

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077274.D
 Acq On : 07 Apr 2023 12:41
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 07 13:01:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 12:52:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/10/2023
 Supervised By : Semsettin Yesilyurt 04/10/2023

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

Internal Standards						
1) Bromochloromethane	7.819	128	52363	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	406957	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	433612	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	137117	31.303	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.333%			
60) 4-Bromofluorobenzene	12.848	95	207556	27.605	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.000%			
63) Toluene-d8	10.566	98	462144	30.431	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.433%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	25967	5.160	ug/l	98
3) Chloromethane	2.372	50	37909	5.718	ug/l	98
4) Vinyl Chloride	2.525	62	52961	5.624	ug/l	96
5) Bromomethane	2.949	94	47265	7.029	ug/l	88
6) Chloroethane	3.125	64	33821	5.047	ug/l	94
7) Trichlorofluoromethane	3.502	101	51261	5.899	ug/l	93
8) Diethyl Ether	3.972	74	20617	5.532	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.366	101	29000	5.185	ug/l	71
10) 1,1-Dichloroethene	4.348	96	31101	5.637	ug/l #	72
11) Methyl Iodide	4.601	142	29705	4.715	ug/l	94
12) Methyl Acetate	5.037	43	43907	5.485	ug/l	97
13) Acrolein	4.190	56	32013	31.917	ug/l	97
14) Acrylonitrile	5.731	53	73076	26.281	ug/l	62
15) Acetone	4.443	58	25962m	25.362	ug/l	
16) Carbon Disulfide	4.719	76	83350	5.719	ug/l #	91
17) Allyl chloride	5.031	41	37158	5.249	ug/l	83
18) Methylene Chloride	5.278	84	35704	5.547	ug/l #	76
19) trans-1,2-Dichloroethene	5.795	96	31943	5.274	ug/l #	80
20) Diisopropyl ether	6.684	45	90753	5.397	ug/l #	92
21) 1,1-Dichloroethane	6.566	63	56673m	5.250	ug/l	
22) cis-1,2-Dichloroethene	7.489	96	39394	5.384	ug/l	86
23) tert-Butyl Alcohol	5.531	59	33473m	26.921	ug/l	
24) Methyl tert-Butyl Ether	5.807	73	103763	5.218	ug/l #	69
25) Chloroform	7.966	83	62689	5.428	ug/l	89
26) Cyclohexane	8.260	56	50372	5.412	ug/l #	78
29) 1,1-Dichloropropene	8.372	75	44281	4.969	ug/l	95
30) 2-Butanone	7.489	43	107693	25.763	ug/l #	88
31) 2,2-Dichloropropane	7.495	77	56251	5.129	ug/l #	87
32) 1,1,1-Trichloroethane	8.172	97	55275	5.042	ug/l	95
33) Carbon Tetrachloride	8.360	117	47217m	5.030	ug/l	
34) Benzene	8.607	78	139667	5.064	ug/l #	92
35) Methacrylonitrile	7.784	41	21071	5.346	ug/l	93
36) 1,2-Dichloroethane	8.678	62	43940	5.093	ug/l	95
37) Trichloroethene	9.360	130	34776	5.106	ug/l	83
38) Methylcyclohexane	9.607	83	61130	5.027	ug/l	91
39) 1,2-Dichloropropane	9.625	63	34867	5.109	ug/l	96
40) Dibromomethane	9.713	93	25027	5.039	ug/l	96
41) Bromodichloromethane	9.895	83	49835	5.023	ug/l	94
42) Vinyl Acetate	6.613	43	305544m	25.171	ug/l	

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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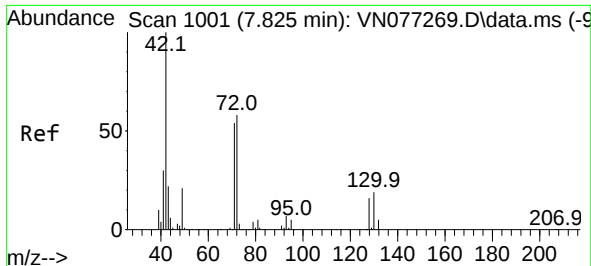
Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/10/2023
 Supervised By : Semsettin Yesilyurt 04/10/2023

Quant Time: Apr 07 13:01:29 2023
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 12:52:43 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	7.572	43	39722	5.127	ug/l	#	79
44) Isopropyl Acetate	8.695	43	69211	4.933	ug/l	#	87
45) 1,4-Dioxane	9.695	88	14969	103.277	ug/l	#	78
46) Methyl methacrylate	9.683	41	30722	5.110	ug/l		86
47) n-amyl Acetate	12.495	43	56994	4.684	ug/l		96
48) t-1,3-Dichloropropene	10.836	75	53703	4.865	ug/l		99
49) cis-1,3-Dichloropropene	10.313	75	57559	4.900	ug/l		90
50) 1,1,2-Trichloroethane	11.019	97	36862	5.177	ug/l		91
51) Ethyl methacrylate	10.877	69	51939	4.680	ug/l		84
52) 1,3-Dichloropropane	11.166	76	59620	4.981	ug/l		99
53) Dibromochloromethane	11.366	129	37575	5.021	ug/l		99
54) 1,2-Dibromoethane	11.472	107	34726	4.817	ug/l		98
55) 2-Chloroethyl vinyl ether	10.166	63	84102	25.597	ug/l		96
56) Bromoform	12.583	173	24932	4.905	ug/l	#	99
58) 4-Methyl-2-Pentanone	10.448	43	207351	25.450	ug/l	#	83
59) 2-Hexanone	11.201	43	161661	25.710	ug/l	#	86
61) Tetrachloroethene	11.113	164	27991	5.336	ug/l		91
62) Toluene	10.636	91	156523	5.098	ug/l		96
64) Chlorobenzene	11.895	112	94383	5.071	ug/l	#	87
65) 1,1,1,2-Tetrachloroethane	11.960	131	33323	4.793	ug/l		94
66) Ethyl Benzene	11.966	91	165251	4.842	ug/l		99
67) m/p-Xylenes	12.072	106	130153	9.817	ug/l		98
68) o-Xylene	12.401	106	65502	4.943	ug/l		97
69) Styrene	12.413	104	102774	4.825	ug/l		98
70) Isopropylbenzene	12.701	105	164588	4.885	ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.936	83	51388	4.983	ug/l		98
72) 1,2,3-Trichloropropane	12.995	75	35334m	4.832	ug/l		
73) Bromobenzene	12.983	156	32656	4.728	ug/l		87
74) n-propylbenzene	13.036	91	171020	4.569	ug/l		98
75) 2-Chlorotoluene	13.124	91	105334	4.719	ug/l		99
76) 1,3,5-Trimethylbenzene	13.177	105	125504	4.560	ug/l		93
77) t-1,4-Dichloro-2-butene	12.736	75	16612	4.586	ug/l		83
78) 4-Chlorotoluene	13.224	91	93995	4.442	ug/l		97
79) tert-butylbenzene	13.442	119	113993	4.760	ug/l		99
80) 1,2,4-Trimethylbenzene	13.489	105	117577	4.392	ug/l		96
81) sec-Butylbenzene	13.618	105	152718	4.455	ug/l		99
82) p-Isopropyltoluene	13.730	119	119105	4.335	ug/l		98
83) 1,3-Dichlorobenzene	13.736	146	60597	4.690	ug/l		99
84) 1,4-Dichlorobenzene	13.813	146	58067	4.641	ug/l		96
85) n-Butylbenzene	14.060	91	92516	4.042	ug/l		98
86) Hexachloroethane	14.336	117	28195	4.834	ug/l		86
87) 1,2-Dichlorobenzene	14.107	146	58136	4.597	ug/l		98
88) 1,2-Dibromo-3-Chloropr...	14.718	75	10160	5.381	ug/l		99
89) 1,2,4-Trichlorobenzene	15.365	180	18901	3.917	ug/l		95
90) Hexachlorobutadiene	15.465	225	10999	4.159	ug/l		90
91) Naphthalene	15.589	128	71059	3.917	ug/l		98
92) 1,2,3-Trichlorobenzene	15.754	180	19773	4.233	ug/l		87

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



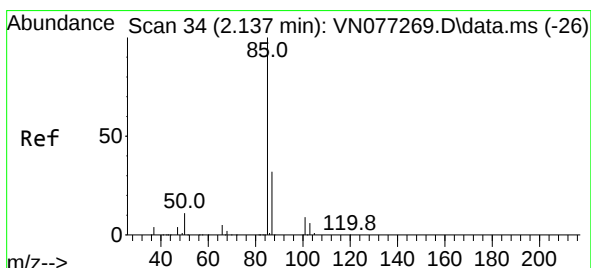
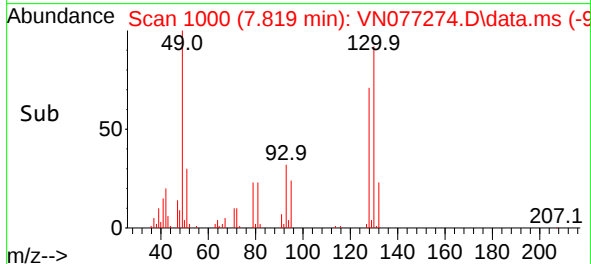
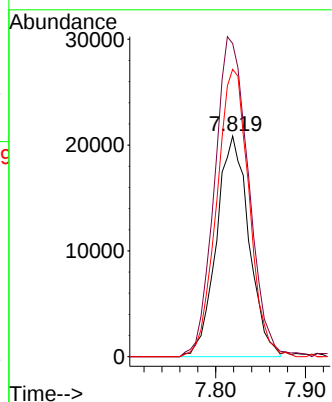
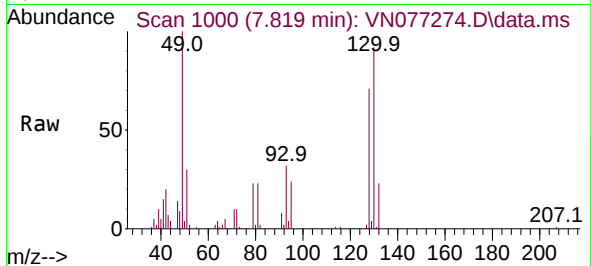
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077274.D
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MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 5236
Ion Ratio Lower Upper
128 100
49 152.5 0.0 461.8
130 129.7 0.0 295.3

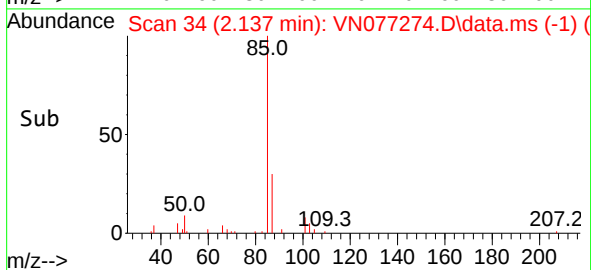
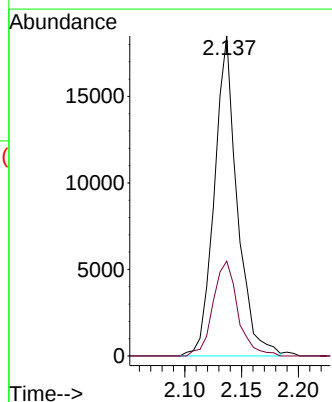
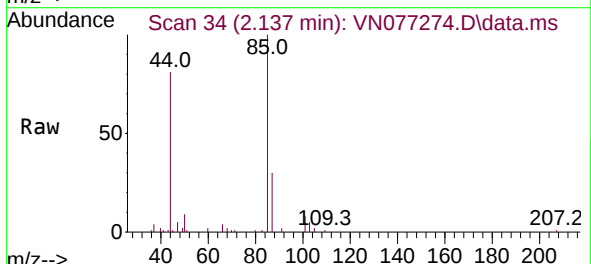
Manual Integrations
APPROVED

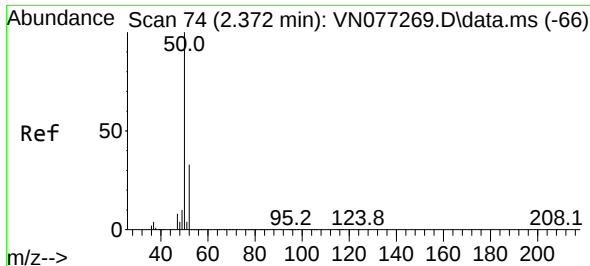
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#2
Dichlorodifluoromethane
Concen: 5.160 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

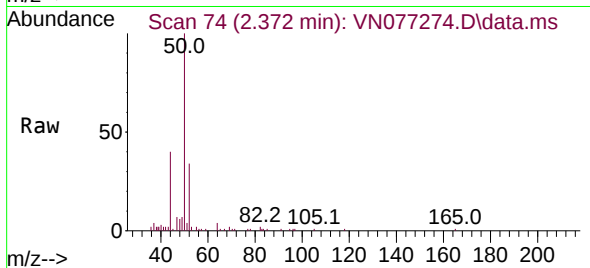
Tgt Ion: 85 Resp: 25967
Ion Ratio Lower Upper
85 100
87 29.7 15.4 46.1





#3
Chloromethane
Concen: 5.718 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

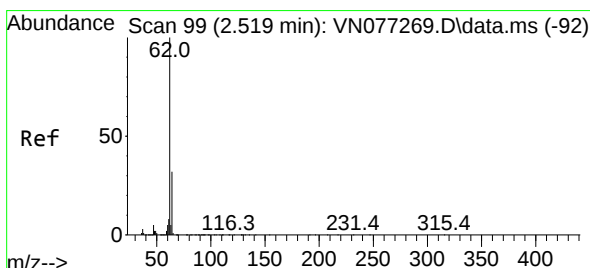
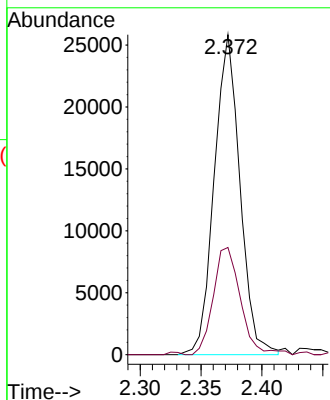
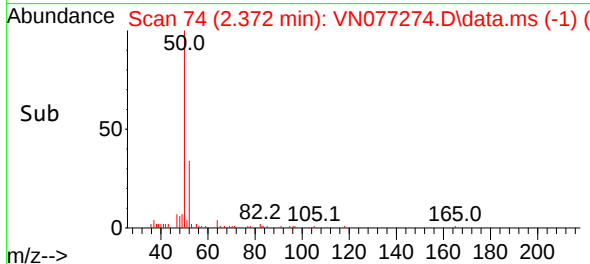
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



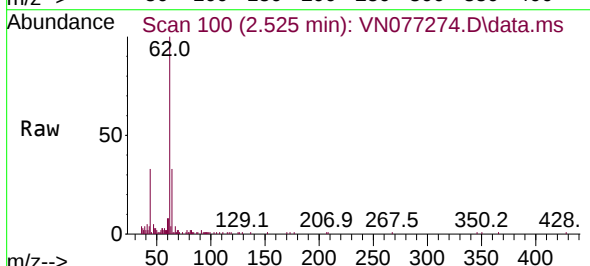
Tgt Ion: 50 Resp: 37909
Ion Ratio Lower Upper
50 100
52 32.8 25.3 37.9

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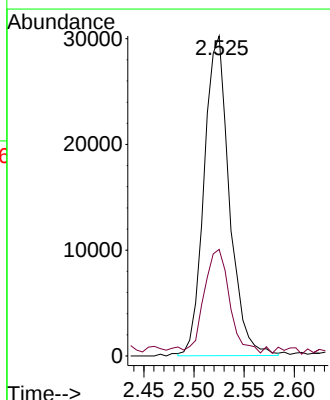
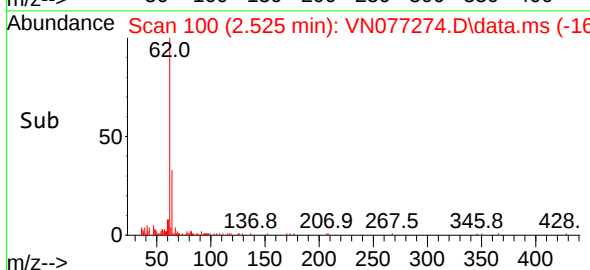
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

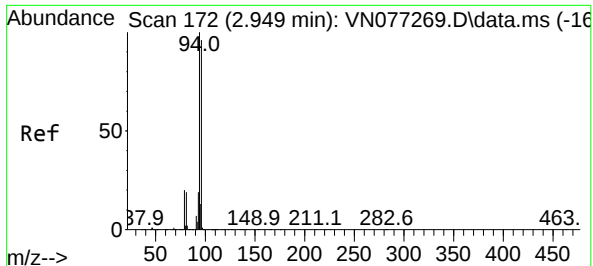


#4
Vinyl Chloride
Concen: 5.624 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.006 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41



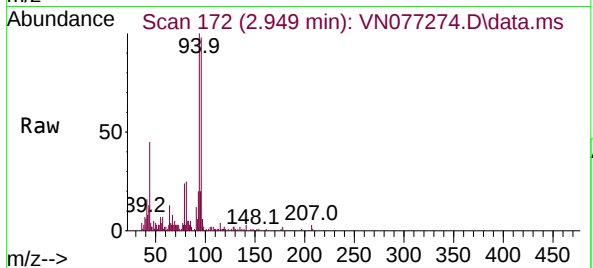
Tgt Ion: 62 Resp: 52961
Ion Ratio Lower Upper
62 100
64 30.8 23.1 34.7





#5
Bromomethane
Concen: 7.029 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

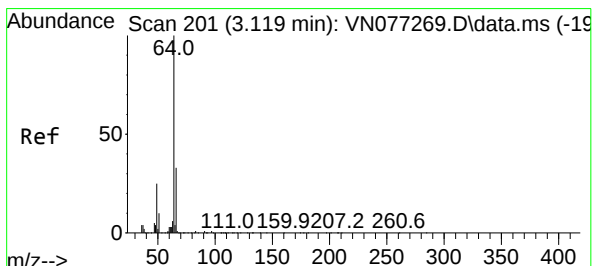
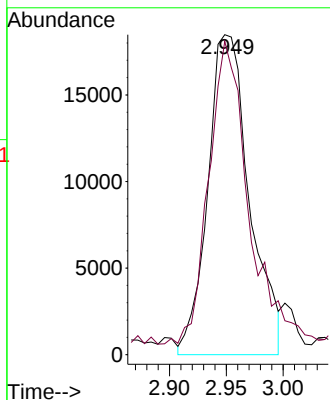
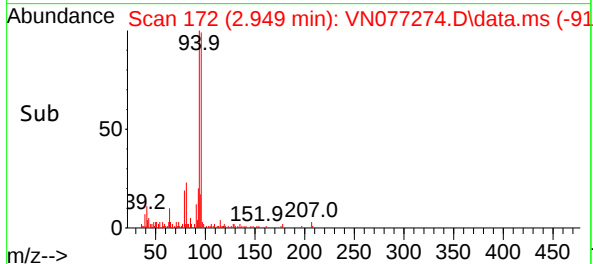
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



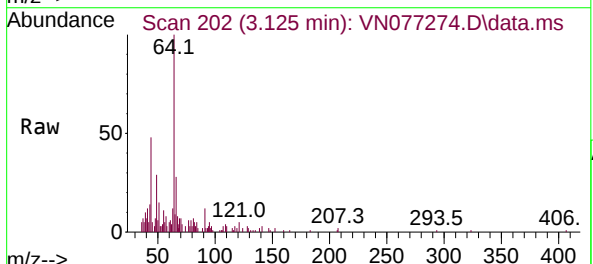
Tgt Ion: 94 Resp: 4726
Ion Ratio Lower Upper
94 100
96 96.8 68.6 103.0

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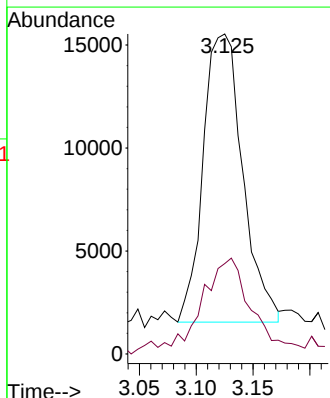
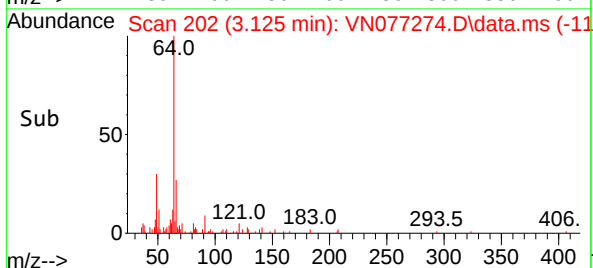
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

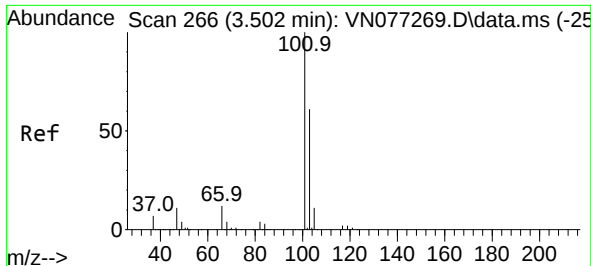


#6
Chloroethane
Concen: 5.047 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.012 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41



Tgt Ion: 64 Resp: 33821
Ion Ratio Lower Upper
64 100
66 26.6 23.8 35.6





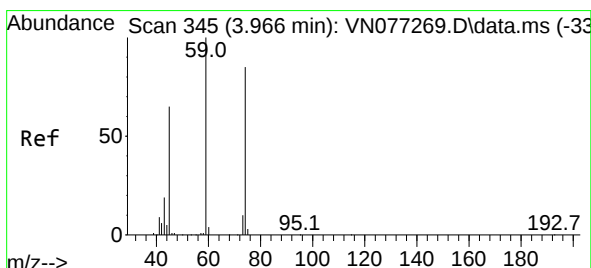
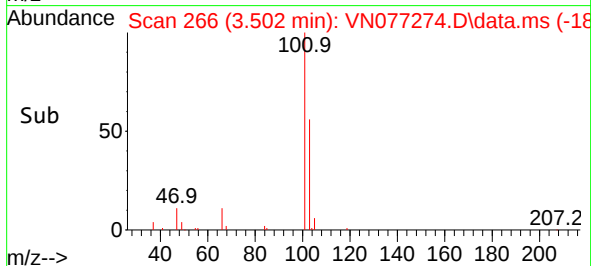
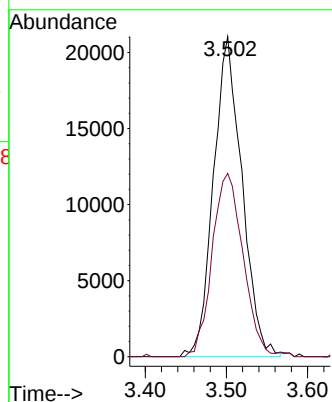
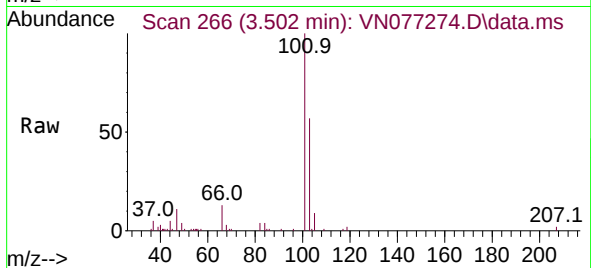
#7
 Trichlorofluoromethane
 Concen: 5.899 ug/l
 RT: 3.502 min Scan# 201
 Delta R.T. -0.011 min
 Lab File: VN077274.D
 Acq: 07 Apr 2023 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 5126
 Ion Ratio Lower Upper
 101 100
 103 57.2 50.2 75.2

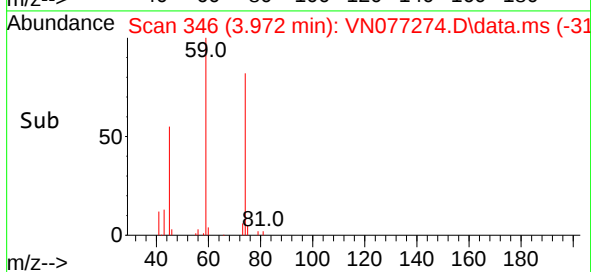
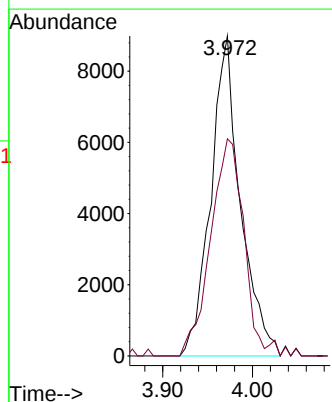
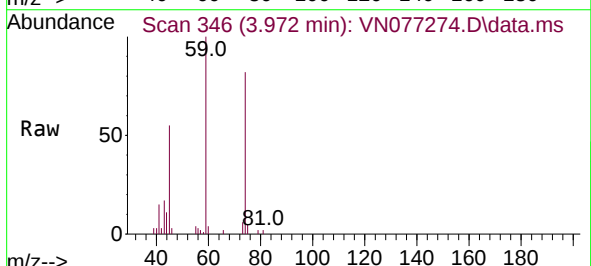
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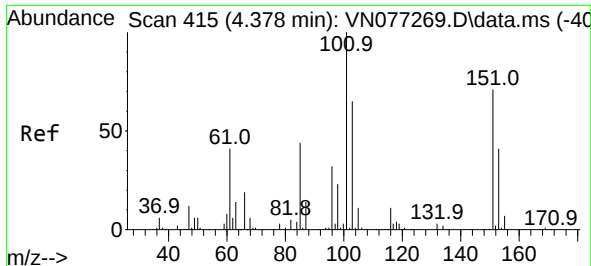
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023



#8
 Diethyl Ether
 Concen: 5.532 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN077274.D
 Acq: 07 Apr 2023 12:41

