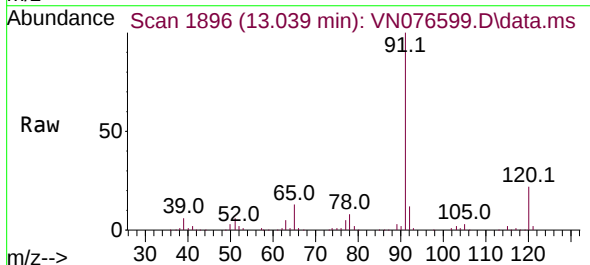
Tgt Ion:156 Resp: 76023
Ion Ratio Lower Upper
156 100
77 244.5 0.0 491.8
158 91.0 0.0 185.0

Manual Integrations
APPROVED

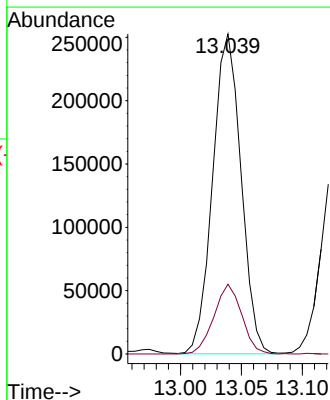
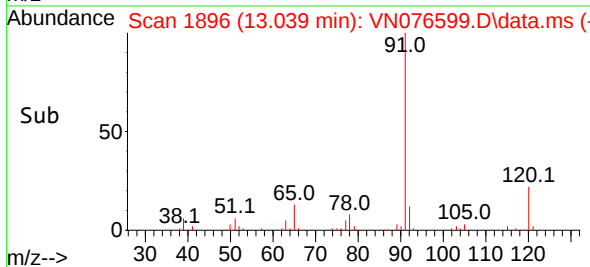
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

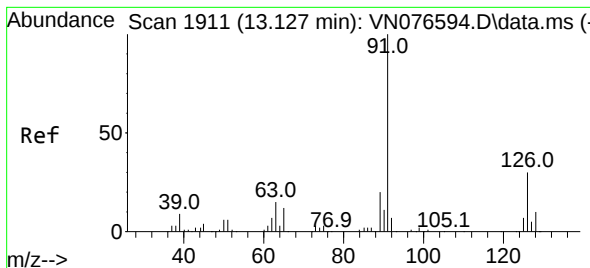


#74
n-propylbenzene
Concen: 17.408 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50



Tgt Ion: 91 Resp: 409023
Ion Ratio Lower Upper
91 100
120 21.3 0.0 44.6





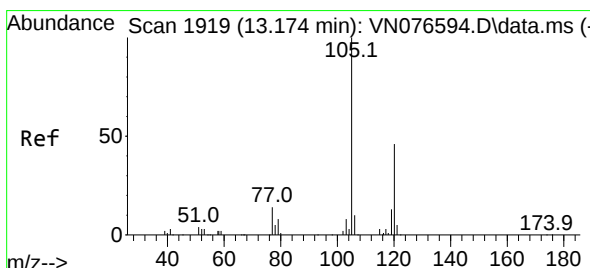
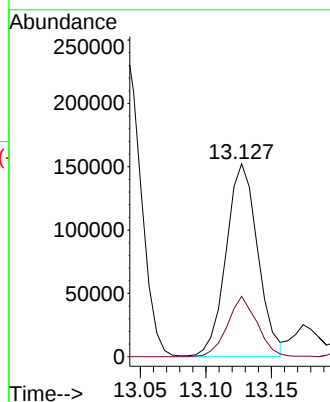
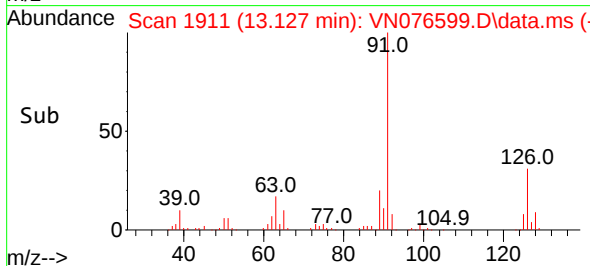
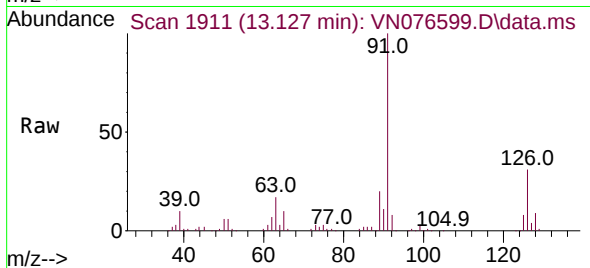
#75
2-Chlorotoluene
Concen: 17.346 ug/l
RT: 13.127 min Scan# 1911
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923

