

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077276.D
 Acq On : 07 Apr 2023 13:46
 Operator : JC\MD
 Sample : VN0407WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBS01

Quant Time: Apr 08 05:18:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 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	53493	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	393388	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	434522	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	138780	30.590	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.967%			
60) 4-Bromofluorobenzene	12.854	95	226143	30.098	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.333%			
63) Toluene-d8	10.572	98	458801	30.035	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.133%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	97767	19.225	ug/l	93
3) Chloromethane	2.372	50	124945	18.493	ug/l	100
4) Vinyl Chloride	2.519	62	178473	18.443	ug/l	99
5) Bromomethane	2.960	94	133597	18.321	ug/l	93
6) Chloroethane	3.125	64	118883	18.328	ug/l	95
7) Trichlorofluoromethane	3.502	101	160674	17.832	ug/l	94
8) Diethyl Ether	3.972	74	76846	20.009	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.378	101	103700	18.404	ug/l	88
10) 1,1-Dichloroethene	4.349	96	104317	18.507	ug/l	94
11) Methyl Iodide	4.601	142	119637	18.787	ug/l	98
12) Methyl Acetate	5.031	43	159686	19.015	ug/l	98
13) Acrolein	4.184	56	98296	94.298	ug/l	97
14) Acrylonitrile	5.725	53	277461	96.657	ug/l #	87
15) Acetone	4.443	58	88582	85.060	ug/l	97
16) Carbon Disulfide	4.719	76	264310	17.765	ug/l	100
17) Allyl chloride	5.037	41	125775	17.334	ug/l	97
18) Methylene Chloride	5.290	84	122166	18.663	ug/l	97
19) trans-1,2-Dichloroethene	5.790	96	114728	18.719	ug/l	97
20) Diisopropyl ether	6.678	45	307486	17.780	ug/l	98
21) 1,1-Dichloroethane	6.572	63	206441	18.833	ug/l	100
22) cis-1,2-Dichloroethene	7.495	96	137602	18.417	ug/l	98
23) tert-Butyl Alcohol	5.543	59	122844m	96.242	ug/l	
24) Methyl tert-Butyl Ether	5.807	73	396232m	19.526	ug/l	
25) Chloroform	7.972	83	218335	18.379	ug/l	97
26) Cyclohexane	8.260	56	171837	18.041	ug/l #	97
29) 1,1-Dichloropropene	8.378	75	162659	19.087	ug/l	99
30) 2-Butanone	7.489	43	377073	93.569	ug/l	99
31) 2,2-Dichloropropane	7.495	77	195839	18.720	ug/l	100
32) 1,1,1-Trichloroethane	8.178	97	196387	18.726	ug/l	98
33) Carbon Tetrachloride	8.366	117	167356	18.697	ug/l	89
34) Benzene	8.613	78	514283	19.504	ug/l	96
35) Methacrylonitrile	7.784	41	78982	20.805	ug/l	93
36) 1,2-Dichloroethane	8.678	62	161663	19.555	ug/l	98
37) Trichloroethene	9.360	130	121069	18.772	ug/l	94
38) Methylcyclohexane	9.607	83	222910	19.286	ug/l	99
39) 1,2-Dichloropropane	9.625	63	128291	19.599	ug/l	98
40) Dibromomethane	9.713	93	92733	19.662	ug/l	99
41) Bromodichloromethane	9.889	83	185918	19.769	ug/l	99
42) Vinyl Acetate	6.613	43	1108913	95.077	ug/l #	100

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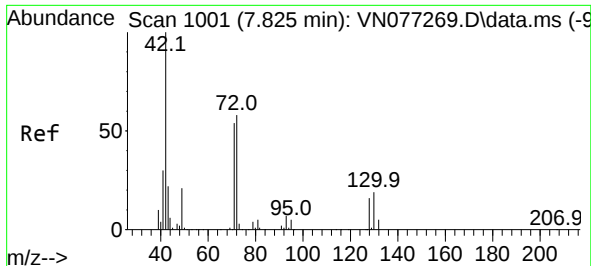
Manual Integrations
 APPROVED

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

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	142255	19.080	ug/l	97
44) Isopropyl Acetate	8.695	43	265286	19.873	ug/l #	100
45) 1,4-Dioxane	9.701	88	54797	389.217	ug/l	99
46) Methyl methacrylate	9.678	41	98696	17.172	ug/l	92
47) n-amyl Acetate	12.495	43	226826	19.443	ug/l	100
48) t-1,3-Dichloropropene	10.836	75	208199	19.781	ug/l	100
49) cis-1,3-Dichloropropene	10.313	75	219884	19.638	ug/l	95
50) 1,1,2-Trichloroethane	11.019	97	134805	19.678	ug/l	99
51) Ethyl methacrylate	10.878	69	209684	19.932	ug/l	98
52) 1,3-Dichloropropane	11.166	76	227491	19.897	ug/l	100
53) Dibromochloromethane	11.360	129	141988	19.665	ug/l	100
54) 1,2-Dibromoethane	11.472	107	132950	19.332	ug/l	97
55) 2-Chloroethyl vinyl ether	10.160	63	287994	88.667	ug/l	99
56) Bromoform	12.583	173	90008	18.558	ug/l	96
58) 4-Methyl-2-Pentanone	10.448	43	786049	96.617	ug/l	99
59) 2-Hexanone	11.195	43	587162	93.369	ug/l	100
61) Tetrachloroethene	11.107	164	98722	19.102	ug/l	97
62) Toluene	10.630	91	585402	19.309	ug/l	100
64) Chlorobenzene	11.895	112	351007	19.057	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.966	131	128173	18.924	ug/l	98
66) Ethyl Benzene	11.966	91	637837	18.990	ug/l	97
67) m/p-Xylenes	12.072	106	500823	38.041	ug/l	99
68) o-Xylene	12.401	106	251191	19.072	ug/l	100
69) Styrene	12.413	104	402838	19.090	ug/l	98
70) Isopropylbenzene	12.695	105	642611	19.225	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.942	83	200105	19.549	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	169235m	24.322	ug/l	
73) Bromobenzene	12.983	156	131916	19.425	ug/l	97
74) n-propylbenzene	13.036	91	710598	19.214	ug/l	100
75) 2-Chlorotoluene	13.130	91	425682	19.213	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	524707	19.287	ug/l	100
77) t-1,4-Dichloro-2-butene	12.736	75	66728	18.828	ug/l	97
78) 4-Chlorotoluene	13.224	91	398468	19.034	ug/l	100
79) tert-butylbenzene	13.442	119	447563	18.903	ug/l	99
80) 1,2,4-Trimethylbenzene	13.483	105	504374	19.018	ug/l	99
81) sec-Butylbenzene	13.618	105	652537	19.297	ug/l	100
82) p-Isopropyltoluene	13.730	119	521518	19.250	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	243682	18.925	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	239363	19.161	ug/l	99
85) n-Butylbenzene	14.060	91	424748	18.973	ug/l	99
86) Hexachloroethane	14.336	117	107752	18.698	ug/l	98
87) 1,2-Dichlorobenzene	14.107	146	244453	19.376	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.718	75	36511	18.614	ug/l	96
89) 1,2,4-Trichlorobenzene	15.365	180	89836	18.102	ug/l	96
90) Hexachlorobutadiene	15.465	225	46382	18.223	ug/l	95
91) Naphthalene	15.589	128	340038	17.935	ug/l	100
92) 1,2,3-Trichlorobenzene	15.760	180	85306	17.617	ug/l	98

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



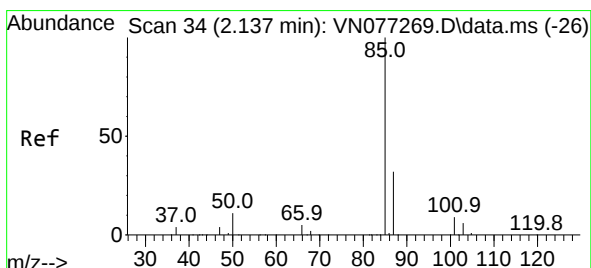
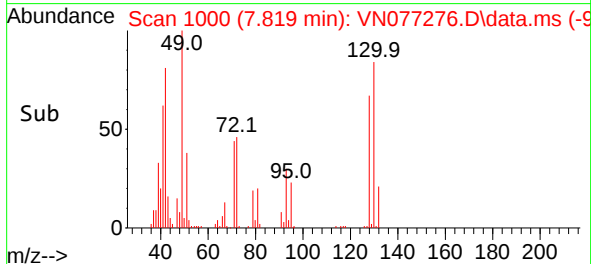
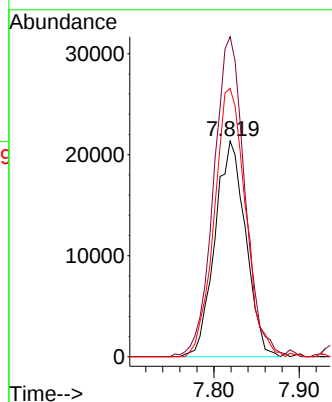
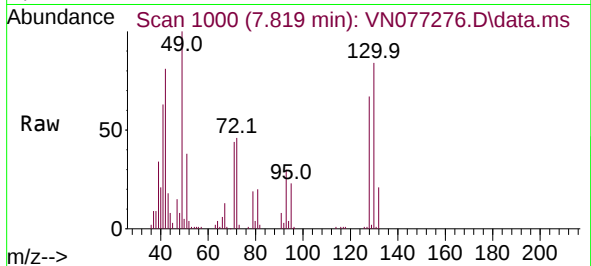
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01

Tgt Ion:128 Resp: 5349
Ion Ratio Lower Upper
128 100
49 150.0 0.0 379.5
130 126.9 0.0 322.8

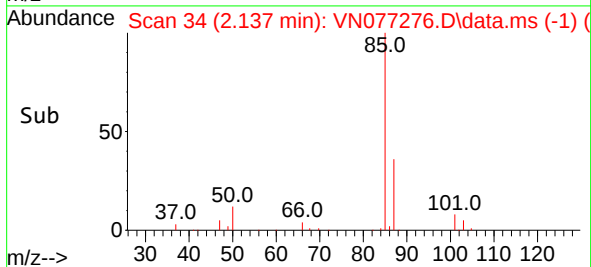
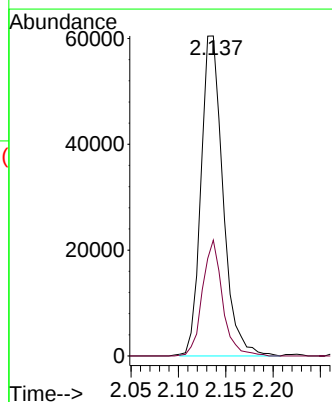
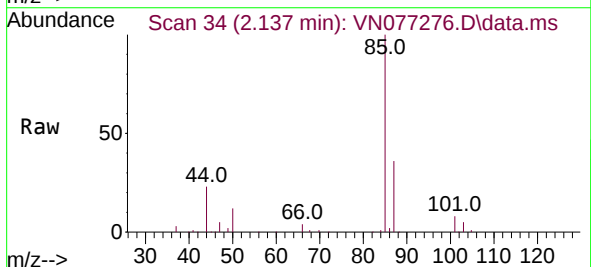
Manual Integrations
APPROVED

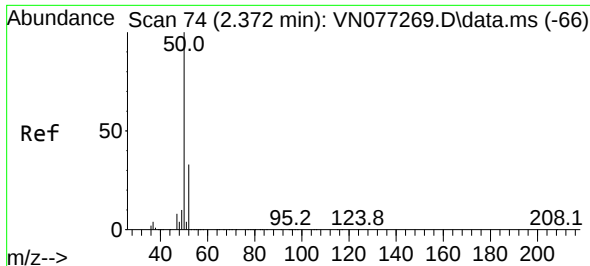
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#2
Dichlorodifluoromethane
Concen: 19.225 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

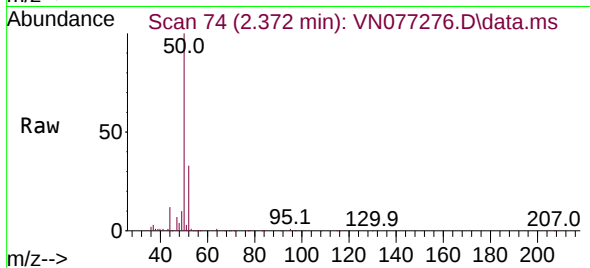
Tgt Ion: 85 Resp: 97767
Ion Ratio Lower Upper
85 100
87 36.2 16.2 48.6





#3
Chloromethane
Concen: 18.493 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

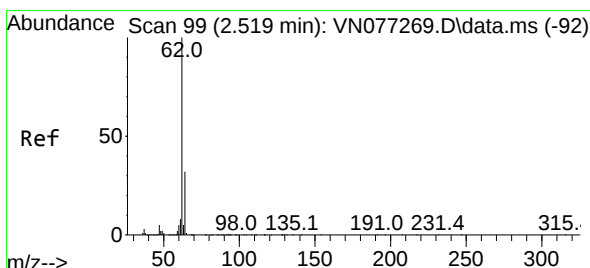
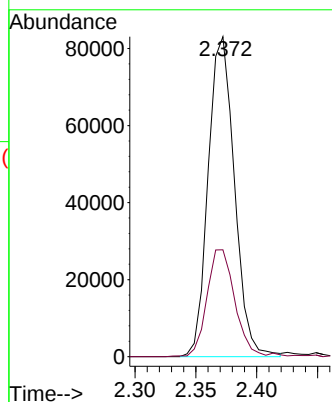
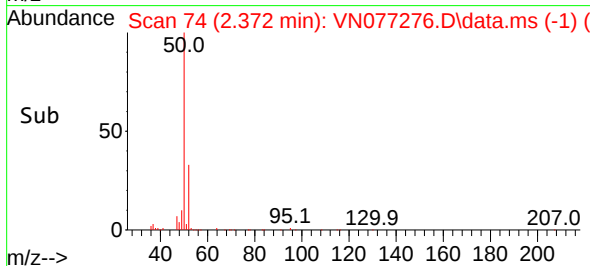
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



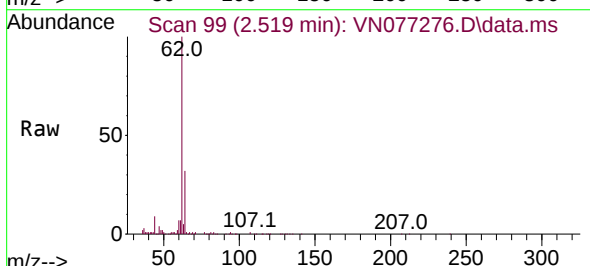
Tgt Ion: 50 Resp: 124945
Ion Ratio Lower Upper
50 100
52 33.2 26.4 39.6

Manual Integrations
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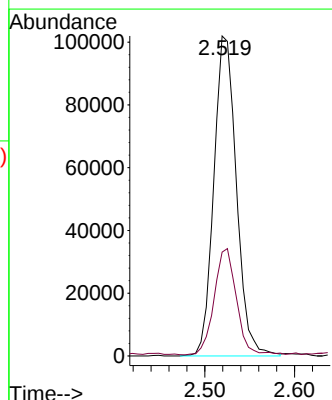
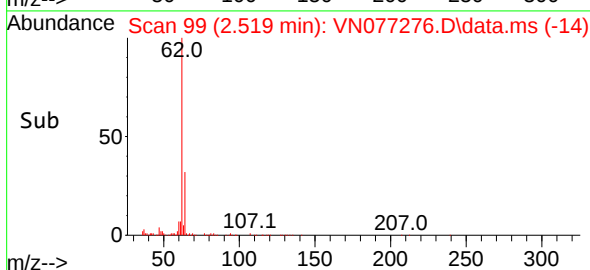
Reviewed By :John Carlone 04/10/2023
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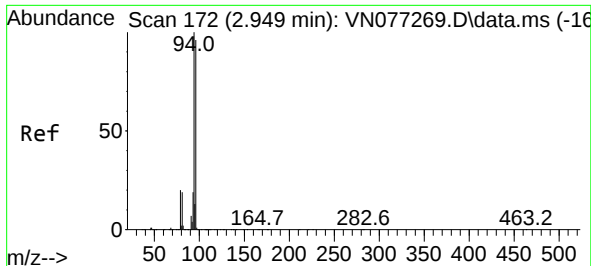


#4
Vinyl Chloride
Concen: 18.443 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46



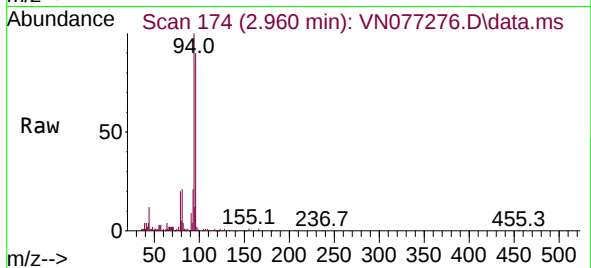
Tgt Ion: 62 Resp: 178473
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 18.321 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

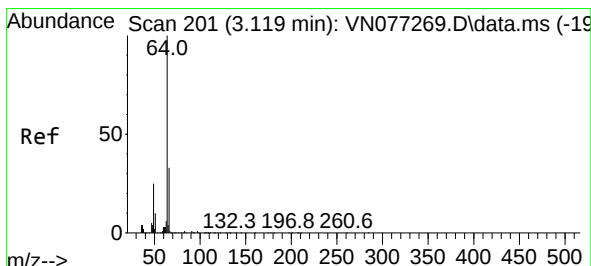
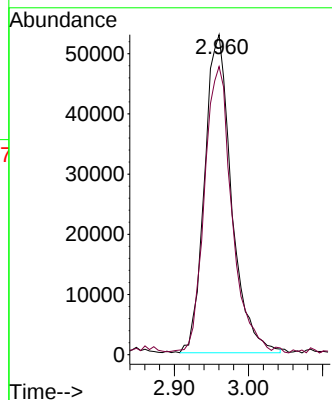
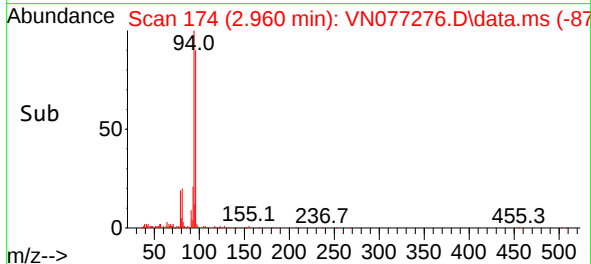
Instrument :
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ClientSampleId :
VN0407WBS01



Tgt Ion: 94 Resp: 13359
Ion Ratio Lower Upper
94 100
96 89.1 77.0 115.6

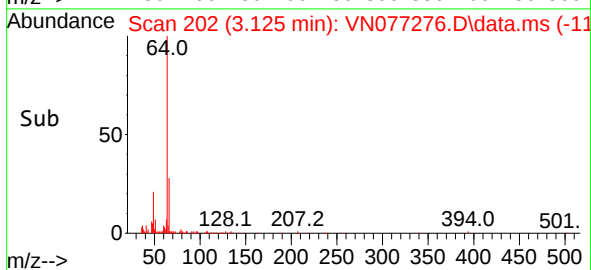
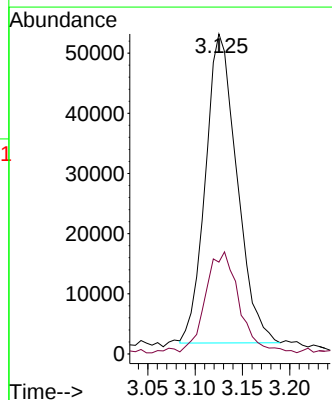
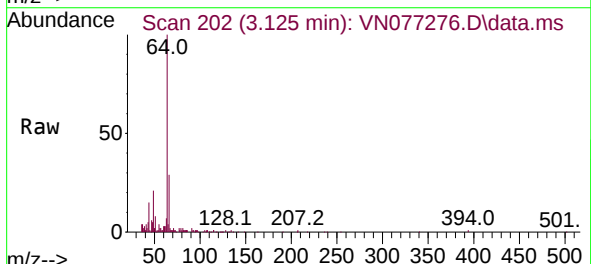
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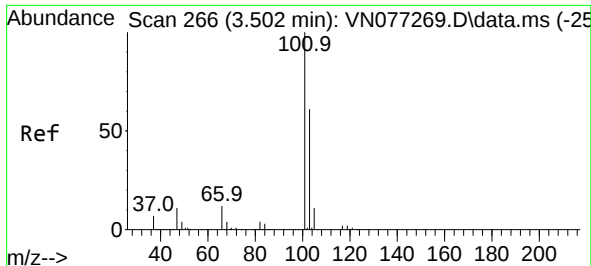
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#6
Chloroethane
Concen: 18.328 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

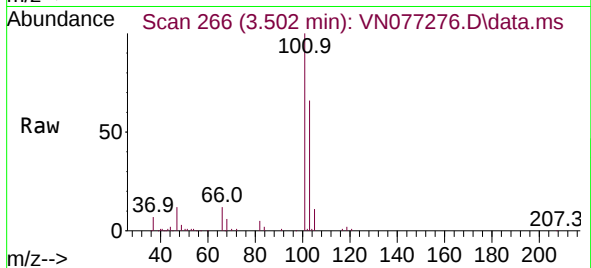
Tgt Ion: 64 Resp: 118883
Ion Ratio Lower Upper
64 100
66 29.0 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 17.832 ug/l
 RT: 3.502 min Scan# 266
 Delta R.T. -0.000 min
 Lab File: VN077276.D
 Acq: 07 Apr 2023 13:46

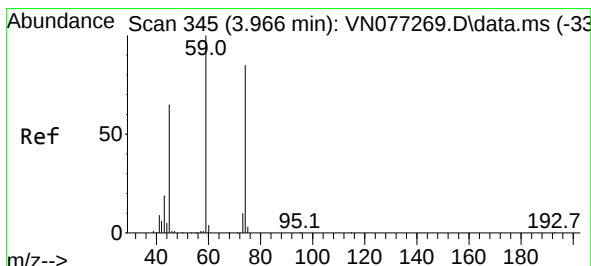
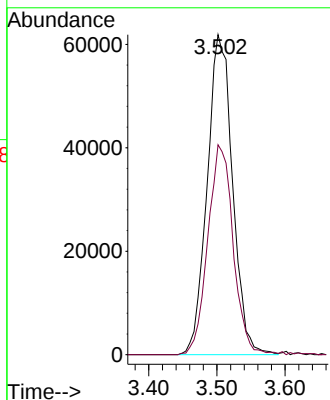
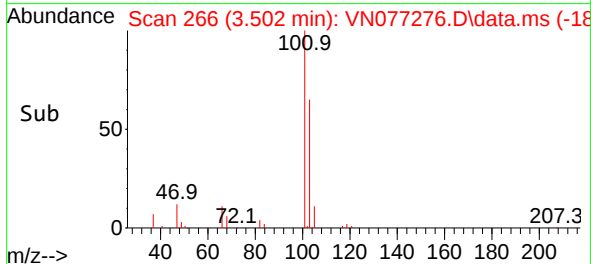
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Tgt Ion:101 Resp: 160674
 Ion Ratio Lower Upper
 101 100
 103 65.6 48.9 73.3