Tgt Ion: 74 Resp: 20617
 Ion Ratio Lower Upper
 74 100
 45 74.8 21.4 193.0





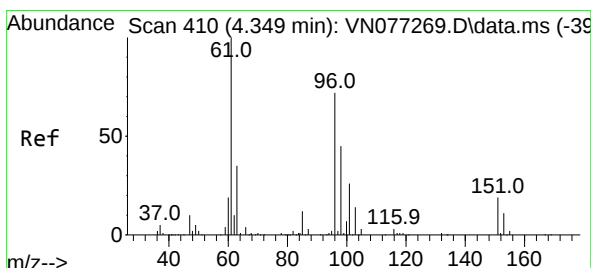
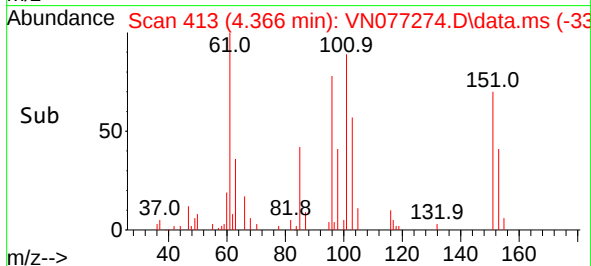
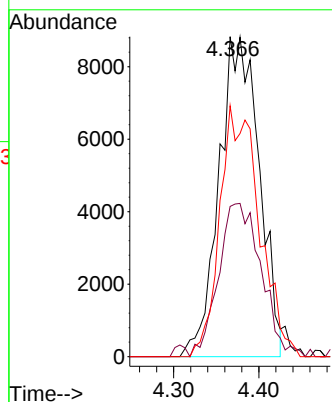
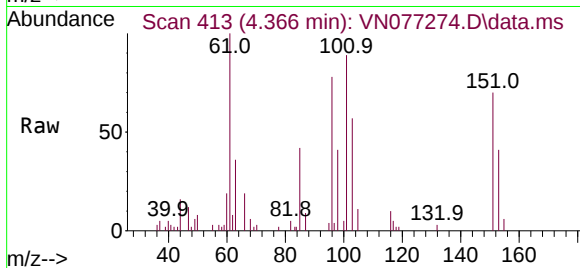
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1,1,2-Trichlorotrifluoroethane
Concen: 5.185 ug/l
RT: 4.366 min Scan# 415
Delta R.T. -0.024 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 101 Resp: 29000
Ion Ratio Lower Upper
101 100
85 49.8 0.0 95.2
151 33.4 0.0 142.2

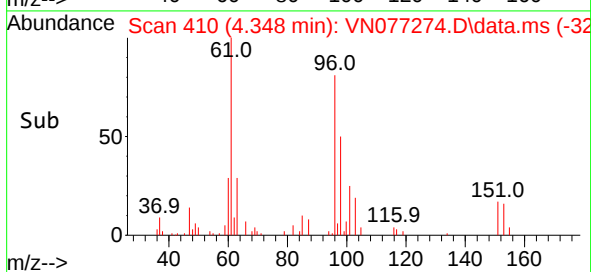
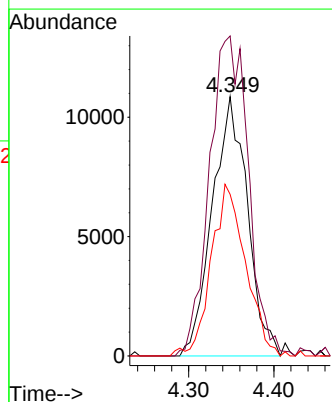
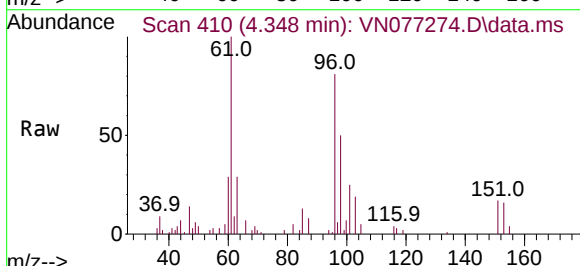
Manual Integrations
APPROVED

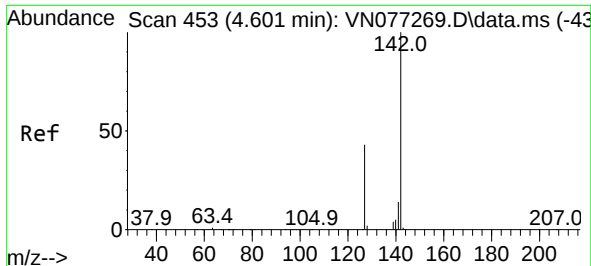
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#10
1,1-Dichloroethene
Concen: 5.637 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

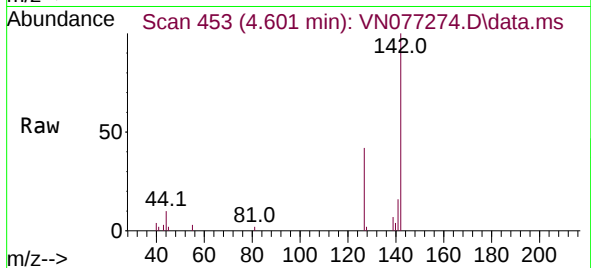
Tgt Ion: 96 Resp: 31101
Ion Ratio Lower Upper
96 100
61 121.4 137.1 205.7#
98 62.3 53.2 79.8





#11
Methyl Iodide
Concen: 4.715 ug/l
RT: 4.601 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

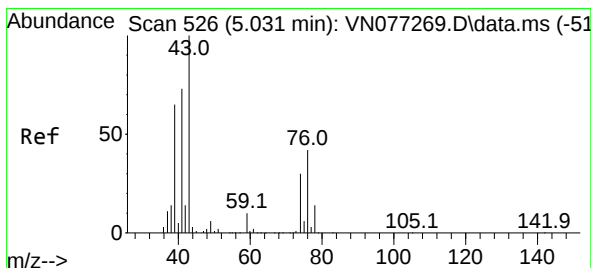
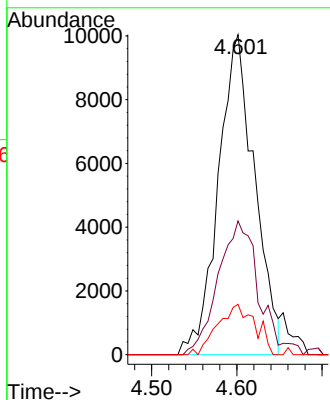
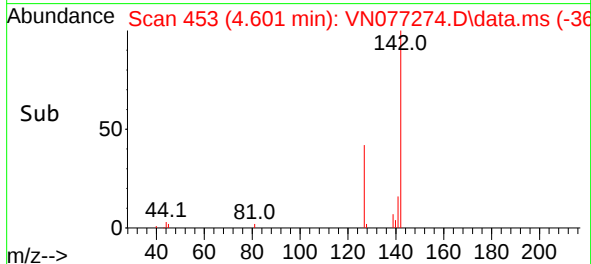
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:142 Resp: 2970
Ion Ratio Lower Upper
142 100
127 44.9 25.0 75.0
141 16.7 8.0 24.0

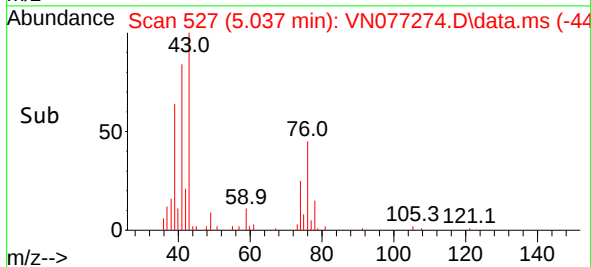
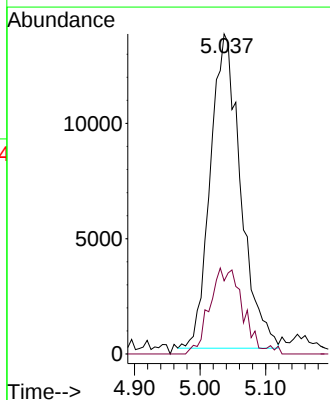
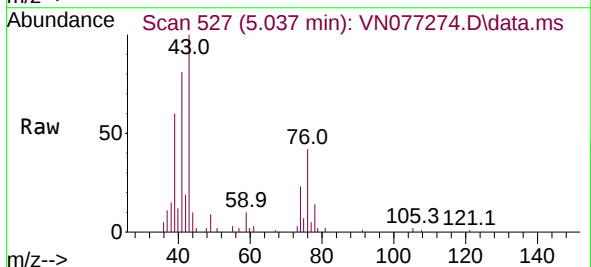
Manual Integrations
APPROVED

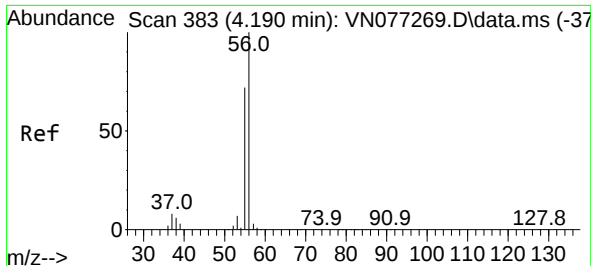
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#12
Methyl Acetate
Concen: 5.485 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

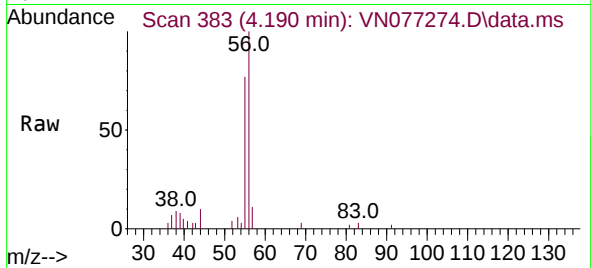
Tgt Ion: 43 Resp: 43907
Ion Ratio Lower Upper
43 100
74 22.2 19.0 28.4





#13
Acrolein
Concen: 31.917 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

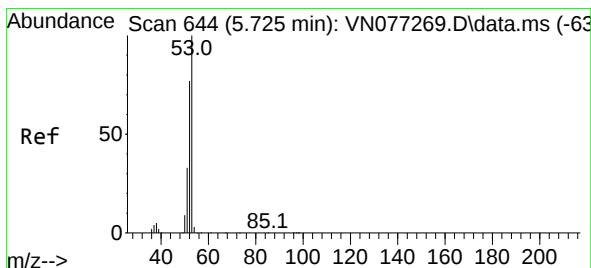
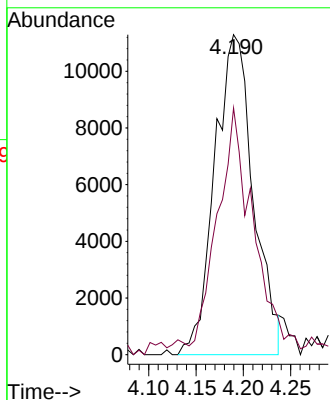
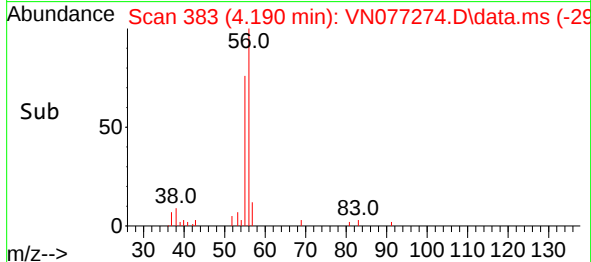
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



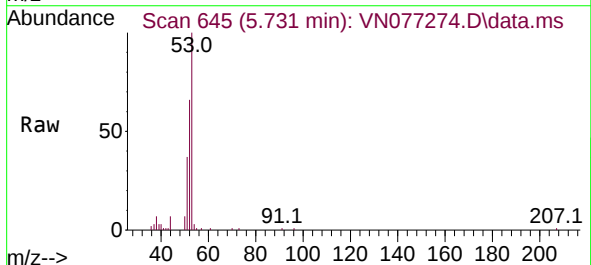
Tgt Ion: 56 Resp: 3201
Ion Ratio Lower Upper
56 100
55 71.0 55.0 82.4

Manual Integrations
APPROVED

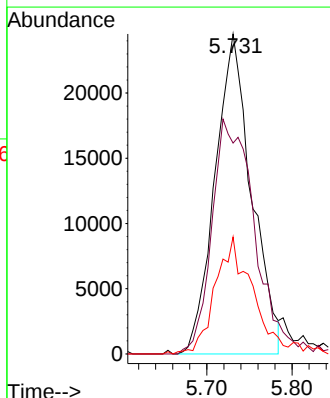
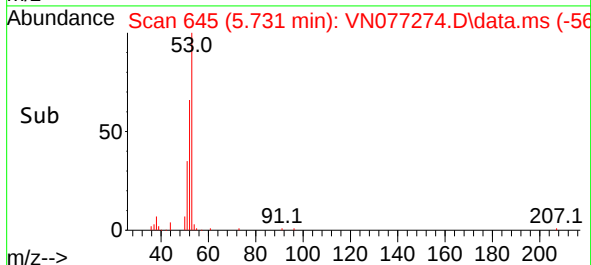
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

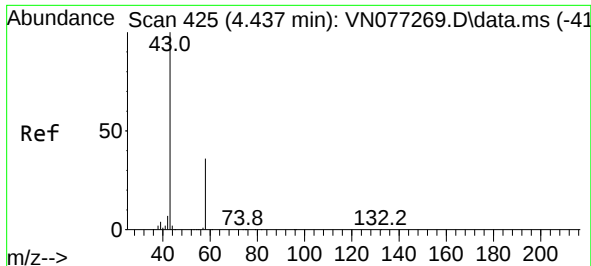


#14
Acrylonitrile
Concen: 26.281 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41



Tgt Ion: 53 Resp: 73076
Ion Ratio Lower Upper
53 100
52 44.2 41.5 124.6
51 20.9 17.6 52.8





#15

Acetone

Concen: 25.362 ug/l m

RT: 4.443 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 58 Resp: 25962

Ion Ratio Lower Upper

58 100

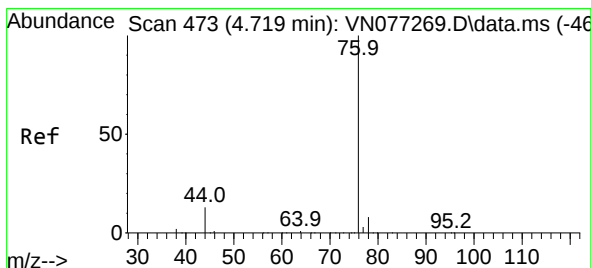
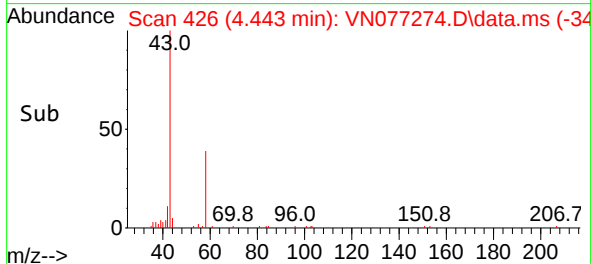
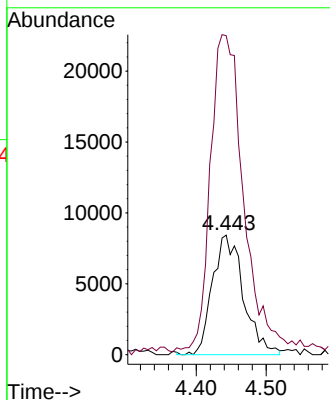
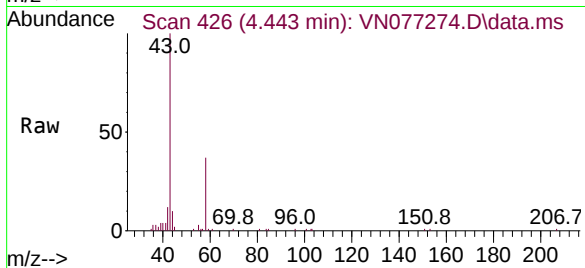
43 267.0 255.4 383.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#16

Carbon Disulfide

Concen: 5.719 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.012 min

Lab File: VN077274.D

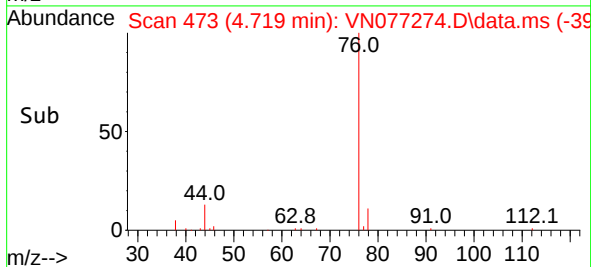
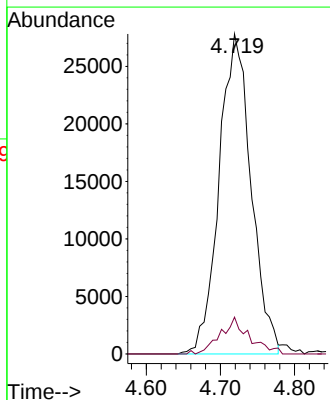
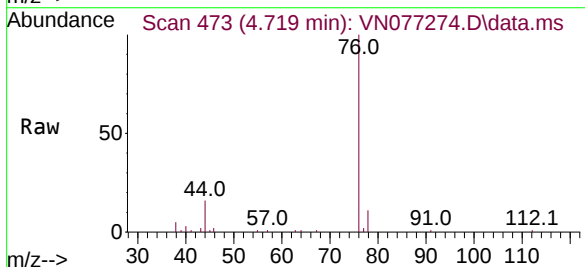
Acq: 07 Apr 2023 12:41

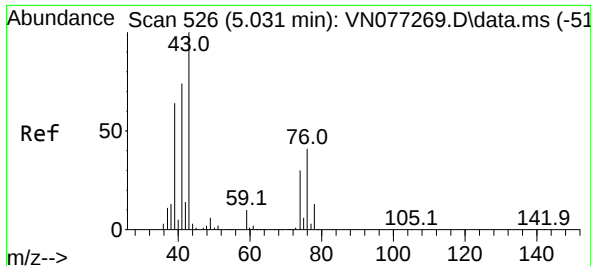
Tgt Ion: 76 Resp: 83350

Ion Ratio Lower Upper

76 100

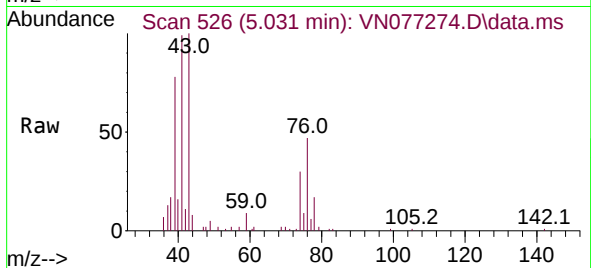
78 11.5 6.6 9.8#





#17
Allyl chloride
Concen: 5.249 ug/l
RT: 5.031 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

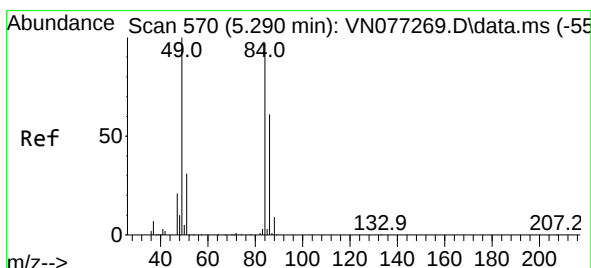
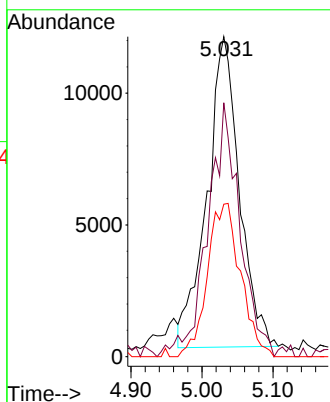
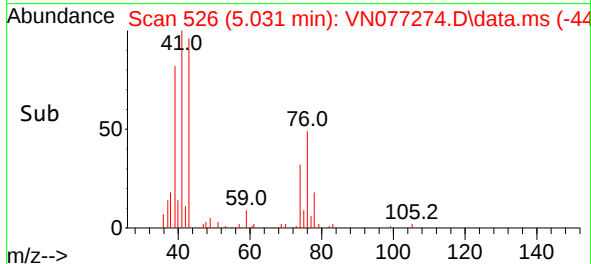
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



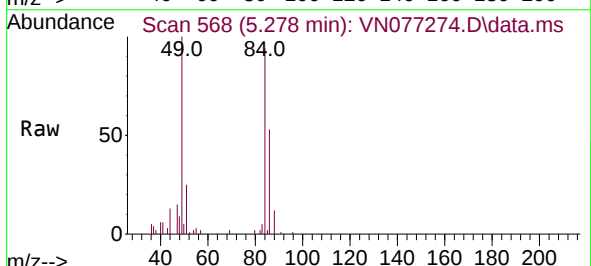
Tgt Ion: 41 Resp: 37158
Ion Ratio Lower Upper
41 100
39 79.9 34.8 104.3
76 49.2 17.5 52.5

Manual Integrations
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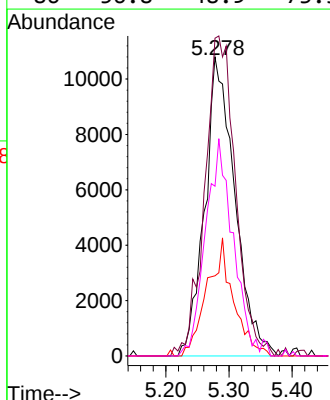
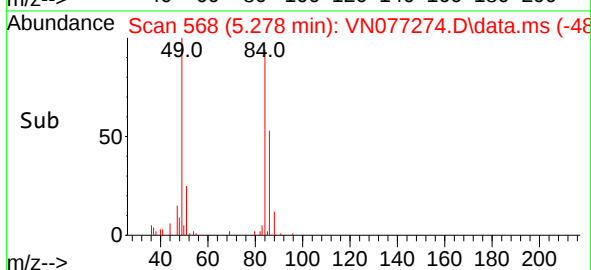
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

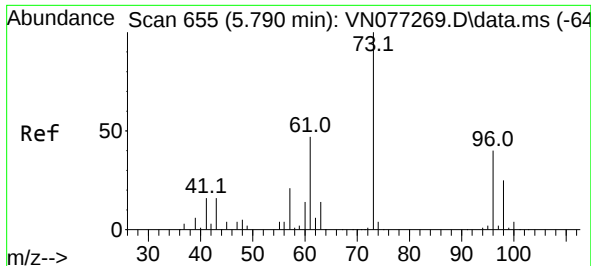


#18
Methylene Chloride
Concen: 5.547 ug/l
RT: 5.278 min Scan# 568
Delta R.T. -0.017 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41



Tgt Ion: 84 Resp: 35704
Ion Ratio Lower Upper
84 100
49 104.2 113.8 170.6#
51 26.8 34.2 51.4#
86 56.8 48.9 73.3





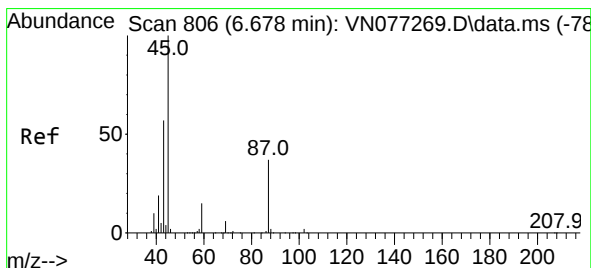
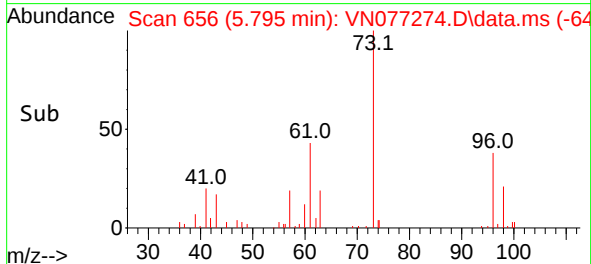
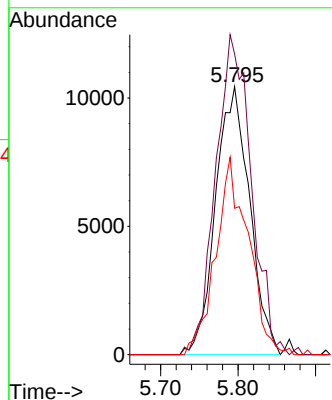
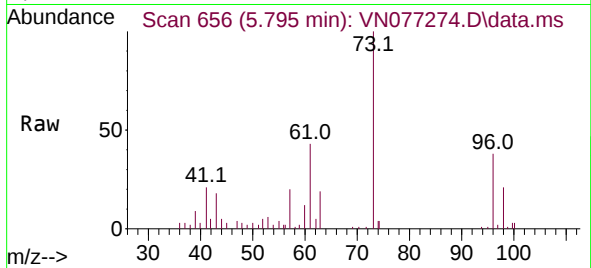
#19
trans-1,2-Dichloroethene
Concen: 5.274 ug/l
RT: 5.795 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 3194
Ion Ratio Lower Upper
96 100
61 112.2 111.0 166.4
98 54.6 55.0 82.6

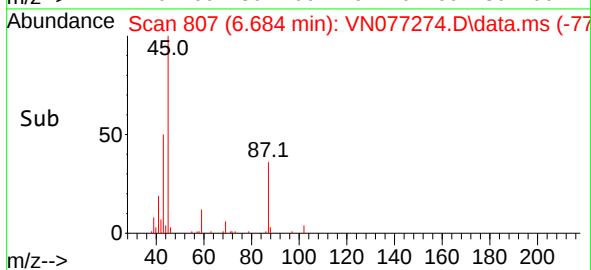
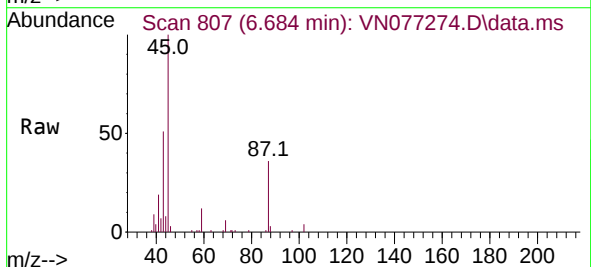
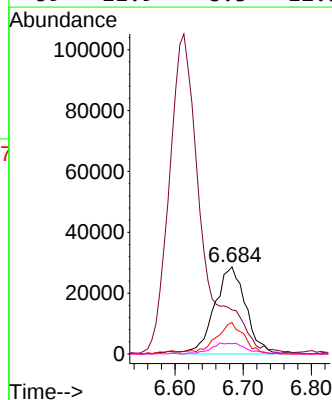
Manual Integrations
APPROVED

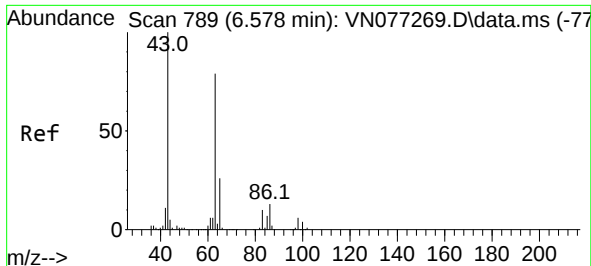
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#20
Diisopropyl ether
Concen: 5.397 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.005 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

Tgt Ion: 45 Resp: 90753
Ion Ratio Lower Upper
45 100
43 47.4 38.6 58.0
87 36.3 20.1 30.1#
59 11.9 8.3 12.5