Tgt Ion: 91 Resp: 256370
Ion Ratio Lower Upper
91 100
126 29.2 0.0 66.2

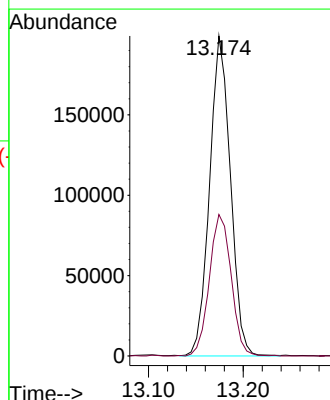
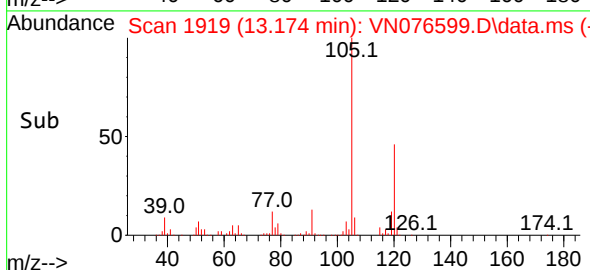
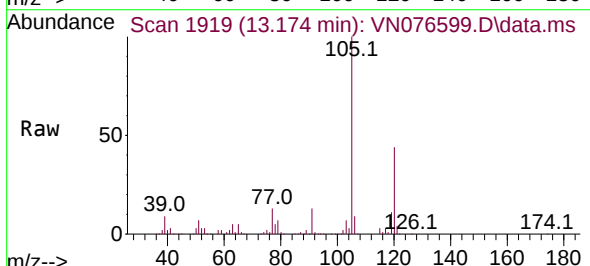
Manual Integrations
APPROVED

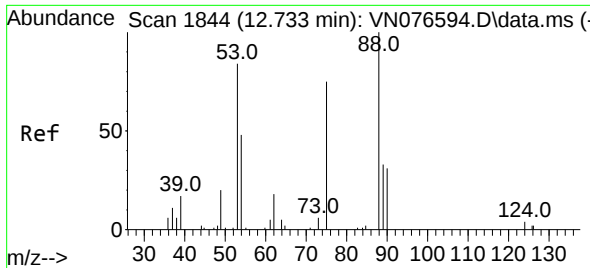
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#76
1,3,5-Trimethylbenzene
Concen: 17.802 ug/l
RT: 13.174 min Scan# 1919
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

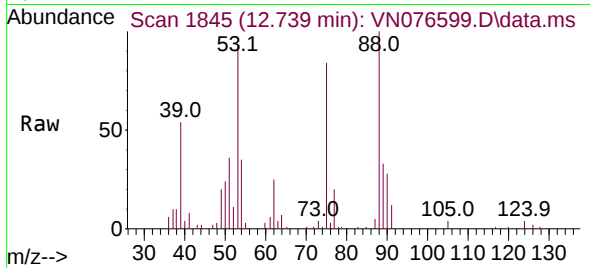
Tgt Ion:105 Resp: 304537
Ion Ratio Lower Upper
105 100
120 46.2 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 18.491 ug/l
RT: 12.739 min Scan# 1844
Delta R.T. 0.004 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

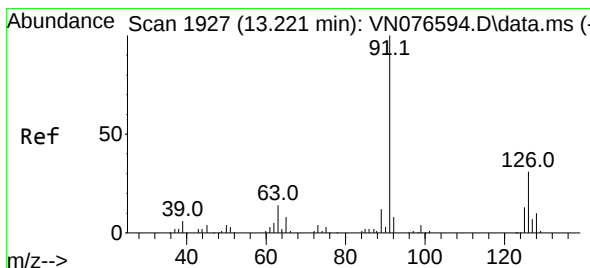
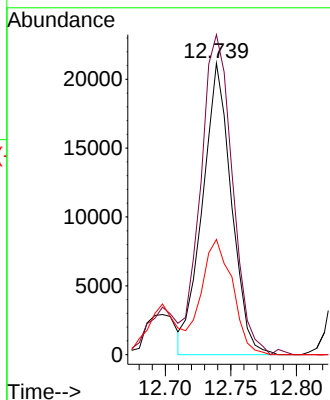
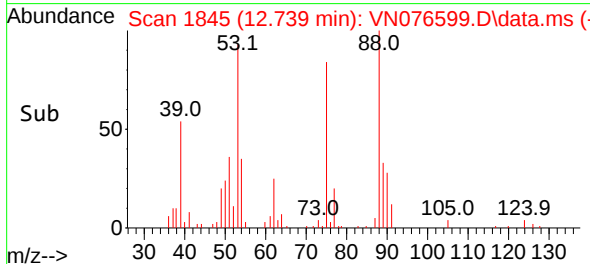
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



Tgt Ion: 75 Resp: 32530
Ion Ratio Lower Upper
75 100
53 108.0 43.3 129.9
89 39.5 21.1 63.1

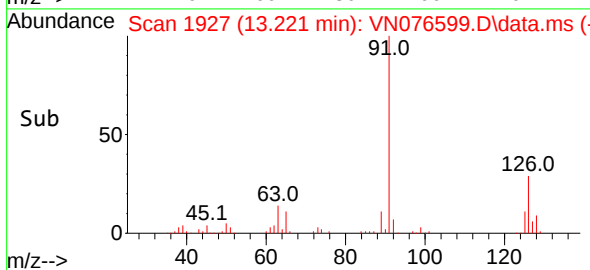
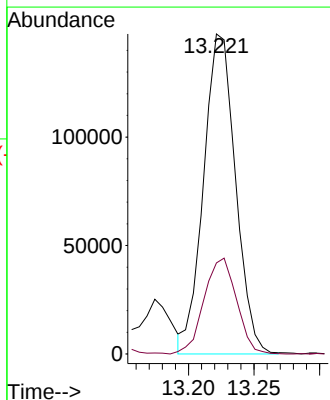
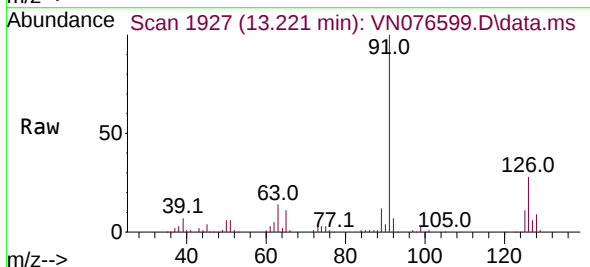
Manual Integrations
APPROVED