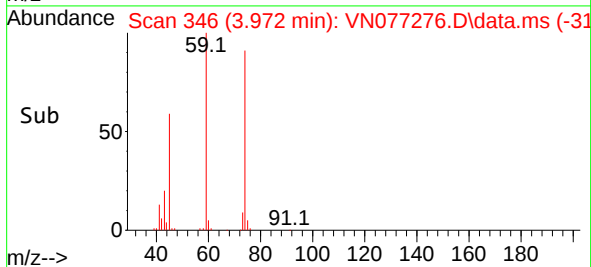
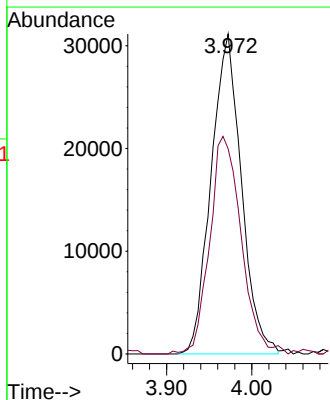
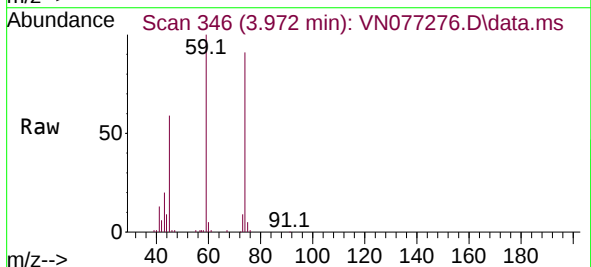
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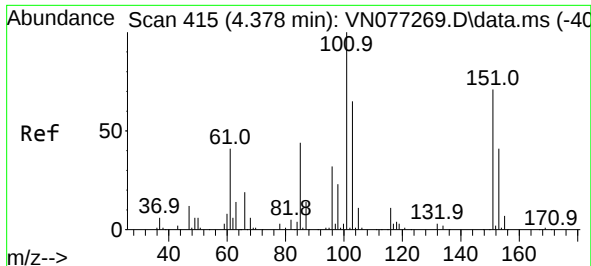
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023



#8
 Diethyl Ether
 Concen: 20.009 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN077276.D
 Acq: 07 Apr 2023 13:46

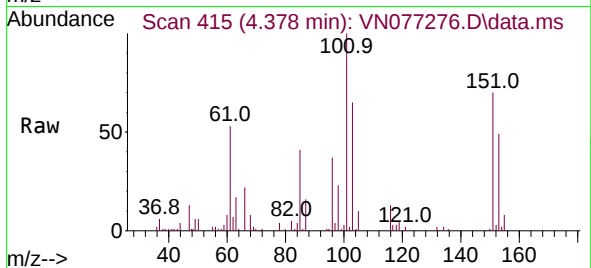
Tgt Ion: 74 Resp: 76846
 Ion Ratio Lower Upper
 74 100
 45 70.0 14.8 133.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.404 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

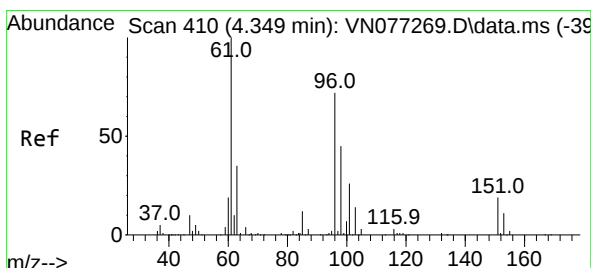
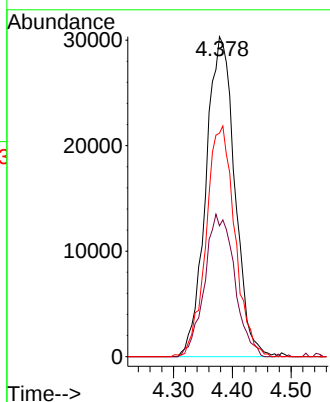
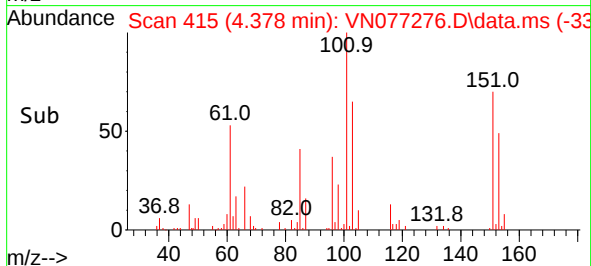
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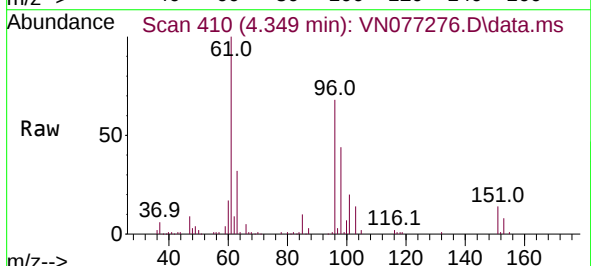
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Ion Ratio Lower Upper
101 100
85 24.6 0.0 89.6
151 71.3 0.0 141.6

Manual Integrations
APPROVED

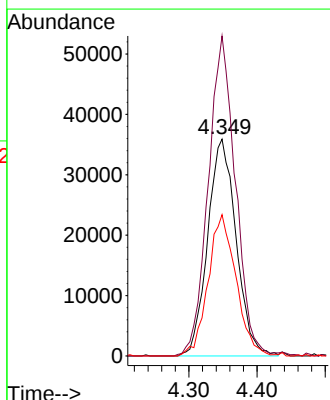
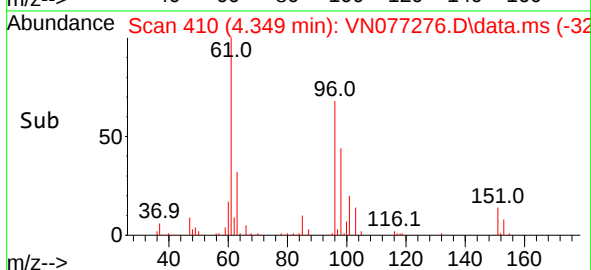
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

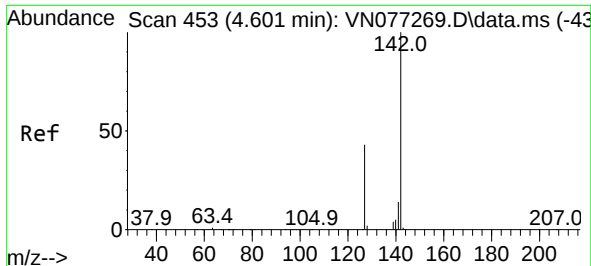


#10
1,1-Dichloroethene
Concen: 18.507 ug/l
RT: 4.349 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46



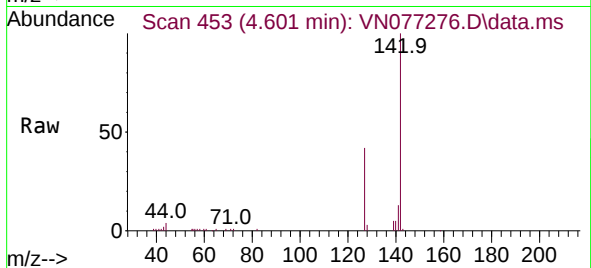
Tgt Ion: 96 Resp: 104317
Ion Ratio Lower Upper
96 100
61 146.8 110.7 166.1
98 65.2 49.6 74.4





#11
Methyl Iodide
Concen: 18.787 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

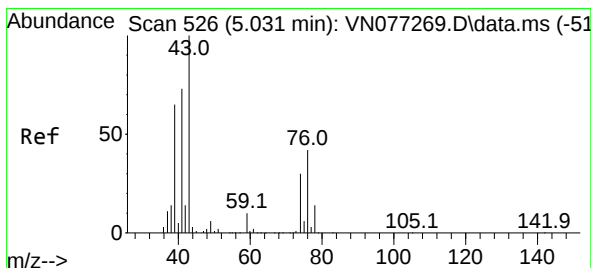
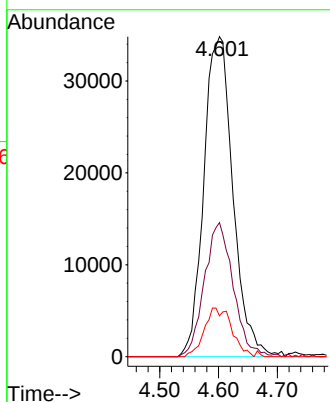
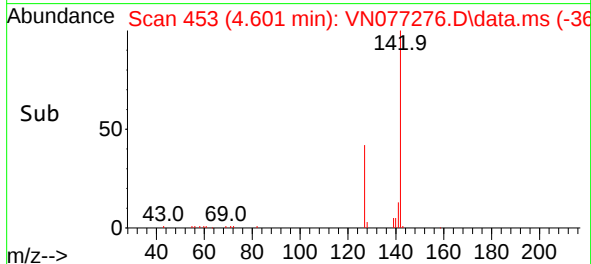
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



Tgt Ion:142 Resp: 11963
Ion Ratio Lower Upper
142 100
127 41.7 21.3 63.7
141 12.3 7.0 20.9

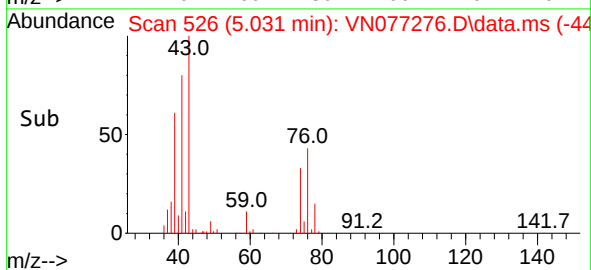
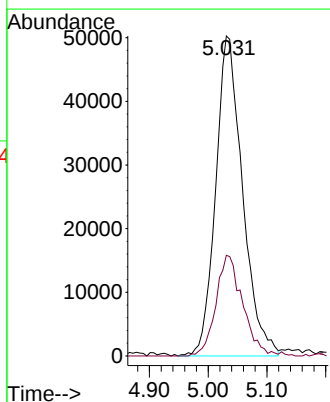
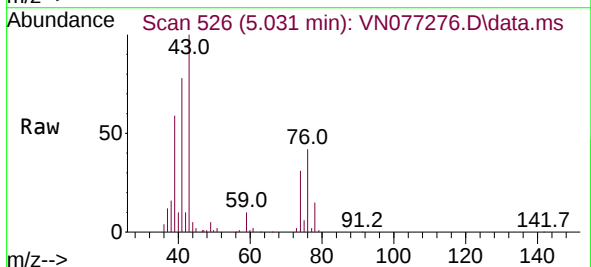
Manual Integrations
APPROVED

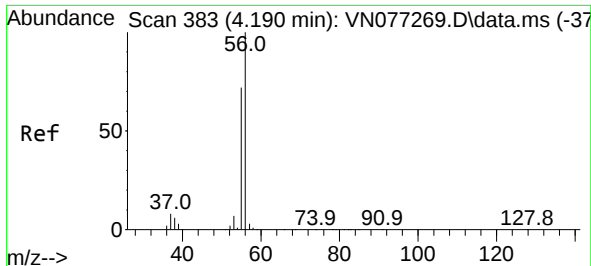
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#12
Methyl Acetate
Concen: 19.015 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

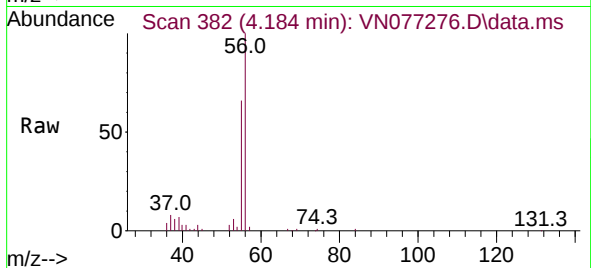
Tgt Ion: 43 Resp: 159686
Ion Ratio Lower Upper
43 100
74 31.4 24.2 36.2





#13
Acrolein
Concen: 94.298 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

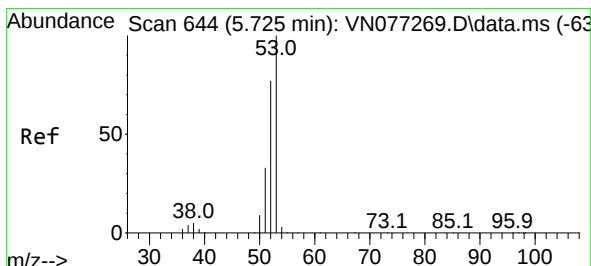
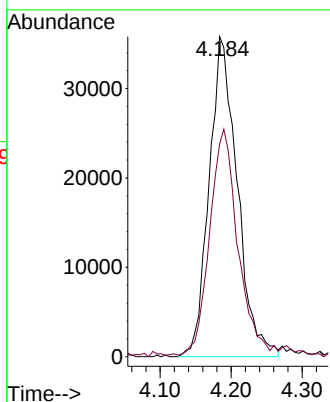
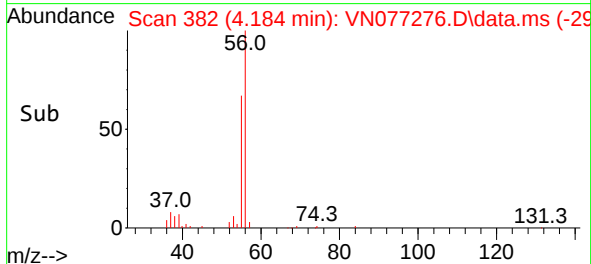
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



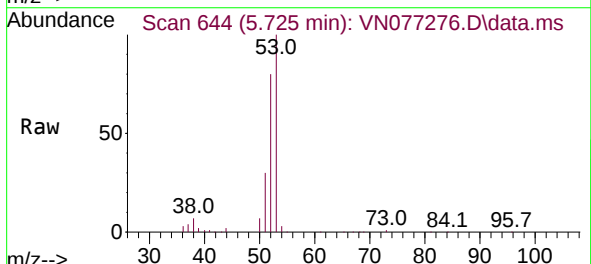
Tgt Ion: 56 Resp: 98290
Ion Ratio Lower Upper
56 100
55 71.4 55.2 82.8

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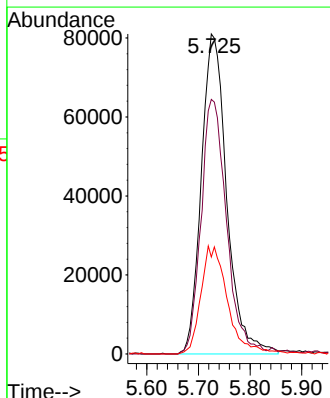
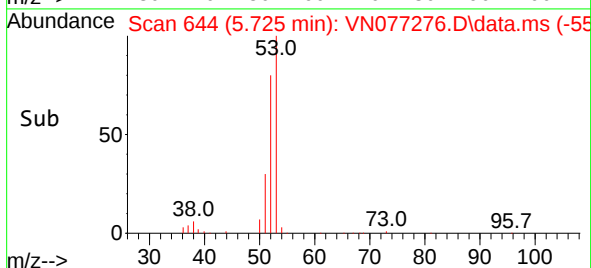
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

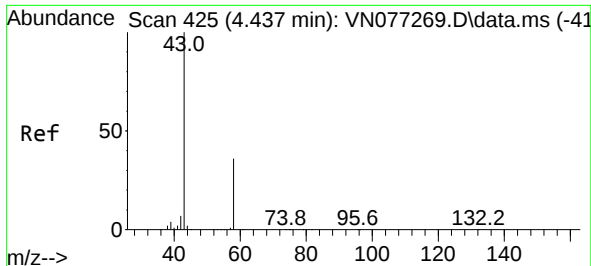


#14
Acrylonitrile
Concen: 96.657 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46



Tgt Ion: 53 Resp: 277461
Ion Ratio Lower Upper
53 100
52 79.2 41.0 123.0
51 15.2 17.7 53.1#





#15

Acetone

Concen: 85.060 ug/l

RT: 4.443 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN077276.D

Acq: 07 Apr 2023 13:46

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS01

Tgt Ion: 58 Resp: 8858

Ion Ratio Lower Upper

58 100

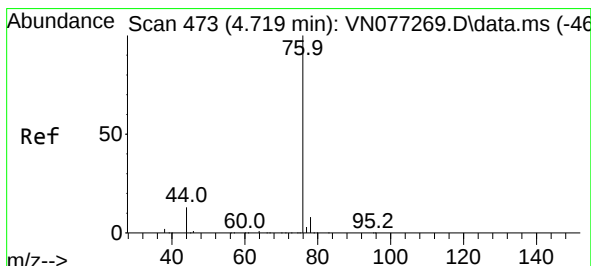
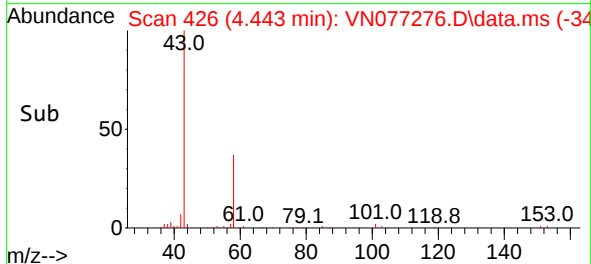
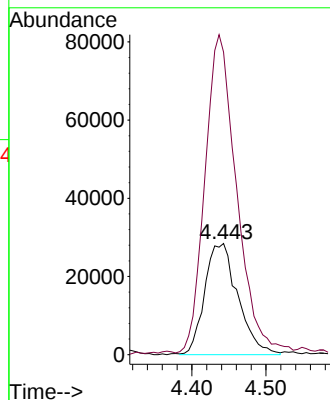
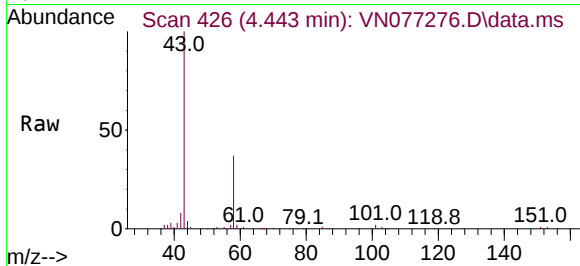
43 271.1 220.9 331.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#16

Carbon Disulfide

Concen: 17.765 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.000 min

Lab File: VN077276.D

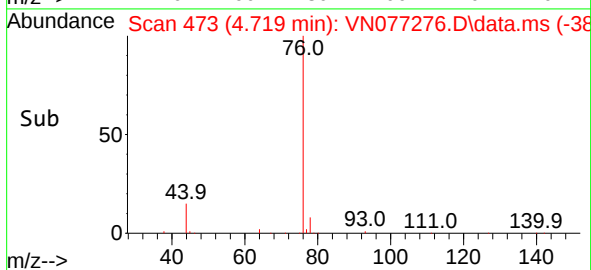
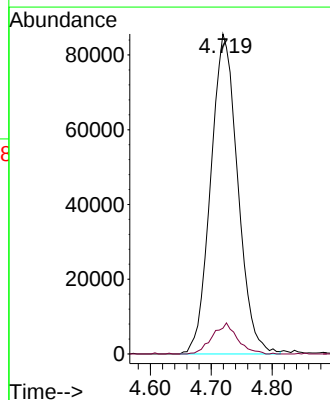
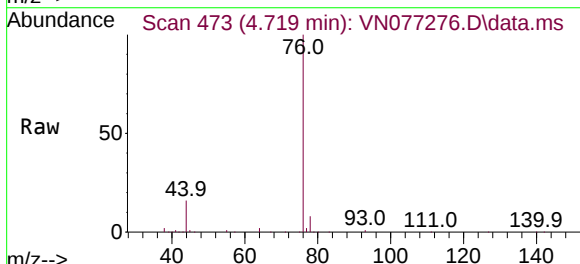
Acq: 07 Apr 2023 13:46

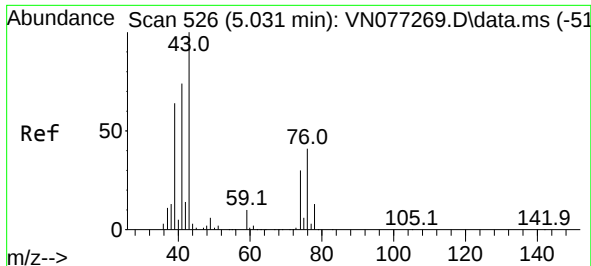
Tgt Ion: 76 Resp: 264310

Ion Ratio Lower Upper

76 100

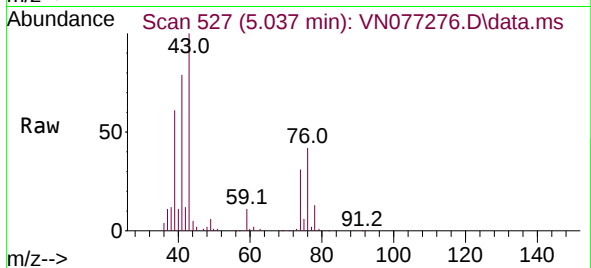
78 8.0 6.3 9.5





#17
 Allyl chloride
 Concen: 17.334 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN077276.D
 Acq: 07 Apr 2023 13:46

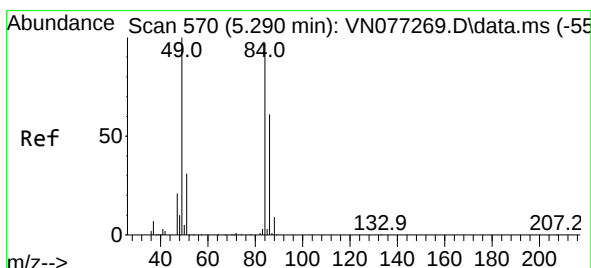
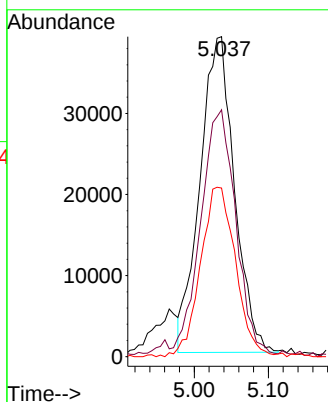
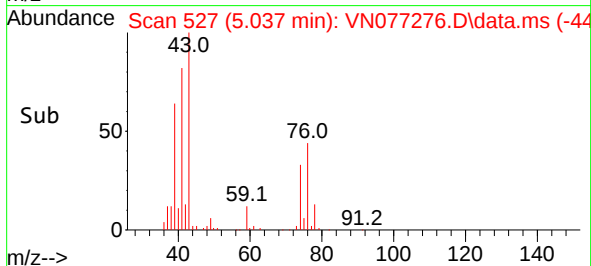
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBS01



Tgt Ion: 41 Resp: 125779
 Ion Ratio Lower Upper
 41 100
 39 77.7 40.3 120.9
 76 52.8 25.3 75.8

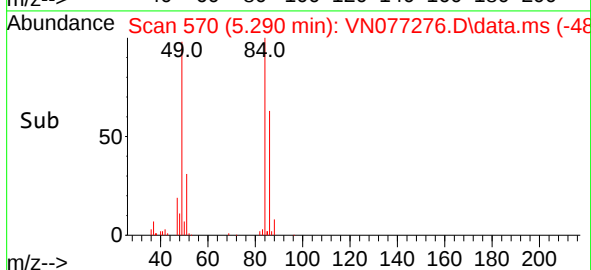
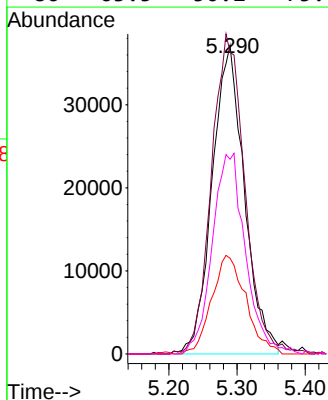
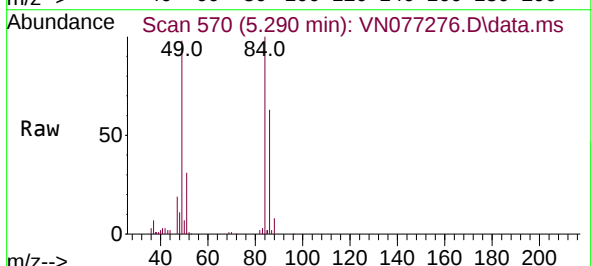
Manual Integrations
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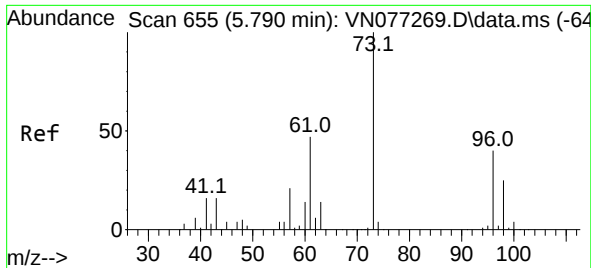
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023