#21

1,1-Dichloroethane

Concen: 5.250 ug/l m

RT: 6.566 min Scan# 787

Delta R.T. -0.012 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

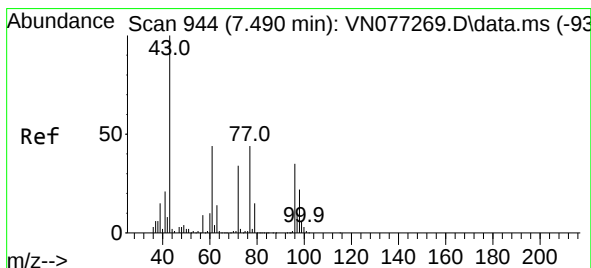
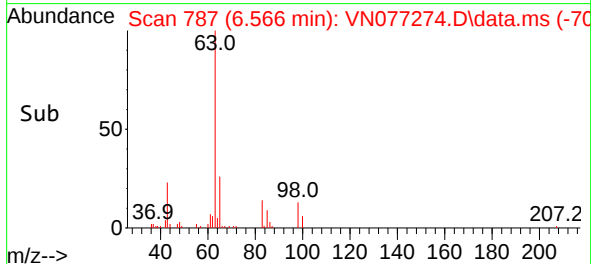
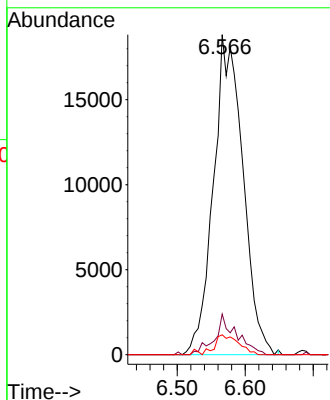
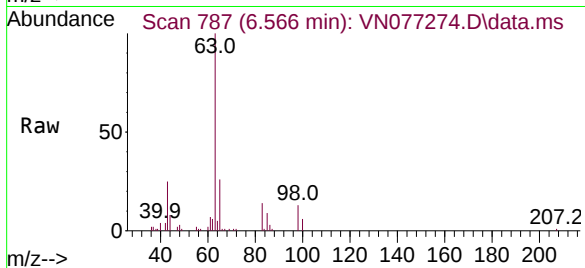
Tgt Ion:	63	Resp:	5667
Ion Ratio	Lower	Upper	
63	100		
98	12.7	3.6	10.9
100	6.2	2.6	7.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#22

cis-1,2-Dichloroethene

Concen: 5.384 ug/l

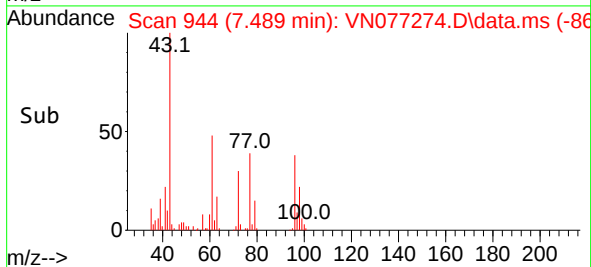
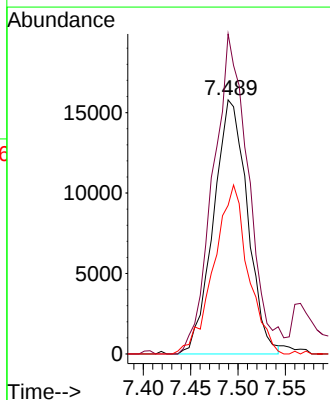
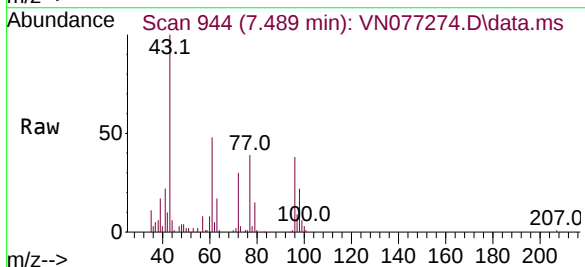
RT: 7.489 min Scan# 944

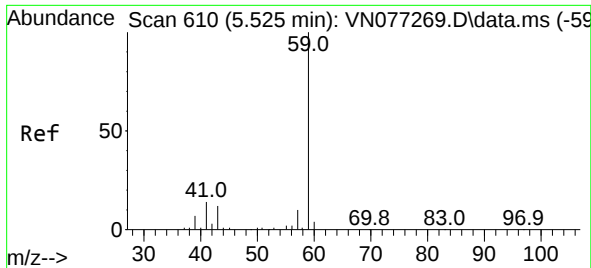
Delta R.T. -0.006 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

Tgt Ion:	96	Resp:	39394
Ion Ratio	Lower	Upper	
96	100		
61	129.0	121.0	181.4
98	67.1	50.1	75.1





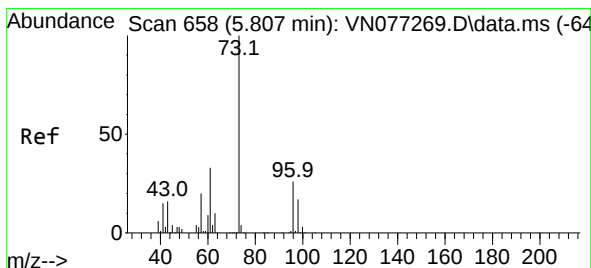
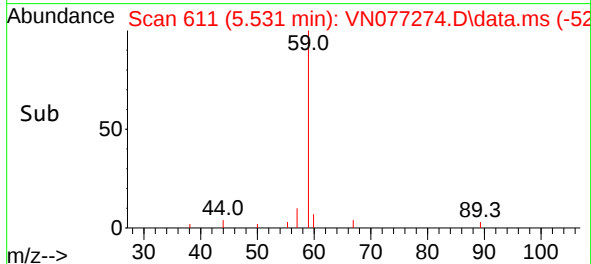
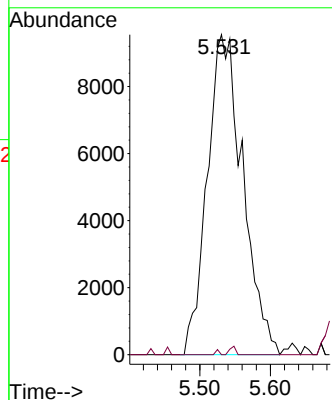
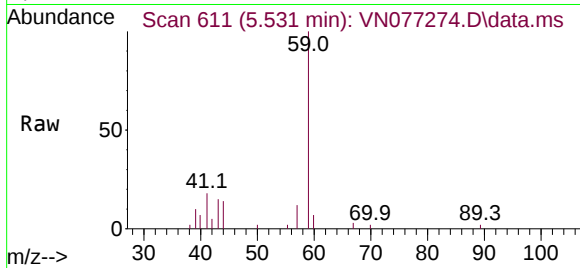
#23
tert-Butyl Alcohol
Concen: 26.921 ug/l m
RT: 5.531 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 3347
Ion Ratio Lower Upper
59 100
52 0.4 0.2 0.2

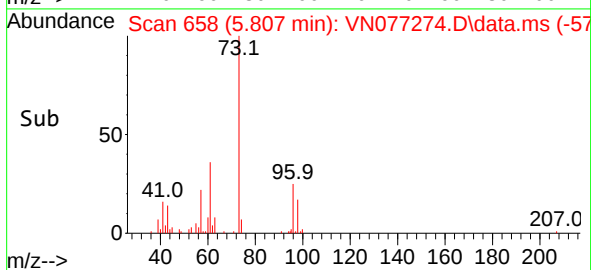
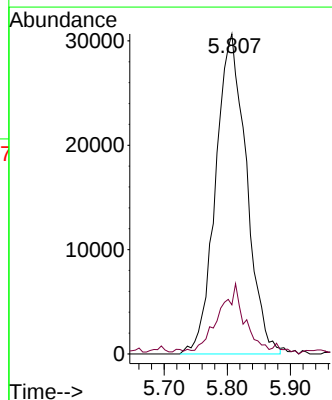
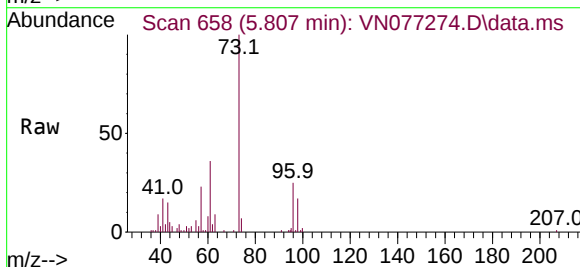
Manual Integrations
APPROVED

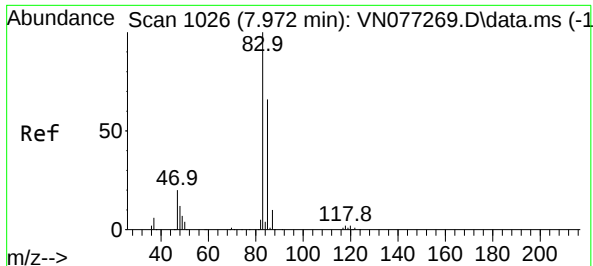
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#24
Methyl tert-Butyl Ether
Concen: 5.218 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

Tgt Ion: 73 Resp: 103763
Ion Ratio Lower Upper
73 100
43 7.2 17.8 26.6





#25

Chloroform

Concen: 5.428 ug/l

RT: 7.966 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 62689

Ion Ratio Lower Upper

83 100

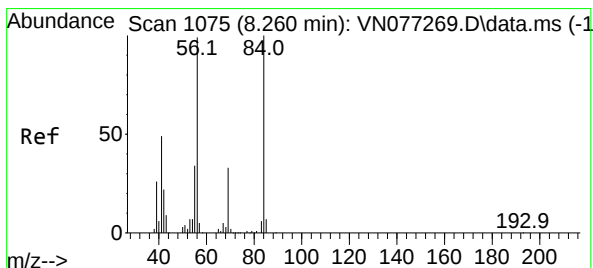
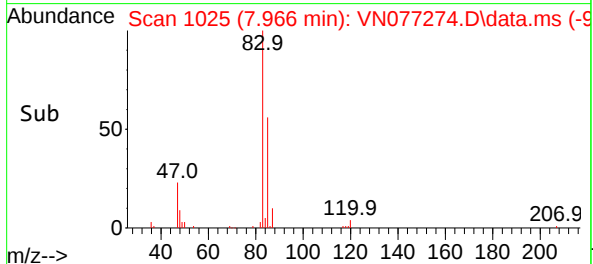
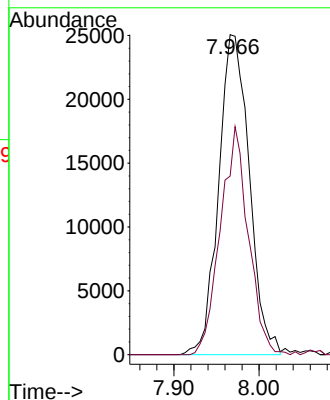
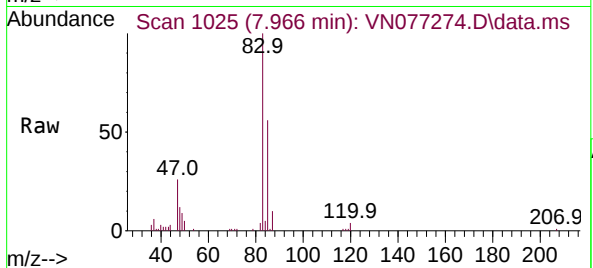
85 55.8 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#26

Cyclohexane

Concen: 5.412 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

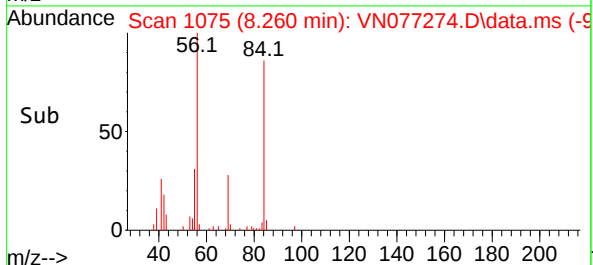
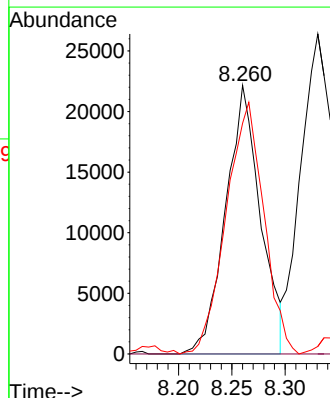
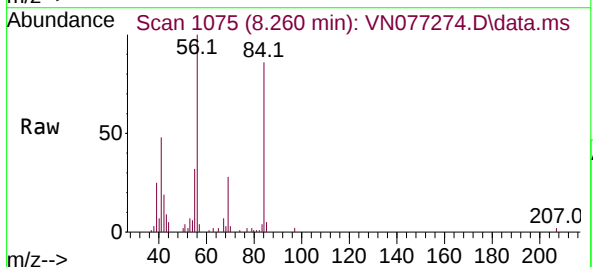
Tgt Ion: 56 Resp: 50372

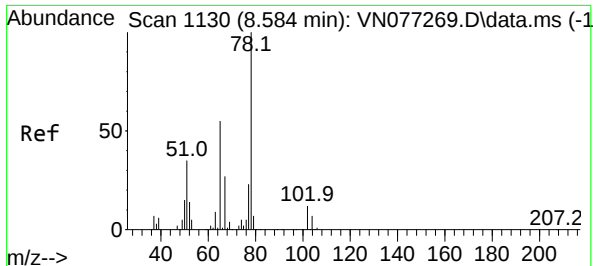
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 101.4 65.3 97.9#





#27

1,2-Dichloroethane-d4

Concen: 31.303 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 13711

Ion Ratio Lower Upper

65 100

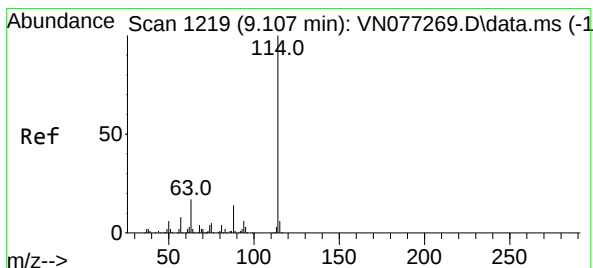
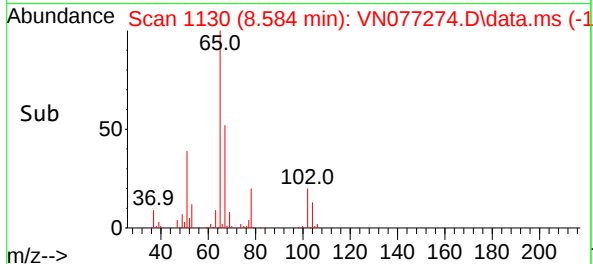
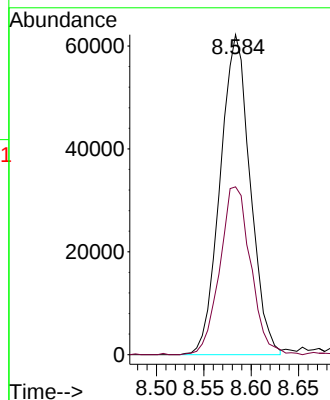
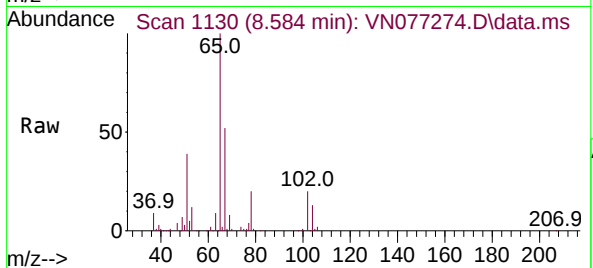
67 53.8 40.9 61.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

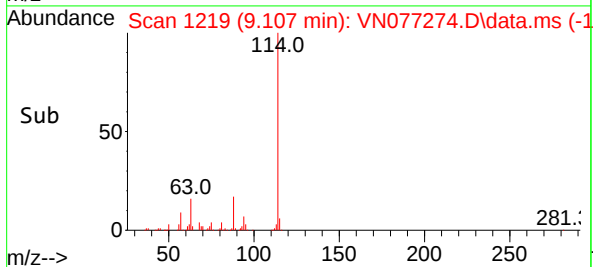
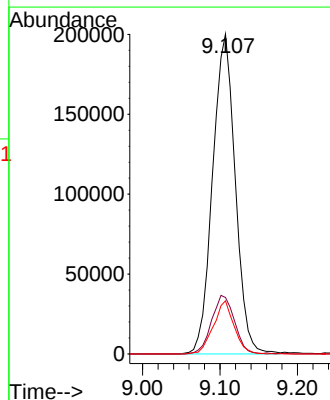
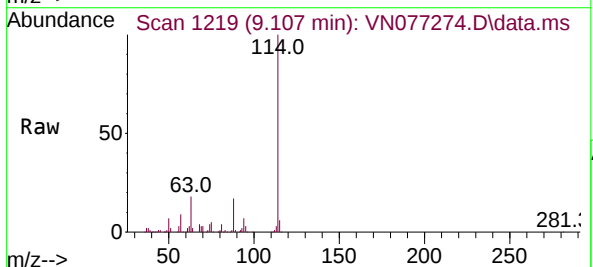
Tgt Ion:114 Resp: 406957

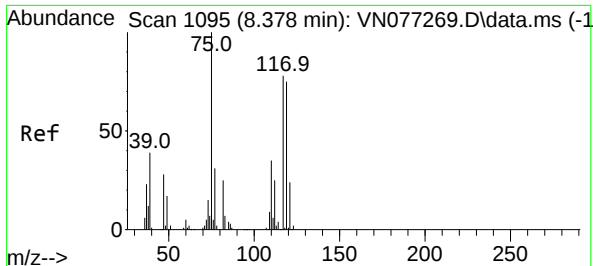
Ion Ratio Lower Upper

114 100

63 18.5 17.0 25.4

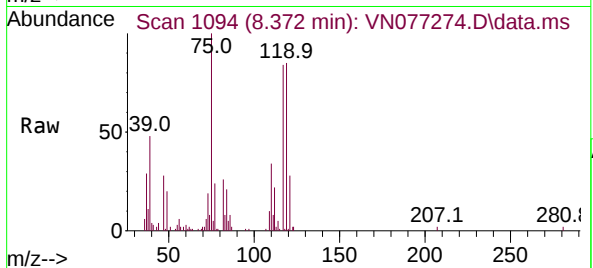
88 15.2 11.6 17.4





#29
1,1-Dichloropropene
Concen: 4.969 ug/l
RT: 8.372 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

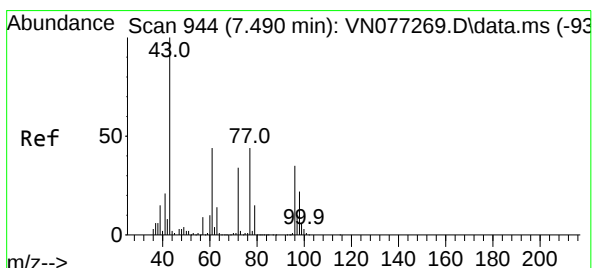
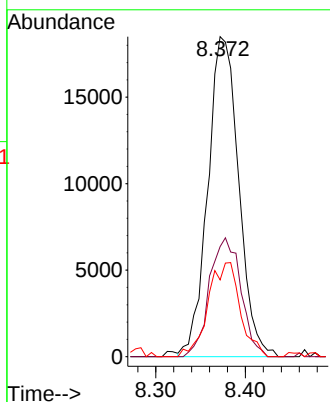
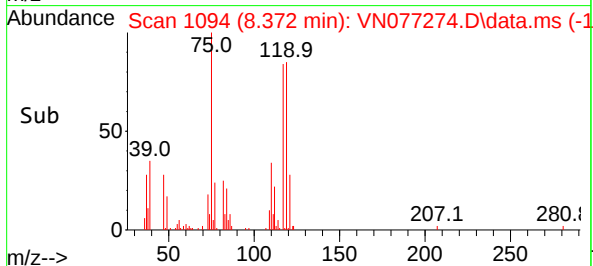
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



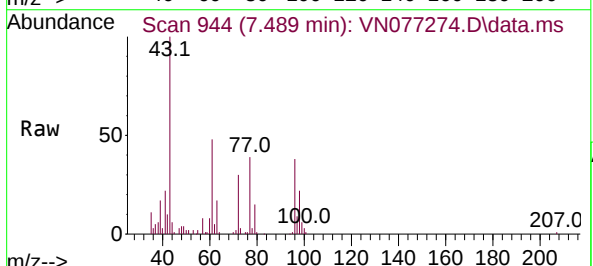
Tgt Ion: 75 Resp: 4428
Ion Ratio Lower Upper
75 100
110 37.7 0.0 67.2
77 30.4 0.0 64.4

Manual Integrations
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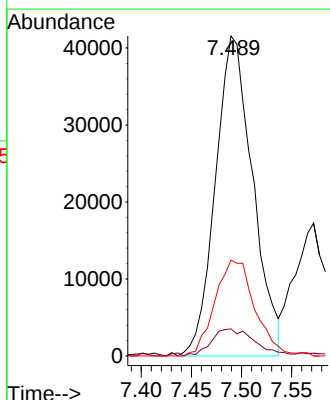
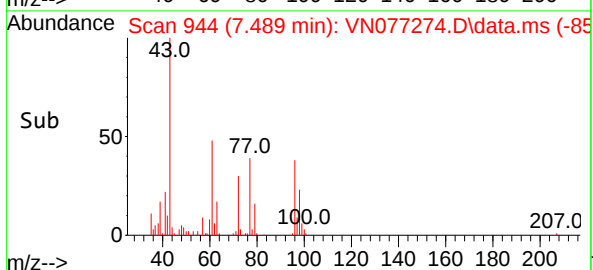
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

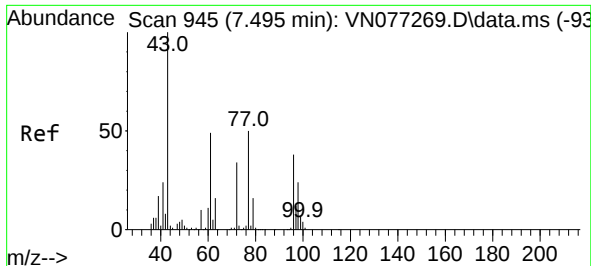


#30
2-Butanone
Concen: 25.763 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41



Tgt Ion: 43 Resp: 107693
Ion Ratio Lower Upper
43 100
57 9.8 6.1 9.1#
72 32.0 20.2 30.4#





#31

2,2-Dichloropropane

Concen: 5.129 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.006 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 77 Resp: 5625

Ion Ratio Lower Upper

77 100

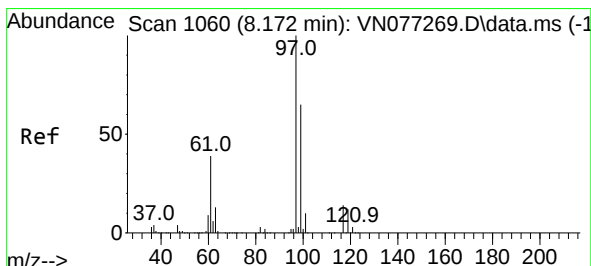
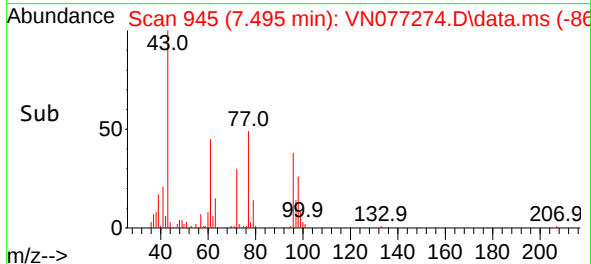
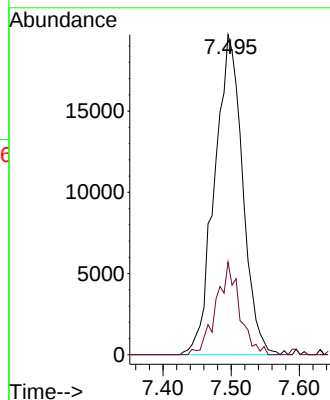
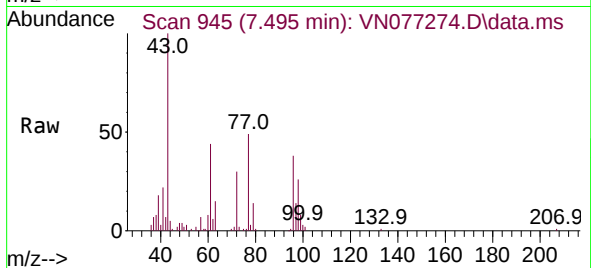
97 13.8 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#32

1,1,1-Trichloroethane

Concen: 5.042 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

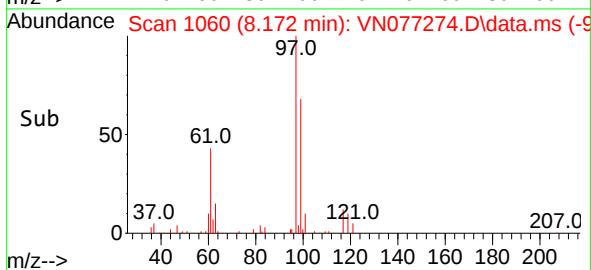
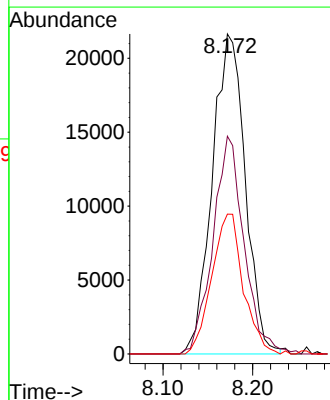
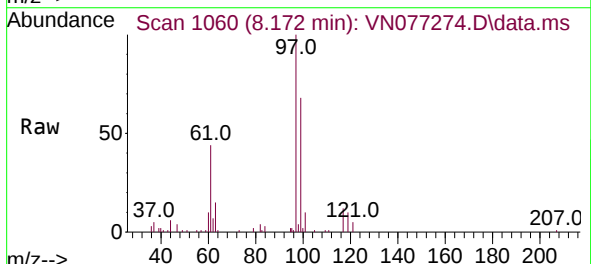
Tgt Ion: 97 Resp: 55275

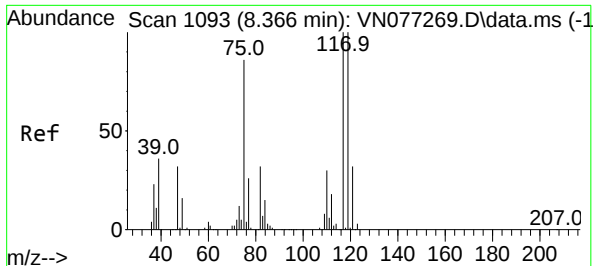
Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.8

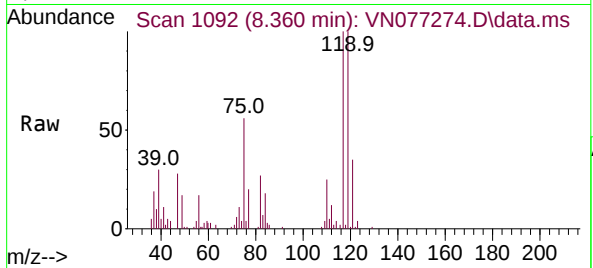
61 41.7 39.3 58.9





#33
Carbon Tetrachloride
Concen: 5.030 ug/l m
RT: 8.360 min Scan# 1093
Delta R.T. -0.012 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