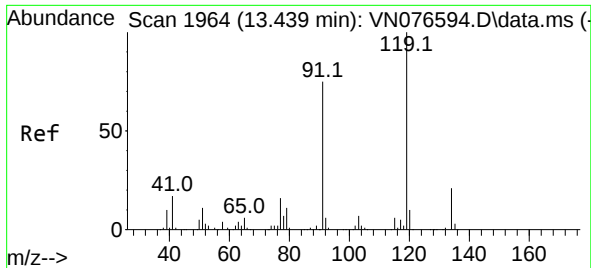
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#78
4-Chlorotoluene
Concen: 16.861 ug/l
RT: 13.221 min Scan# 1927
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

Tgt Ion: 91 Resp: 250570
Ion Ratio Lower Upper
91 100
126 30.4 0.0 67.8





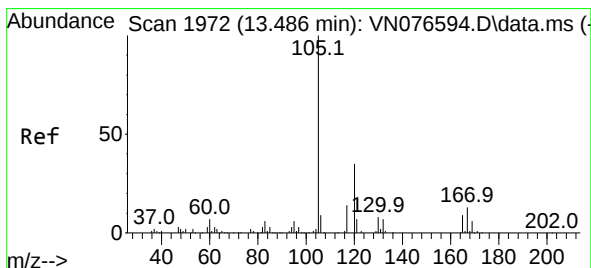
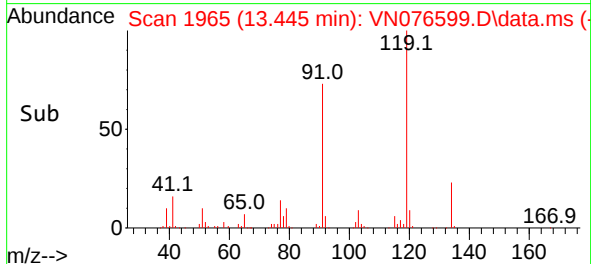
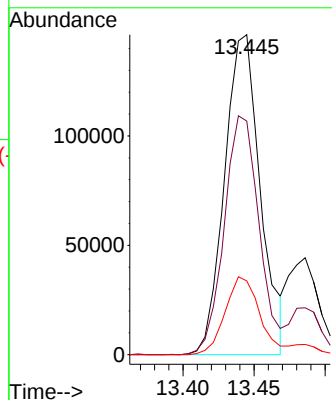
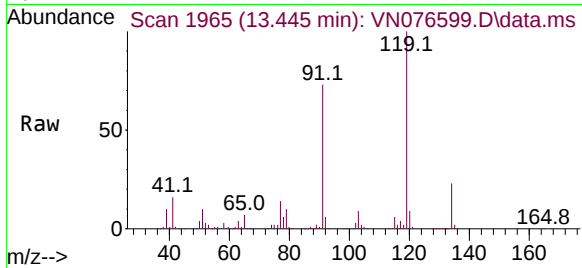
#79
tert-butylbenzene
Concen: 17.710 ug/l
RT: 13.445 min Scan# 1964
Delta R.T. 0.004 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923

Tgt Ion:119 Resp: 257160
Ion Ratio Lower Upper
119 100
91 72.7 0.0 129.0
134 23.7 0.0 52.2

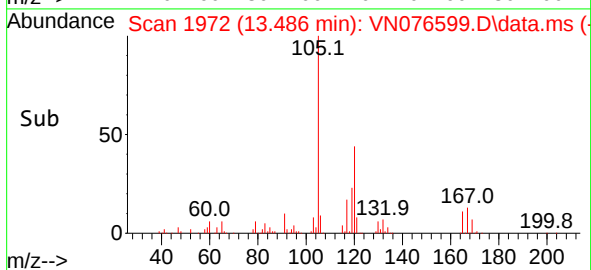
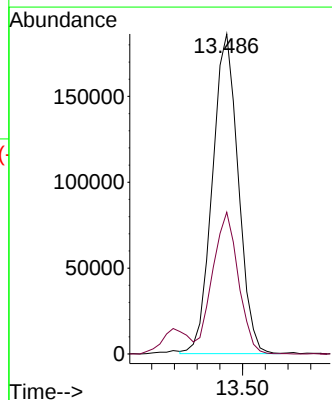
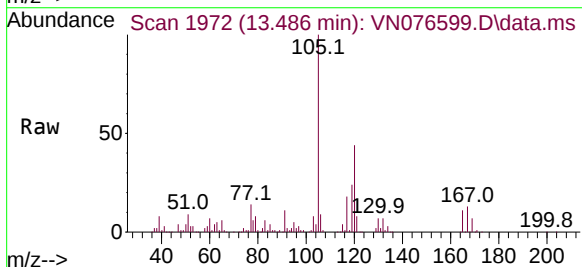
Manual Integrations
APPROVED

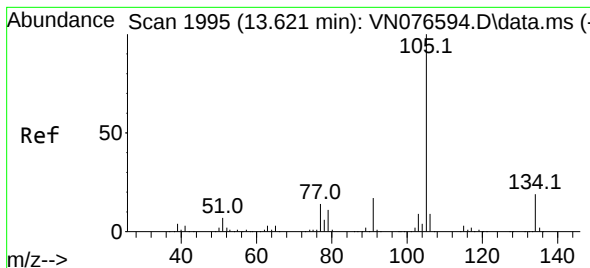
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#80
1,2,4-Trimethylbenzene
Concen: 17.440 ug/l
RT: 13.486 min Scan# 1972
Delta R.T. 0.004 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