#18
 Methylene Chloride
 Concen: 18.663 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. -0.000 min
 Lab File: VN077276.D
 Acq: 07 Apr 2023 13:46

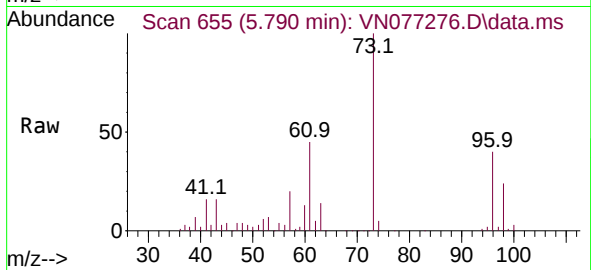
Tgt Ion: 84 Resp: 122166
 Ion Ratio Lower Upper
 84 100
 49 97.7 82.7 124.1
 51 31.2 25.6 38.4
 86 63.5 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 18.719 ug/l
RT: 5.790 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

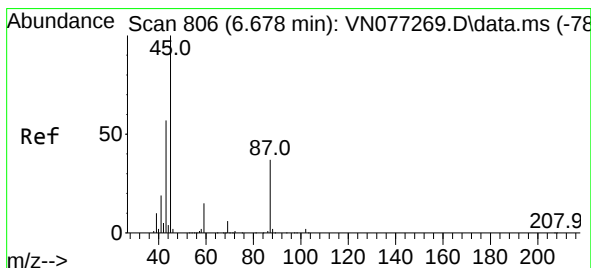
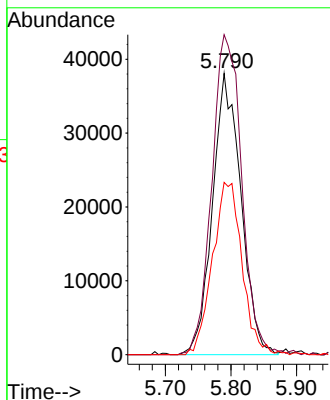
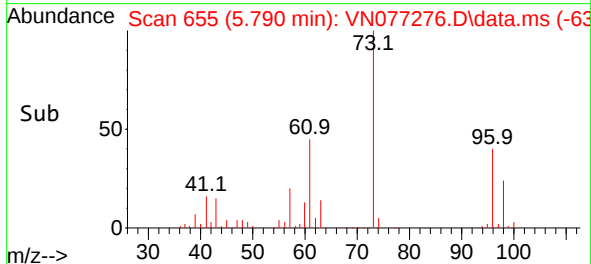
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



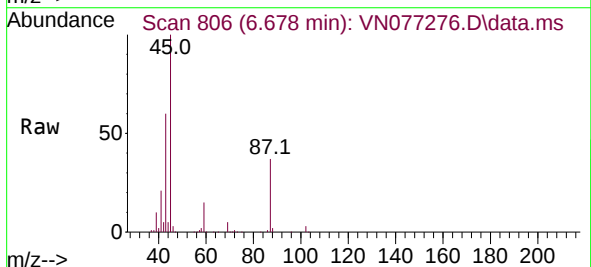
Tgt Ion: 96 Resp: 114728
Ion Ratio Lower Upper
96 100
61 113.8 94.5 141.7
98 61.3 49.8 74.8

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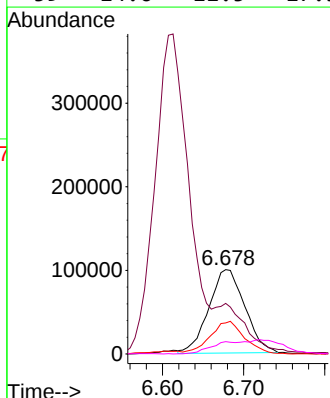
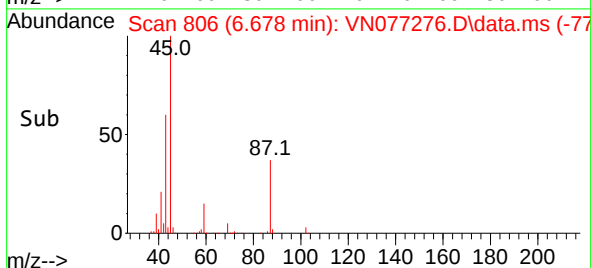
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

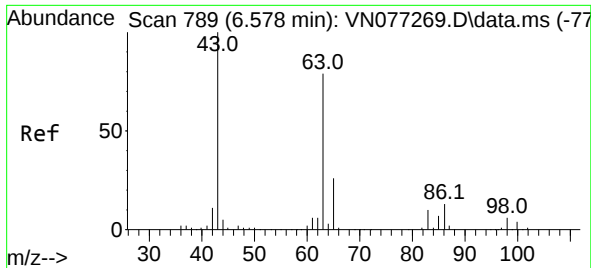


#20
Diisopropyl ether
Concen: 17.780 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46



Tgt Ion: 45 Resp: 307486
Ion Ratio Lower Upper
45 100
43 55.5 45.9 68.9
87 36.5 30.1 45.1
59 14.6 11.5 17.3





#21

1,1-Dichloroethane

Concen: 18.833 ug/l

RT: 6.572 min Scan# 71

Delta R.T. -0.006 min

Lab File: VN077276.D

Acq: 07 Apr 2023 13:46

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS01

Tgt Ion: 63 Resp: 20644

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

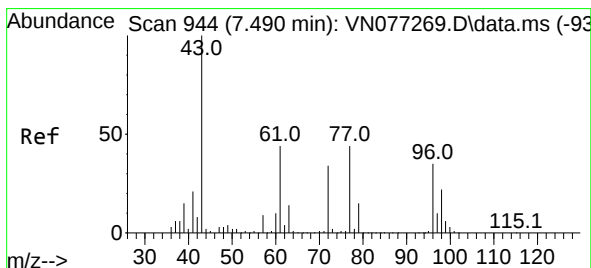
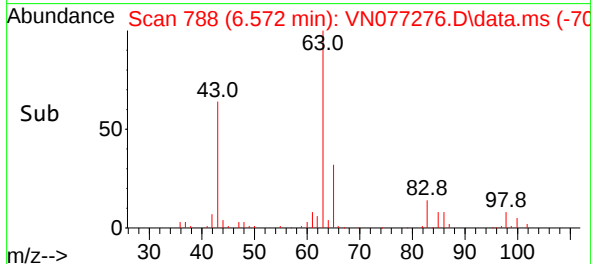
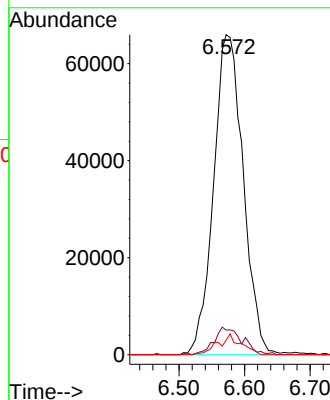
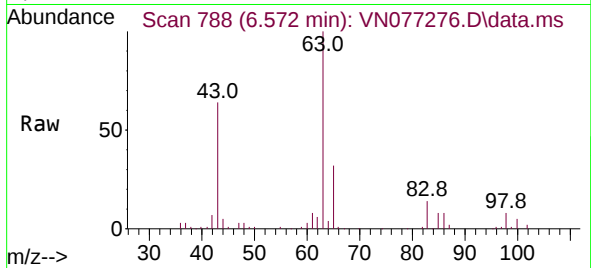
100 4.5 2.3 6.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#22

cis-1,2-Dichloroethene

Concen: 18.417 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.006 min

Lab File: VN077276.D

Acq: 07 Apr 2023 13:46

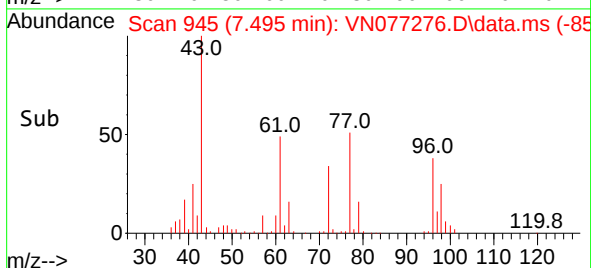
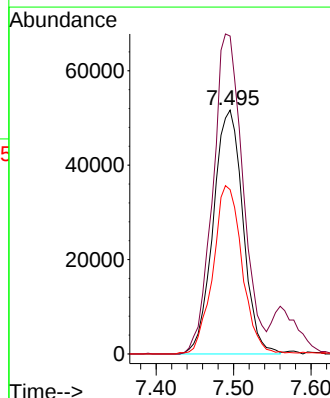
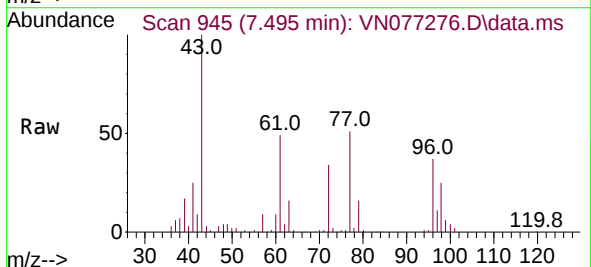
Tgt Ion: 96 Resp: 137602

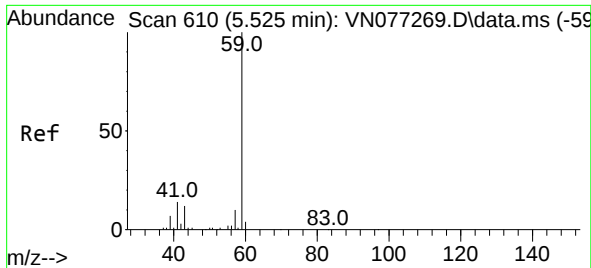
Ion Ratio Lower Upper

96 100

61 133.1 105.5 158.3

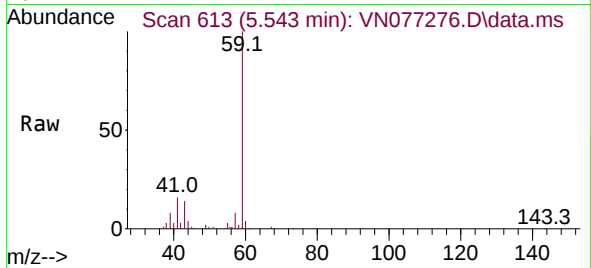
98 66.9 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 96.242 ug/l m
RT: 5.543 min Scan# 610
Delta R.T. 0.018 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

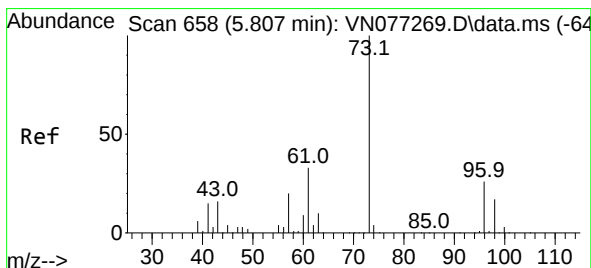
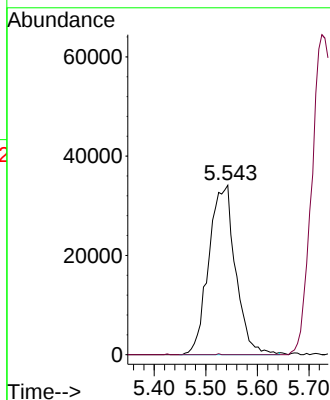
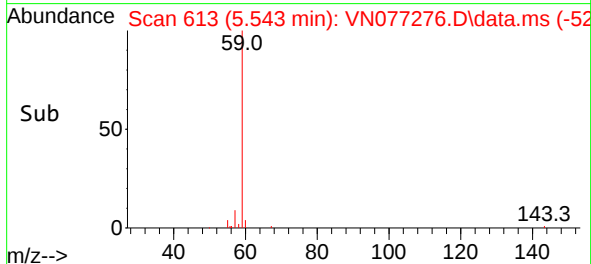
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



Tgt Ion: 59 Resp: 122844
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

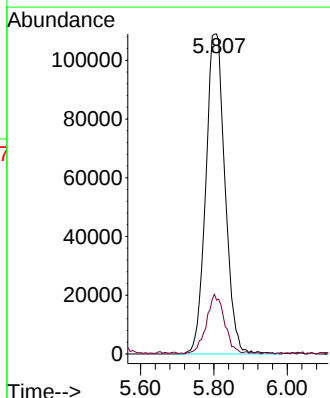
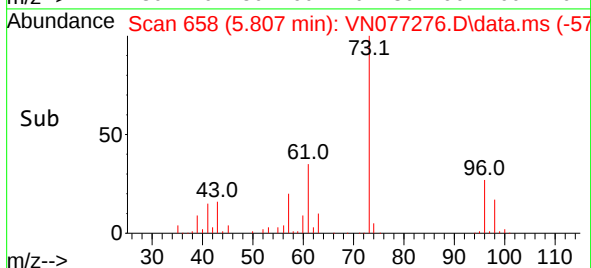
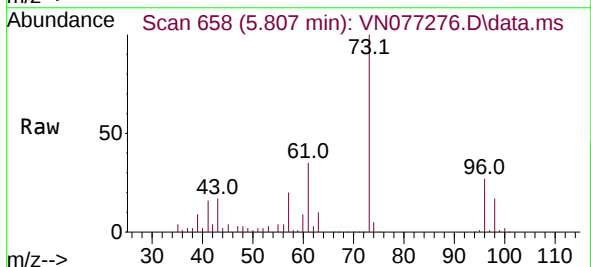
Manual Integrations
APPROVED

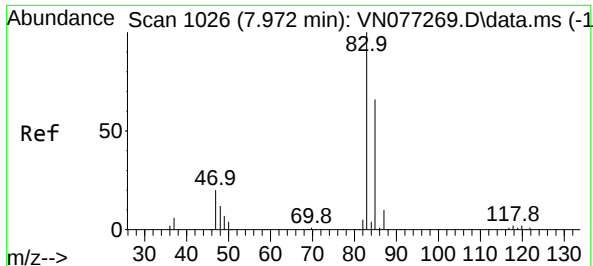
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#24
Methyl tert-Butyl Ether
Concen: 19.526 ug/l m
RT: 5.807 min Scan# 658
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

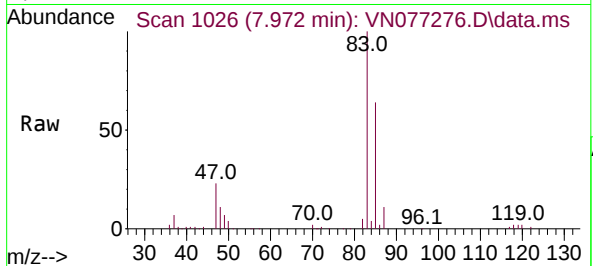
Tgt Ion: 73 Resp: 396232
Ion Ratio Lower Upper
73 100
43 0.1 13.5 20.3





#25
Chloroform
Concen: 18.379 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

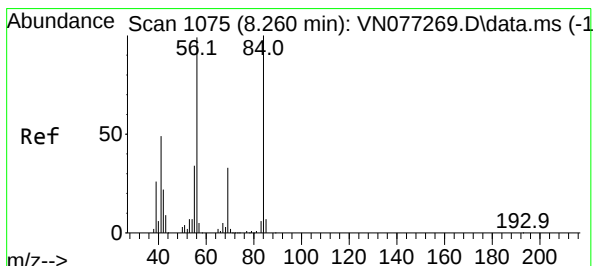
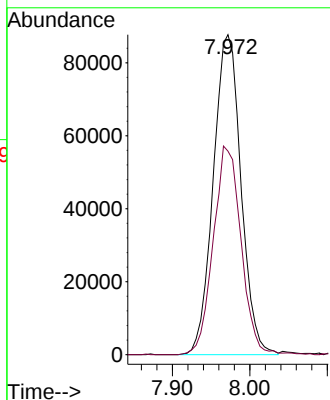
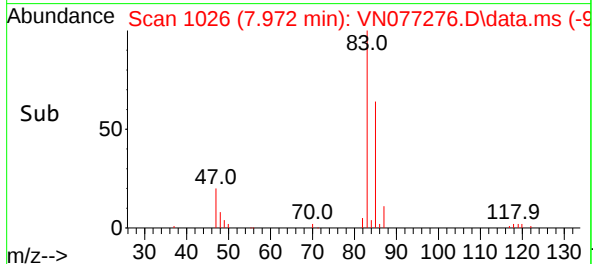
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



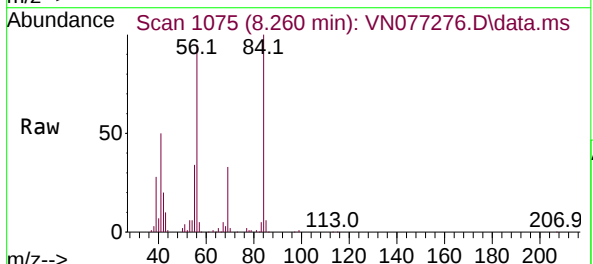
Tgt Ion: 83 Resp: 21833
Ion Ratio Lower Upper
83 100
85 63.6 52.9 79.3

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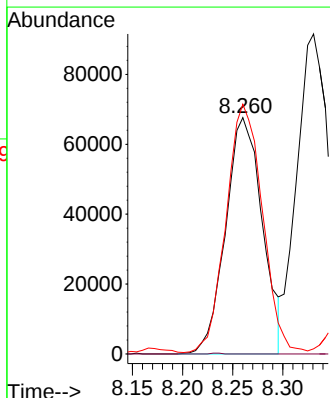
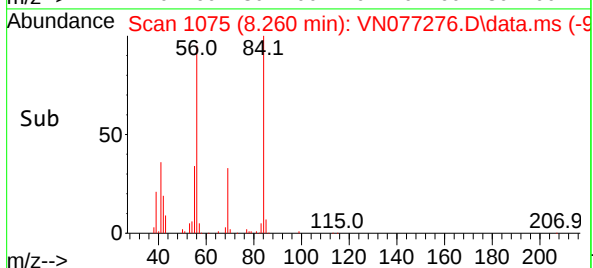
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

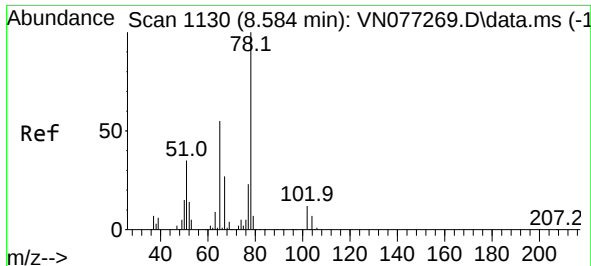


#26
Cyclohexane
Concen: 18.041 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46



Tgt Ion: 56 Resp: 171837
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 105.7 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 30.590 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077276.D

Acq: 07 Apr 2023 13:46

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS01

Tgt Ion: 65 Resp: 138780

Ion Ratio Lower Upper

65 100

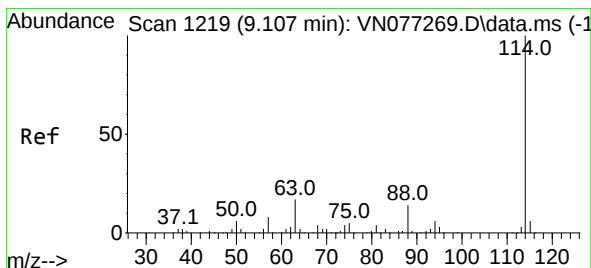
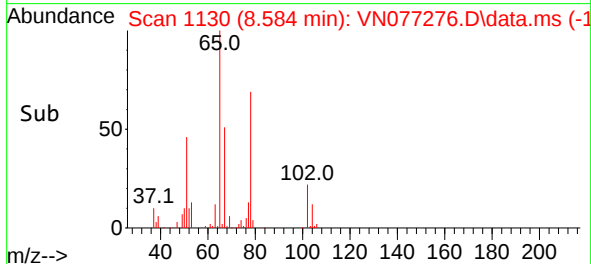
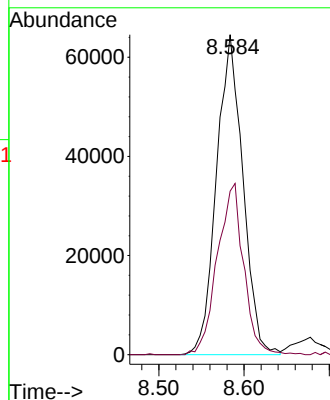
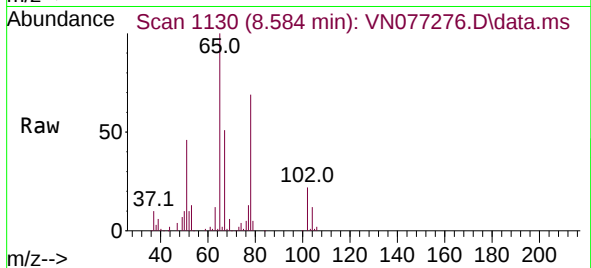
67 53.5 41.8 62.6

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: VN077276.D

Acq: 07 Apr 2023 13:46

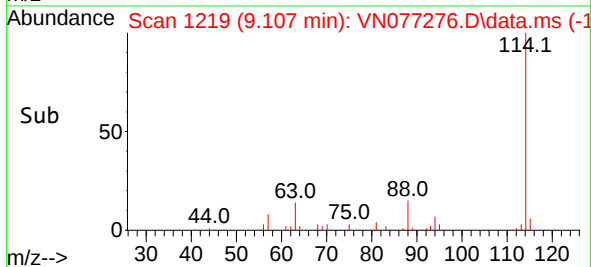
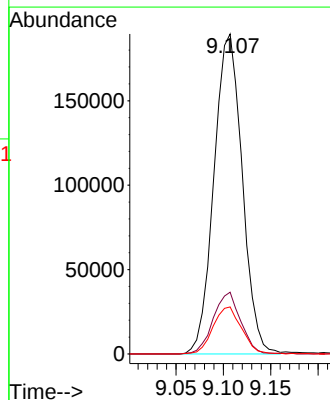
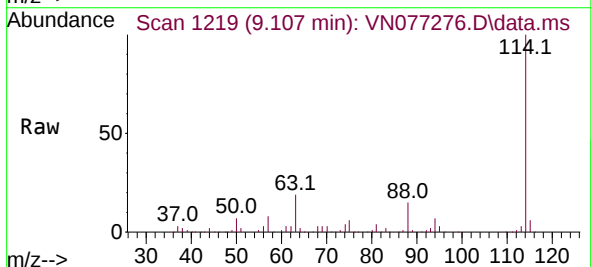
Tgt Ion:114 Resp: 393388

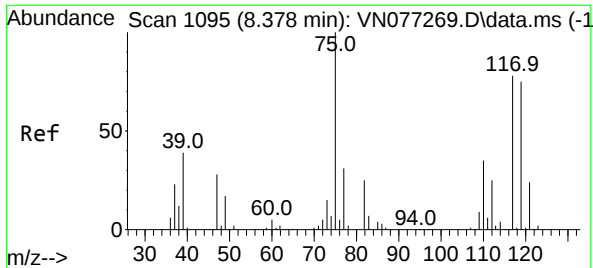
Ion Ratio Lower Upper

114 100

63 18.7 15.0 22.4

88 14.8 11.9 17.9





#29
1,1-Dichloropropene
Concen: 19.087 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS01