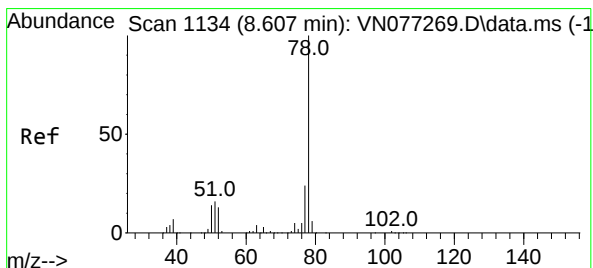
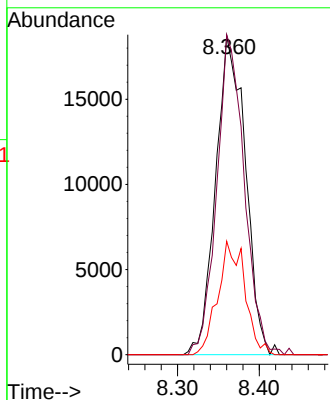
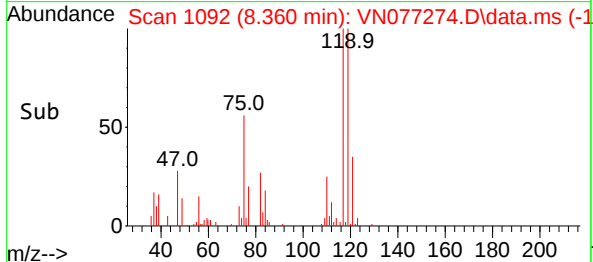
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 4721
Ion Ratio Lower Upper
117 100
119 100.4 79.8 119.8
121 35.6 23.4 35.0

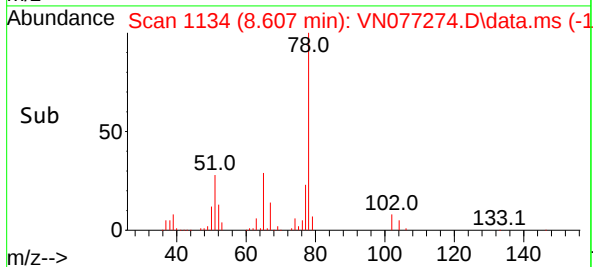
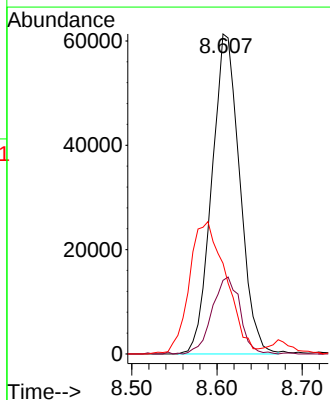
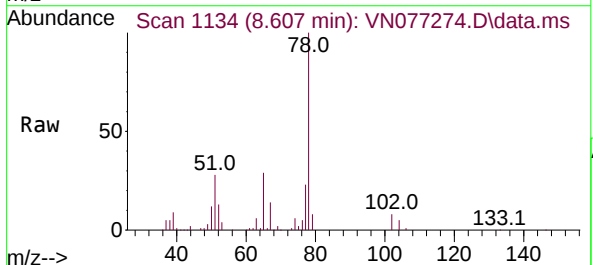
Manual Integrations
APPROVED

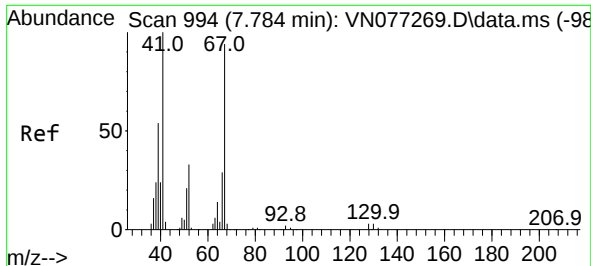
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#34
Benzene
Concen: 5.064 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

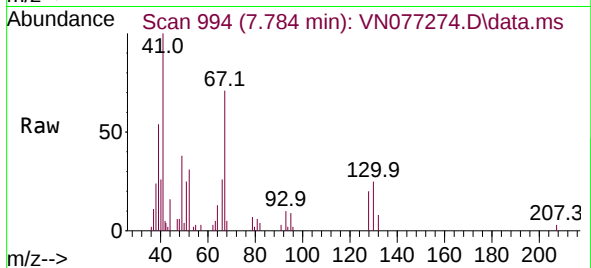
Tgt Ion: 78 Resp: 139667
Ion Ratio Lower Upper
78 100
77 23.0 17.4 26.2
51 23.9 13.8 20.6





#35
Methacrylonitrile
Concen: 5.346 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

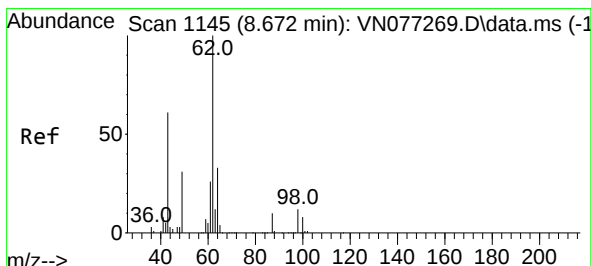
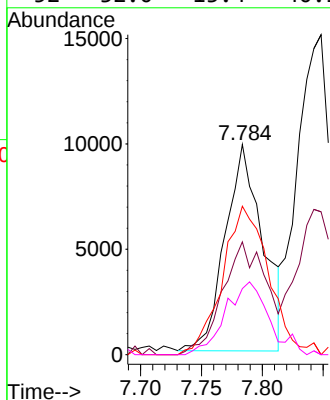
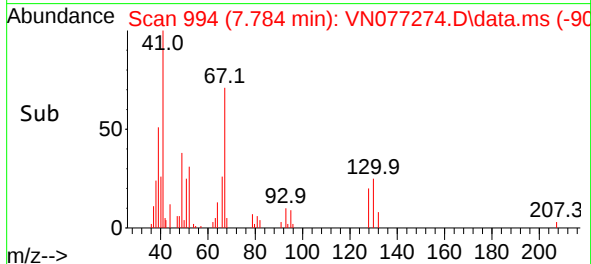
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



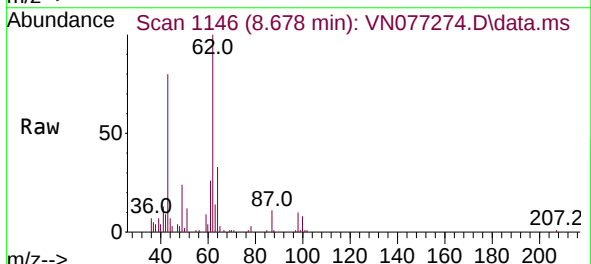
Tgt Ion: 41 Resp: 2107
Ion Ratio Lower Upper
41 100
39 54.7 26.6 79.7
67 72.0 32.3 96.9
52 32.0 13.4 40.1

Manual Integrations
APPROVED

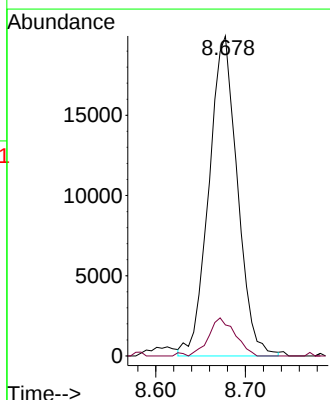
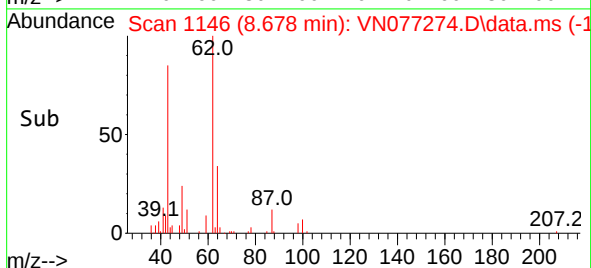
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

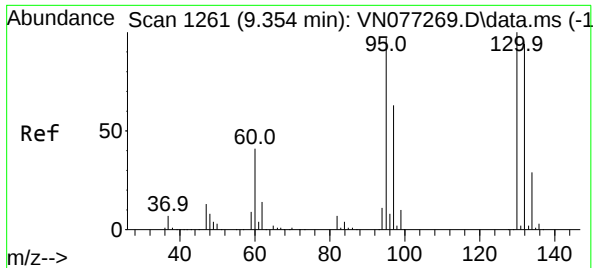


#36
1,2-Dichloroethane
Concen: 5.093 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41



Tgt Ion: 62 Resp: 43940
Ion Ratio Lower Upper
62 100
98 11.0 7.4 11.0





#37

Trichloroethene

Concen: 5.106 ug/l

RT: 9.360 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:130 Resp: 34770

Ion Ratio Lower Upper

130 100

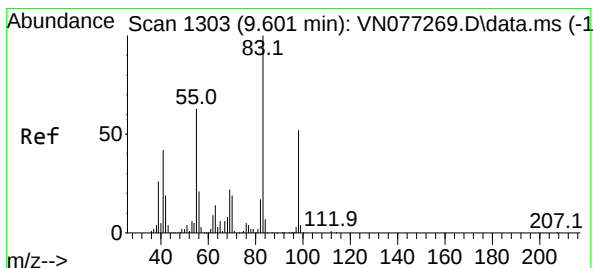
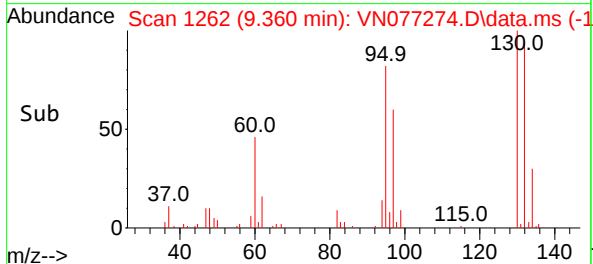
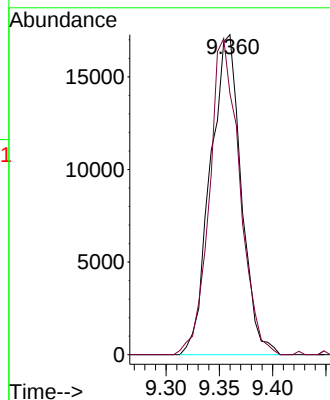
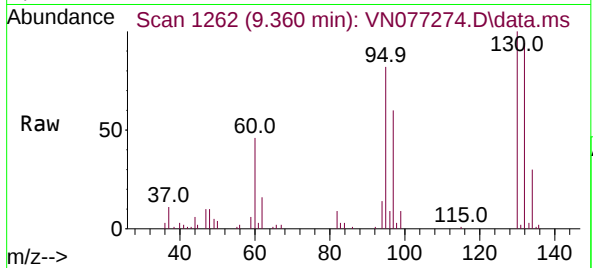
95 81.6 78.7 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#38

Methylcyclohexane

Concen: 5.027 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

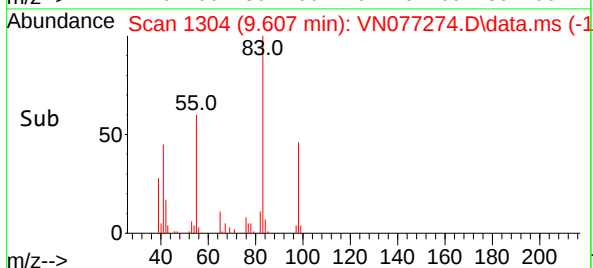
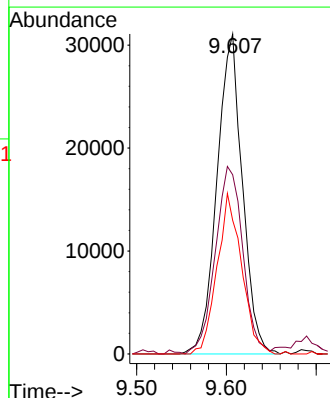
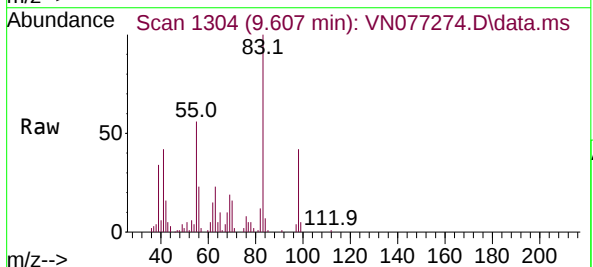
Tgt Ion: 83 Resp: 61130

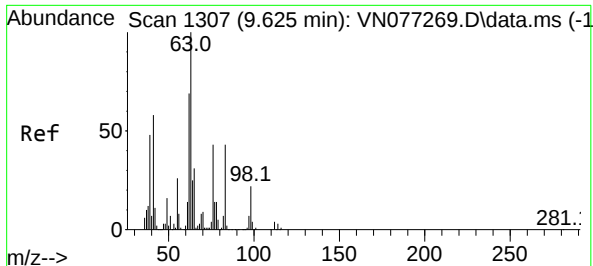
Ion Ratio Lower Upper

83 100

55 63.3 37.6 112.9

98 48.5 24.1 72.4





#39

1,2-Dichloropropane

Concen: 5.109 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 3486

Ion Ratio Lower Upper

63 100

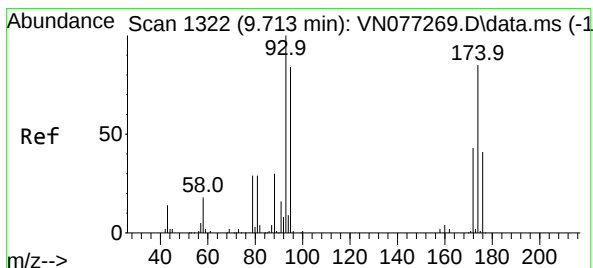
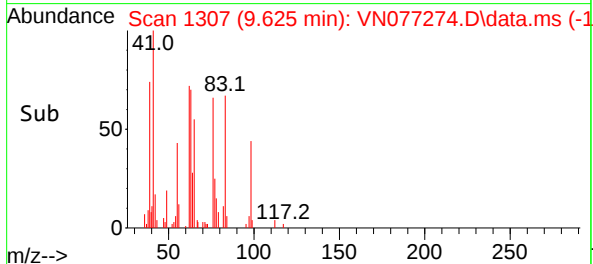
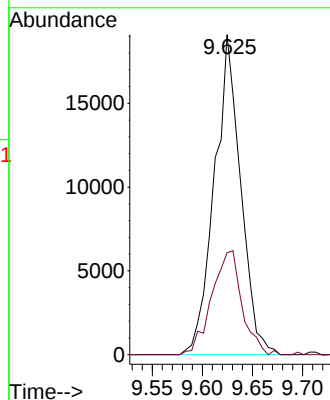
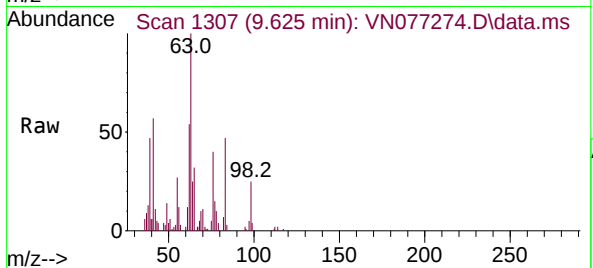
65 31.8 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#40

Dibromomethane

Concen: 5.039 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

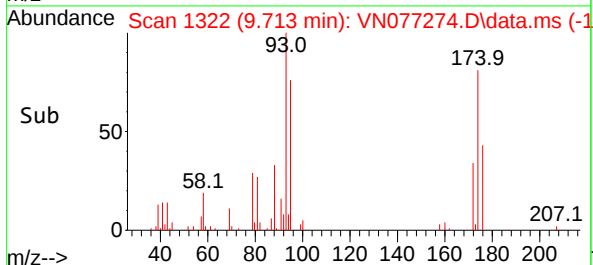
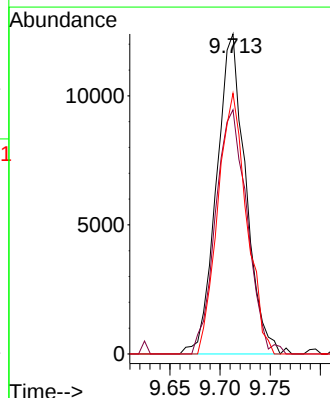
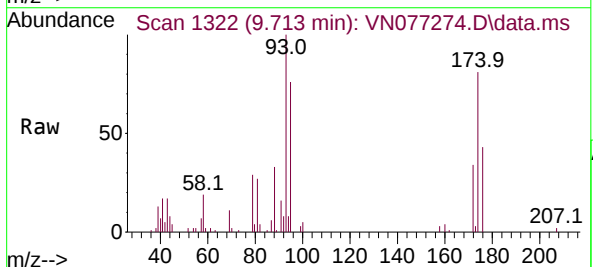
Tgt Ion: 93 Resp: 25027

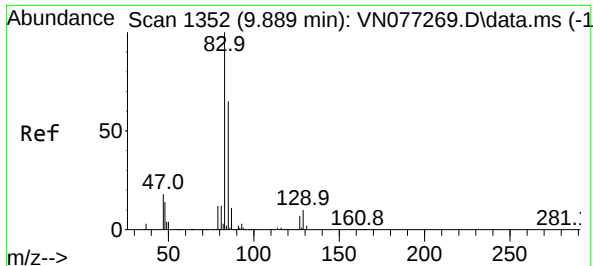
Ion Ratio Lower Upper

93 100

95 81.7 0.0 158.0

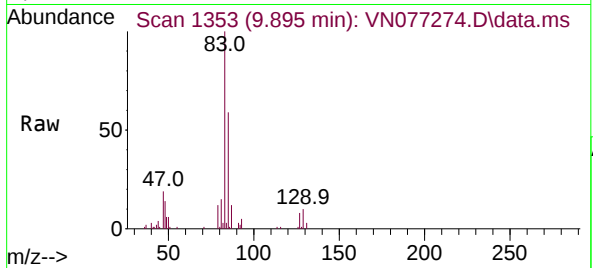
174 80.7 0.0 171.2





#41
Bromodichloromethane
Concen: 5.023 ug/l
RT: 9.895 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

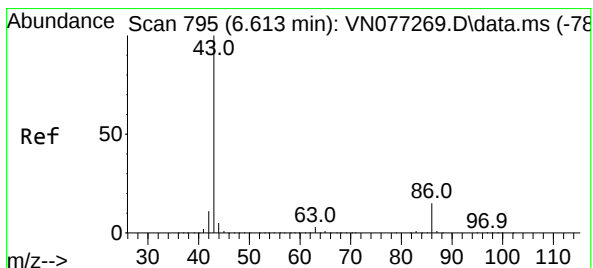
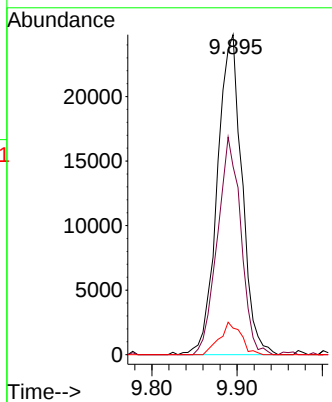
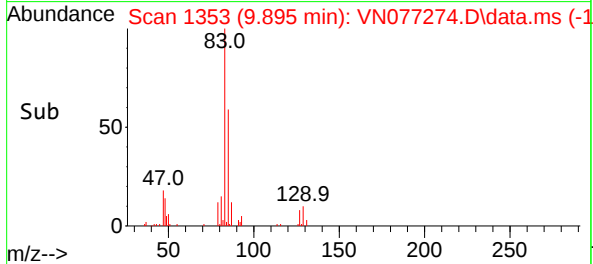
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 4983
Ion Ratio Lower Upper
83 100
85 58.8 51.0 76.4
127 8.3 6.2 9.2

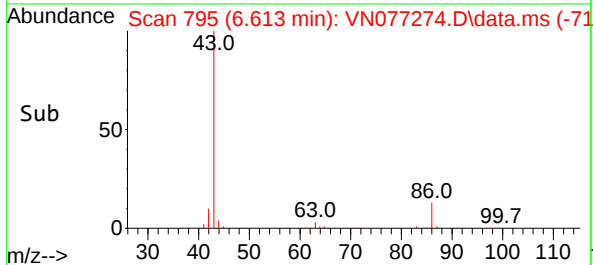
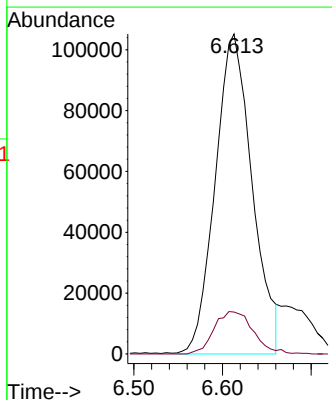
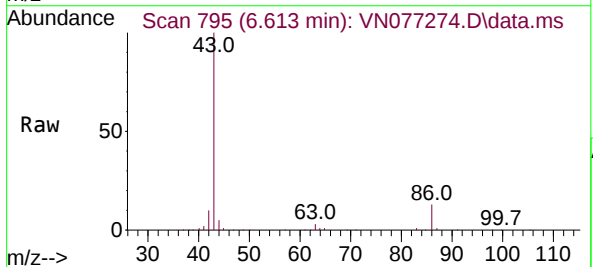
Manual Integrations
APPROVED

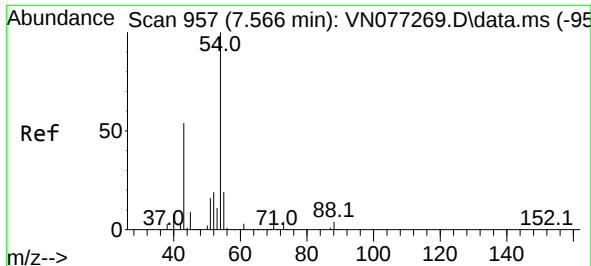
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#42
Vinyl Acetate
Concen: 25.171 ug/l m
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

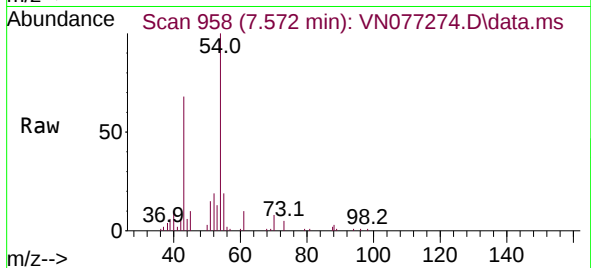
Tgt Ion: 43 Resp: 305544
Ion Ratio Lower Upper
43 100
86 13.7 7.8 11.6#





#43
Ethyl Acetate
Concen: 5.127 ug/l
RT: 7.572 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

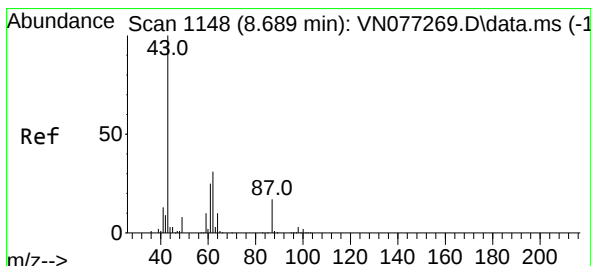
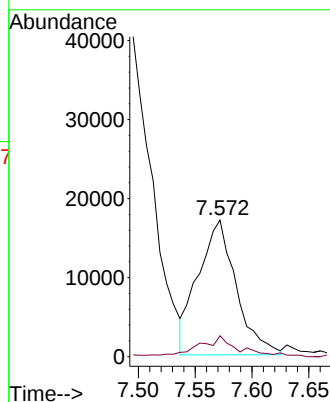
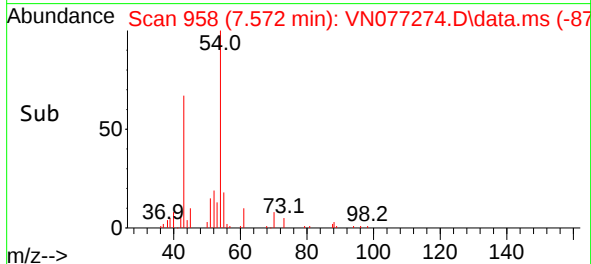
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 3972
Ion Ratio Lower Upper
43 100
45 5.6 11.2 16.8

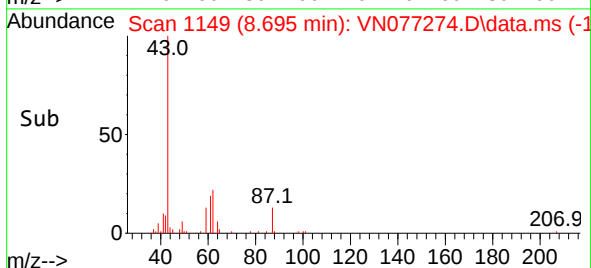
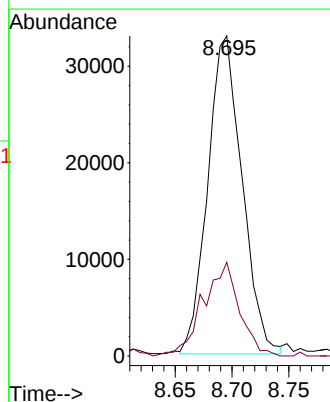
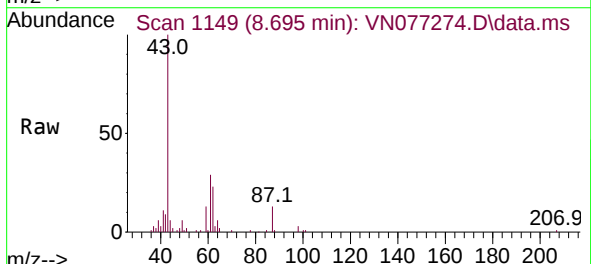
Manual Integrations
APPROVED

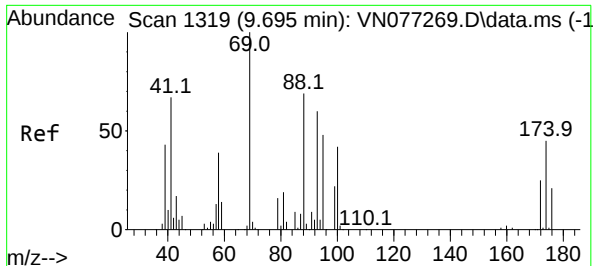
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#44
Isopropyl Acetate
Concen: 4.933 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