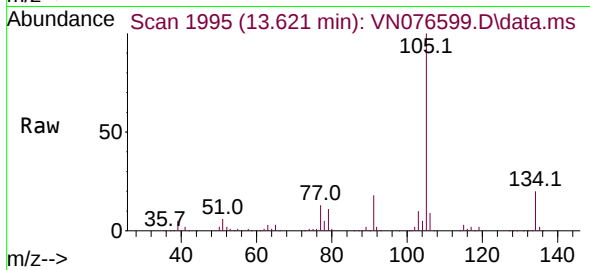
Tgt Ion:105 Resp: 294222
Ion Ratio Lower Upper
105 100
120 44.3 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 17.334 ug/l
 RT: 13.621 min Scan# 1995
 Delta R.T. 0.003 min
 Lab File: VN076599.D
 Acq: 09 Feb 2023 19:50

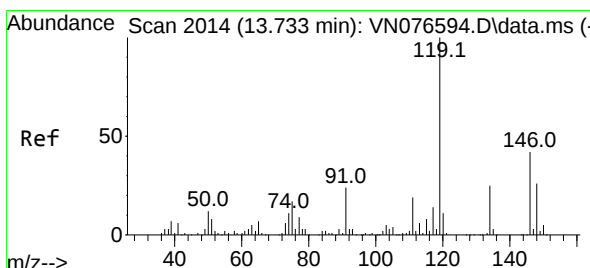
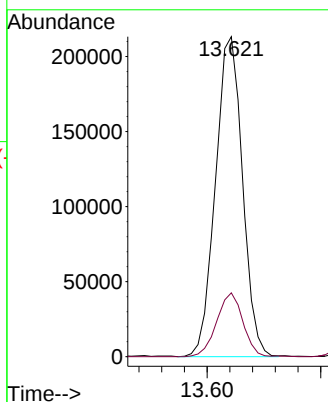
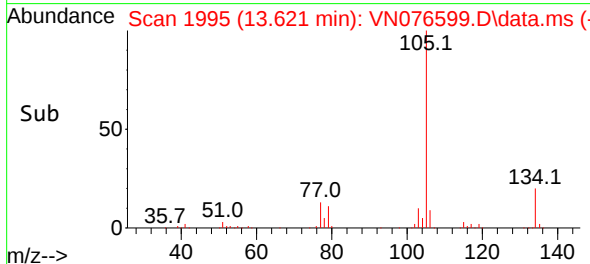
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN020923



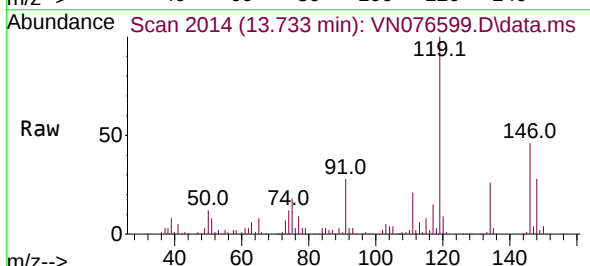
Tgt Ion:105 Resp: 35243
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.8

Manual Integrations
 APPROVED

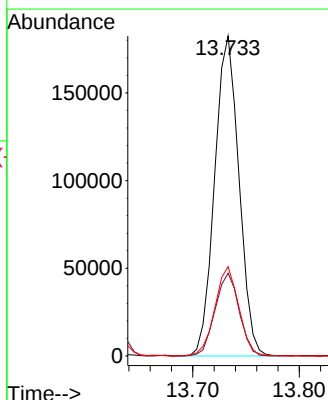
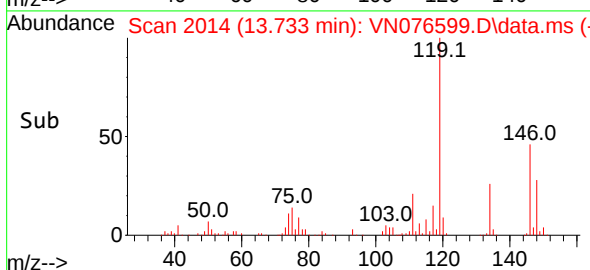
Reviewed By :John Carlone 02/10/2023
 Supervised By :Semsettin Yesilyurt 02/10/2023

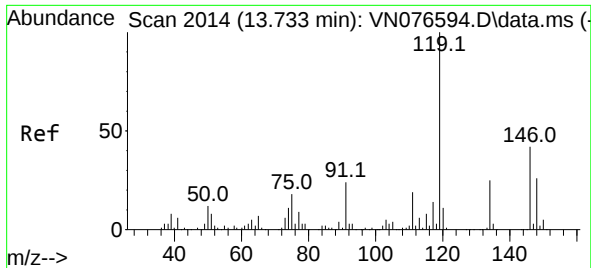


#82
 p-Isopropyltoluene
 Concen: 17.682 ug/l
 RT: 13.733 min Scan# 2014
 Delta R.T. 0.004 min
 Lab File: VN076599.D
 Acq: 09 Feb 2023 19:50



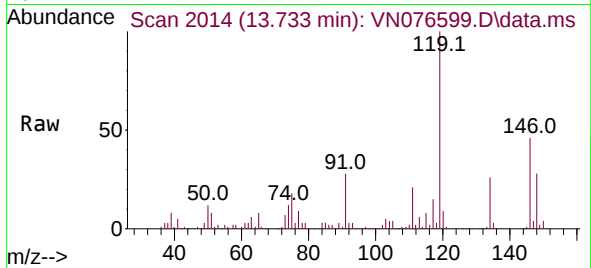
Tgt Ion:119 Resp: 288873
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 51.4
 91 27.3 0.0 46.8