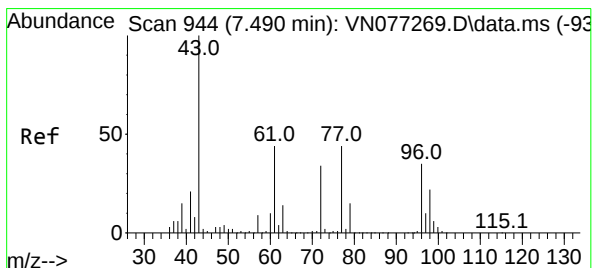
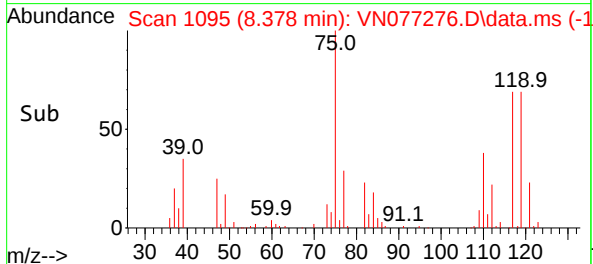
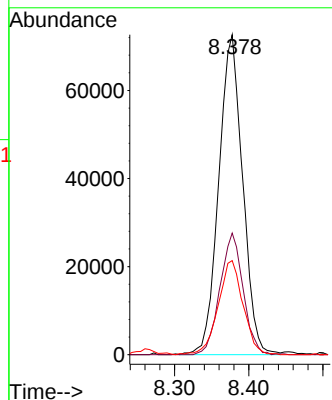
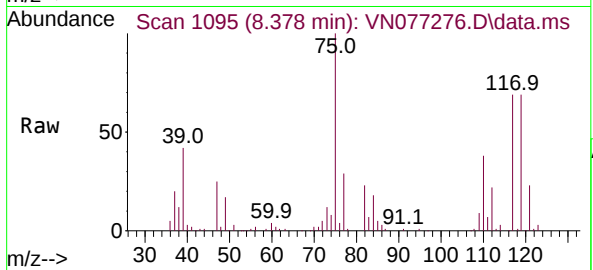
Tgt Ion: 75 Resp: 162659
Ion Ratio Lower Upper
75 100
110 36.7 0.0 72.4
77 30.5 0.0 61.4

Manual Integrations

APPROVED

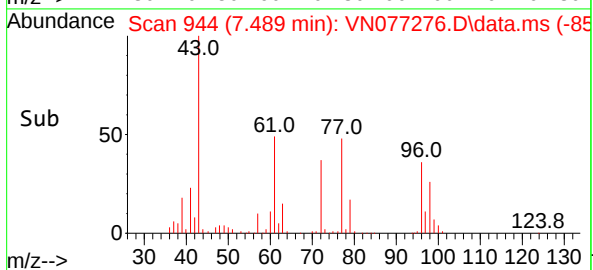
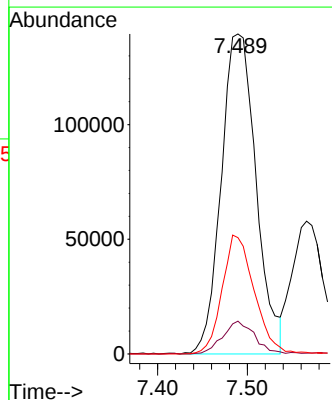
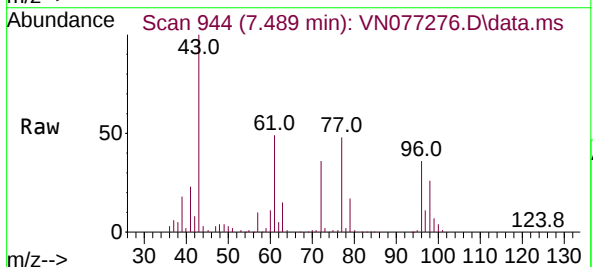
Reviewed By :John Carlone 04/10/2023

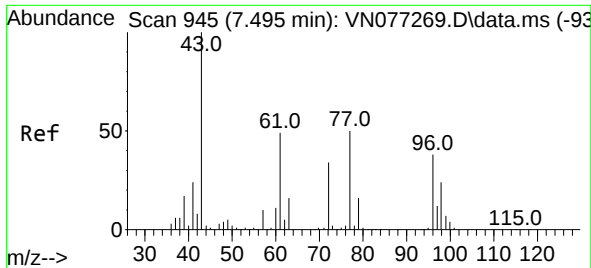
Supervised By :Semsettin Yesilyurt 04/10/2023



#30
2-Butanone
Concen: 93.569 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

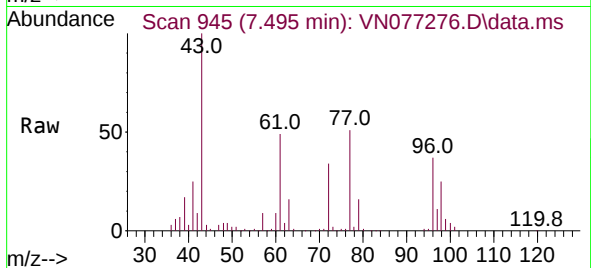
Tgt Ion: 43 Resp: 377073
Ion Ratio Lower Upper
43 100
57 9.3 7.5 11.3
72 34.0 26.9 40.3





#31
2,2-Dichloropropane
Concen: 18.720 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

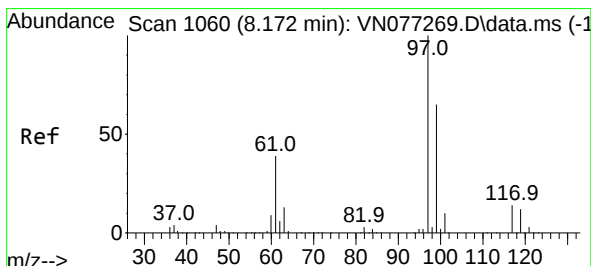
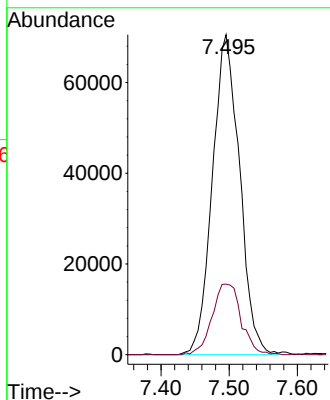
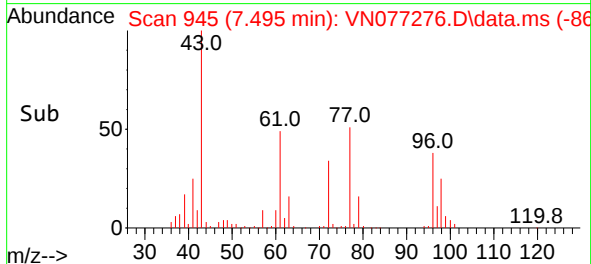
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



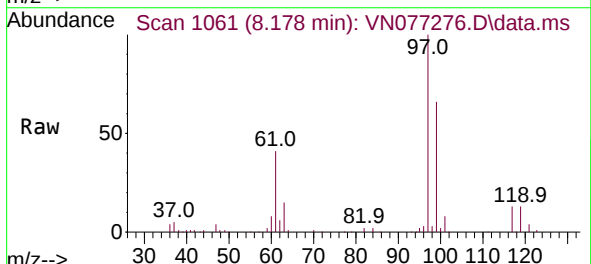
Tgt Ion: 77 Resp: 195839
Ion Ratio Lower Upper
77 100
97 23.4 18.8 28.2

Manual Integrations
APPROVED

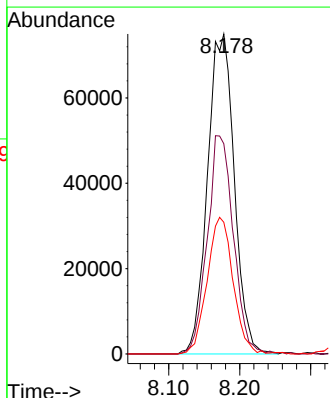
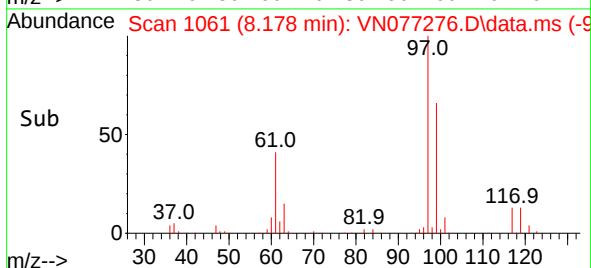
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

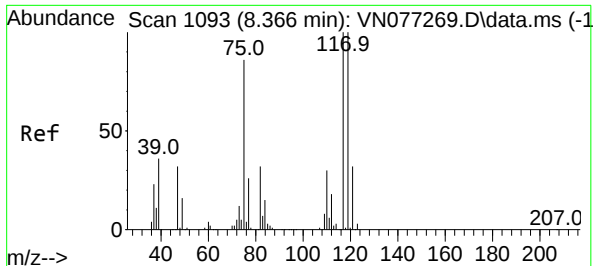


#32
1,1,1-Trichloroethane
Concen: 18.726 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46



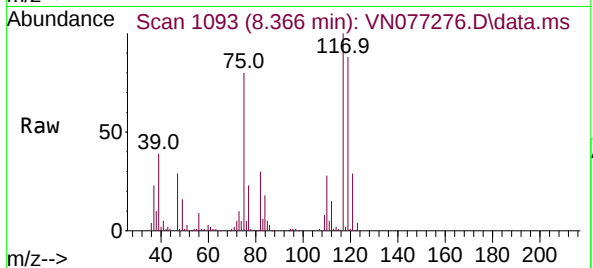
Tgt Ion: 97 Resp: 196387
Ion Ratio Lower Upper
97 100
99 66.5 51.6 77.4
61 41.3 32.4 48.6





#33
Carbon Tetrachloride
Concen: 18.697 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

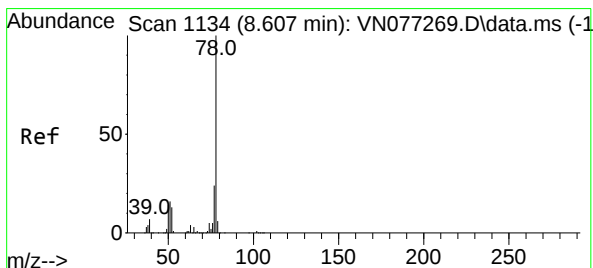
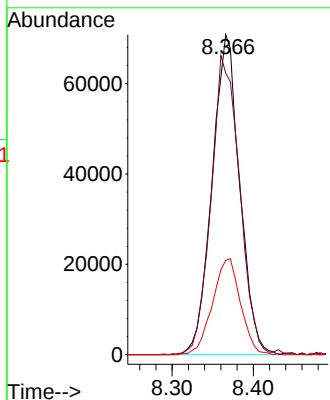
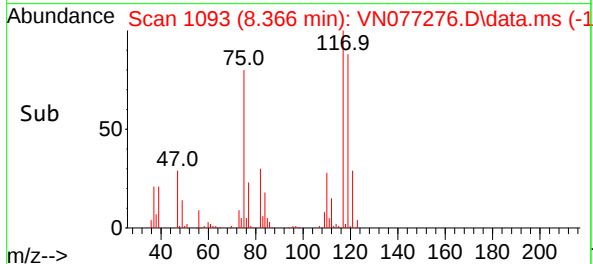
Instrument :
MSVOA_N
Client Sample Id :
VN0407WBS01



Tgt Ion: 117 Resp: 167350
Ion Ratio Lower Upper
117 100
119 87.6 80.2 120.4
121 29.5 26.0 39.0

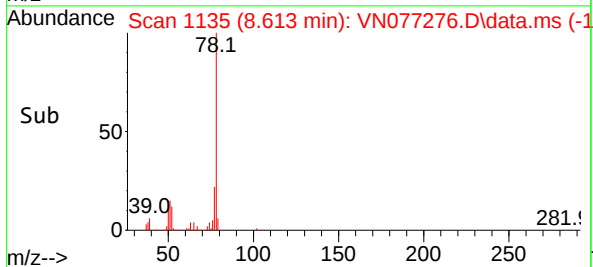
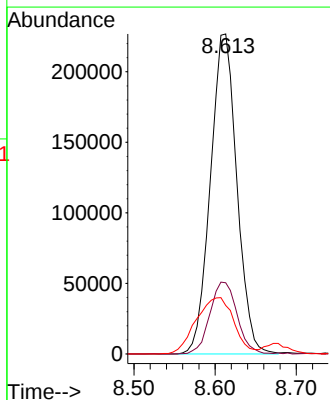
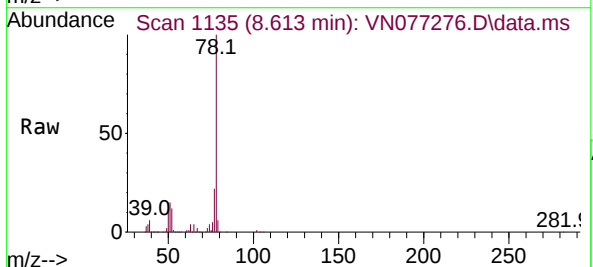
Manual Integrations
APPROVED

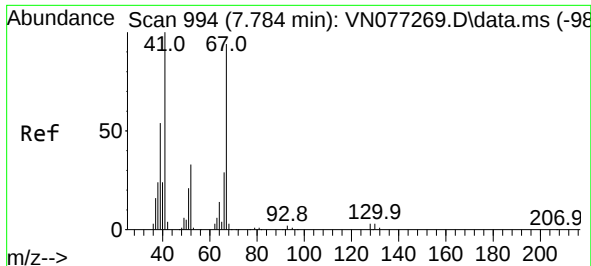
Reviewed By : John Carlone 04/10/2023
Supervised By : Semsettin Yesilyurt 04/10/2023



#34
Benzene
Concen: 19.504 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

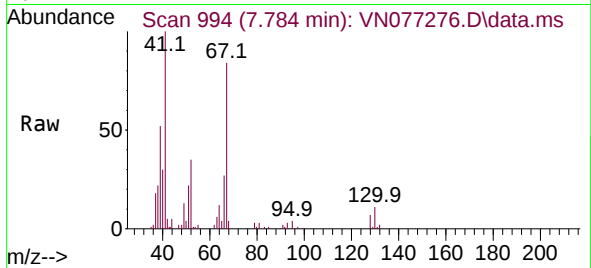
Tgt Ion: 78 Resp: 514283
Ion Ratio Lower Upper
78 100
77 22.2 19.4 29.0
51 13.7 12.6 19.0





#35
Methacrylonitrile
Concen: 20.805 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

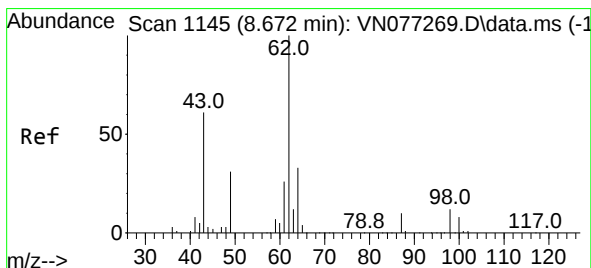
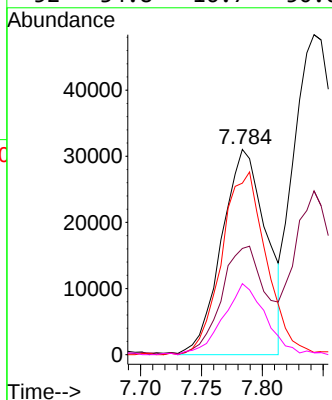
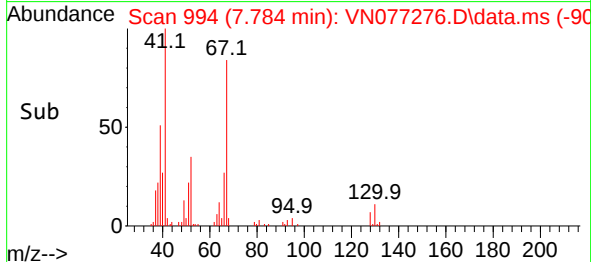
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



Tgt Ion: 41 Resp: 7898
Ion Ratio Lower Upper
41 100
39 51.6 27.1 81.2
67 84.1 46.8 140.4
52 34.8 16.7 50.0

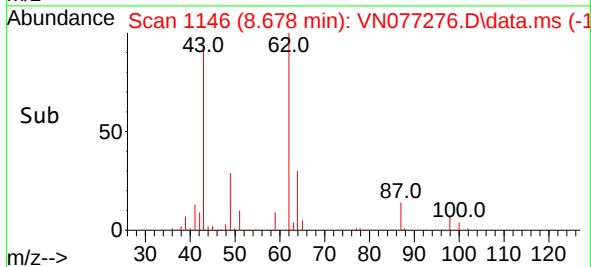
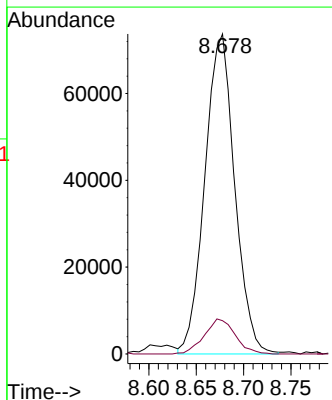
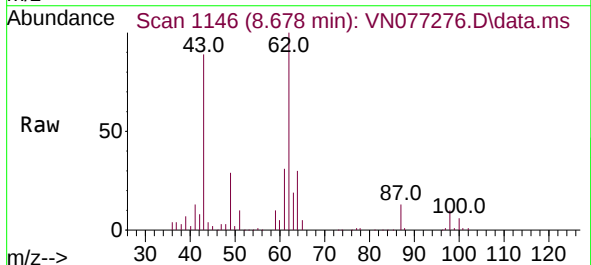
Manual Integrations
APPROVED

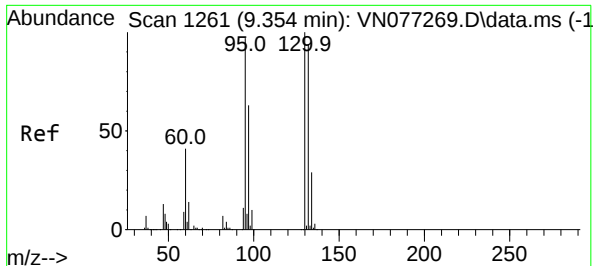
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#36
1,2-Dichloroethane
Concen: 19.555 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

Tgt Ion: 62 Resp: 161663
Ion Ratio Lower Upper
62 100
98 11.3 8.3 12.5





#37

Trichloroethene

Concen: 18.772 ug/l

RT: 9.360 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077276.D

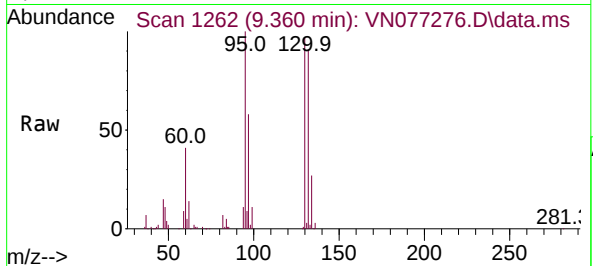
Acq: 07 Apr 2023 13:46

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS01



Tgt Ion:130 Resp: 121069

Ion Ratio Lower Upper

130 100

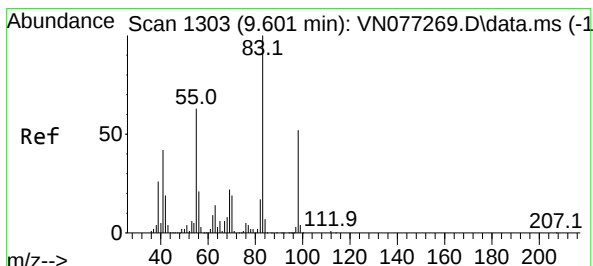
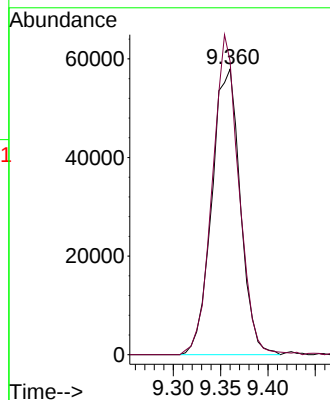
95 102.6 77.5 116.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#38

Methylcyclohexane

Concen: 19.286 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN077276.D

Acq: 07 Apr 2023 13:46

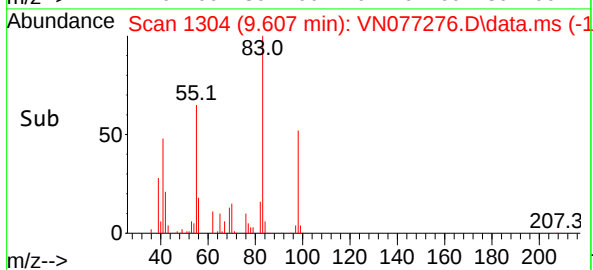
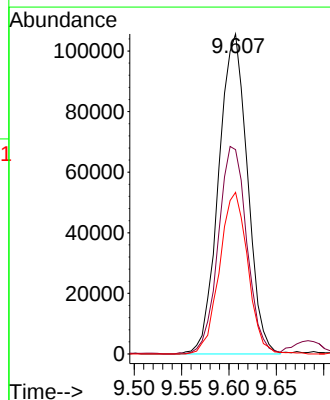
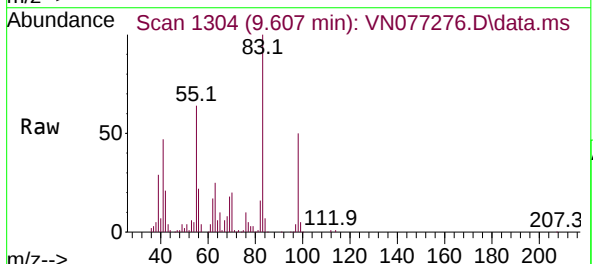
Tgt Ion: 83 Resp: 222910

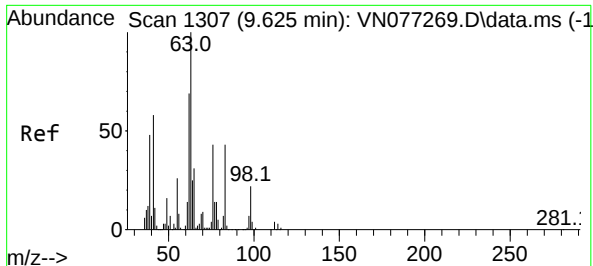
Ion Ratio Lower Upper

83 100

55 64.4 32.0 96.2

98 49.6 25.3 75.9





#39

1,2-Dichloropropane

Concen: 19.599 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077276.D

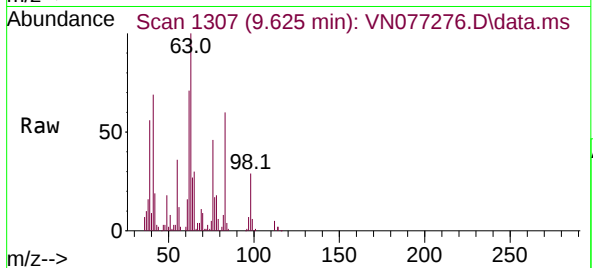
Acq: 07 Apr 2023 13:46

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS01



Tgt Ion: 63 Resp: 12829

Ion Ratio Lower Upper

63 100

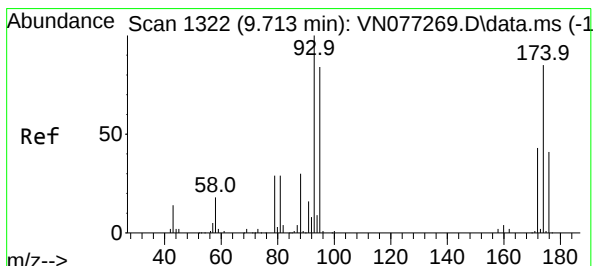
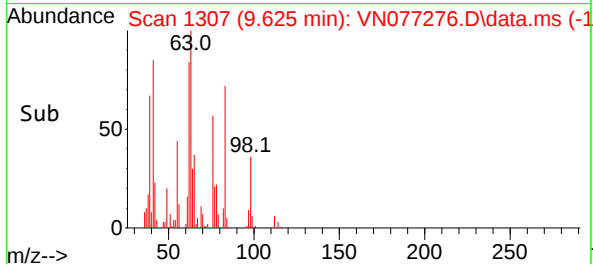
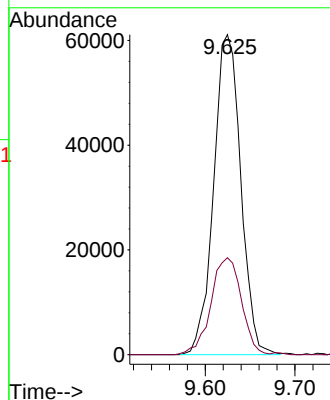
65 29.9 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#40