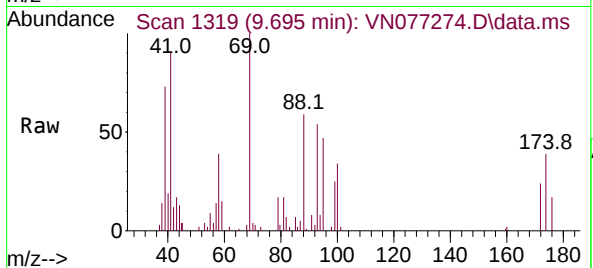
Tgt Ion: 43 Resp: 69211
Ion Ratio Lower Upper
43 100
61 31.1 19.5 29.3





#45
1,4-Dioxane
Concen: 103.277 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

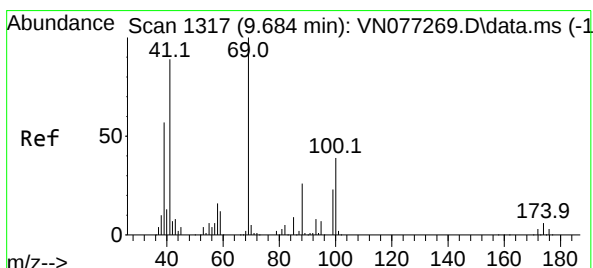
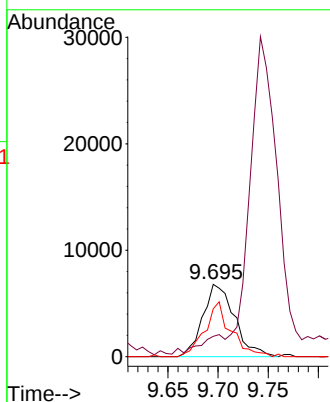
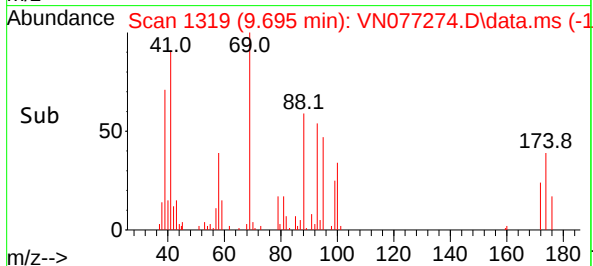
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



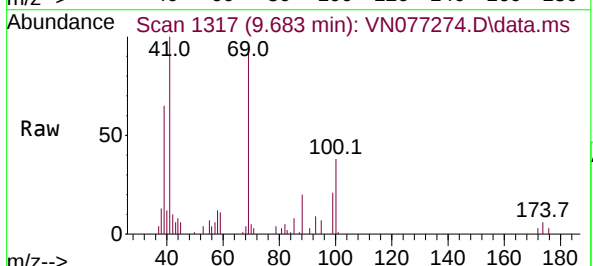
Tgt Ion: 88 Resp: 14969
Ion Ratio Lower Upper
88 100
43 18.0 26.0 39.0
58 51.1 54.3 81.5

Manual Integrations
APPROVED

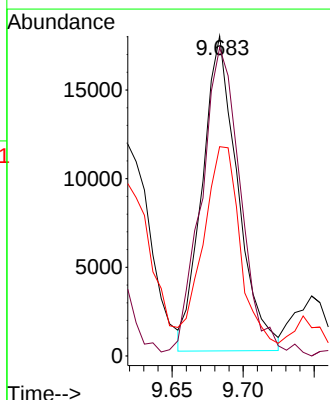
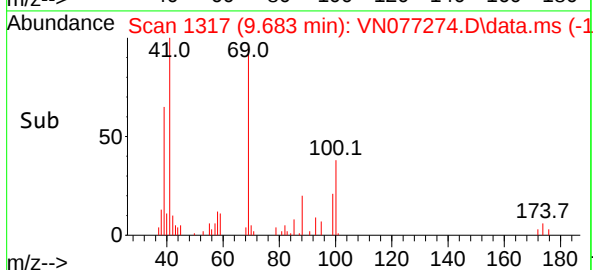
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

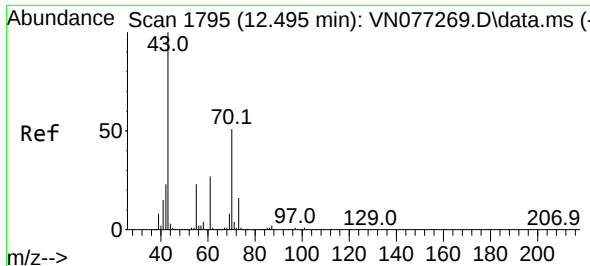


#46
Methyl methacrylate
Concen: 5.110 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41



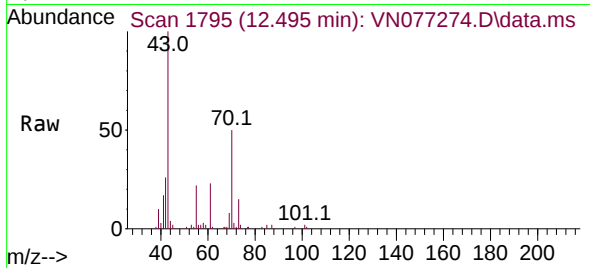
Tgt Ion: 41 Resp: 30722
Ion Ratio Lower Upper
41 100
69 98.8 40.6 121.7
39 65.2 30.5 91.5





#47
n-amy1 Acetate
Concen: 4.684 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

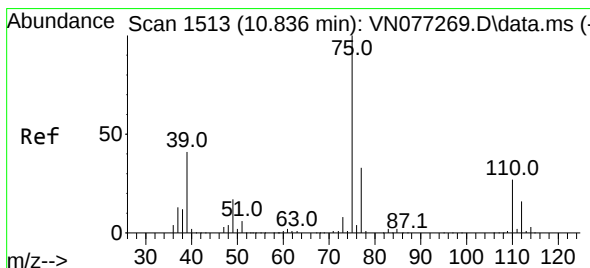
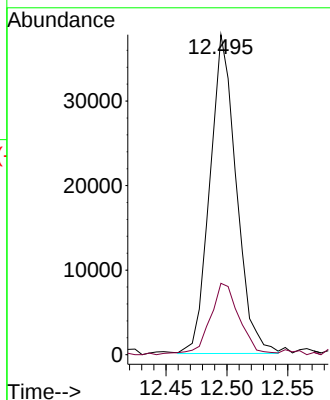
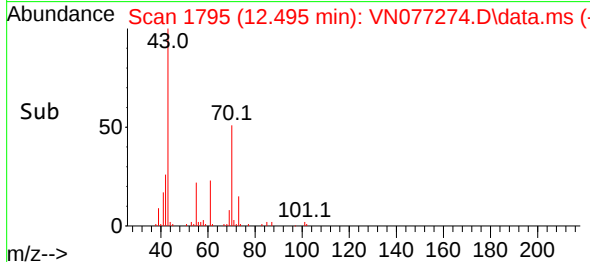
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 56994
Ion Ratio Lower Upper
43 100
55 24.8 18.3 27.5

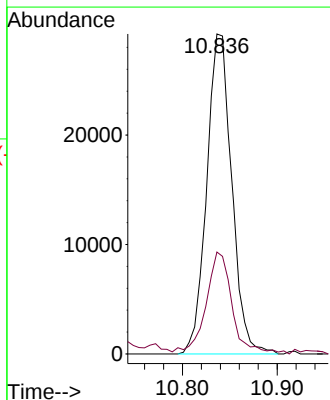
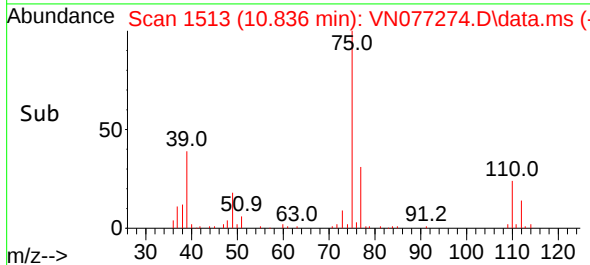
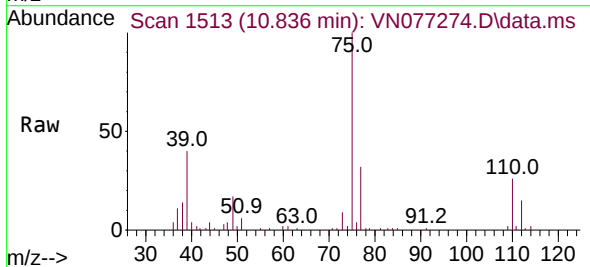
Manual Integrations
APPROVED

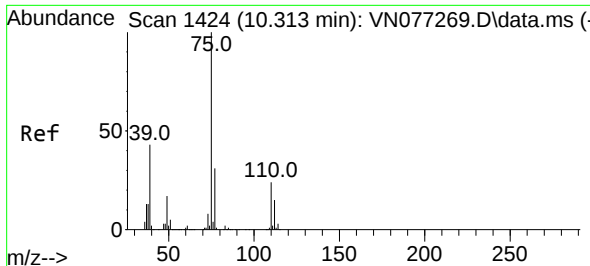
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#48
t-1,3-Dichloropropene
Concen: 4.865 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

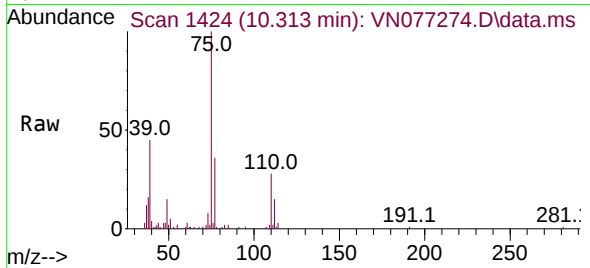
Tgt Ion: 75 Resp: 53703
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2





#49
cis-1,3-Dichloropropene
Concen: 4.900 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

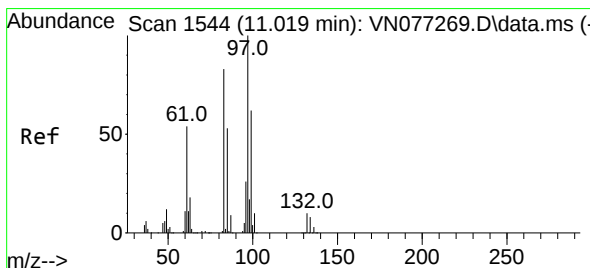
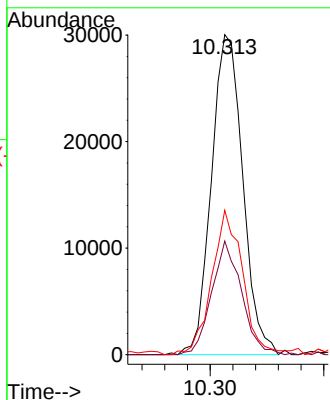
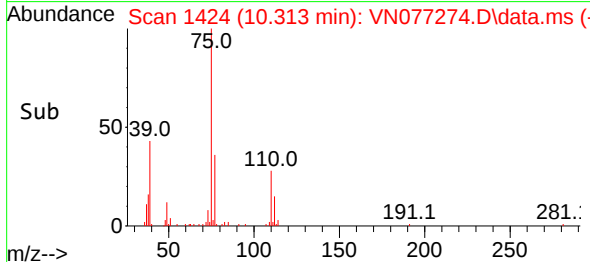
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 57559
Ion Ratio Lower Upper
75 100
77 35.5 27.5 41.3
39 43.9 43.5 65.3

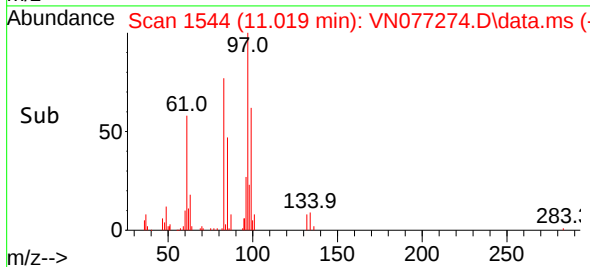
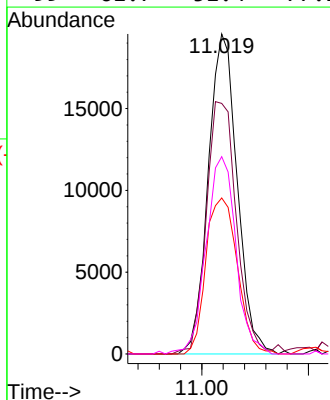
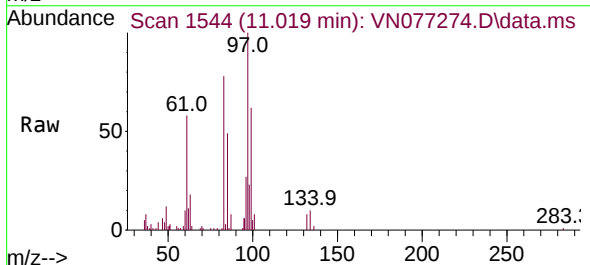
Manual Integrations
APPROVED

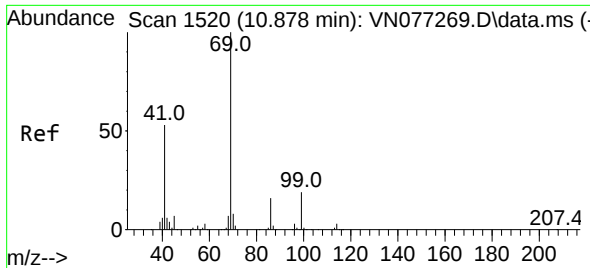
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#50
1,1,2-Trichloroethane
Concen: 5.177 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

Tgt Ion: 97 Resp: 36862
Ion Ratio Lower Upper
97 100
83 77.5 71.0 106.4
85 48.7 45.5 68.3
99 61.7 51.4 77.2





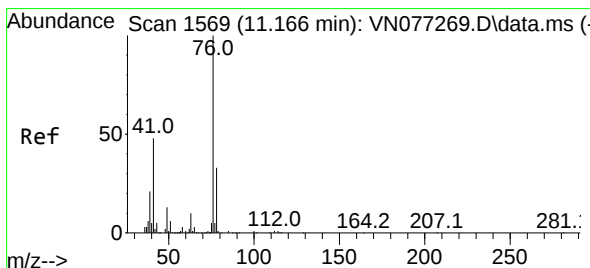
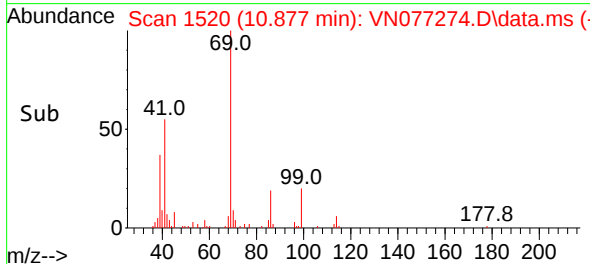
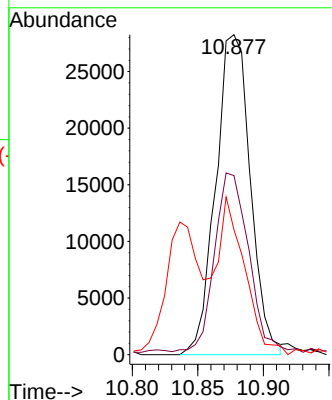
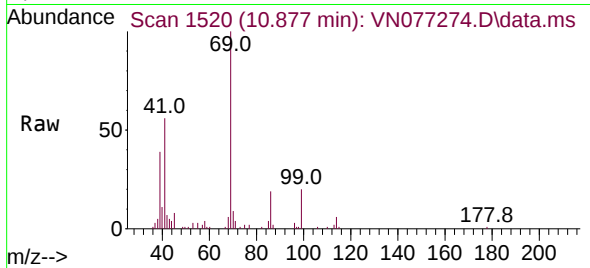
#51
Ethyl methacrylate
Concen: 4.680 ug/l
RT: 10.877 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 69 Resp: 51939
Ion Ratio Lower Upper
69 100
41 54.4 36.3 108.7
39 36.2 19.9 59.7

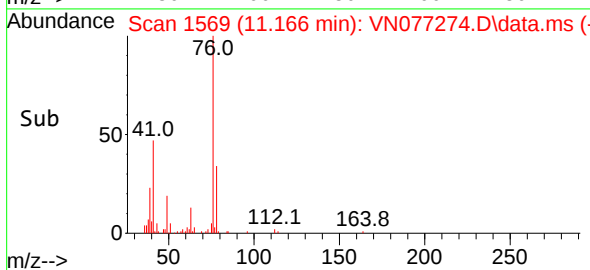
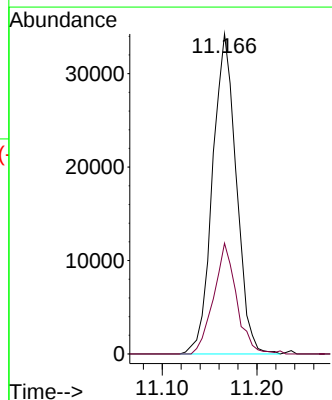
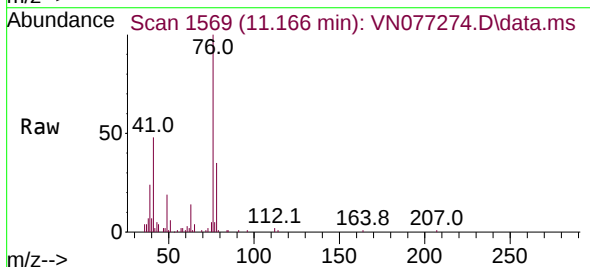
Manual Integrations
APPROVED

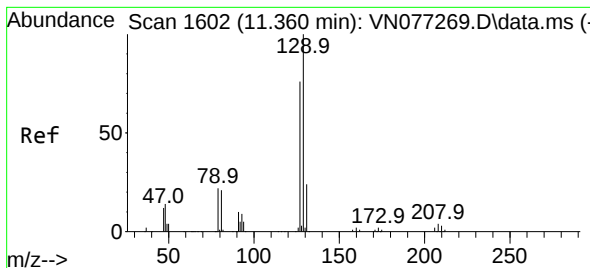
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#52
1,3-Dichloropropane
Concen: 4.981 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

Tgt Ion: 76 Resp: 59620
Ion Ratio Lower Upper
76 100
78 33.3 0.0 65.4





#53

Dibromochloromethane

Concen: 5.021 ug/l

RT: 11.366 min Scan# 1602

Delta R.T. 0.006 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:129 Resp: 3757

Ion Ratio Lower Upper

129 100

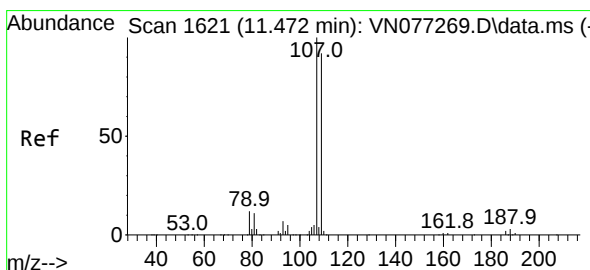
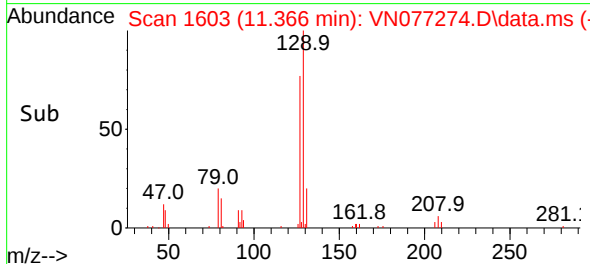
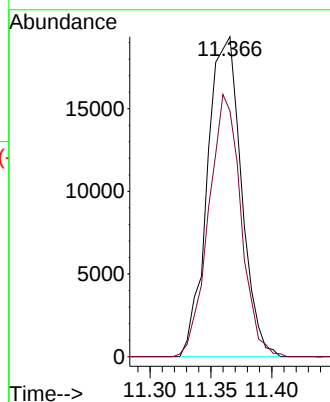
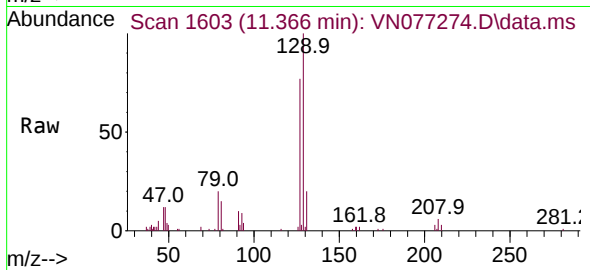
127 77.9 39.4 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#54

1,2-Dibromoethane

Concen: 4.817 ug/l

RT: 11.472 min Scan# 1621

Delta R.T. 0.001 min

Lab File: VN077274.D

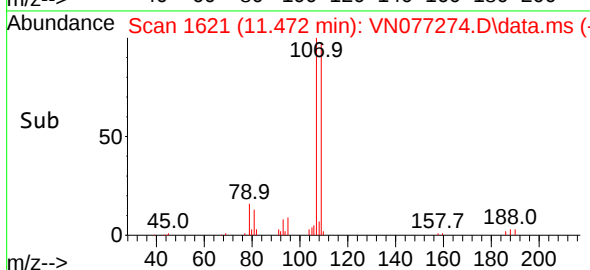
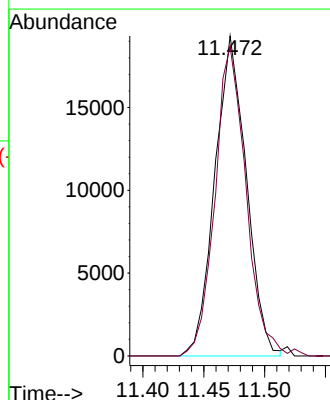
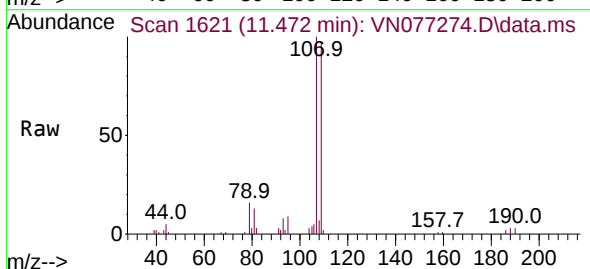
Acq: 07 Apr 2023 12:41

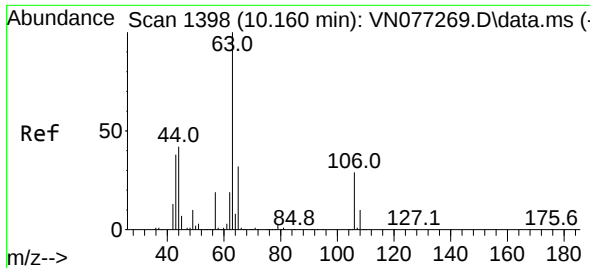
Tgt Ion:107 Resp: 34726

Ion Ratio Lower Upper

107 100

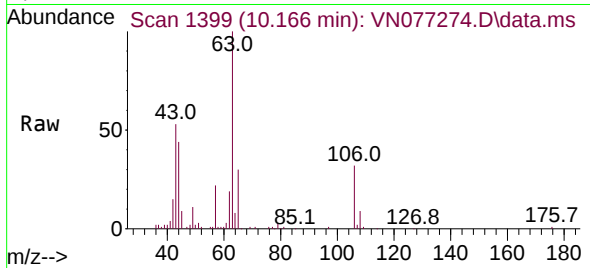
109 95.1 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 25.597 ug/l
RT: 10.166 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

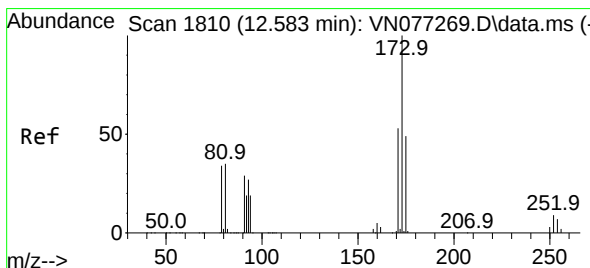
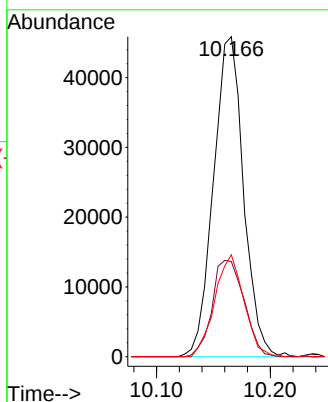
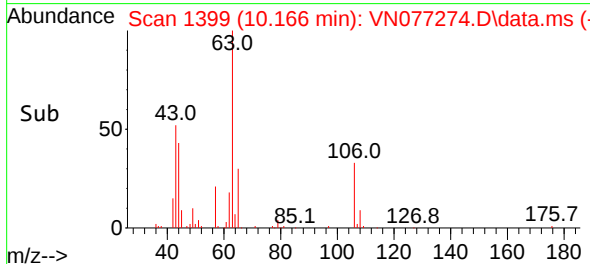
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 63 Resp: 8410
Ion Ratio Lower Upper
63 100
65 32.1 26.3 39.5
106 31.0 21.6 32.4

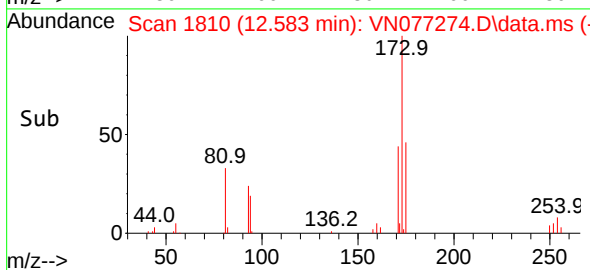
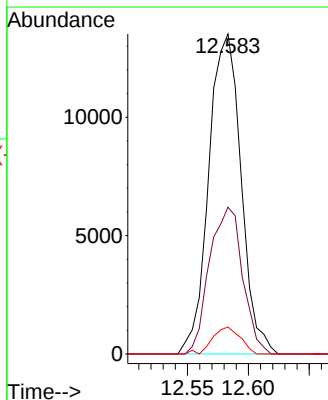
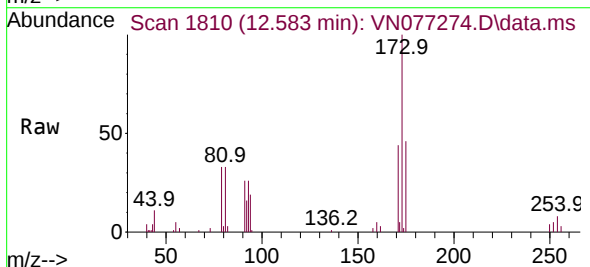
Manual Integrations
APPROVED

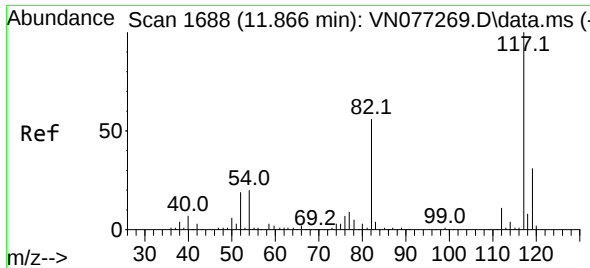
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#56
Bromoform
Concen: 4.905 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