#83
1,3-Dichlorobenzene
Concen: 17.121 ug/l
RT: 13.733 min Scan# 2014
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

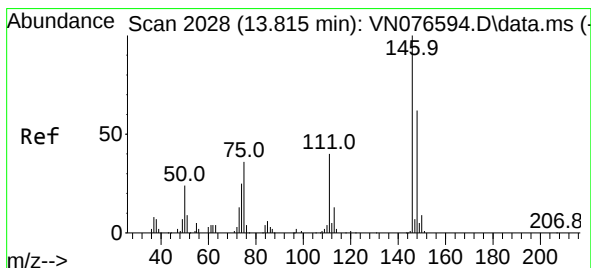
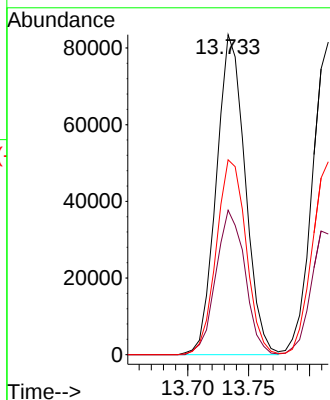
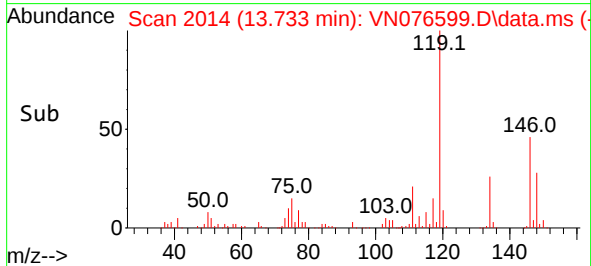
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



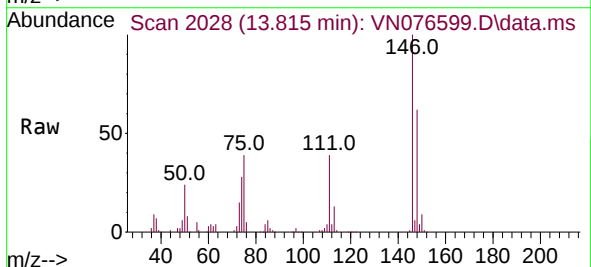
Tgt Ion:146 Resp: 137660
Ion Ratio Lower Upper
146 100
111 45.5 20.5 61.5
148 62.9 31.0 93.0

Manual Integrations
APPROVED

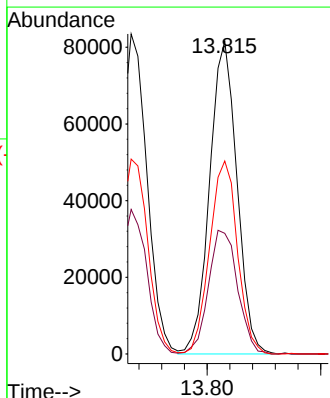
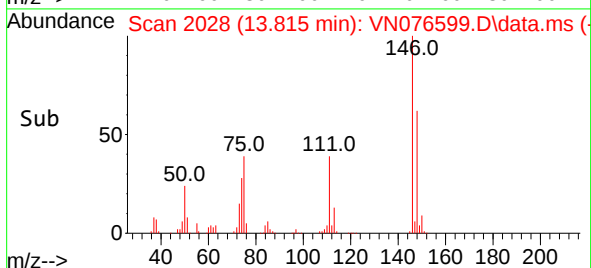
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

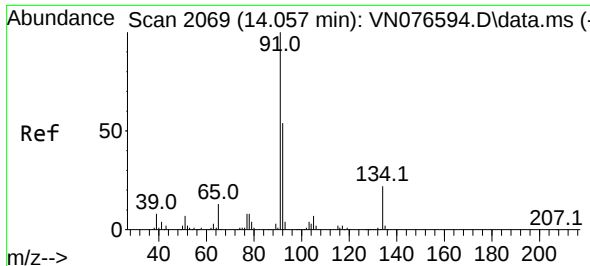


#84
1,4-Dichlorobenzene
Concen: 17.007 ug/l
RT: 13.815 min Scan# 2028
Delta R.T. 0.003 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50



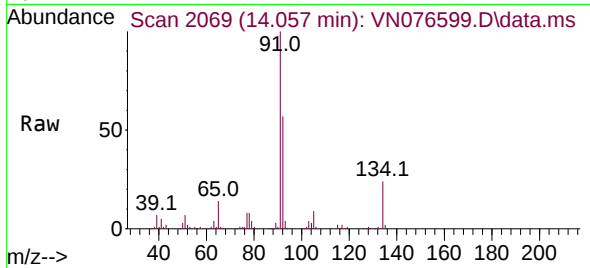
Tgt Ion:146 Resp: 136423
Ion Ratio Lower Upper
146 100
111 42.1 19.1 57.5
148 62.7 31.7 95.1





#85
n-Butylbenzene
Concen: 16.385 ug/l
RT: 14.057 min Scan# 2069
Delta R.T. -0.002 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