Dibromomethane

Concen: 19.662 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077276.D

Acq: 07 Apr 2023 13:46

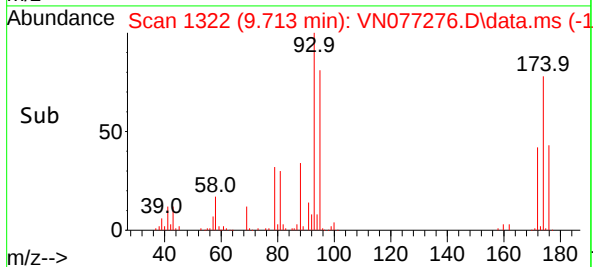
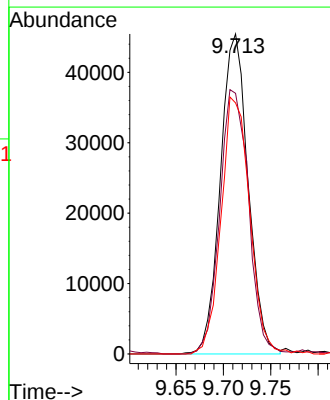
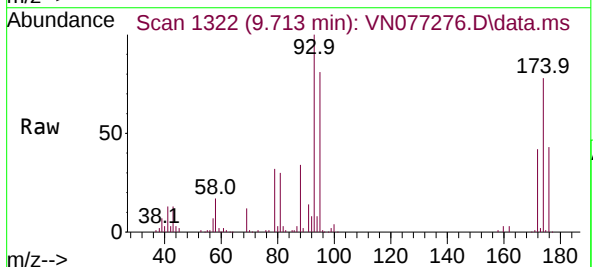
Tgt Ion: 93 Resp: 92733

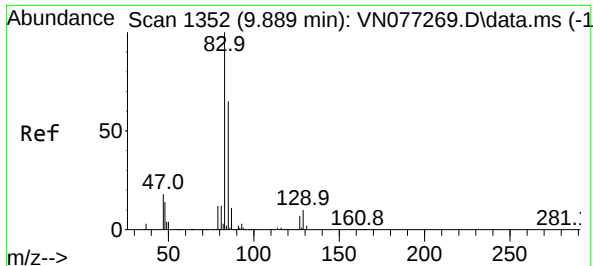
Ion Ratio Lower Upper

93 100

95 85.5 0.0 166.4

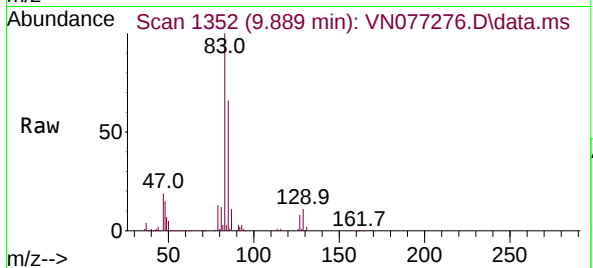
174 82.2 0.0 164.8





#41
Bromodichloromethane
Concen: 19.769 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

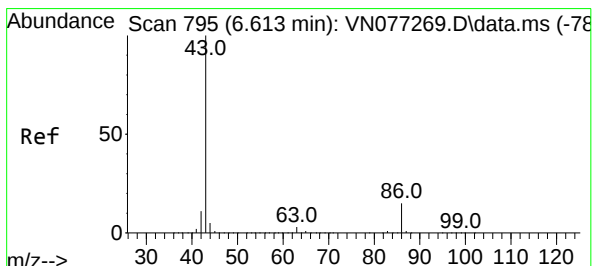
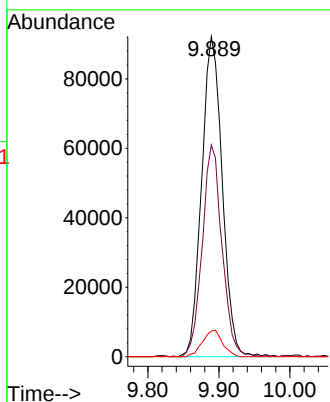
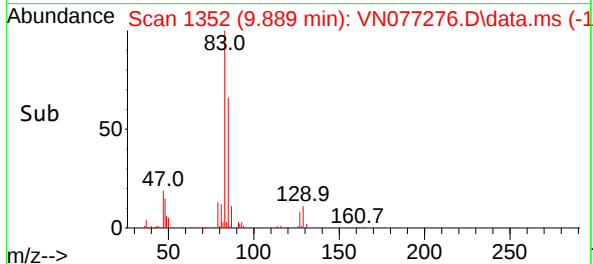
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



Tgt Ion: 83 Resp: 185918
Ion Ratio Lower Upper
83 100
85 66.2 52.3 78.5
127 8.0 5.9 8.9

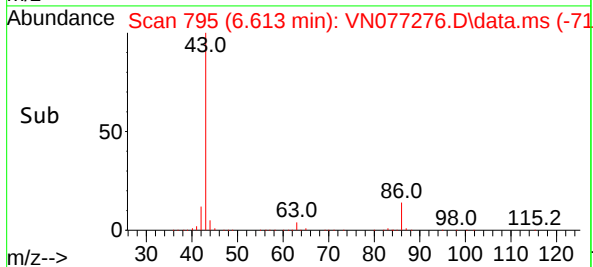
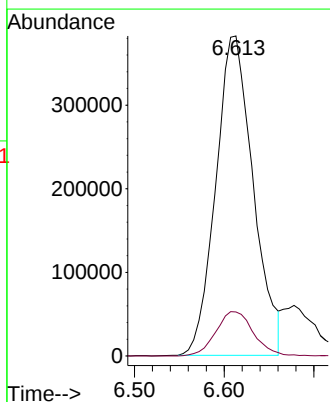
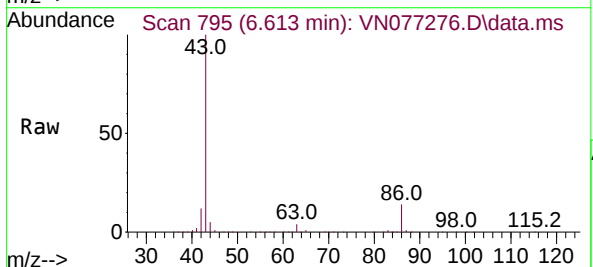
Manual Integrations
APPROVED

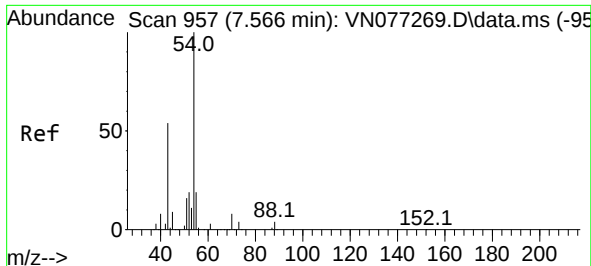
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#42
Vinyl Acetate
Concen: 95.077 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

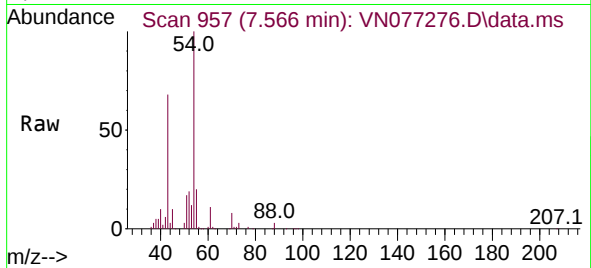
Tgt Ion: 43 Resp: 1108913
Ion Ratio Lower Upper
43 100
86 14.0 0.0 0.0#





#43
Ethyl Acetate
Concen: 19.080 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

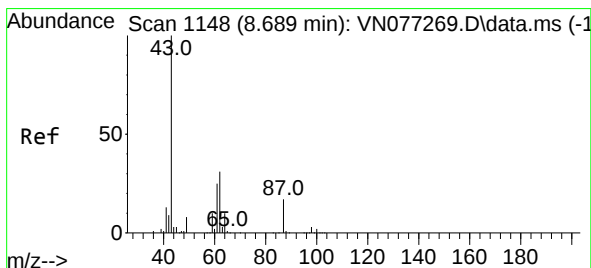
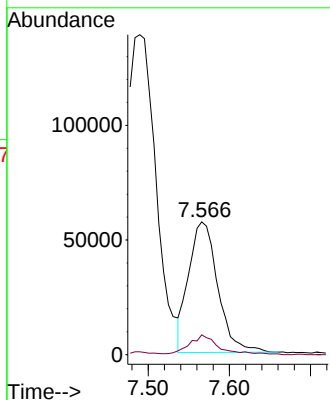
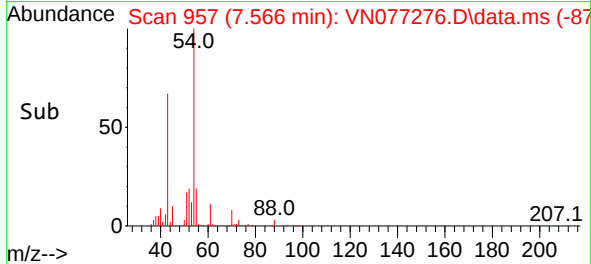
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



Tgt Ion: 43 Resp: 14225
Ion Ratio Lower Upper
43 100
45 14.1 12.3 18.5

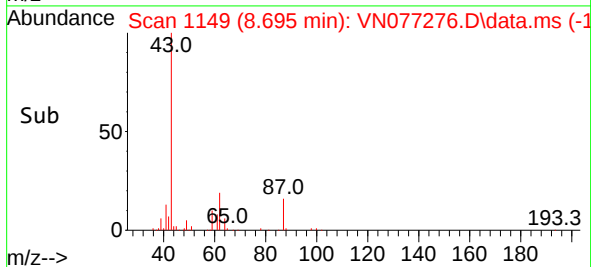
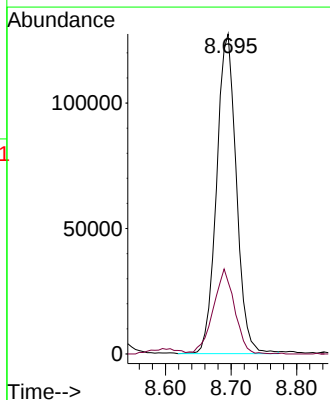
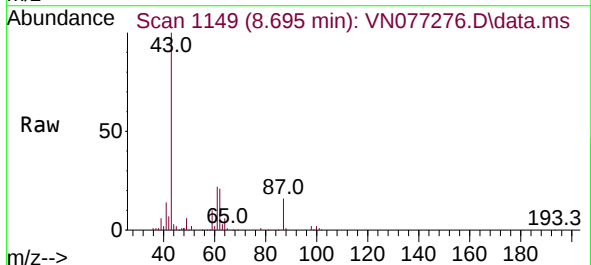
Manual Integrations
APPROVED

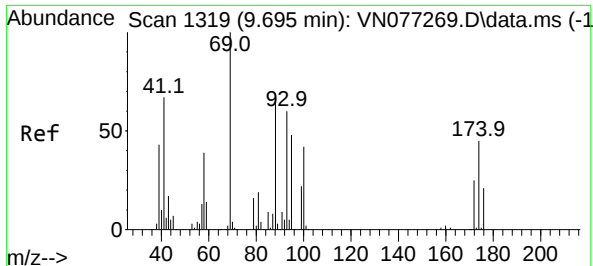
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#44
Isopropyl Acetate
Concen: 19.873 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

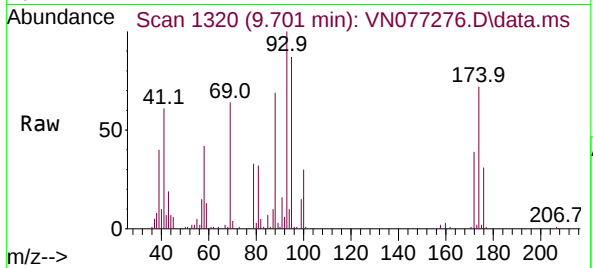
Tgt Ion: 43 Resp: 265286
Ion Ratio Lower Upper
43 100
61 28.6 0.0 0.0#





#45
1,4-Dioxane
Concen: 389.217 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

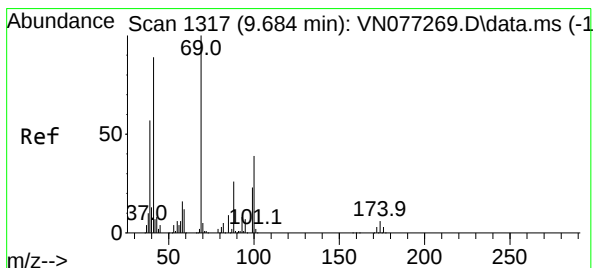
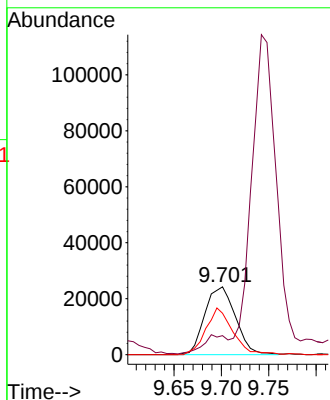
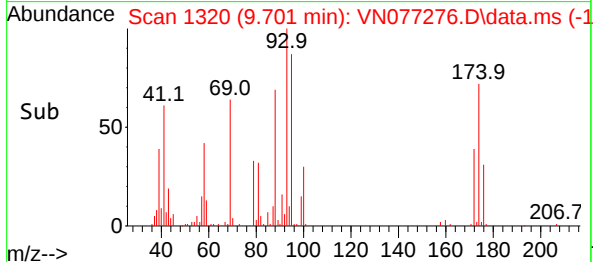
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



Tgt Ion: 88 Resp: 5479
Ion Ratio Lower Upper
88 100
43 21.4 17.4 26.0
58 59.4 48.2 72.4

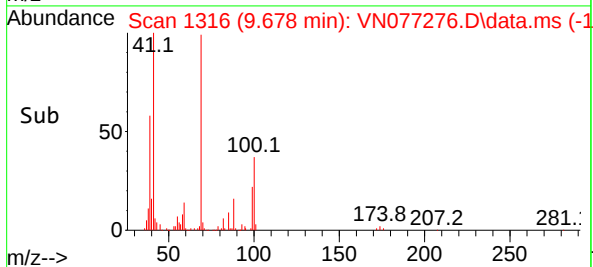
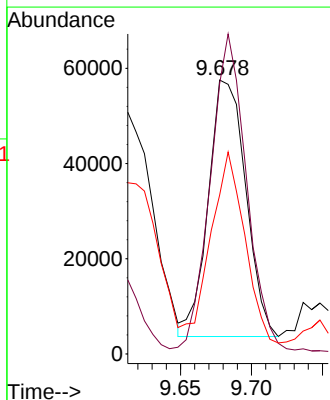
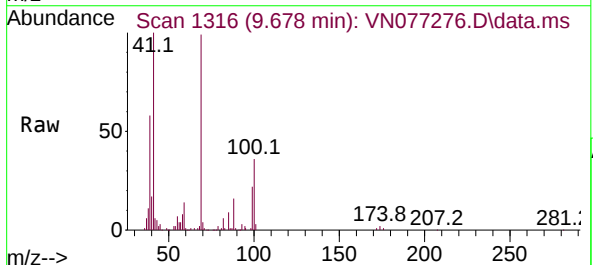
Manual Integrations
APPROVED

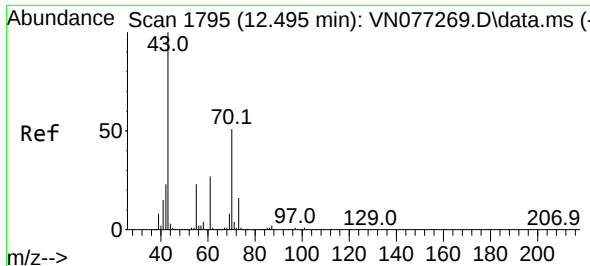
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#46
Methyl methacrylate
Concen: 17.172 ug/l
RT: 9.678 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

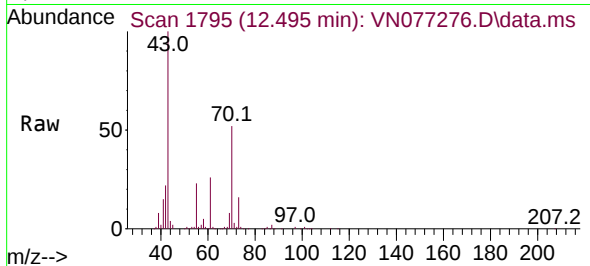
Tgt Ion: 41 Resp: 98696
Ion Ratio Lower Upper
41 100
69 102.8 54.5 163.5
39 57.7 33.4 100.2





#47
n-amy1 Acetate
Concen: 19.443 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

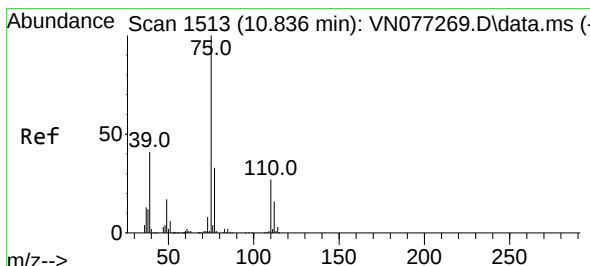
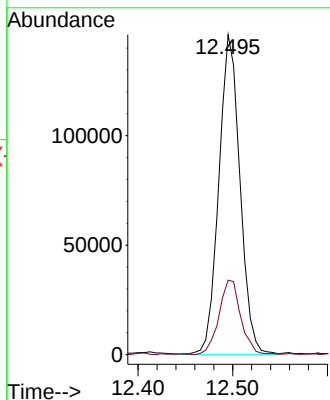
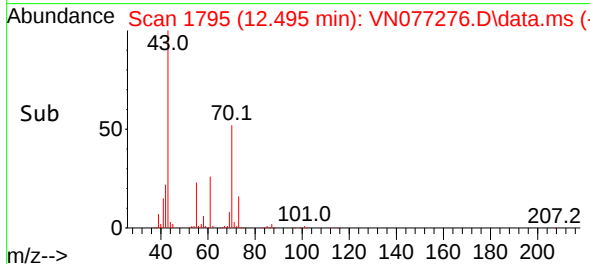
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



Tgt Ion: 43 Resp: 226820
Ion Ratio Lower Upper
43 100
55 24.2 19.4 29.0

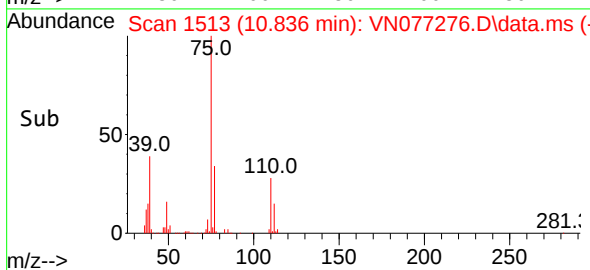
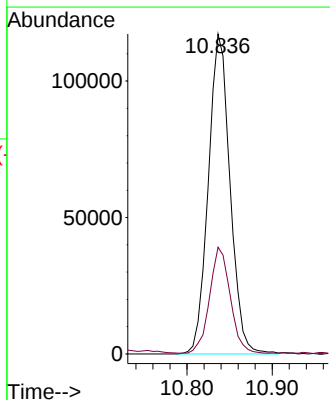
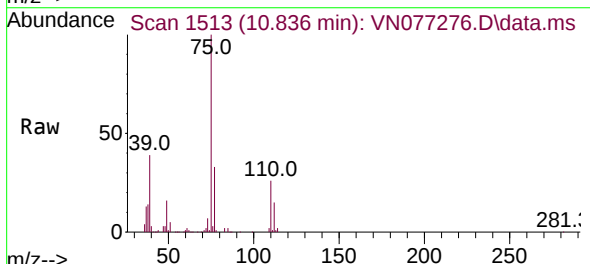
Manual Integrations
APPROVED

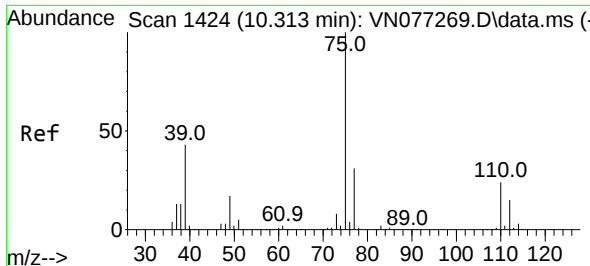
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#48
t-1,3-Dichloropropene
Concen: 19.781 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

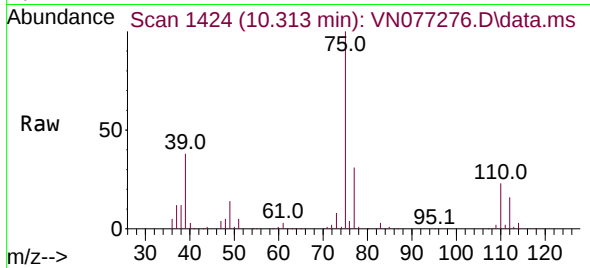
Tgt Ion: 75 Resp: 208199
Ion Ratio Lower Upper
75 100
77 33.1 26.5 39.7





#49
 cis-1,3-Dichloropropene
 Concen: 19.638 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077276.D
 Acq: 07 Apr 2023 13:46

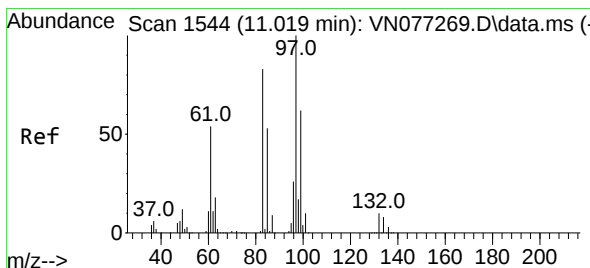
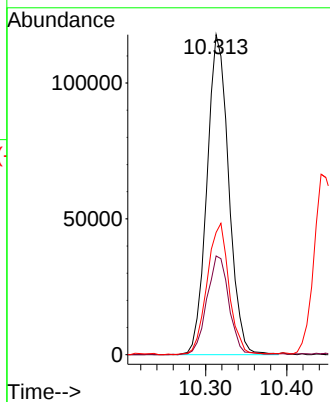
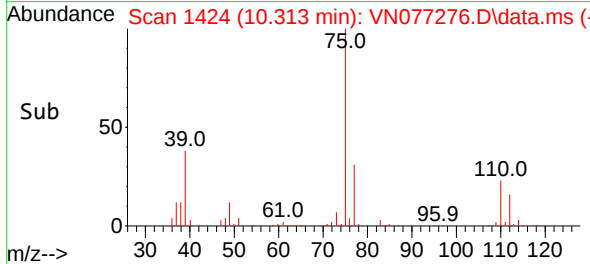
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBS01



Tgt Ion: 75 Resp: 219884
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.0 37.6
 39 38.1 34.4 51.6