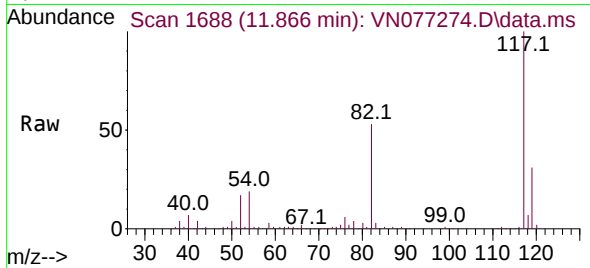
Tgt Ion:173 Resp: 24932
Ion Ratio Lower Upper
173 100
175 47.0 37.8 56.6
254 7.0 7.3 10.9#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

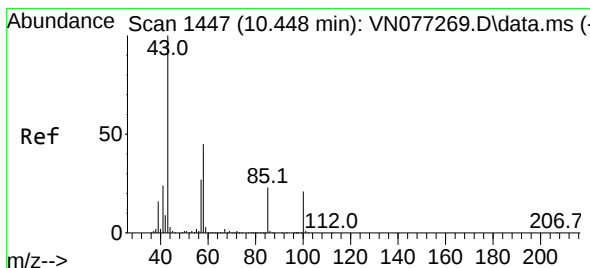
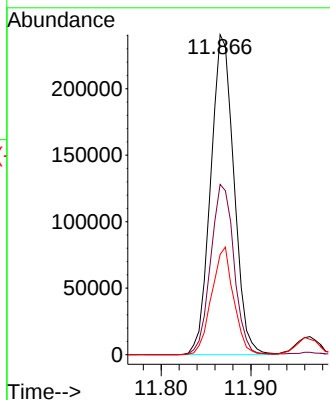
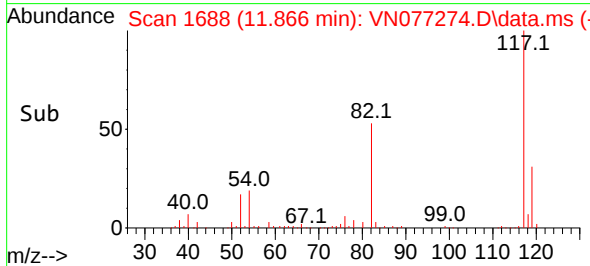
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 117 Resp: 433612
Ion Ratio Lower Upper
117 100
82 53.5 45.4 68.0
119 31.9 26.8 40.2

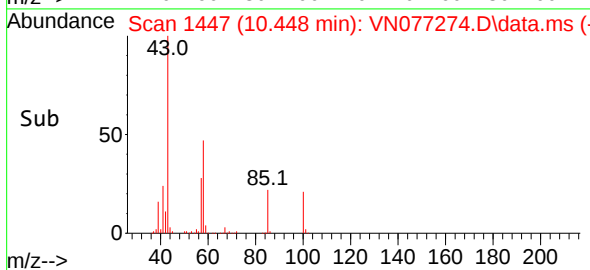
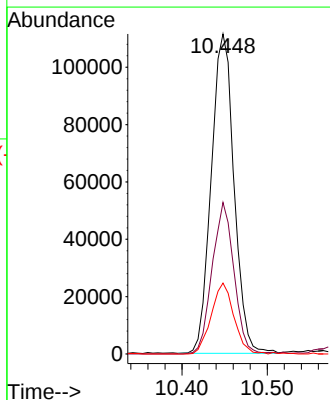
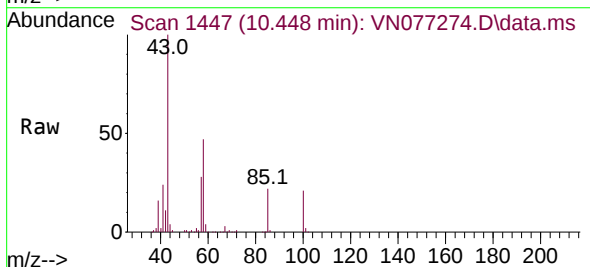
Manual Integrations
APPROVED

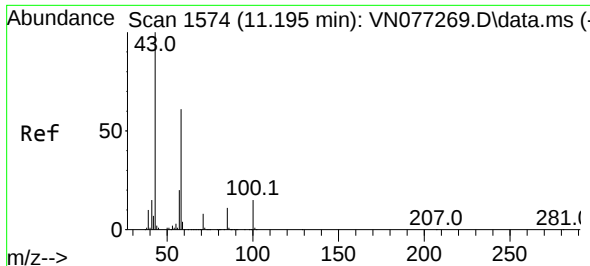
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#58
4-Methyl-2-Pentanone
Concen: 25.450 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

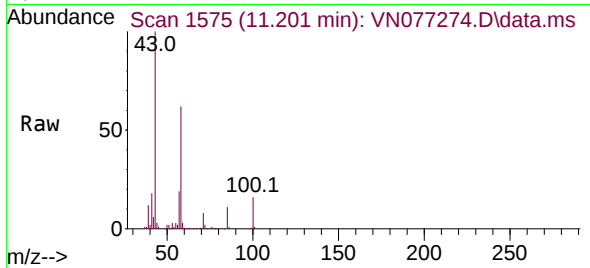
Tgt Ion: 43 Resp: 207351
Ion Ratio Lower Upper
43 100
58 45.3 28.6 42.8#
85 21.9 11.8 17.8#





#59
2-Hexanone
Concen: 25.710 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

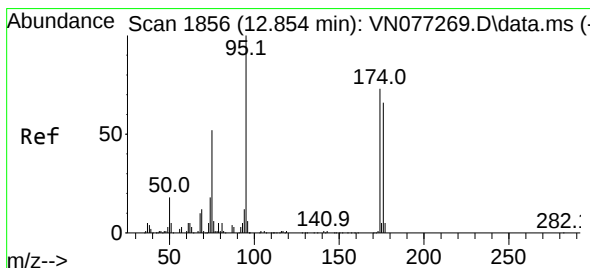
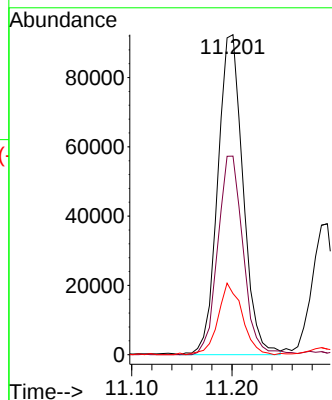
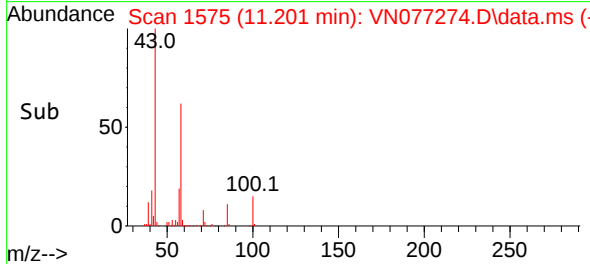
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 16166
Ion Ratio Lower Upper
43 100
58 61.2 40.6 60.8
57 21.3 13.1 19.7

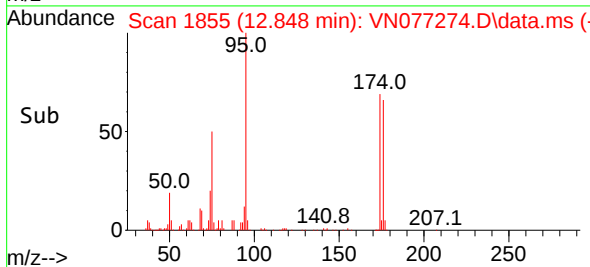
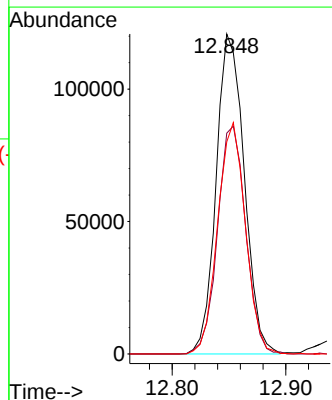
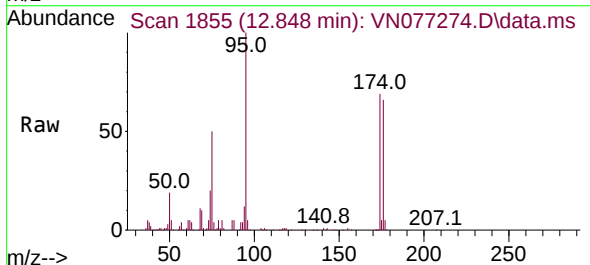
Manual Integrations
APPROVED

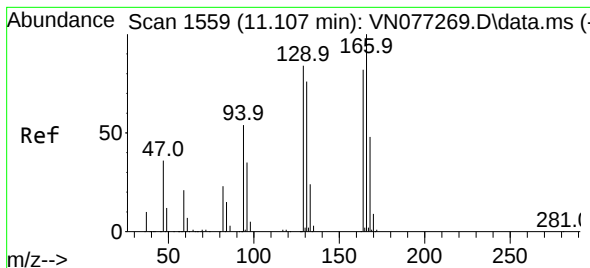
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#60
4-Bromofluorobenzene
Concen: 27.605 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

Tgt Ion: 95 Resp: 207556
Ion Ratio Lower Upper
95 100
174 71.3 64.2 96.4
176 71.5 61.4 92.0





#61

Tetrachloroethene

Concen: 5.336 ug/l

RT: 11.113 min Scan# 1560

Delta R.T. 0.006 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:164 Resp: 2799

Ion Ratio Lower Upper

164 100

166 117.0 96.2 144.2

129 79.2 78.2 117.4

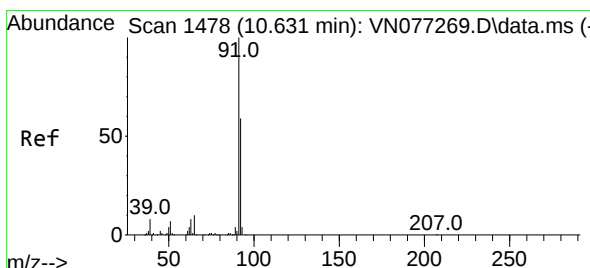
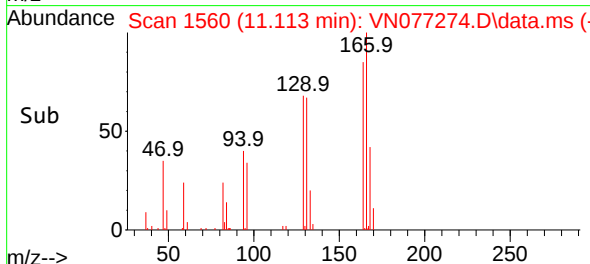
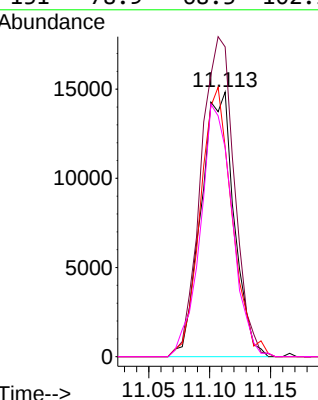
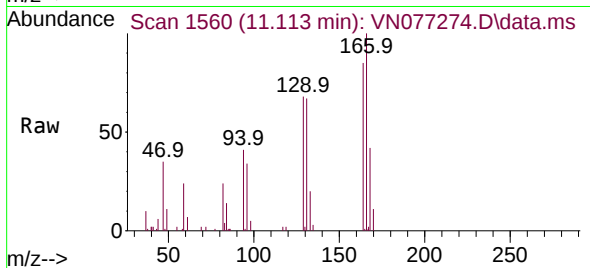
131 78.9 68.3 102.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#62

Toluene

Concen: 5.098 ug/l

RT: 10.636 min Scan# 1479

Delta R.T. 0.006 min

Lab File: VN077274.D

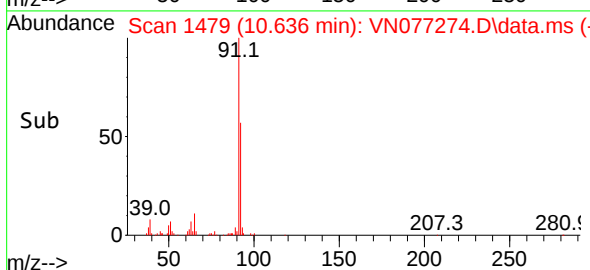
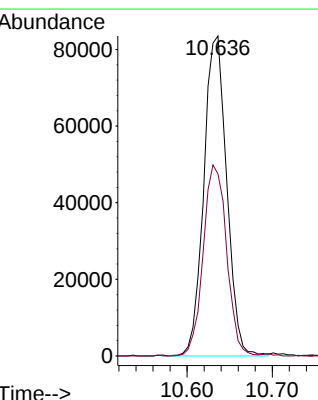
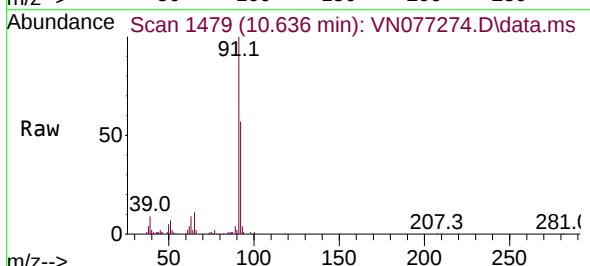
Acq: 07 Apr 2023 12:41

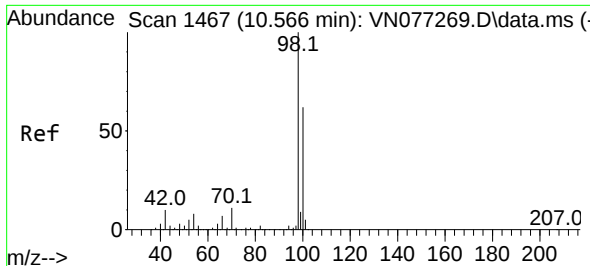
Tgt Ion: 91 Resp: 156523

Ion Ratio Lower Upper

91 100

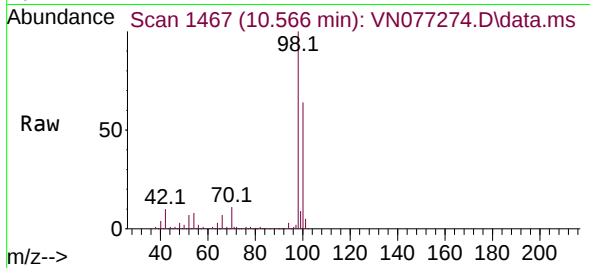
92 60.8 46.3 69.5





#63
Toluene-d8
Concen: 30.431 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

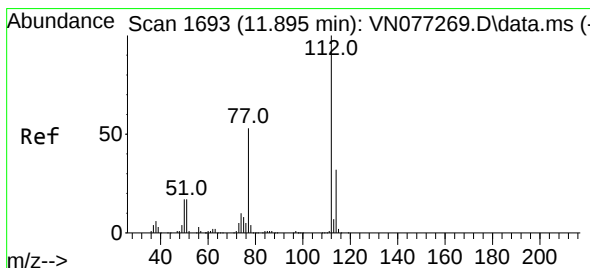
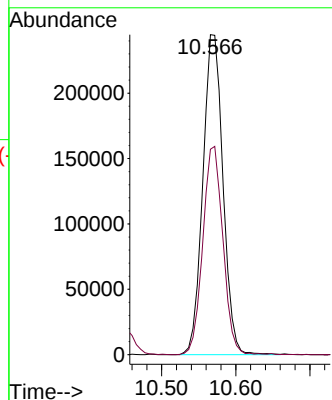
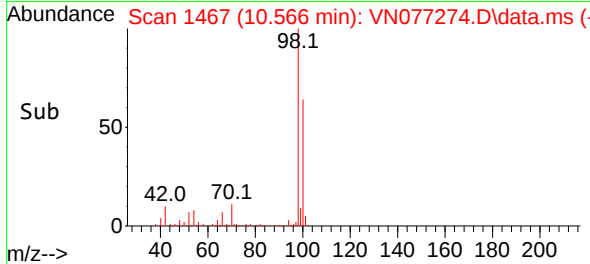
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 98 Resp: 462144
Ion Ratio Lower Upper
98 100
100 64.7 53.8 80.6

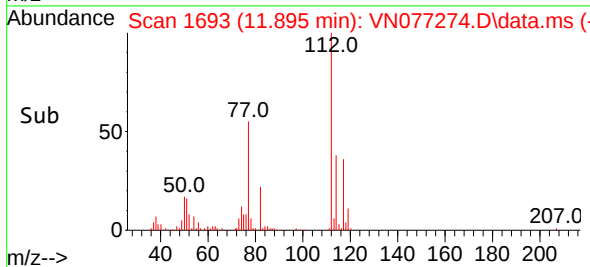
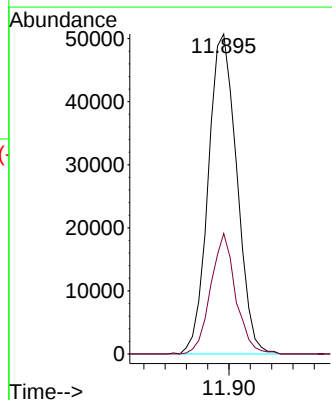
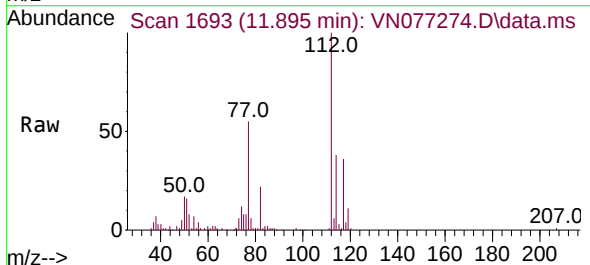
Manual Integrations
APPROVED

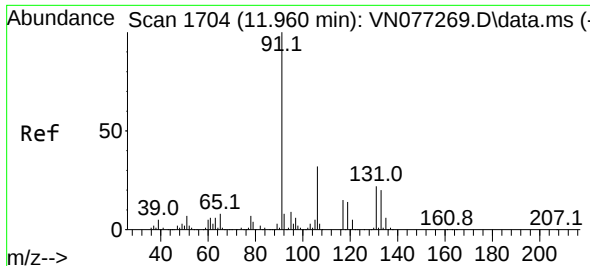
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#64
Chlorobenzene
Concen: 5.071 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

Tgt Ion:112 Resp: 94383
Ion Ratio Lower Upper
112 100
114 37.7 24.5 36.7#





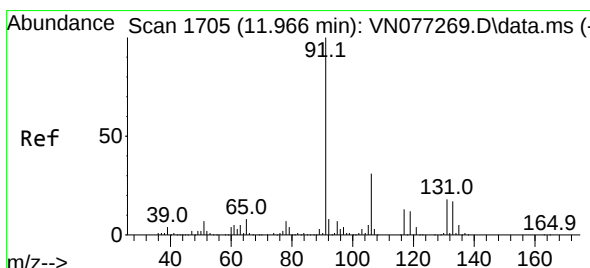
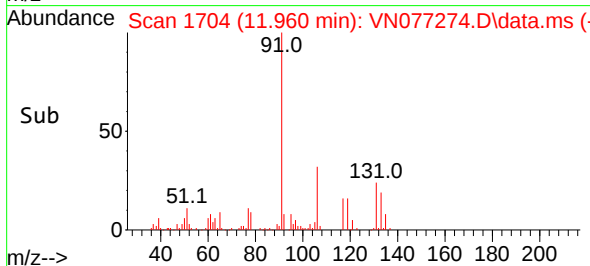
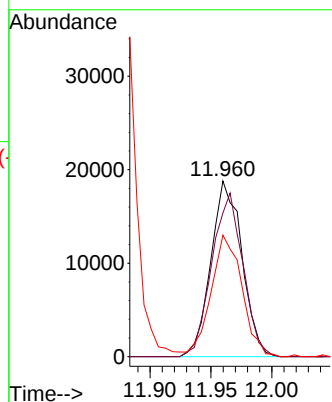
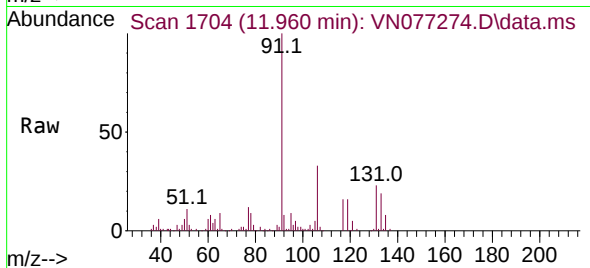
#65
1,1,1,2-Tetrachloroethane
Concen: 4.793 ug/l
RT: 11.960 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:131 Resp: 3332
Ion Ratio Lower Upper
131 100
133 93.3 0.0 197.6
119 69.1 0.0 127.8

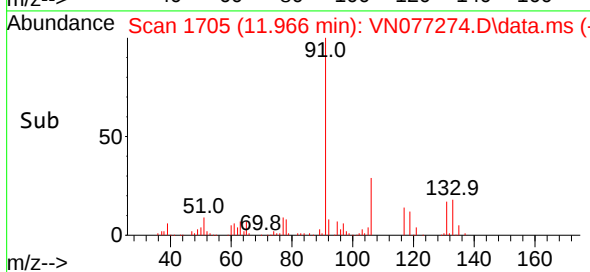
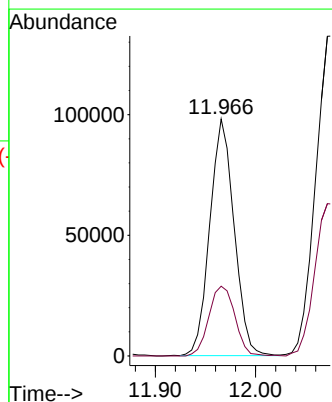
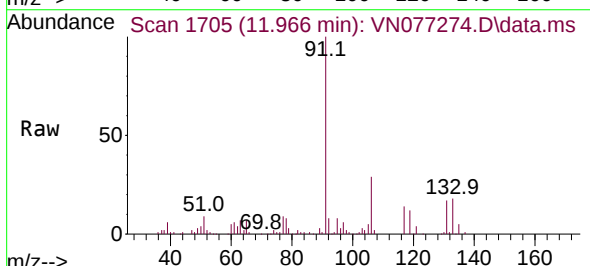
Manual Integrations
APPROVED

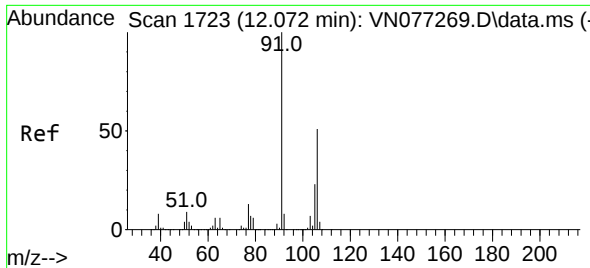
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#66
Ethyl Benzene
Concen: 4.842 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

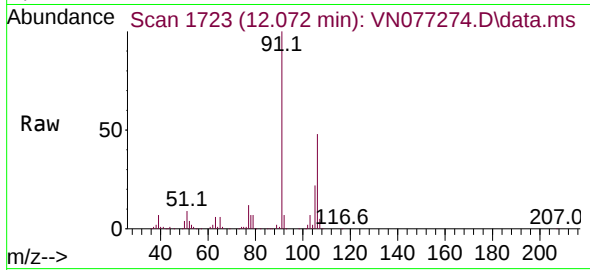
Tgt Ion: 91 Resp: 165251
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.8





#67
m/p-Xylenes
Concen: 9.817 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.001 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

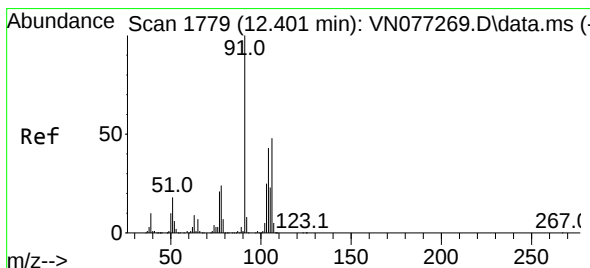
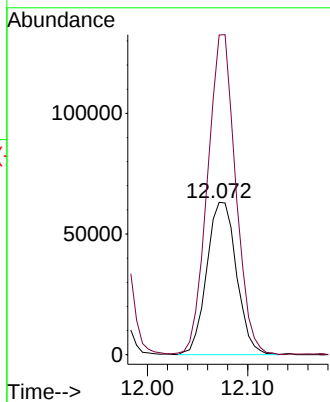
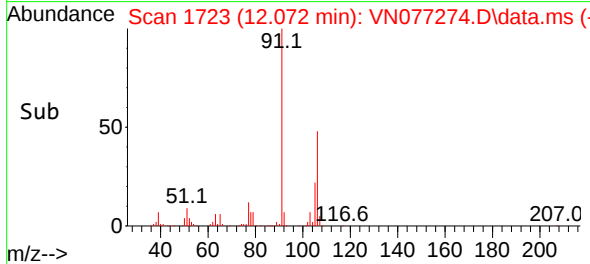
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



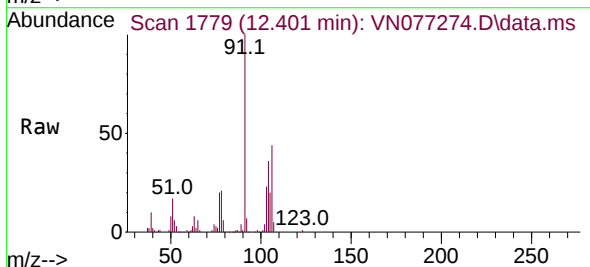
Tgt Ion:106 Resp: 13015
Ion Ratio Lower Upper
106 100
91 199.7 157.4 236.2

Manual Integrations
APPROVED

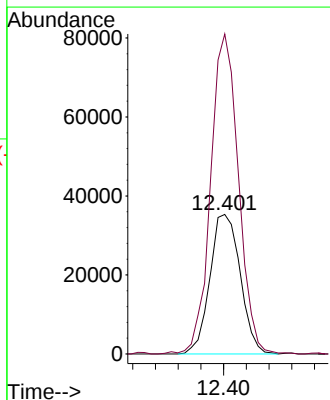
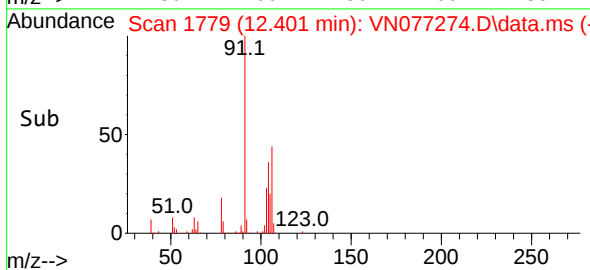
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