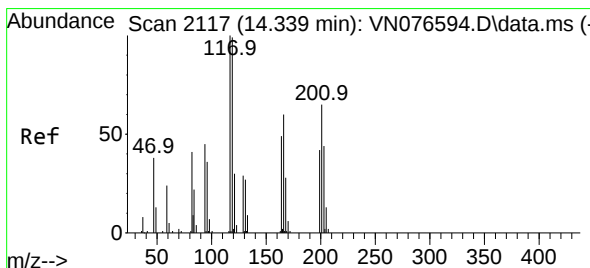
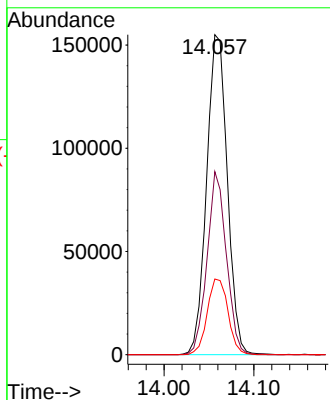
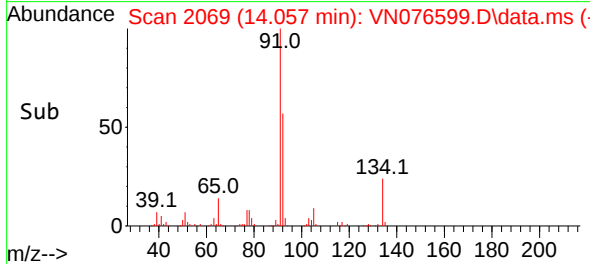
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



Tgt Ion: 91 Resp: 248574
Ion Ratio Lower Upper
91 100
92 53.3 0.0 105.4
134 23.7 0.0 46.4

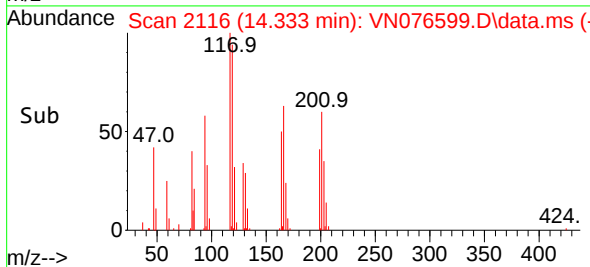
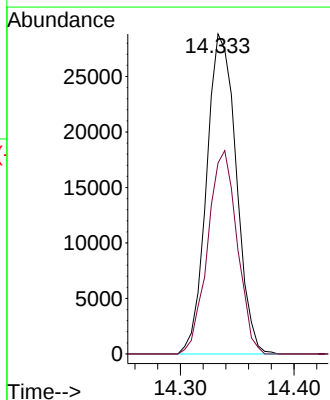
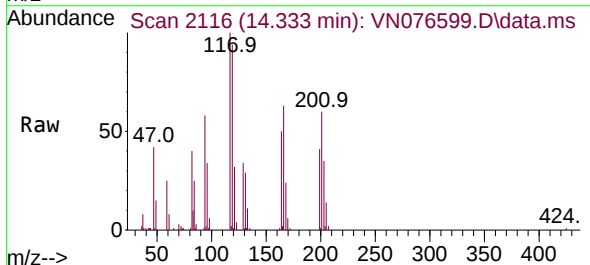
Manual Integrations
APPROVED

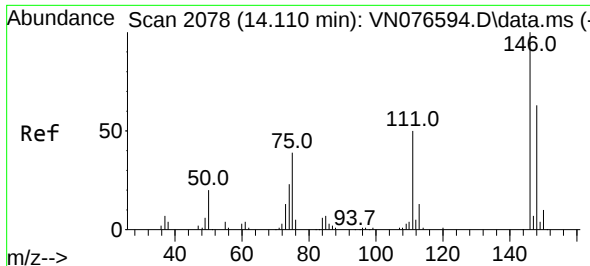
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#86
Hexachloroethane
Concen: 16.510 ug/l
RT: 14.333 min Scan# 2116
Delta R.T. 0.004 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

Tgt Ion:117 Resp: 52373
Ion Ratio Lower Upper
117 100
201 63.0 29.4 88.3





#87

1,2-Dichlorobenzene

Concen: 16.019 ug/l

RT: 14.110 min Scan# 2078

Delta R.T. 0.004 min

Lab File: VN076599.D

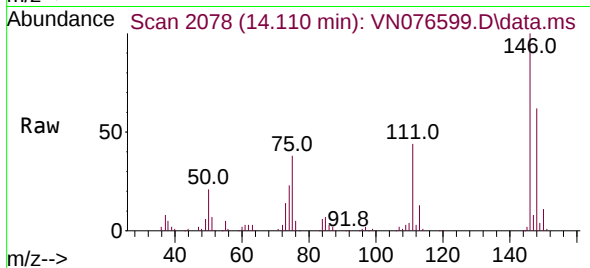
Acq: 09 Feb 2023 19:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020923



Tgt Ion:146 Resp: 141380

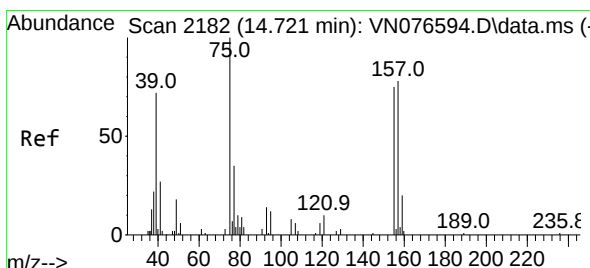
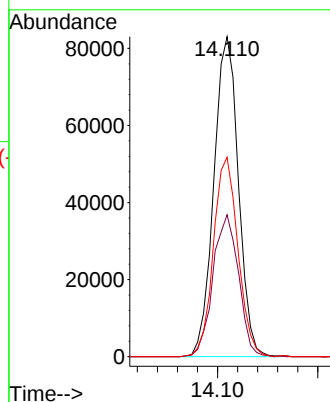
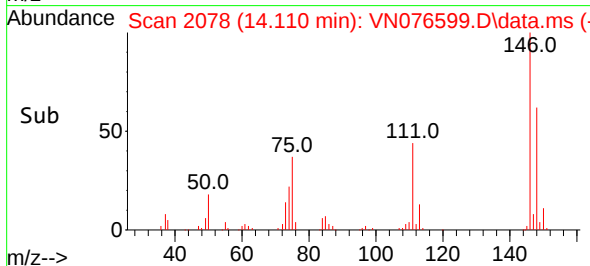
Ion	Ratio	Lower	Upper
146	100		
111	46.1	21.4	64.2
148	62.2	30.6	92.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.456 ug/l