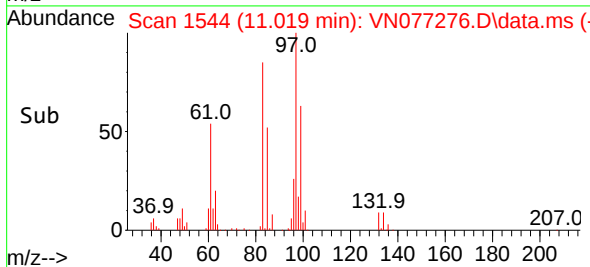
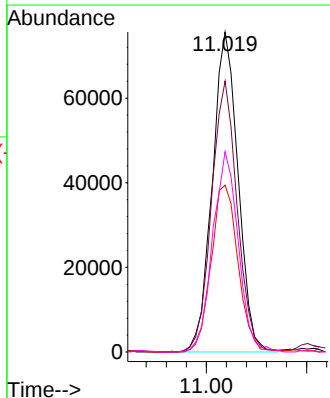
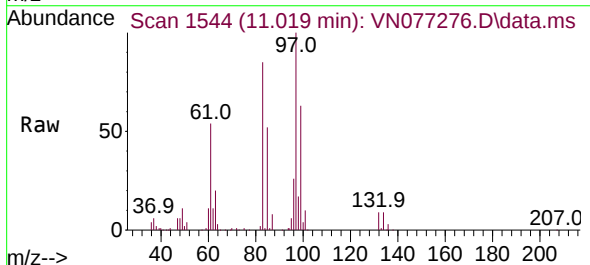
Manual Integrations
 APPROVED

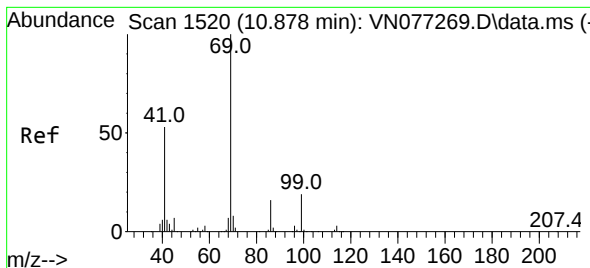
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023



#50
 1,1,2-Trichloroethane
 Concen: 19.678 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077276.D
 Acq: 07 Apr 2023 13:46

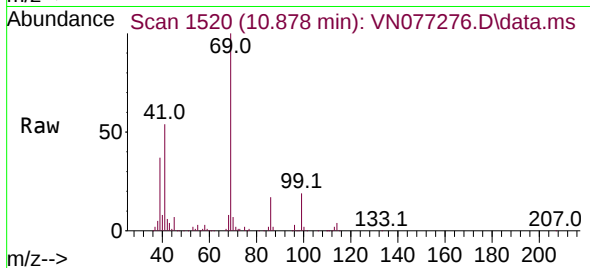
Tgt Ion: 97 Resp: 134805
 Ion Ratio Lower Upper
 97 100
 83 84.7 66.7 100.1
 85 52.1 42.4 63.6
 99 62.6 49.3 73.9





#51
Ethyl methacrylate
Concen: 19.932 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

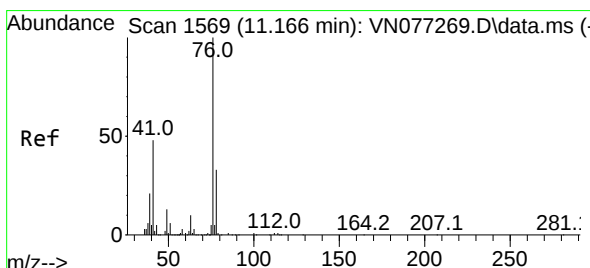
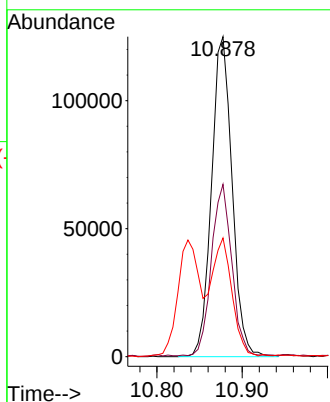
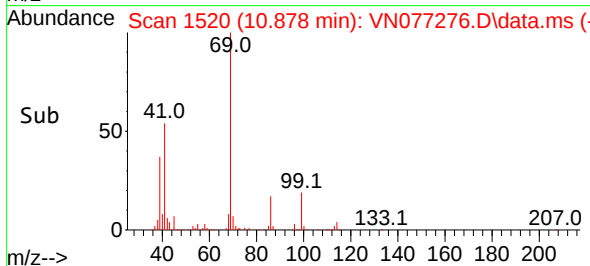
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



Tgt Ion: 69 Resp: 209684
Ion Ratio Lower Upper
69 100
41 53.6 26.7 80.0
39 36.6 17.0 50.9

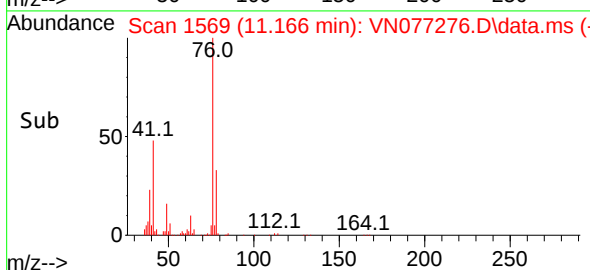
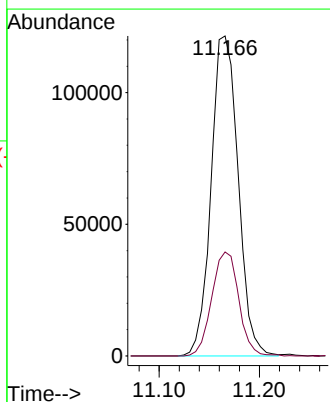
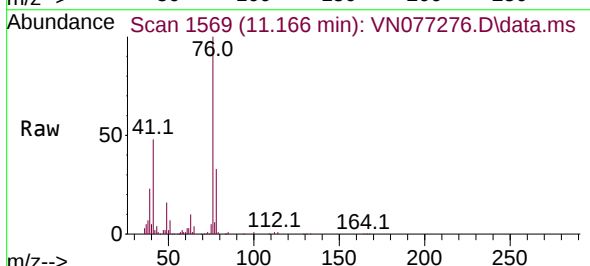
Manual Integrations
APPROVED

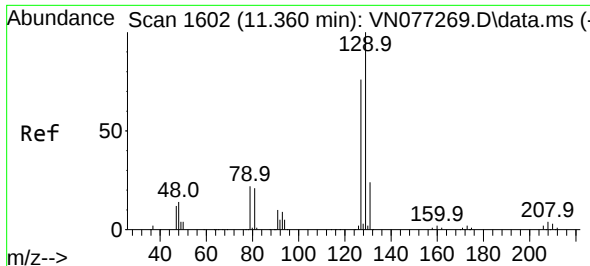
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#52
1,3-Dichloropropane
Concen: 19.897 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

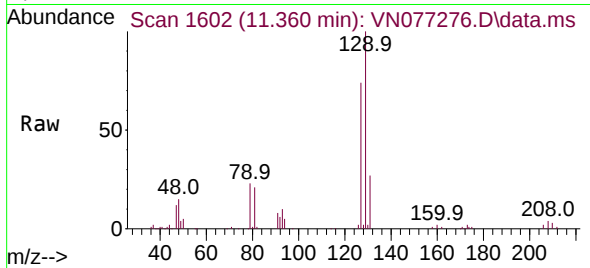
Tgt Ion: 76 Resp: 227491
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.0





#53
Dibromochloromethane
Concen: 19.665 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

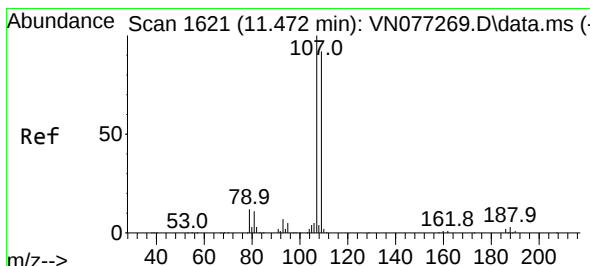
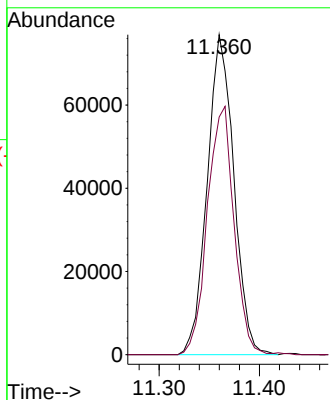
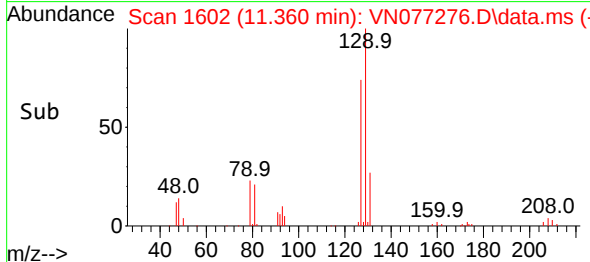
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



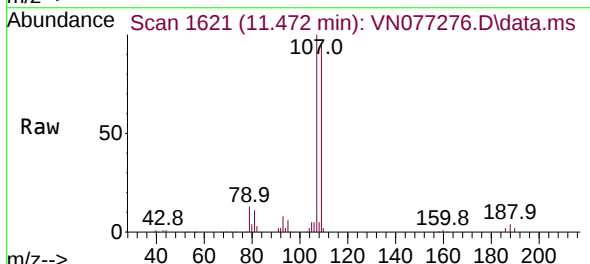
Tgt Ion:129 Resp: 141988
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8

Manual Integrations
APPROVED

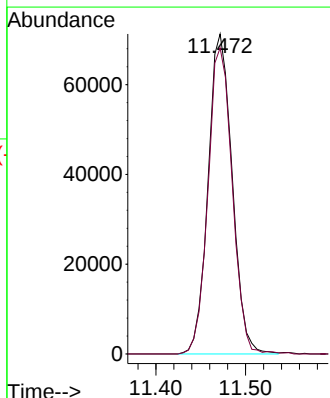
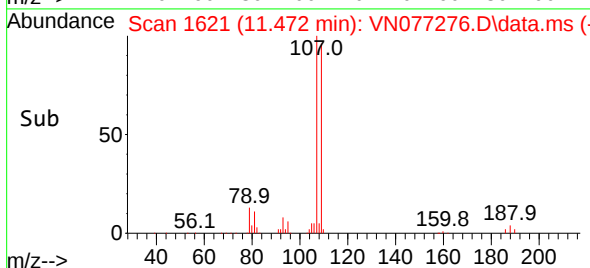
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

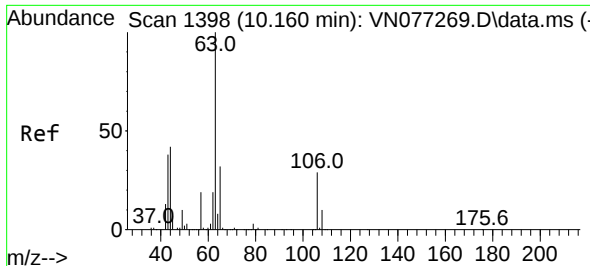


#54
1,2-Dibromoethane
Concen: 19.332 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46



Tgt Ion:107 Resp: 132950
Ion Ratio Lower Upper
107 100
109 95.8 74.1 111.1





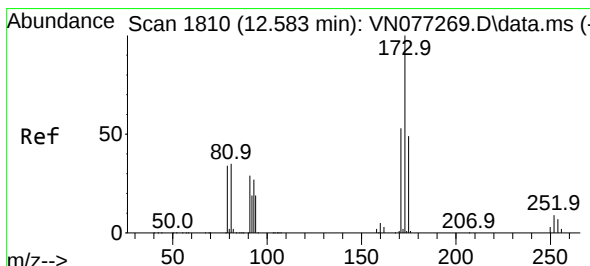
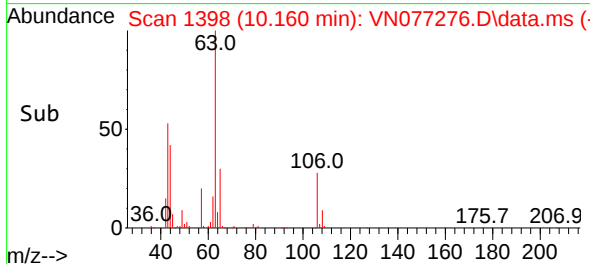
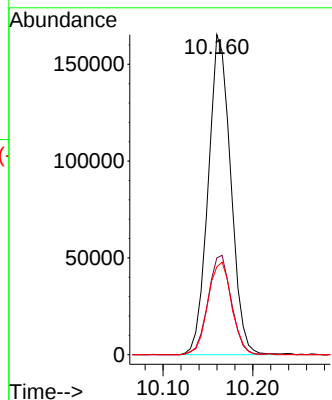
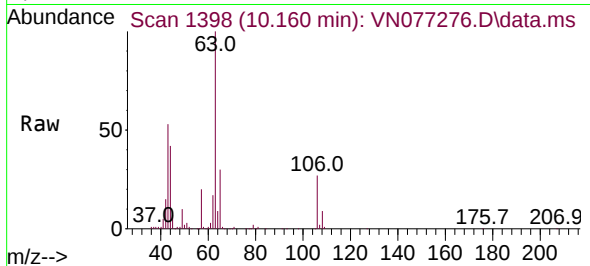
#55
2-Chloroethyl vinyl ether
Concen: 88.667 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01

Tgt Ion: 63 Resp: 287994
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 30.6 24.0 36.0

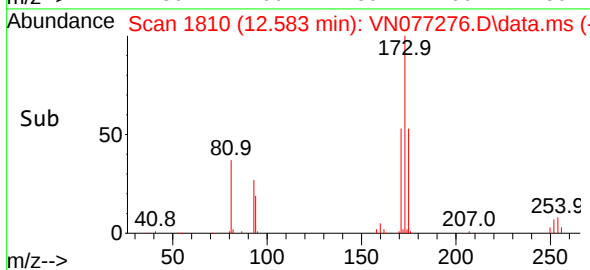
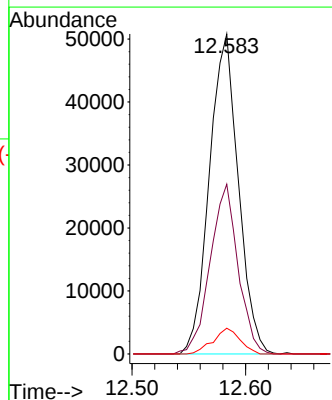
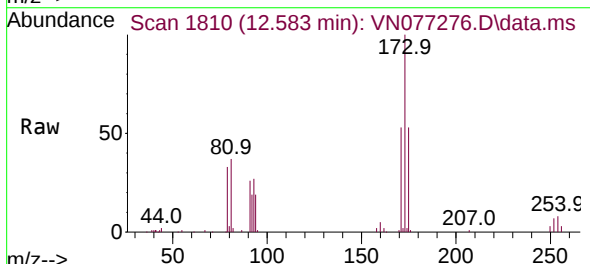
Manual Integrations
APPROVED

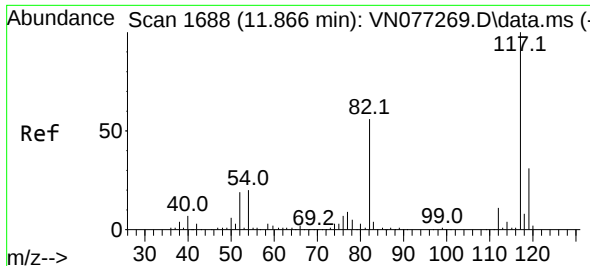
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#56
Bromoform
Concen: 18.558 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

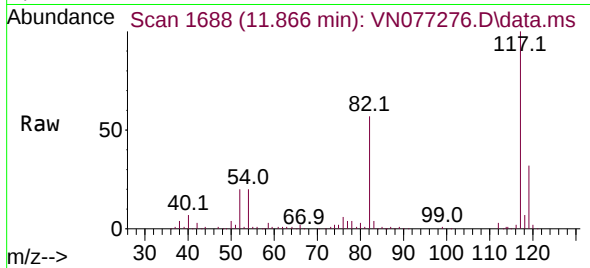
Tgt Ion:173 Resp: 90008
Ion Ratio Lower Upper
173 100
175 51.0 38.2 57.2
254 7.5 6.0 9.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

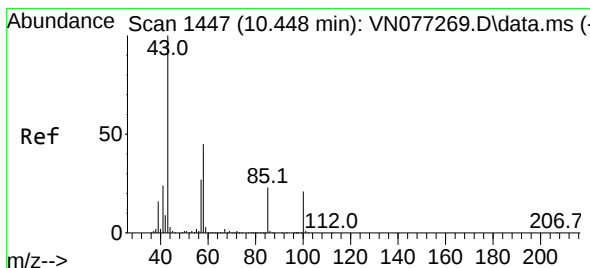
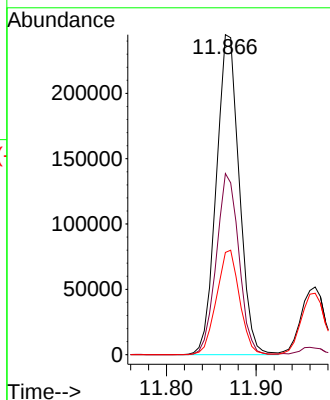
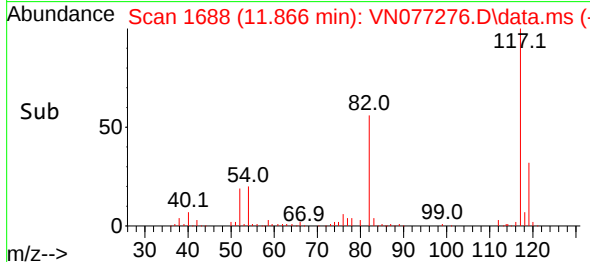
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



Tgt Ion: 117 Resp: 43452
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 32.9 25.4 38.0

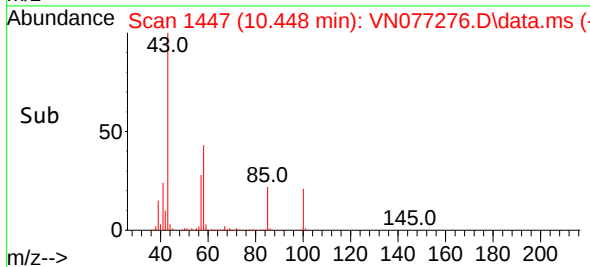
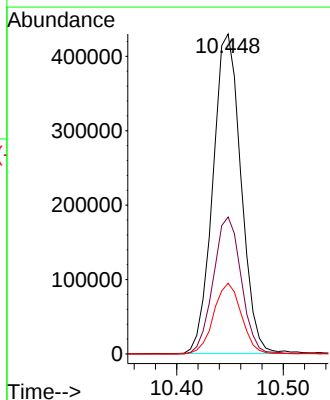
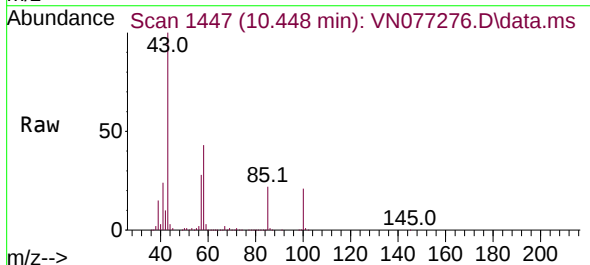
Manual Integrations
APPROVED

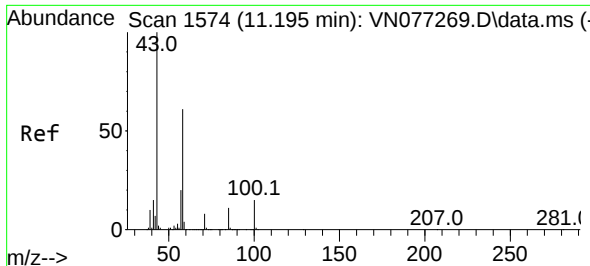
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#58
4-Methyl-2-Pentanone
Concen: 96.617 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

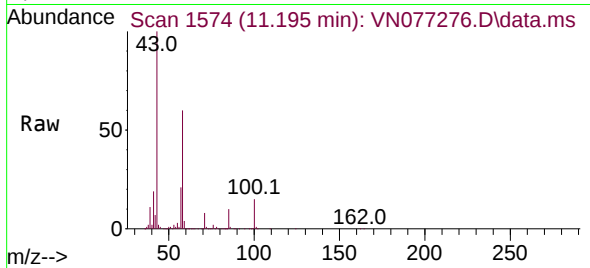
Tgt Ion: 43 Resp: 786049
Ion Ratio Lower Upper
43 100
58 42.9 34.7 52.1
85 21.8 17.8 26.8





#59
2-Hexanone
Concen: 93.369 ug/l
RT: 11.195 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

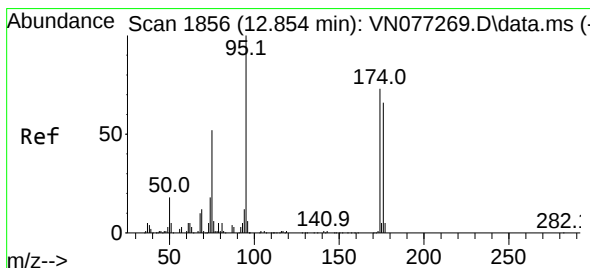
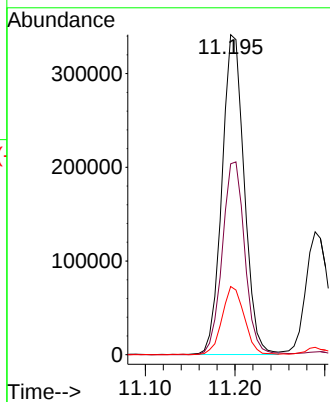
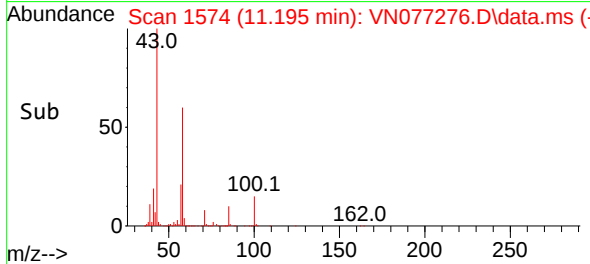
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



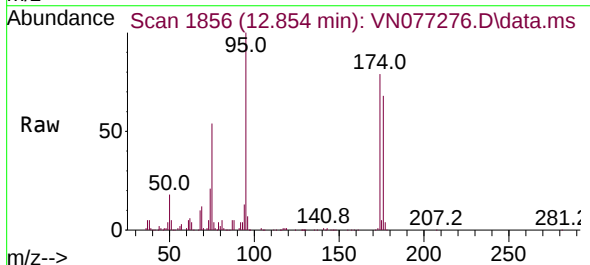
Tgt Ion: 43 Resp: 587162
Ion Ratio Lower Upper
43 100
58 61.1 48.6 73.0
57 21.2 16.7 25.1

Manual Integrations
APPROVED

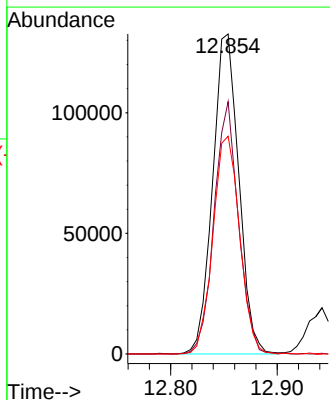
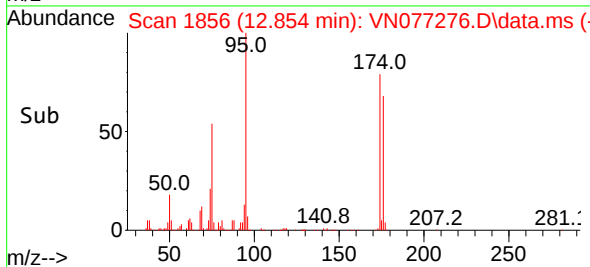
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

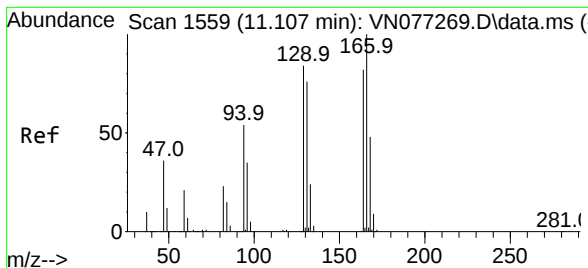


#60
4-Bromofluorobenzene
Concen: 30.098 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46