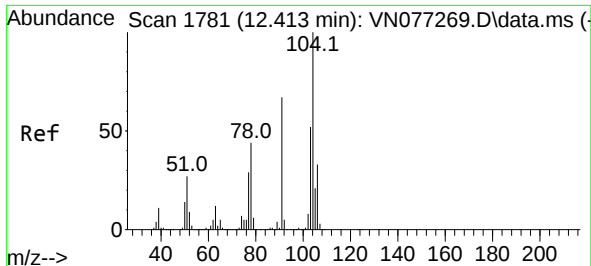


#68
o-Xylene
Concen: 4.943 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41



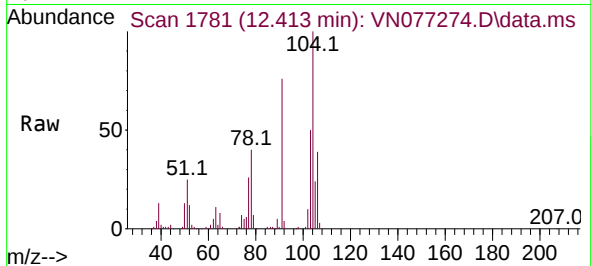
Tgt Ion:106 Resp: 65502
Ion Ratio Lower Upper
106 100
91 209.5 107.2 321.6





#69
Styrene
Concen: 4.825 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

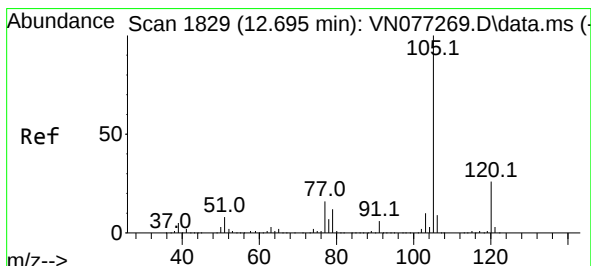
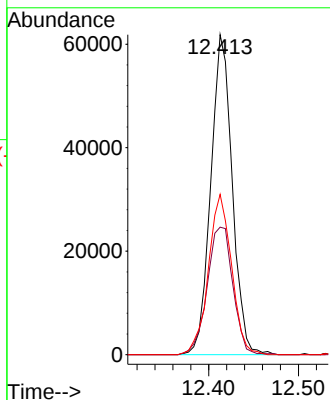
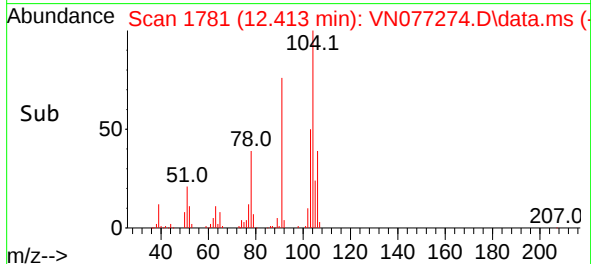
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



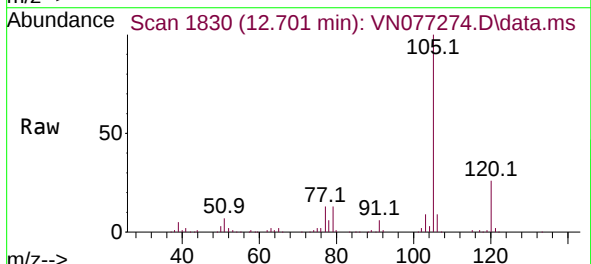
Tgt Ion:104 Resp: 102774
Ion Ratio Lower Upper
104 100
78 47.6 39.6 59.4
103 54.0 43.9 65.9

Manual Integrations
APPROVED

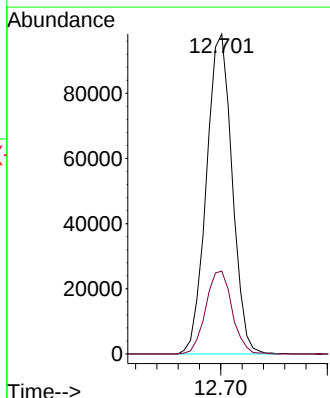
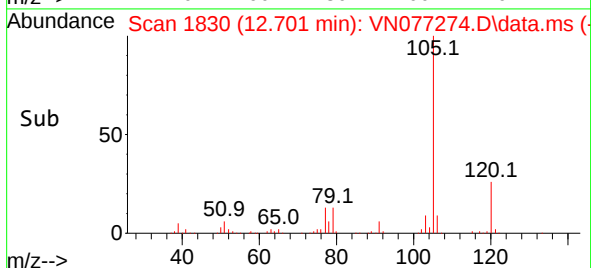
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

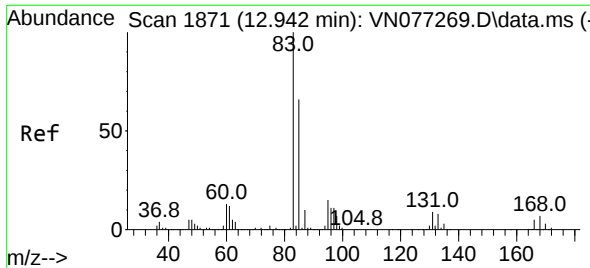


#70
Isopropylbenzene
Concen: 4.885 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41



Tgt Ion:105 Resp: 164588
Ion Ratio Lower Upper
105 100
120 26.4 19.0 35.2





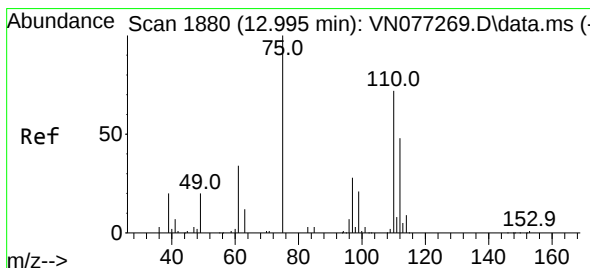
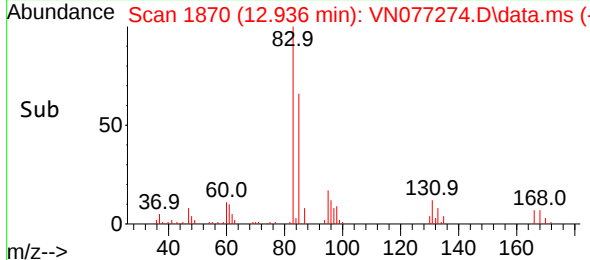
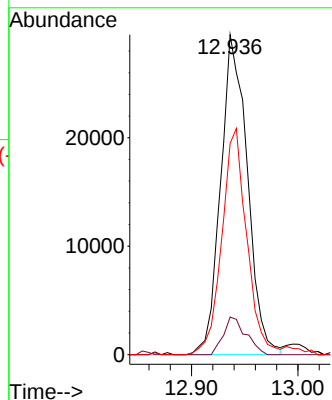
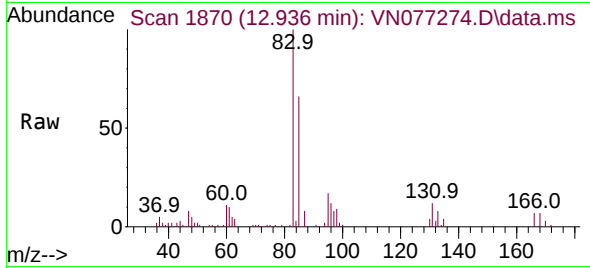
#71
1,1,2,2-Tetrachloroethane
Concen: 4.983 ug/l
RT: 12.936 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 51388
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 66.0 32.3 96.9

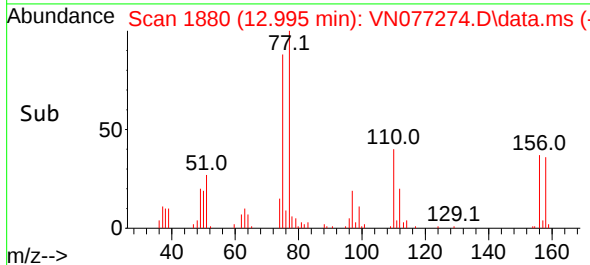
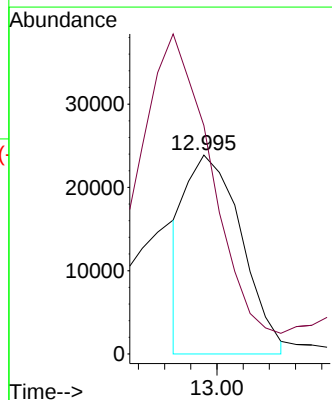
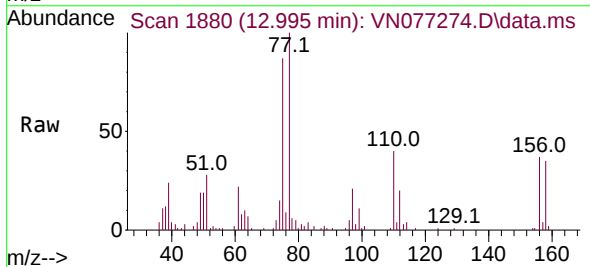
Manual Integrations
APPROVED

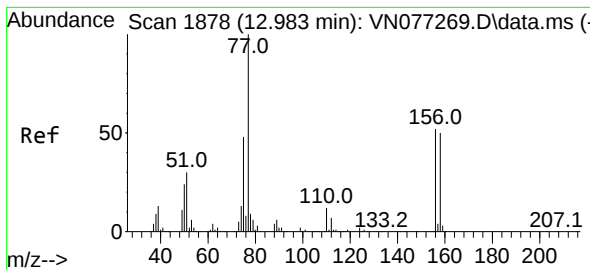
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#72
1,2,3-Trichloropropane
Concen: 4.832 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

Tgt Ion: 75 Resp: 35334
Ion Ratio Lower Upper
75 100
77 221.1 0.0 332.6





#73

Bromobenzene

Concen: 4.728 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

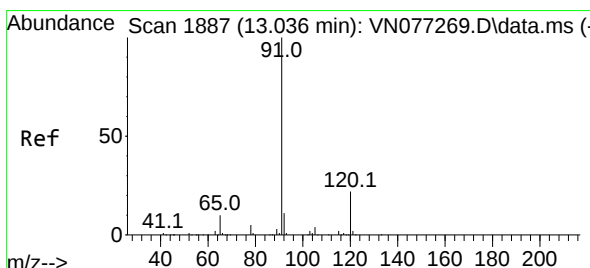
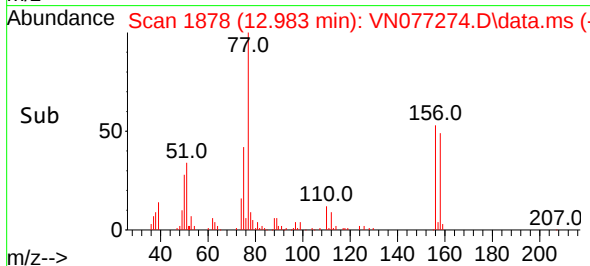
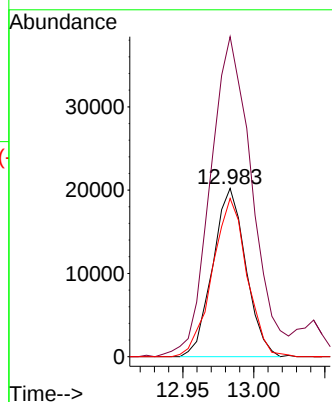
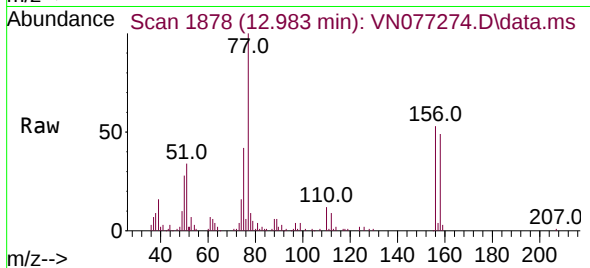
Tgt Ion:	156	Resp:	32650
Ion Ratio	Lower	Upper	
156	100		
77	239.2	0.0	423.0
158	98.2	0.0	188.6

Manual Integrations

APPROVED

Reviewed By :John Carbone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#74

n-propylbenzene

Concen: 4.569 ug/l

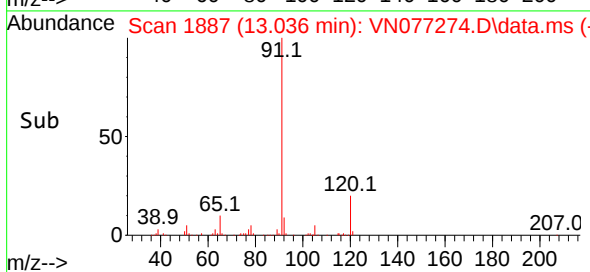
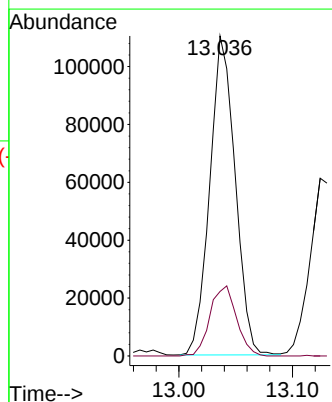
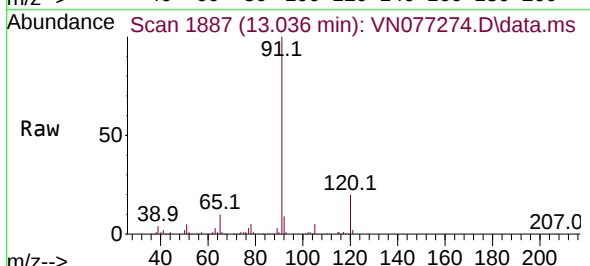
RT: 13.036 min Scan# 1887

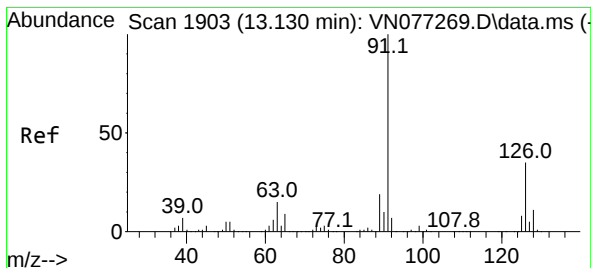
Delta R.T. 0.000 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

Tgt Ion:	91	Resp:	171020
Ion Ratio	Lower	Upper	
91	100		
120	22.9	0.0	44.0





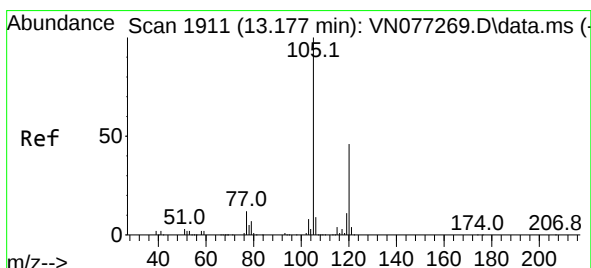
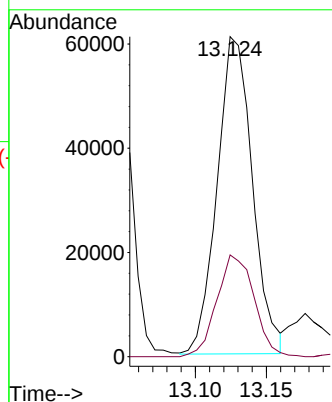
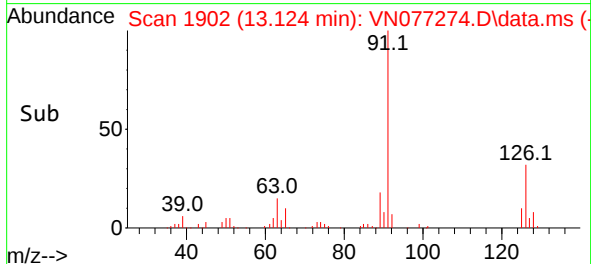
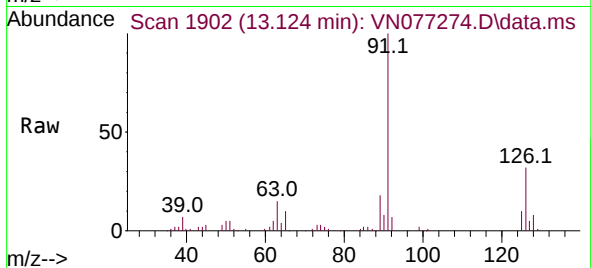
#75
2-Chlorotoluene
Concen: 4.719 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 105334
Ion Ratio Lower Upper
91 100
126 33.8 0.0 66.4

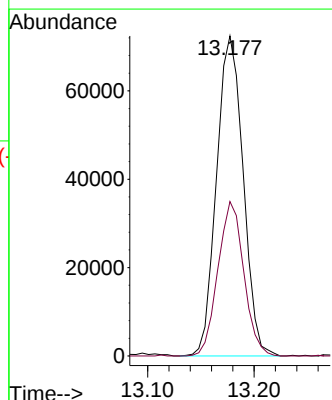
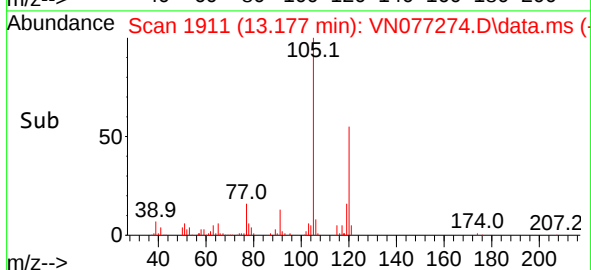
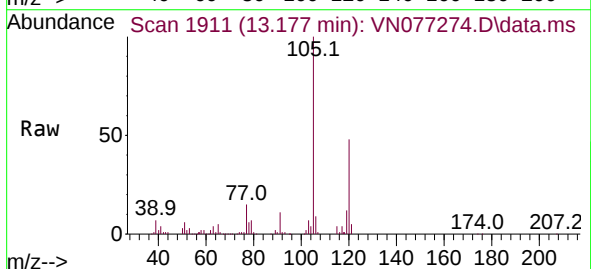
Manual Integrations
APPROVED

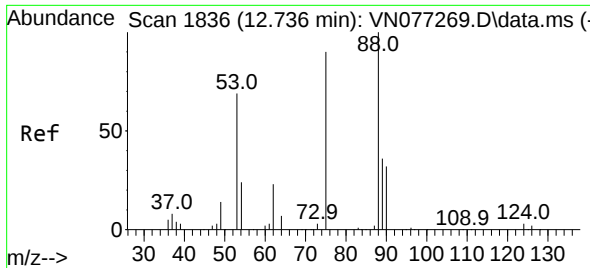
Reviewed By :John Carbone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#76
1,3,5-Trimethylbenzene
Concen: 4.560 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

Tgt Ion:105 Resp: 125504
Ion Ratio Lower Upper
105 100
120 46.9 0.0 103.2





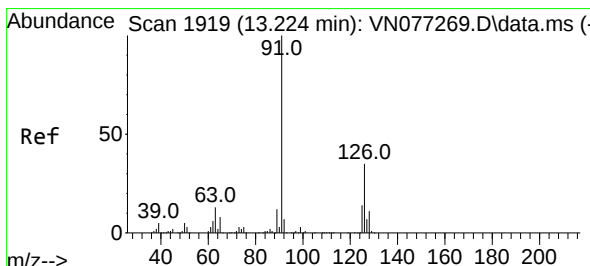
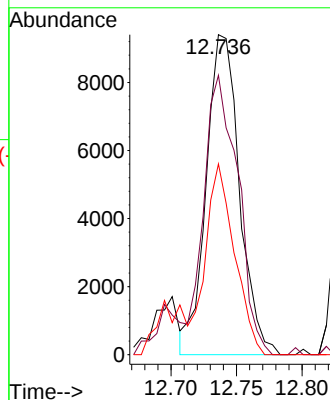
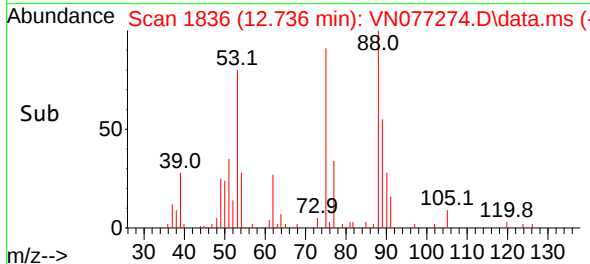
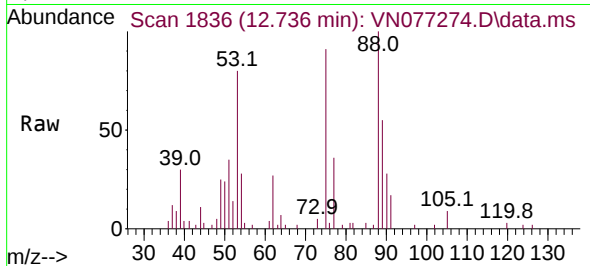
#77
t-1,4-Dichloro-2-butene
Concen: 4.586 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 16612
Ion Ratio Lower Upper
75 100
53 87.3 50.4 151.3
89 59.6 22.1 66.5

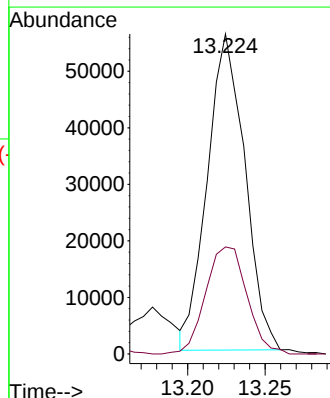
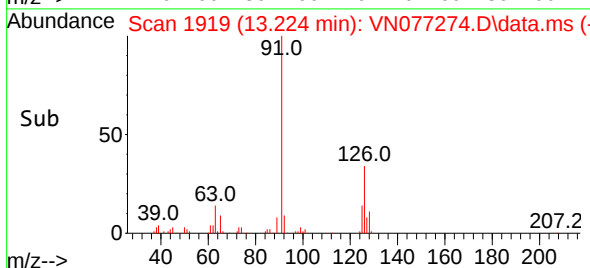
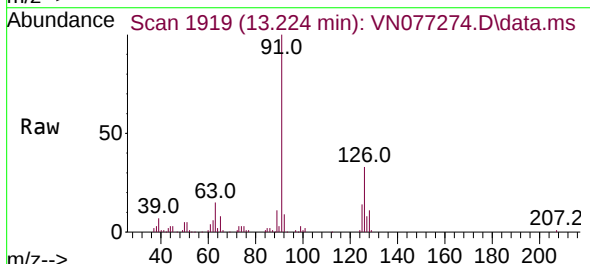
Manual Integrations
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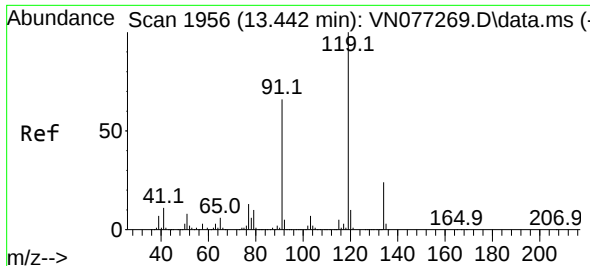
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#78
4-Chlorotoluene
Concen: 4.442 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

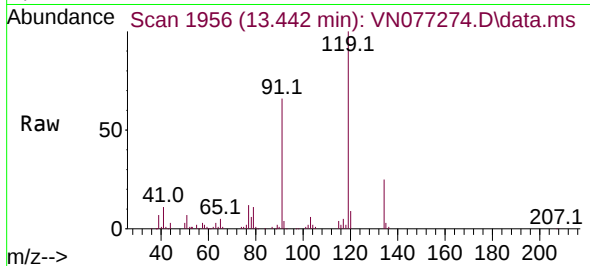
Tgt Ion: 91 Resp: 93995
Ion Ratio Lower Upper
91 100
126 37.3 0.0 70.6





#79
tert-butylbenzene
Concen: 4.760 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

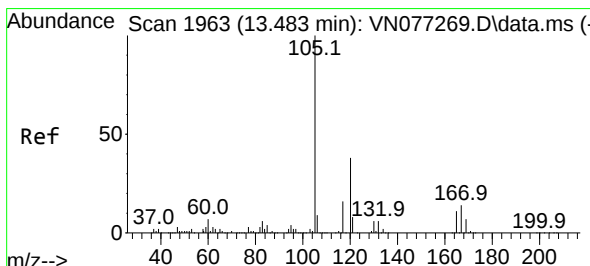
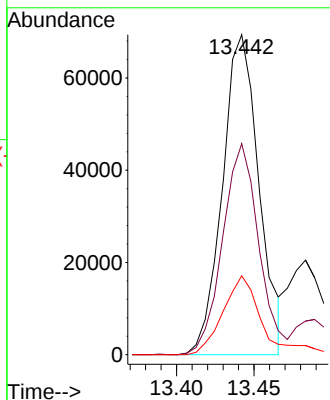
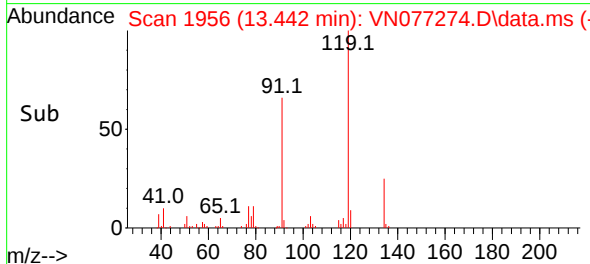
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:119 Resp: 11399
Ion Ratio Lower Upper
119 100
91 65.3 0.0 129.6
134 24.8 0.0 47.8

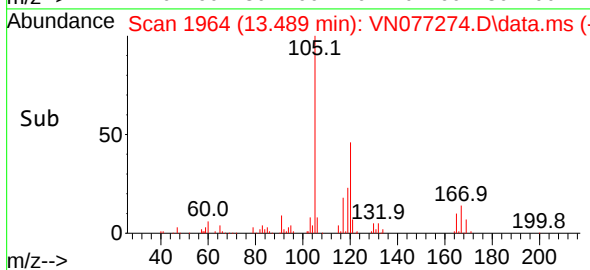
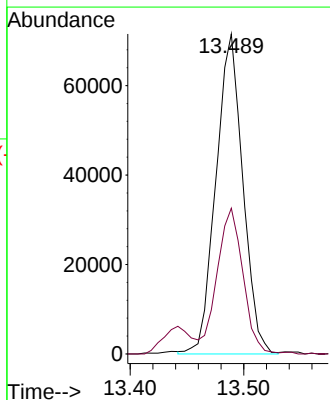
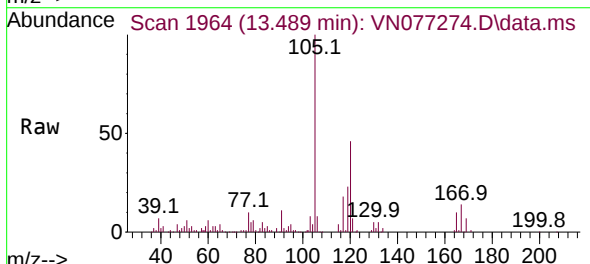
Manual Integrations
APPROVED