RT: 14.727 min Scan# 2183

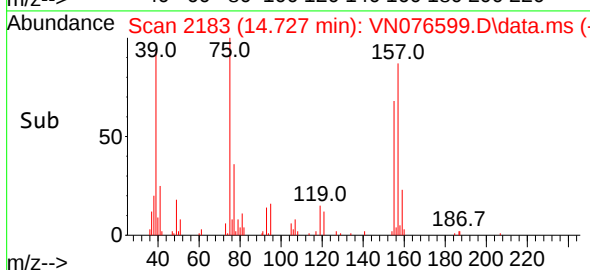
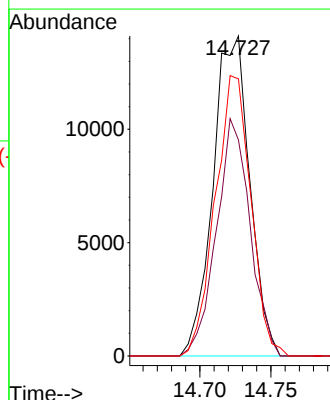
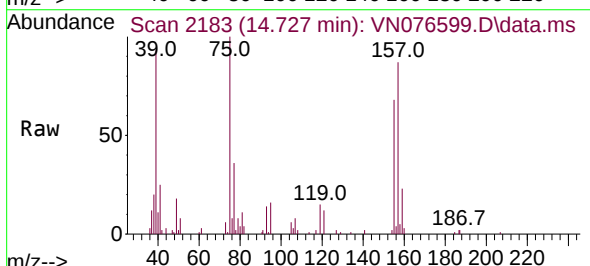
Delta R.T. 0.010 min

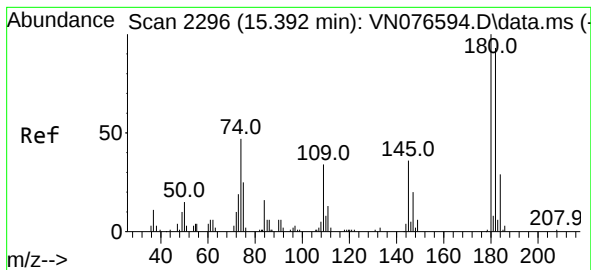
Lab File: VN076599.D

Acq: 09 Feb 2023 19:50

Tgt Ion: 75 Resp: 25329

Ion	Ratio	Lower	Upper
75	100		
155	68.1	66.3	99.5
157	85.0	84.3	126.5





#89

1,2,4-Trichlorobenzene

Concen: 19.602 ug/l

RT: 15.392 min Scan# 2296

Delta R.T. -0.002 min

Lab File: VN076599.D

Acq: 09 Feb 2023 19:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020923

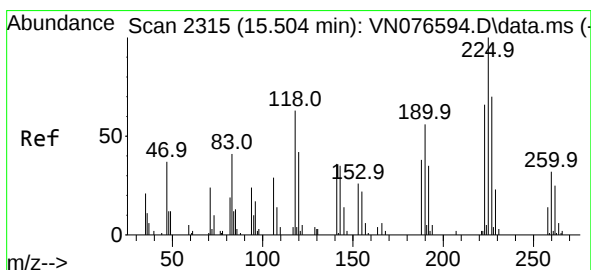
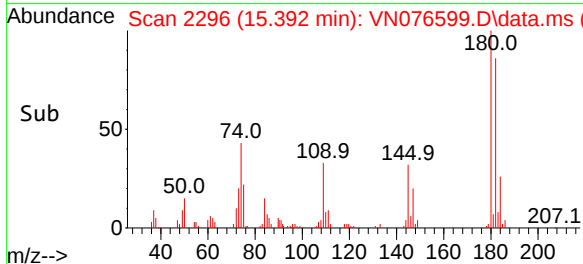
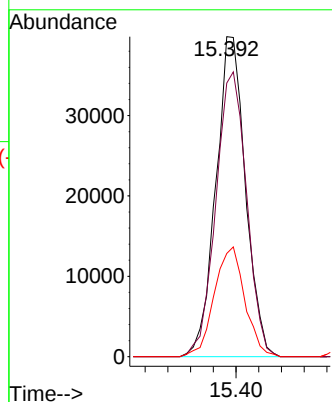
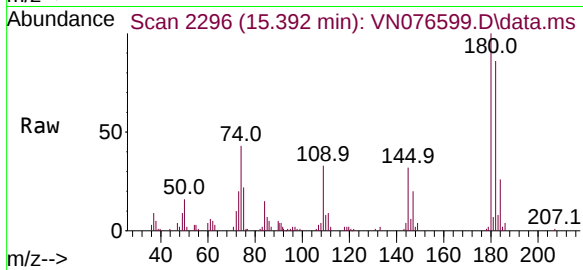
Tgt Ion:180	Resp:	72154
Ion Ratio	Lower	Upper
180	100	
182	92.4	74.9 112.3
145	35.3	26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#90