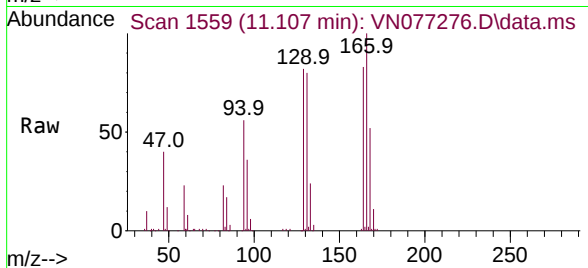
Tgt Ion: 95 Resp: 226143
Ion Ratio Lower Upper
95 100
174 73.1 57.8 86.8
176 69.3 54.6 81.8





#61
Tetrachloroethene
Concen: 19.102 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

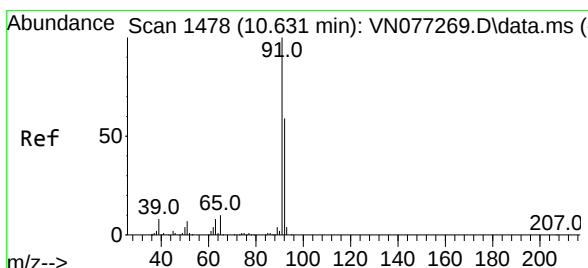
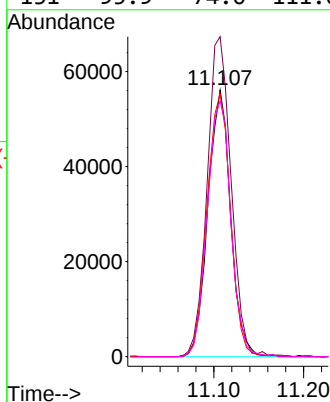
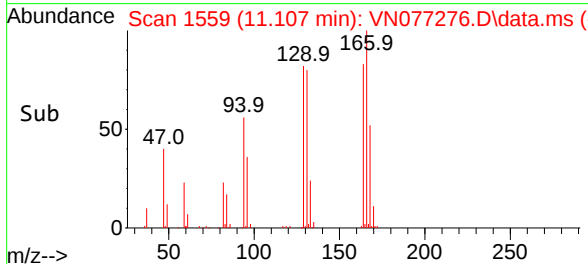
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



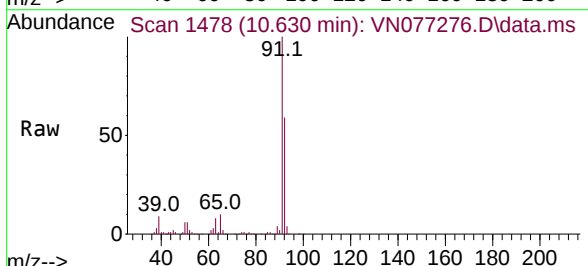
Tgt Ion:164 Resp: 98722
Ion Ratio Lower Upper
164 100
166 120.1 97.9 146.9
129 98.6 82.5 123.7
131 95.9 74.0 111.0

Manual Integrations
APPROVED

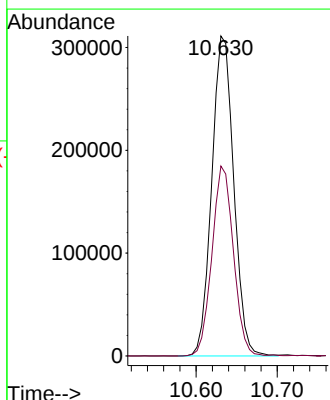
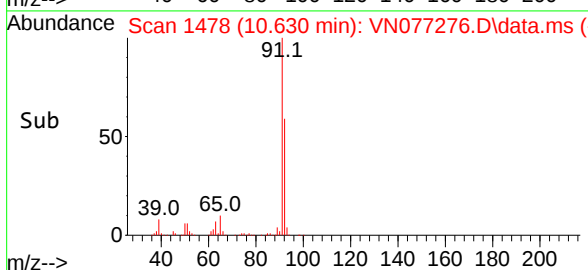
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

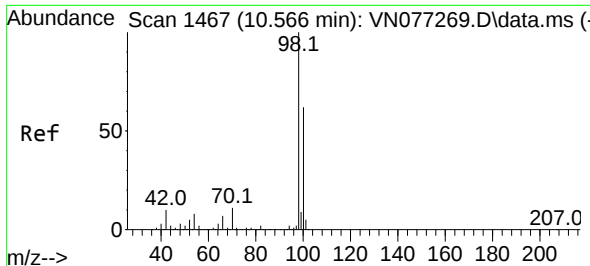


#62
Toluene
Concen: 19.309 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46



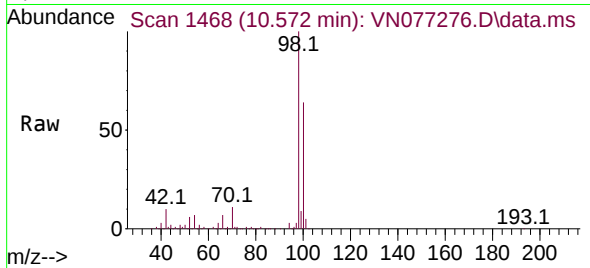
Tgt Ion: 91 Resp: 585402
Ion Ratio Lower Upper
91 100
92 58.0 46.6 70.0





#63
Toluene-d8
Concen: 30.035 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

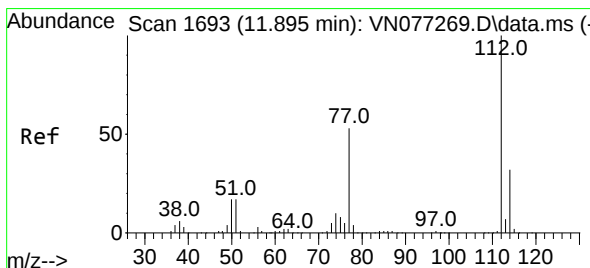
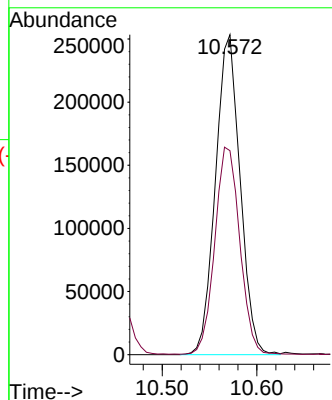
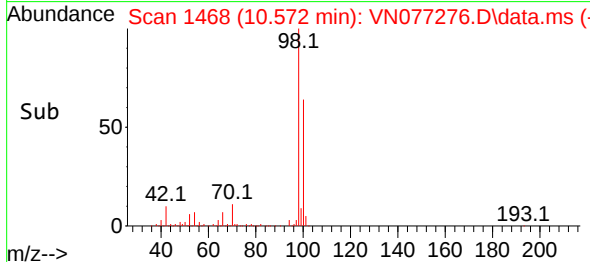
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



Tgt Ion: 98 Resp: 45880
Ion Ratio Lower Upper
98 100
100 66.0 51.4 77.2

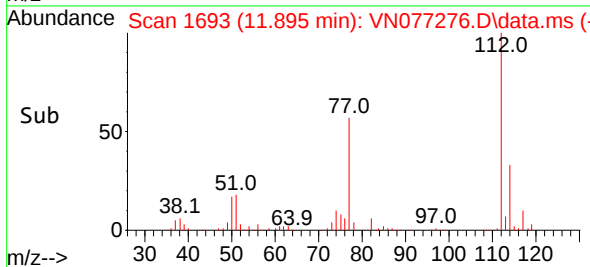
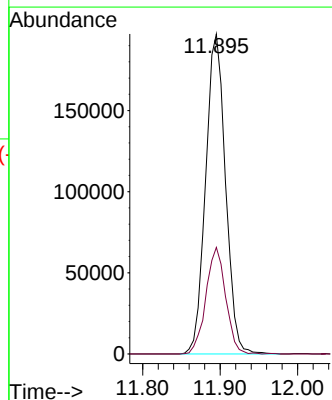
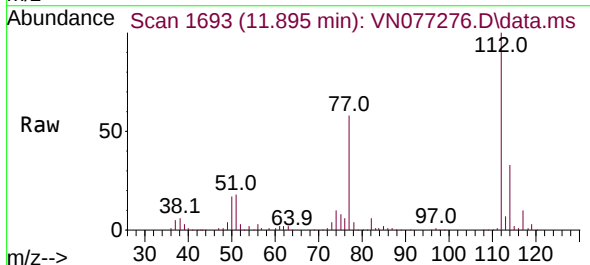
Manual Integrations
APPROVED

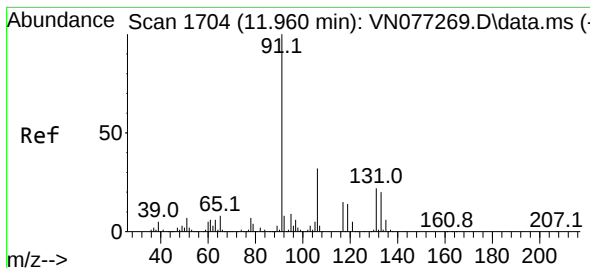
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#64
Chlorobenzene
Concen: 19.057 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

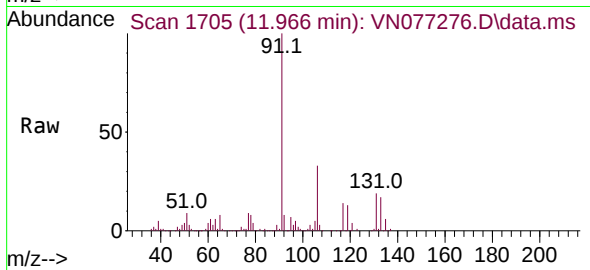
Tgt Ion:112 Resp: 351007
Ion Ratio Lower Upper
112 100
114 33.3 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 18.924 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

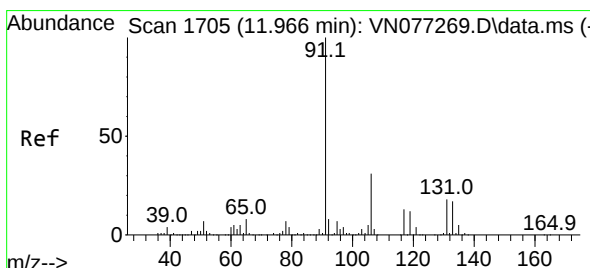
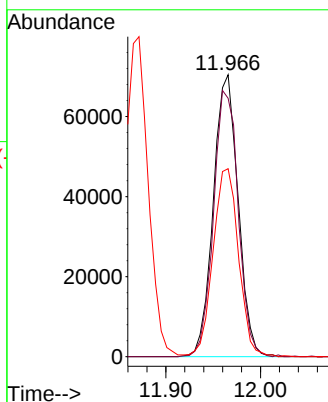
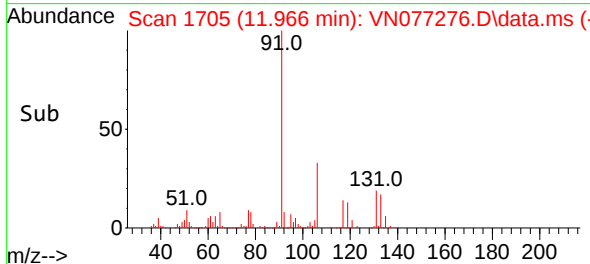
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



Tgt Ion:131 Resp: 12817
Ion Ratio Lower Upper
131 100
133 94.2 0.0 184.4
119 68.7 0.0 134.8

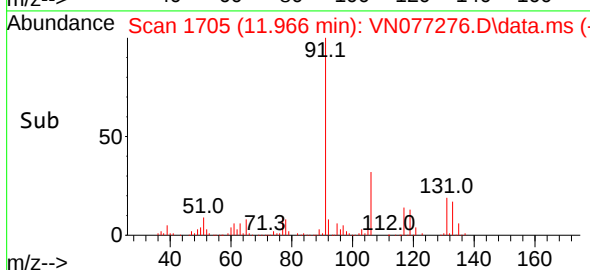
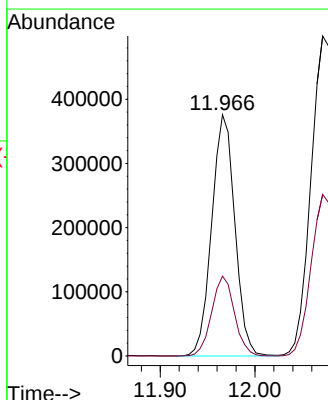
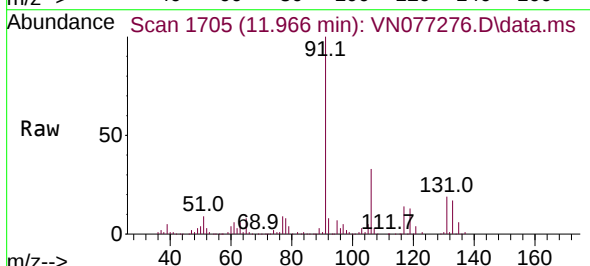
Manual Integrations
APPROVED

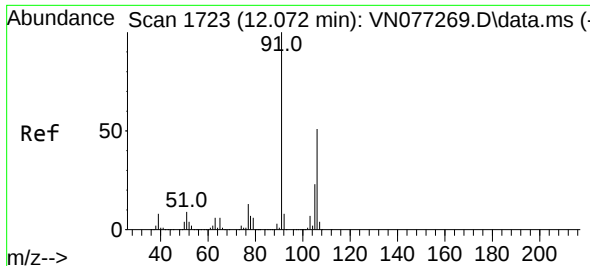
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#66
Ethyl Benzene
Concen: 18.990 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

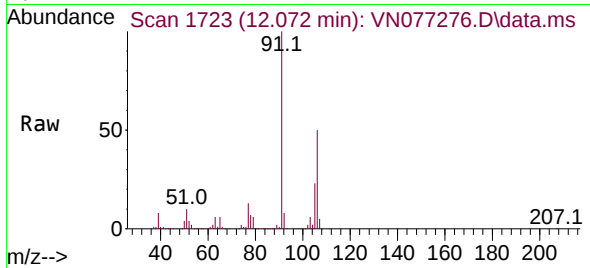
Tgt Ion: 91 Resp: 637837
Ion Ratio Lower Upper
91 100
106 33.1 25.0 37.6





#67
m/p-Xylenes
Concen: 38.041 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

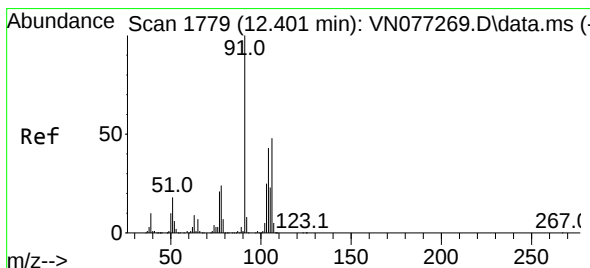
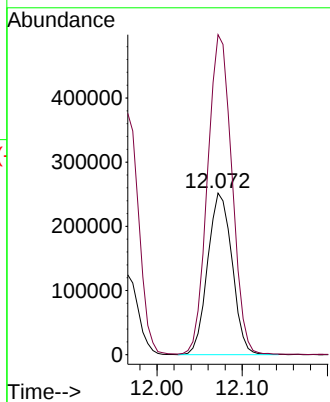
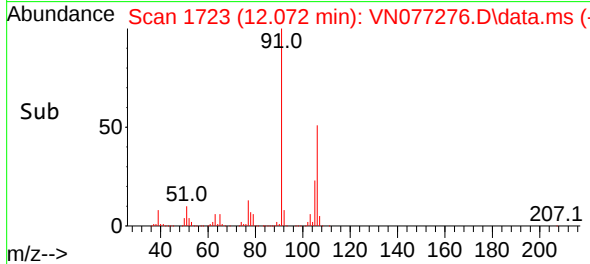
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



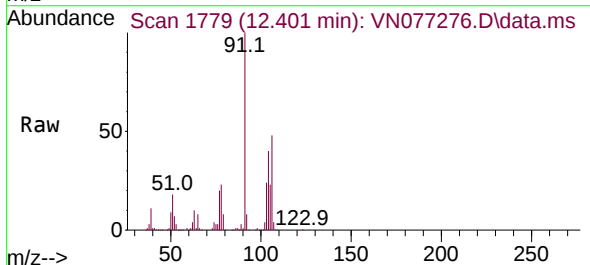
Tgt Ion:106 Resp: 500823
Ion Ratio Lower Upper
106 100
91 198.4 158.0 237.0

Manual Integrations
APPROVED

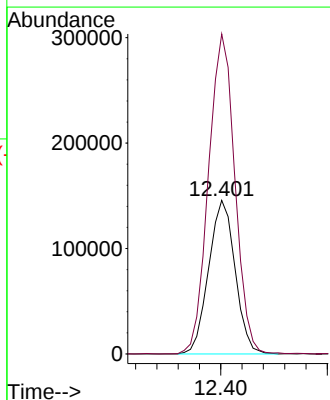
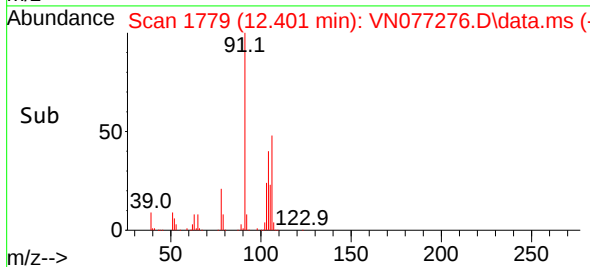
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

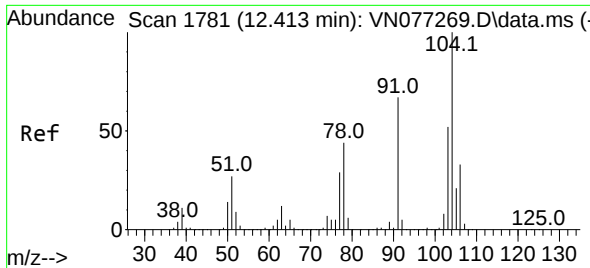


#68
o-Xylene
Concen: 19.072 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46



Tgt Ion:106 Resp: 251191
Ion Ratio Lower Upper
106 100
91 207.3 103.6 310.8





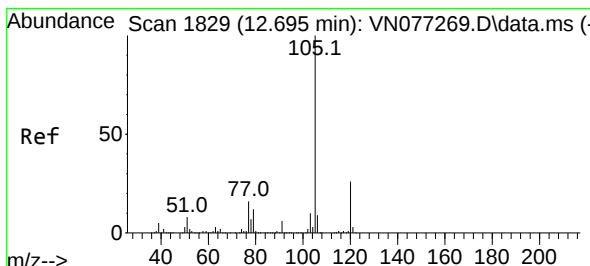
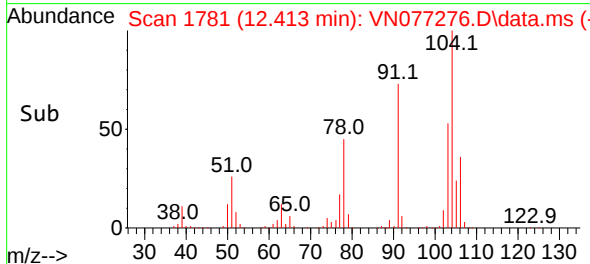
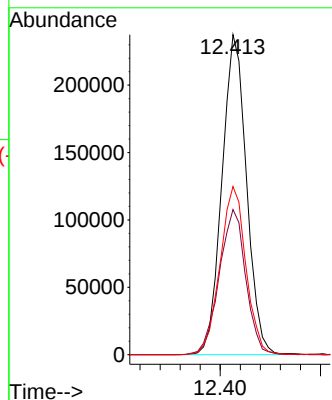
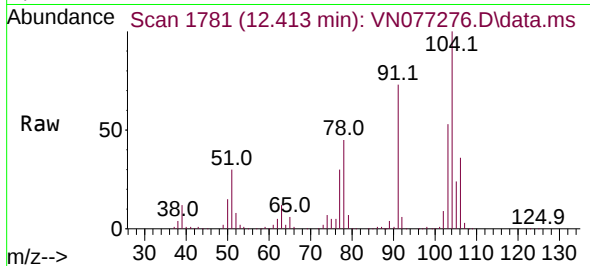
#69
Styrene
Concen: 19.090 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01

Tgt Ion:104 Resp: 402838
Ion Ratio Lower Upper
104 100
78 49.0 38.2 57.4
103 55.5 43.6 65.4

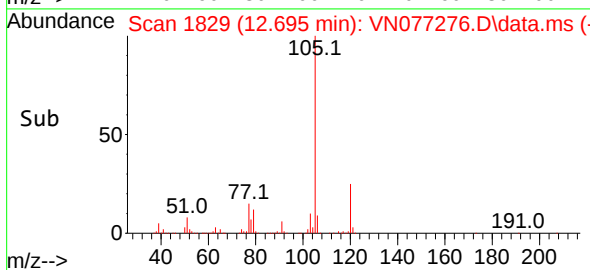
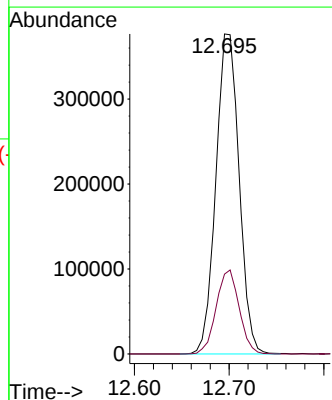
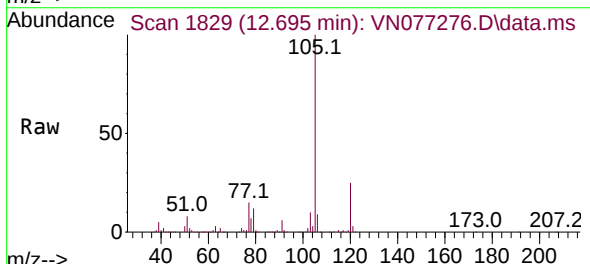
Manual Integrations
APPROVED

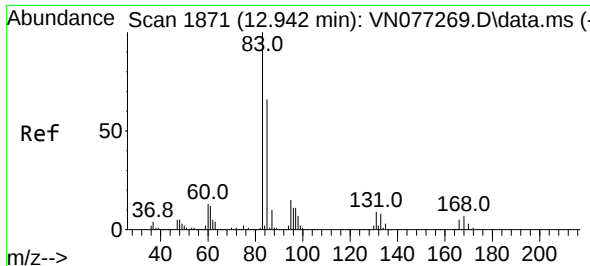
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#70
Isopropylbenzene
Concen: 19.225 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

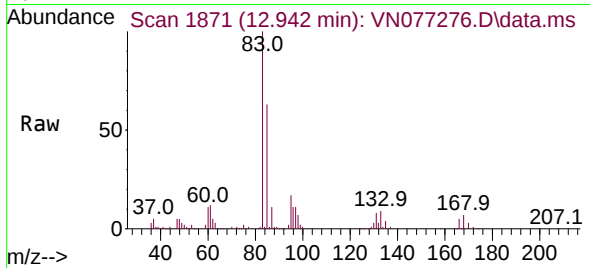
Tgt Ion:105 Resp: 642611
Ion Ratio Lower Upper
105 100
120 25.9 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.549 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