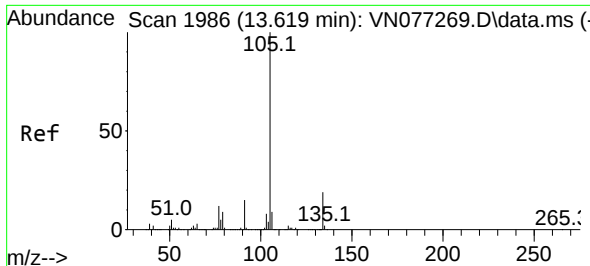
Reviewed By :John Carbone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#80
1,2,4-Trimethylbenzene
Concen: 4.392 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

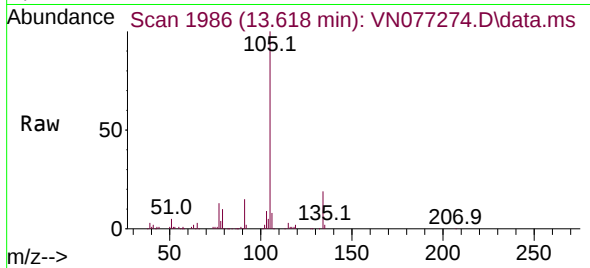
Tgt Ion:105 Resp: 117577
Ion Ratio Lower Upper
105 100
120 43.7 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 4.455 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077274.D
 Acq: 07 Apr 2023 12:41

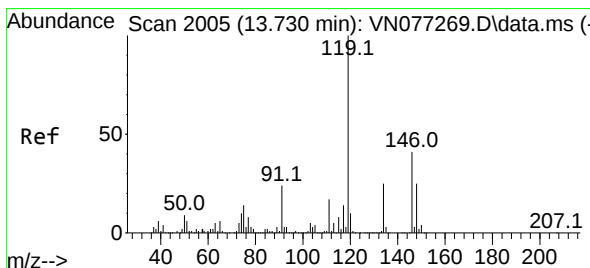
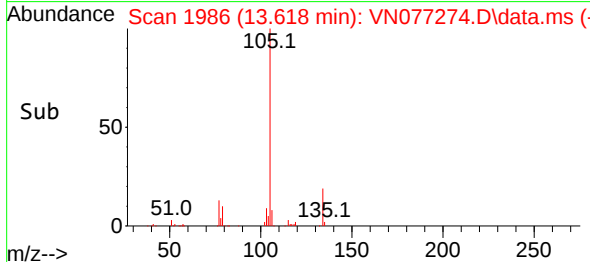
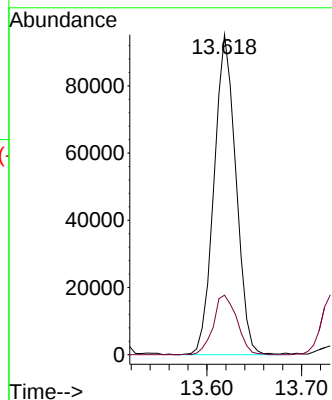
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:105 Resp: 152718
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 39.4

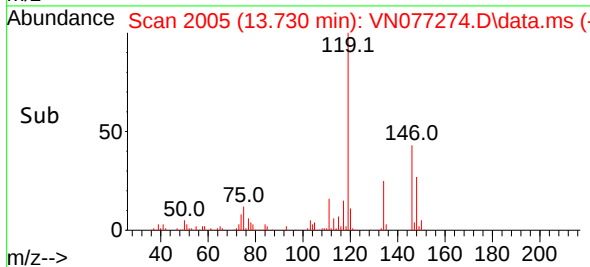
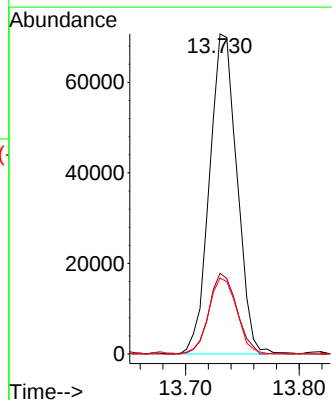
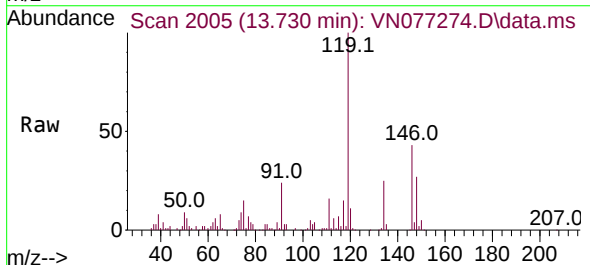
Manual Integrations
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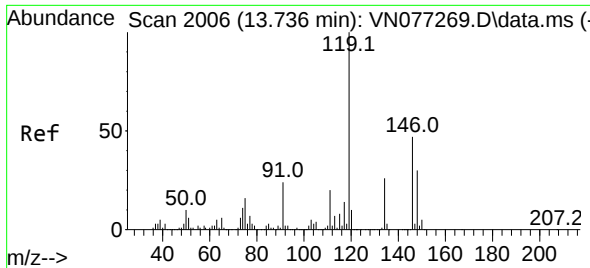
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023



#82
 p-Isopropyltoluene
 Concen: 4.335 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077274.D
 Acq: 07 Apr 2023 12:41

Tgt Ion:119 Resp: 119105
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 53.4
 91 24.3 0.0 47.2





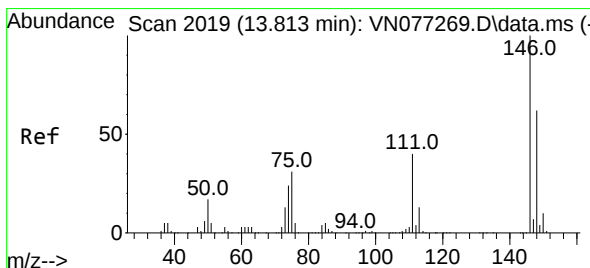
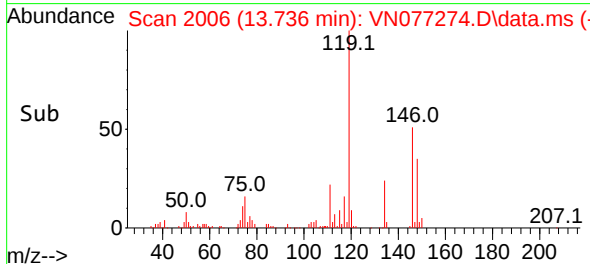
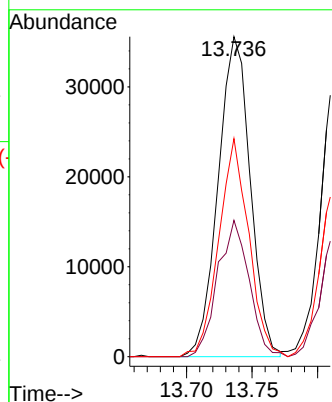
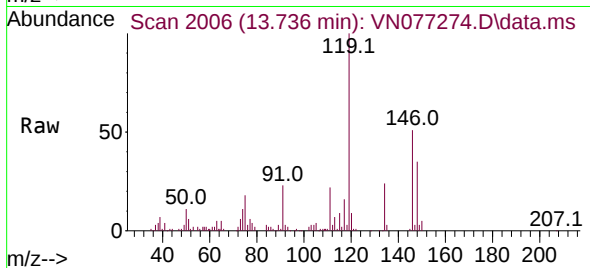
#83
 1,3-Dichlorobenzene
 Concen: 4.690 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077274.D
 Acq: 07 Apr 2023 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:146 Resp: 60597
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.3 60.8
 148 63.7 31.9 95.5

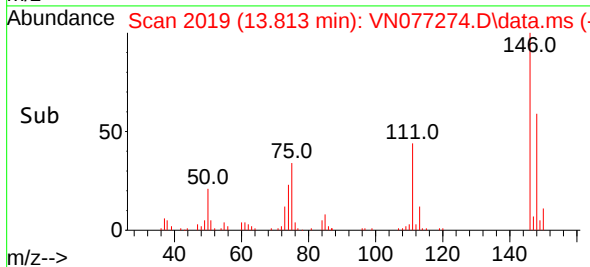
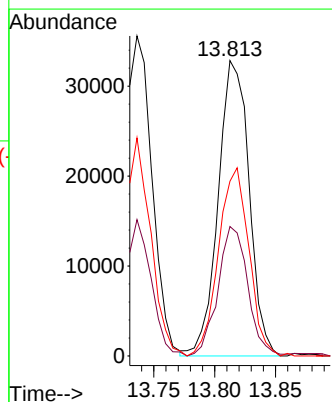
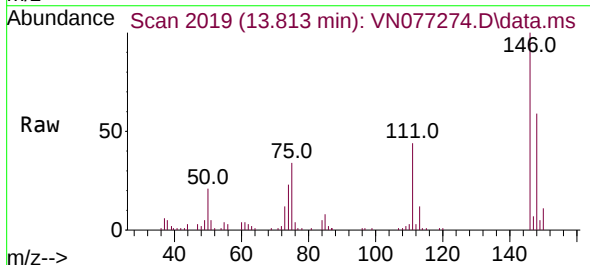
Manual Integrations
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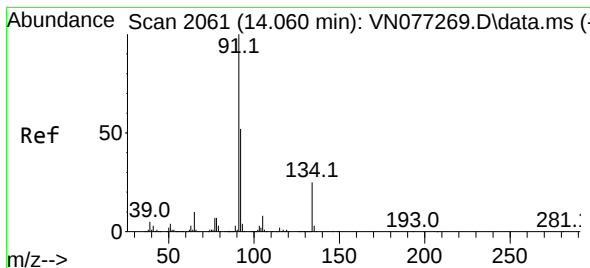
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023



#84
 1,4-Dichlorobenzene
 Concen: 4.641 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077274.D
 Acq: 07 Apr 2023 12:41

Tgt Ion:146 Resp: 58067
 Ion Ratio Lower Upper
 146 100
 111 42.2 18.2 54.6
 148 62.6 31.1 93.2





#85

n-Butylbenzene

Concen: 4.042 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

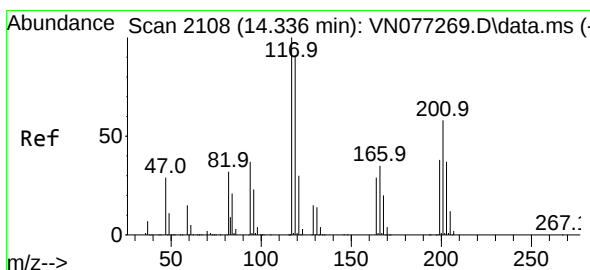
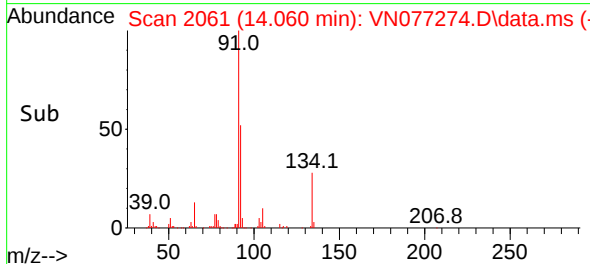
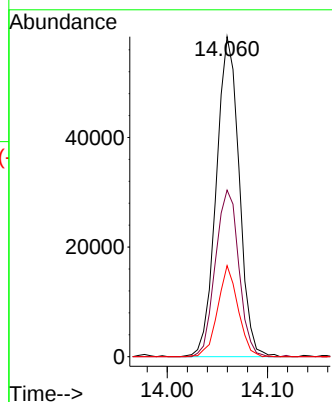
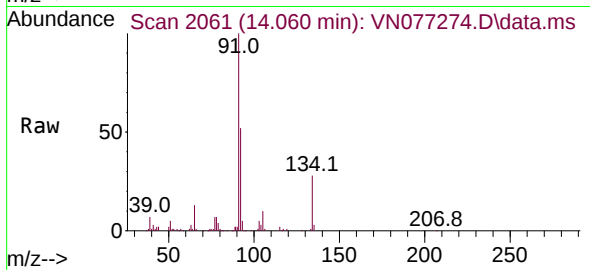
Tgt Ion: 91	Resp: 92510
Ion Ratio	Lower Upper
91 100	
92 53.0	0.0 103.2
134 25.3	0.0 50.0

Manual Integrations

APPROVED

Reviewed By :John Carbone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#86

Hexachloroethane

Concen: 4.834 ug/l

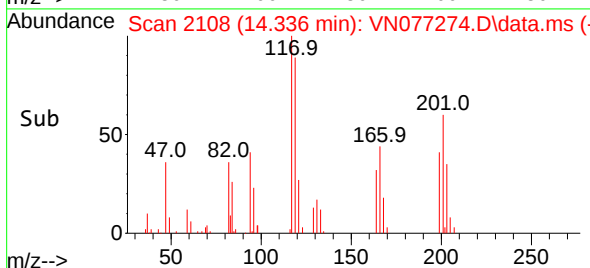
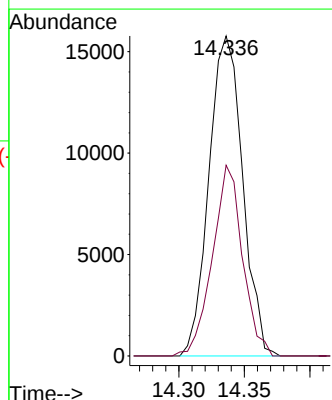
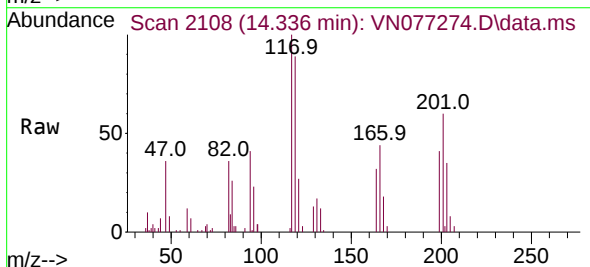
RT: 14.336 min Scan# 2108

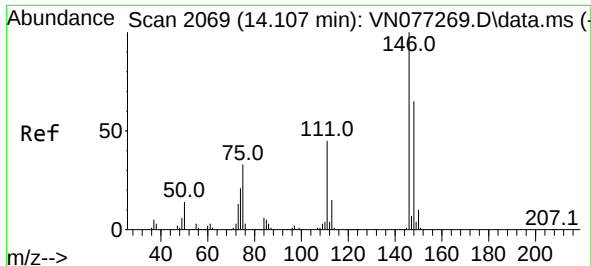
Delta R.T. 0.000 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

Tgt Ion: 117	Resp: 28195
Ion Ratio	Lower Upper
117 100	
201 53.2	32.2 96.6





#87

1,2-Dichlorobenzene

Concen: 4.597 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

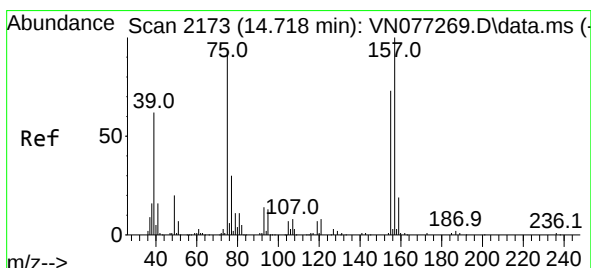
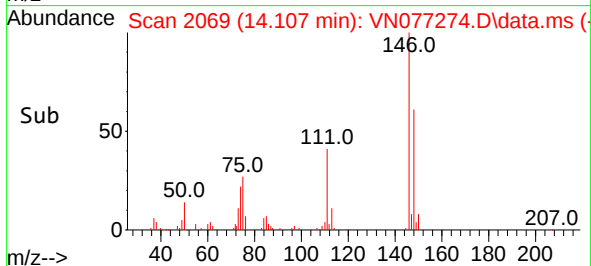
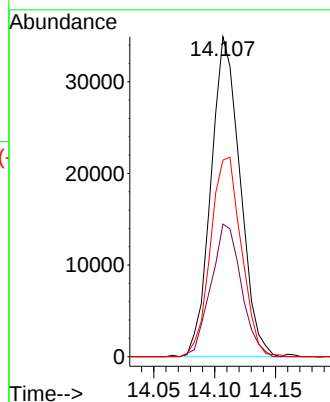
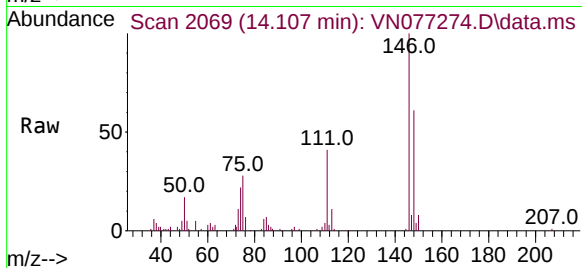
Tgt Ion:	146	Resp:	5813
Ion Ratio	Lower	Upper	
146	100		
111	43.2	20.5	61.6
148	65.8	32.5	97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 5.381 ug/l

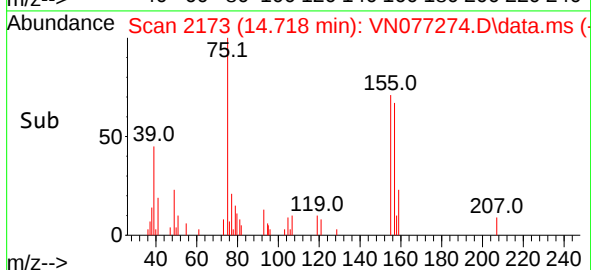
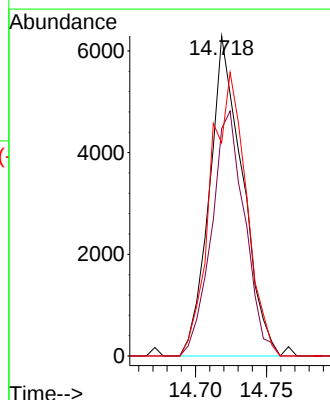
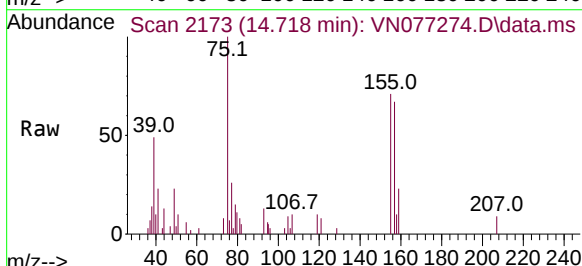
RT: 14.718 min Scan# 2173

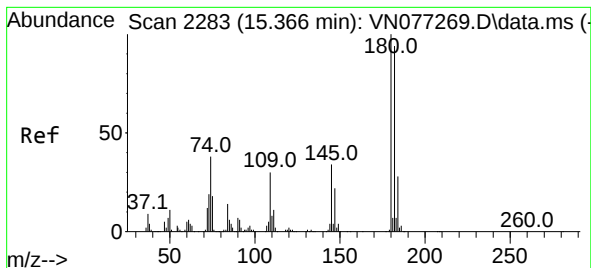
Delta R.T. -0.006 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

Tgt Ion:	75	Resp:	10160
Ion Ratio	Lower	Upper	
75	100		
155	77.1	62.5	93.7
157	96.1	77.5	116.3





#89

1,2,4-Trichlorobenzene

Concen: 3.917 ug/l

RT: 15.365 min Scan# 21

Delta R.T. -0.030 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

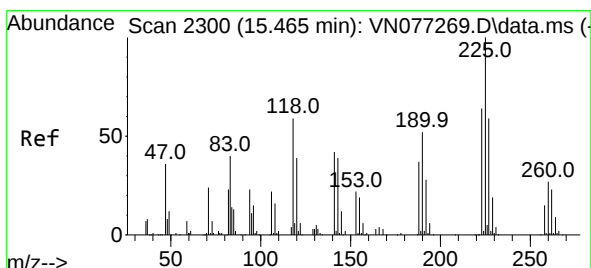
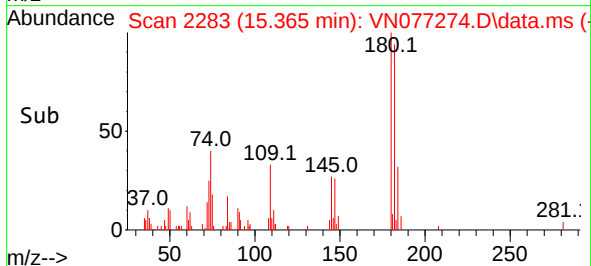
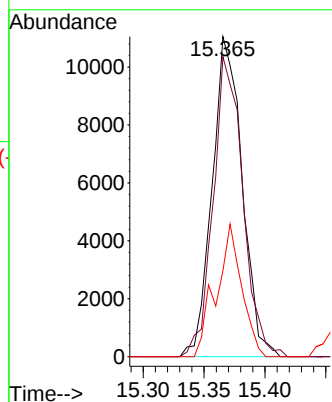
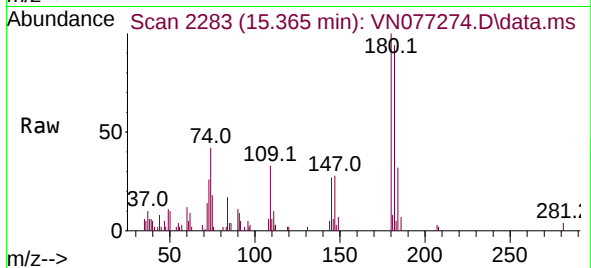
Tgt Ion:	180	Resp:	1890
Ion Ratio	Lower	Upper	
180	100		
182	92.6	76.6	115.0
145	35.4	24.6	36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#90

Hexachlorobutadiene

Concen: 4.159 ug/l

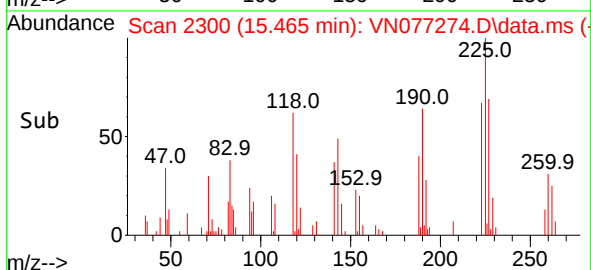
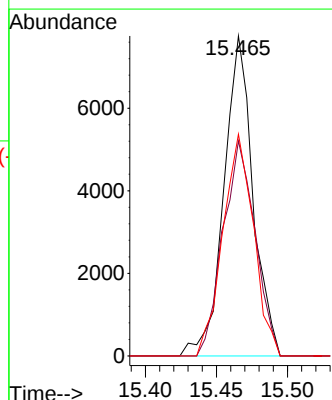
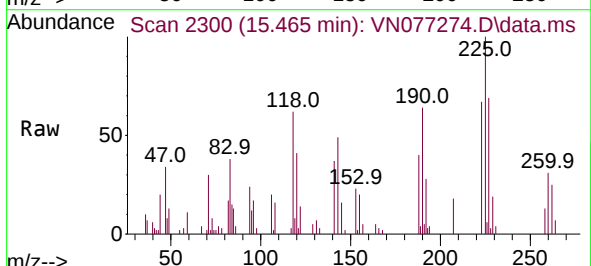
RT: 15.465 min Scan# 2300

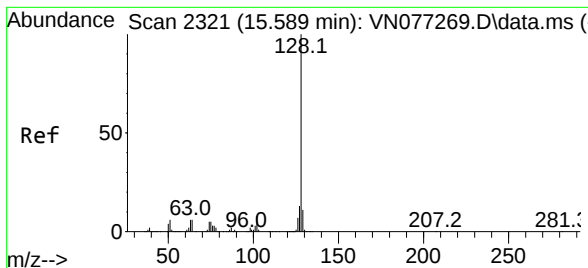
Delta R.T. -0.036 min

Lab File: VN077274.D

Acq: 07 Apr 2023 12:41

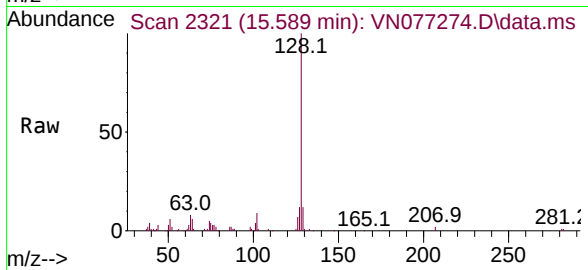
Tgt Ion:	225	Resp:	10999
Ion Ratio	Lower	Upper	
225	100		
223	74.5	0.0	135.4
227	73.4	0.0	129.4





#91
Naphthalene
Concen: 3.917 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.053 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41

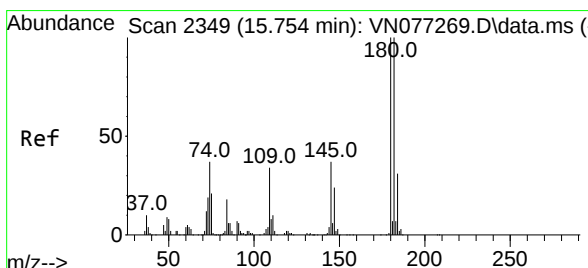
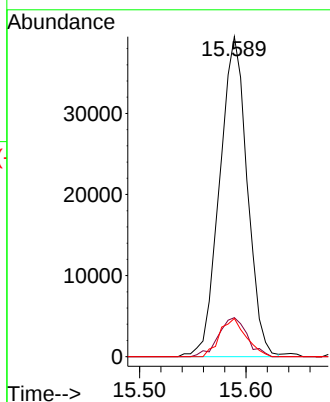
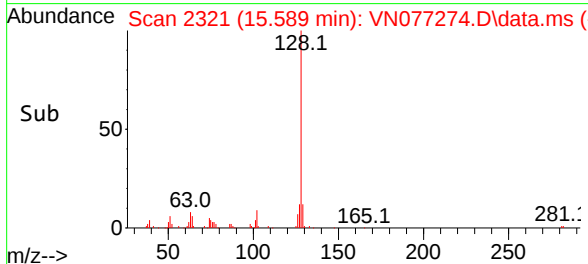
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



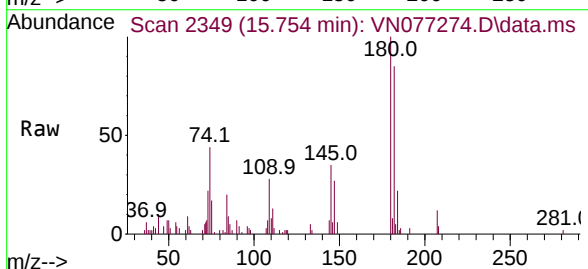
Tgt Ion:128 Resp: 71059
Ion Ratio Lower Upper
128 100
127 12.6 11.0 16.6
129 11.4 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#92
1,2,3-Trichlorobenzene
Concen: 4.233 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.088 min
Lab File: VN077274.D
Acq: 07 Apr 2023 12:41



Tgt Ion:180 Resp: 19773
Ion Ratio Lower Upper
180 100
182 81.1 0.0 190.8
145 37.8 0.0 65.0