Hexachlorobutadiene

Concen: 19.920 ug/l

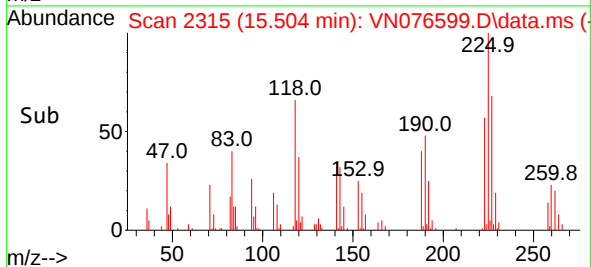
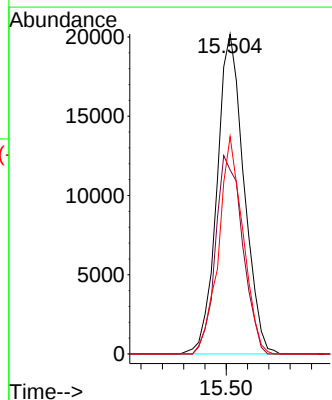
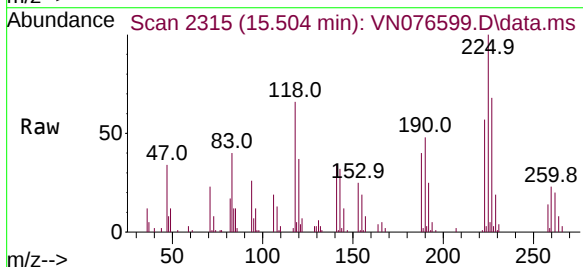
RT: 15.504 min Scan# 2315

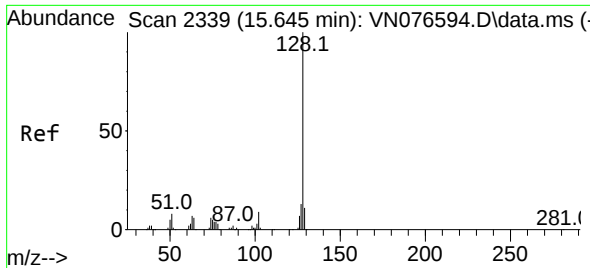
Delta R.T. 0.004 min

Lab File: VN076599.D

Acq: 09 Feb 2023 19:50

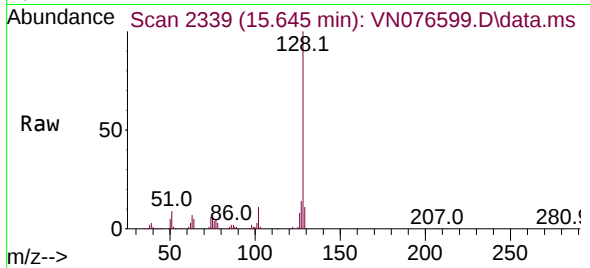
Tgt Ion:225	Resp:	35423
Ion Ratio	Lower	Upper
225	100	
223	62.1	0.0 125.0
227	61.5	0.0 123.0





#91
Naphthalene
Concen: 19.830 ug/l
RT: 15.645 min Scan# 2339
Delta R.T. 0.004 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50

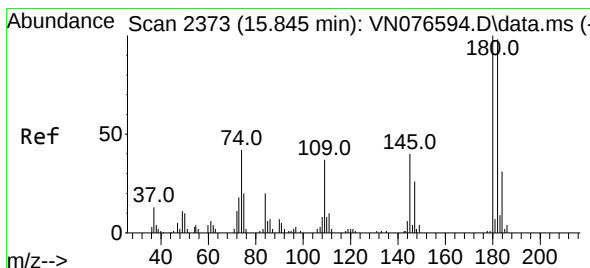
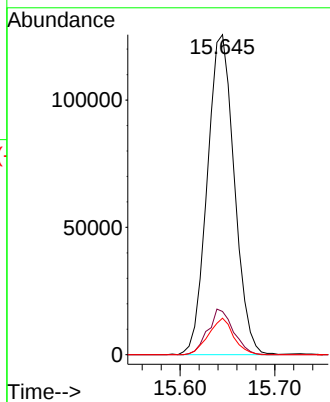
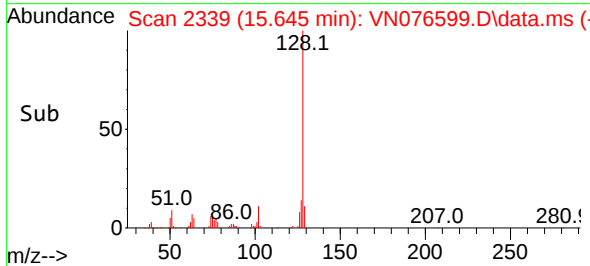
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923



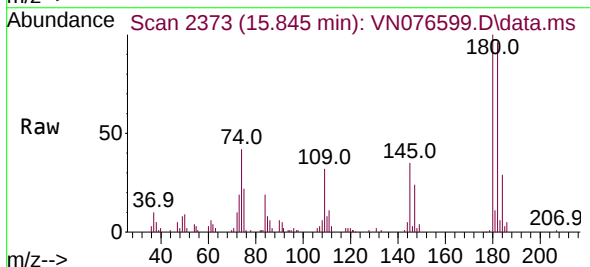
Tgt Ion:128 Resp: 249048
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.5 8.9 13.3

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 19.870 ug/l
RT: 15.845 min Scan# 2373
Delta R.T. 0.004 min
Lab File: VN076599.D
Acq: 09 Feb 2023 19:50



Tgt Ion:180 Resp: 73002
Ion Ratio Lower Upper
180 100
182 96.4 0.0 185.4
145 34.4 0.0 68.6