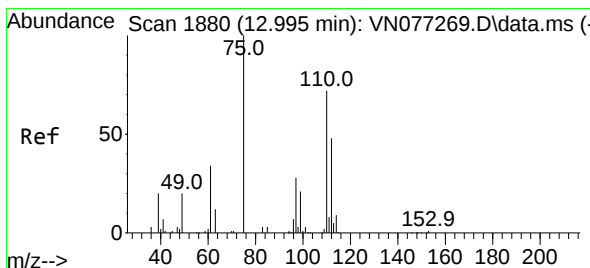
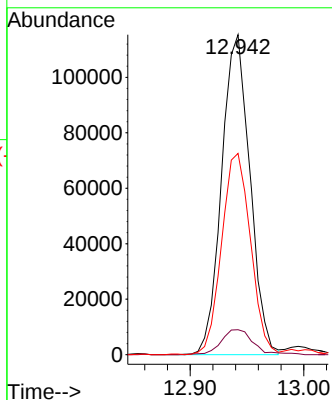
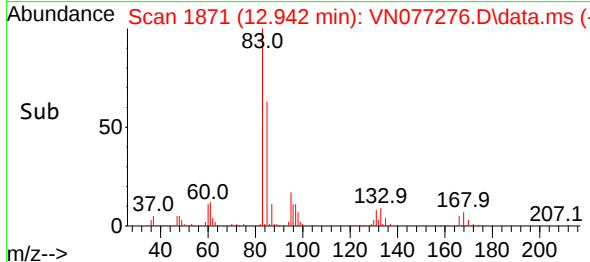
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



Tgt Ion: 83 Resp: 20010
Ion Ratio Lower Upper
83 100
131 8.3 4.7 14.0
85 64.1 32.3 96.8

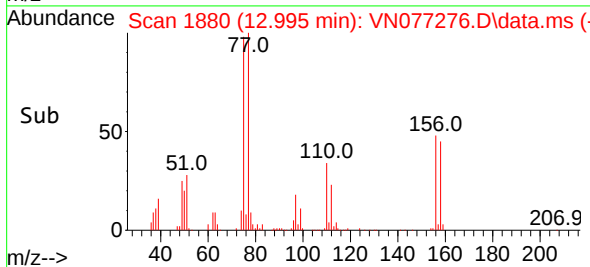
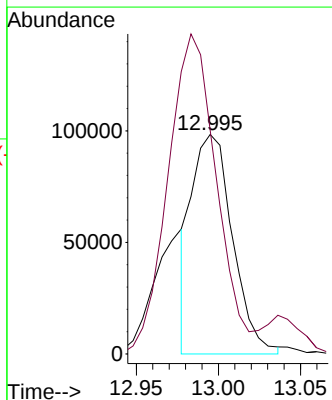
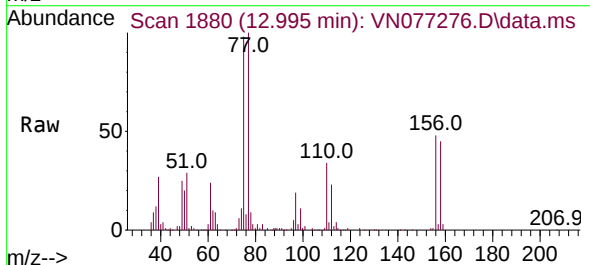
Manual Integrations
APPROVED

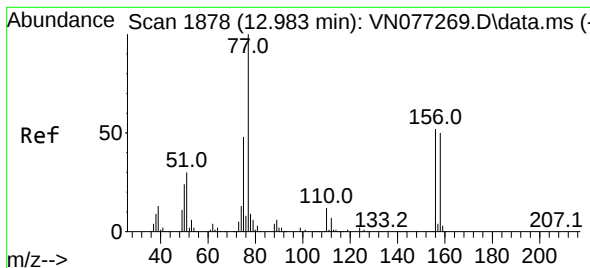
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#72
1,2,3-Trichloropropane
Concen: 24.322 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

Tgt Ion: 75 Resp: 169235
Ion Ratio Lower Upper
75 100
77 173.4 0.0 434.2





#73

Bromobenzene

Concen: 19.425 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN077276.D

Acq: 07 Apr 2023 13:46

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS01

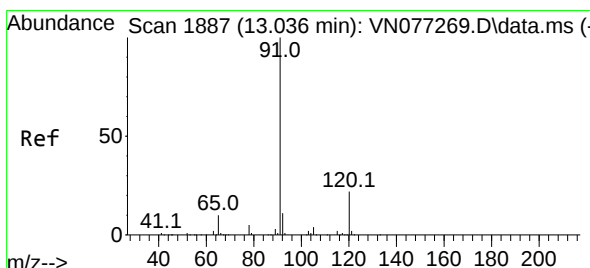
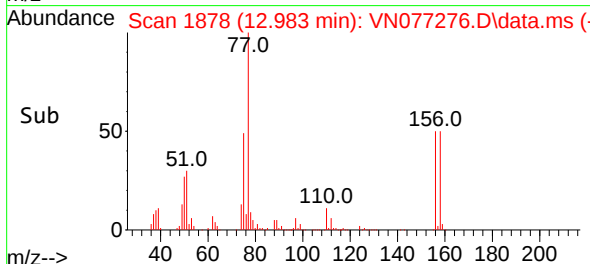
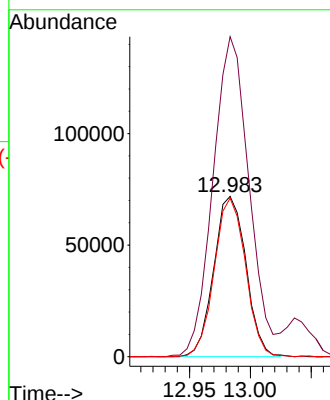
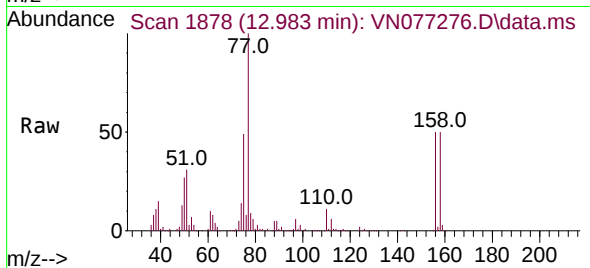
Tgt Ion:	156	Resp:	131910
Ion Ratio	Lower	Upper	
156	100		
77	222.4	0.0	456.6
158	96.0	0.0	195.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#74

n-propylbenzene

Concen: 19.214 ug/l

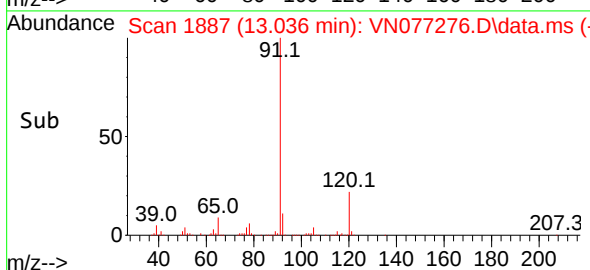
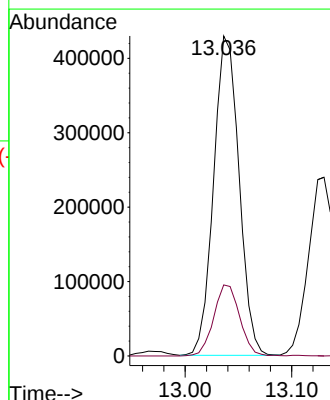
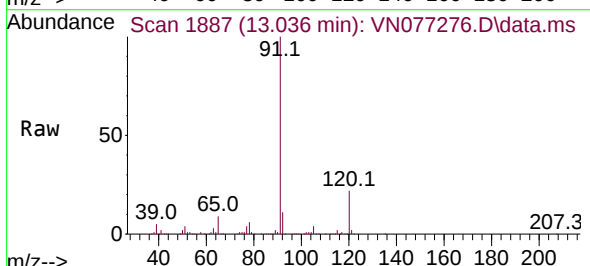
RT: 13.036 min Scan# 1887

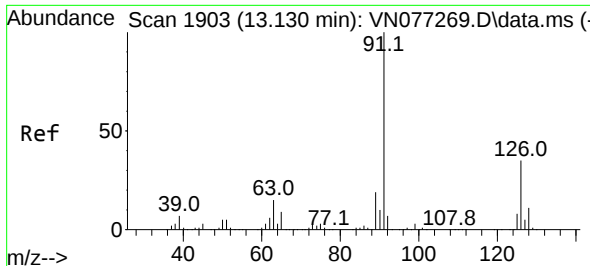
Delta R.T. -0.000 min

Lab File: VN077276.D

Acq: 07 Apr 2023 13:46

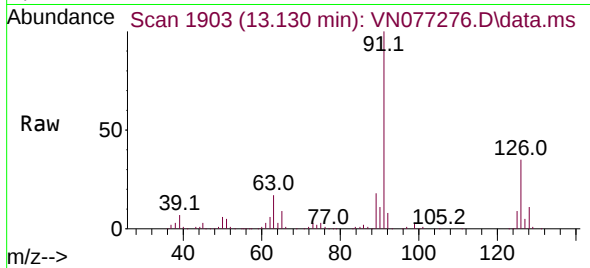
Tgt Ion:	91	Resp:	710598
Ion Ratio	Lower	Upper	
91	100		
120	22.7	0.0	45.6





#75
2-Chlorotoluene
Concen: 19.213 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

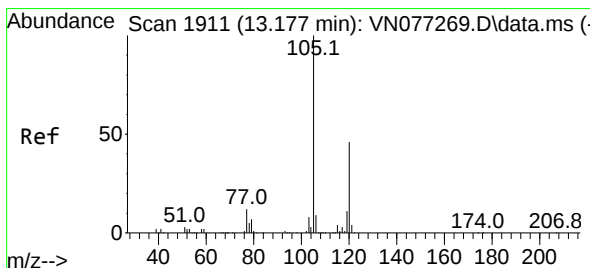
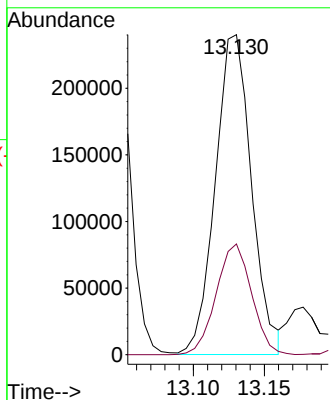
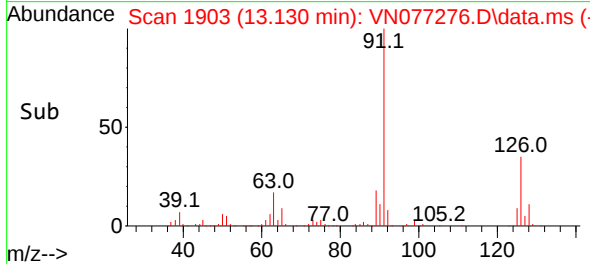
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



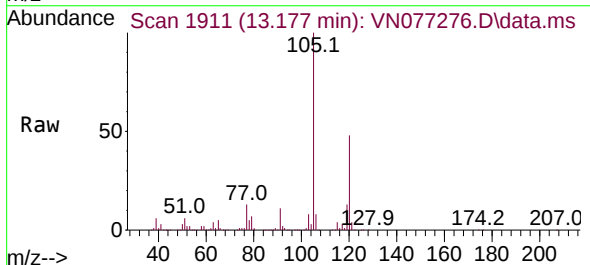
Tgt Ion: 91 Resp: 425682
Ion Ratio Lower Upper
91 100
126 33.8 0.0 67.0

Manual Integrations
APPROVED

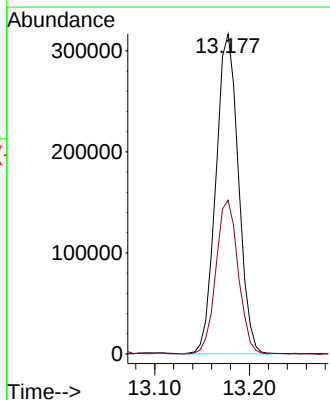
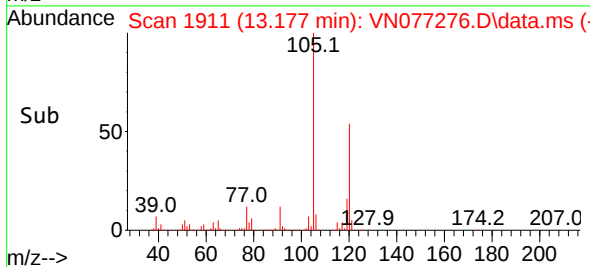
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

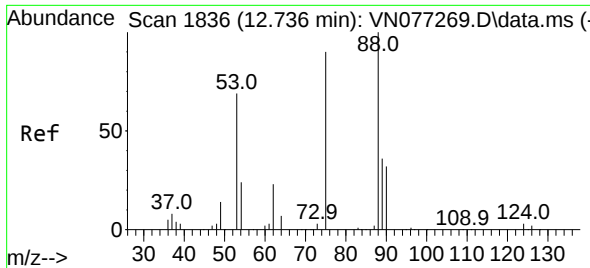


#76
1,3,5-Trimethylbenzene
Concen: 19.287 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46



Tgt Ion:105 Resp: 524707
Ion Ratio Lower Upper
105 100
120 47.4 0.0 94.4





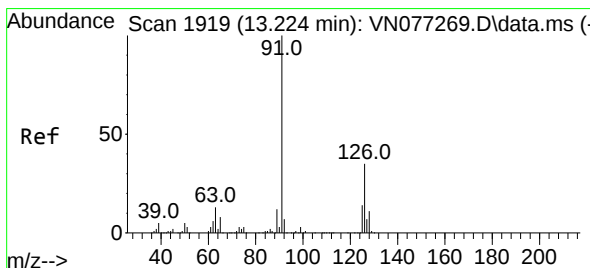
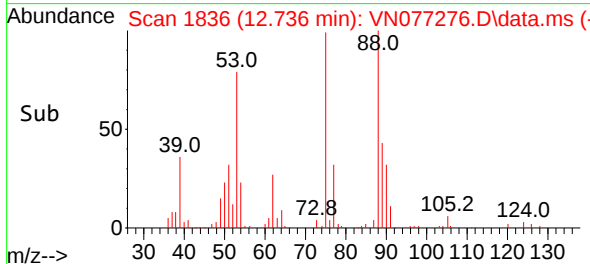
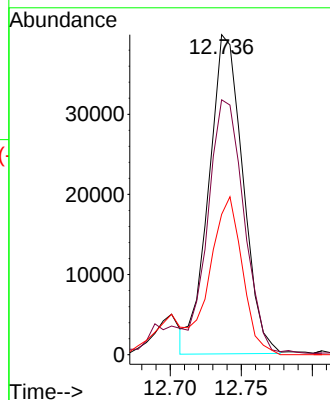
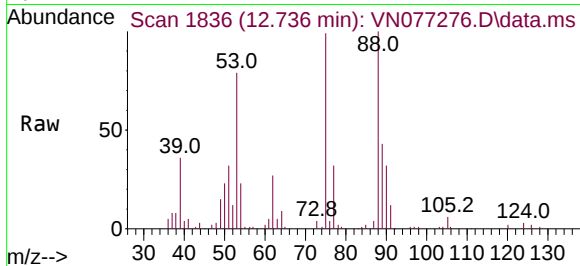
#77
t-1,4-Dichloro-2-butene
Concen: 18.828 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01

Tgt Ion: 75 Resp: 66728
Ion Ratio Lower Upper
75 100
53 79.4 38.8 116.4
89 44.2 23.2 69.6

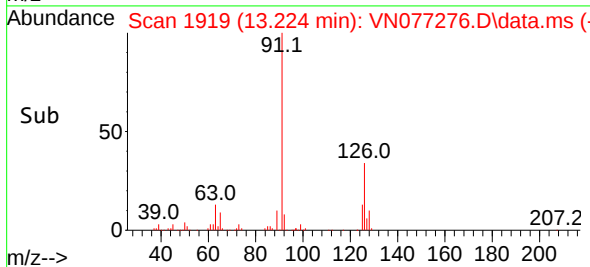
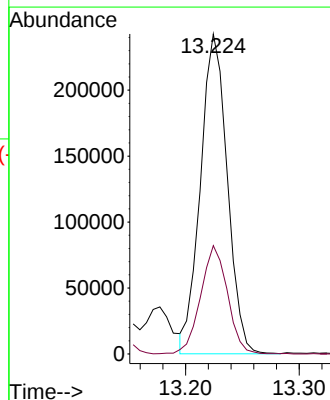
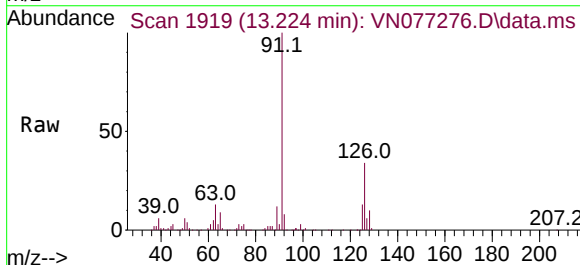
Manual Integrations
APPROVED

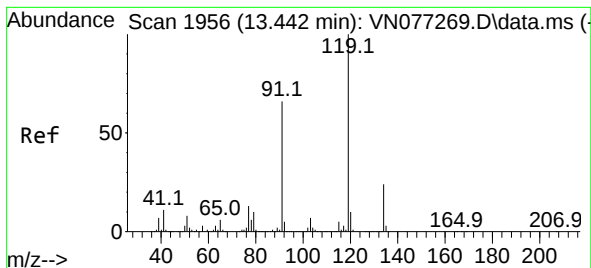
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#78
4-Chlorotoluene
Concen: 19.034 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

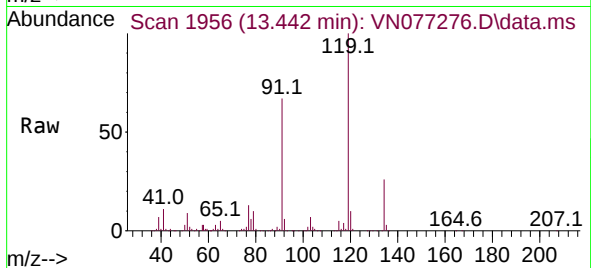
Tgt Ion: 91 Resp: 398468
Ion Ratio Lower Upper
91 100
126 33.8 0.0 67.4





#79
tert-butylbenzene
Concen: 18.903 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

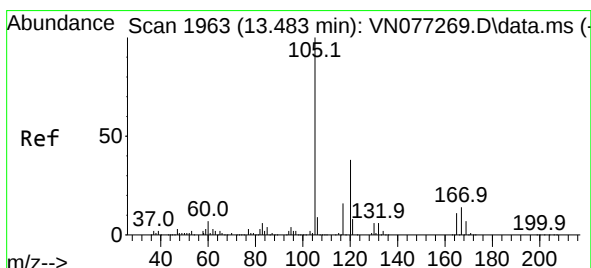
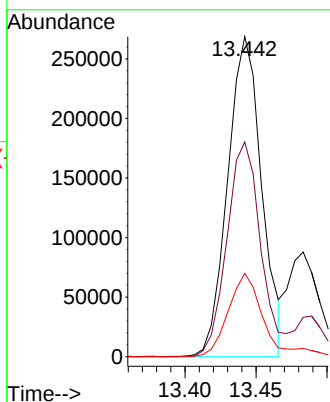
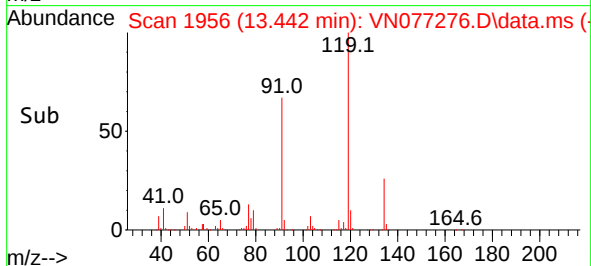
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



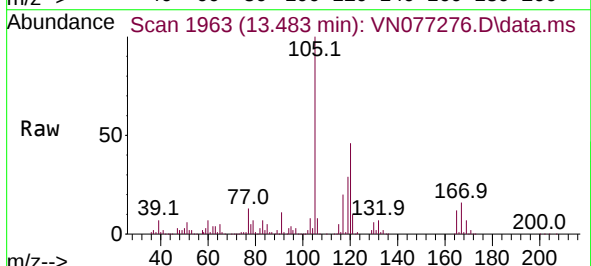
Tgt Ion:119 Resp: 447563
Ion Ratio Lower Upper
119 100
91 66.8 0.0 131.0
134 25.1 0.0 49.8

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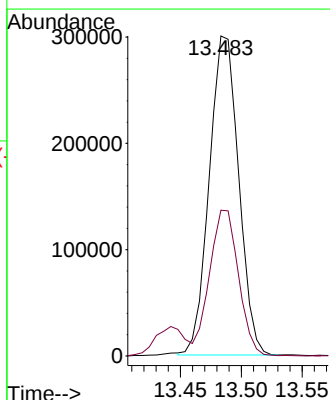
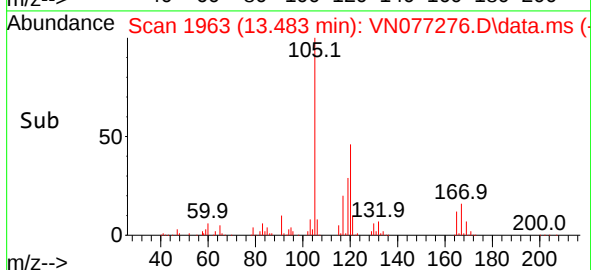
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

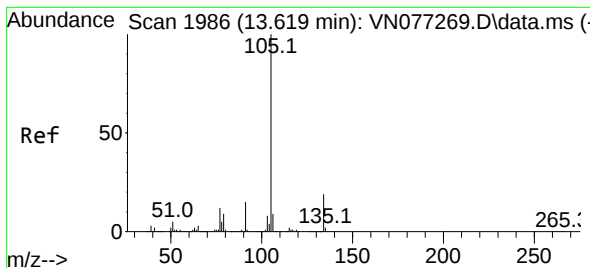


#80
1,2,4-Trimethylbenzene
Concen: 19.018 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46



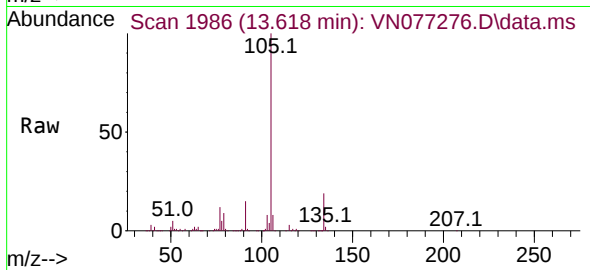
Tgt Ion:105 Resp: 504374
Ion Ratio Lower Upper
105 100
120 44.8 0.0 91.0





#81
 sec-Butylbenzene
 Concen: 19.297 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077276.D
 Acq: 07 Apr 2023 13:46

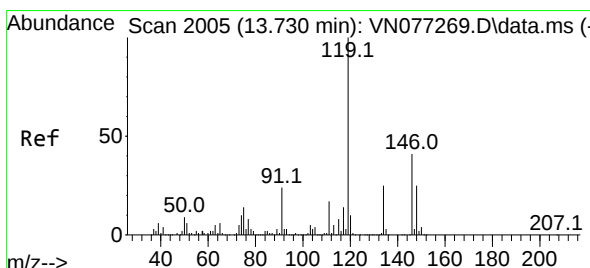
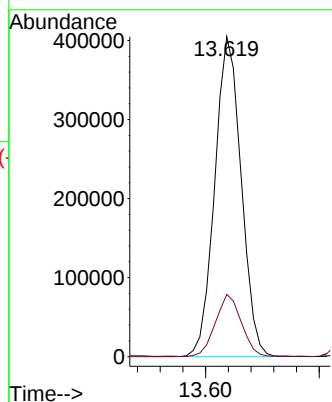
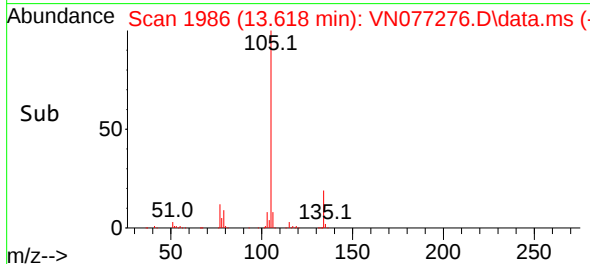
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBS01



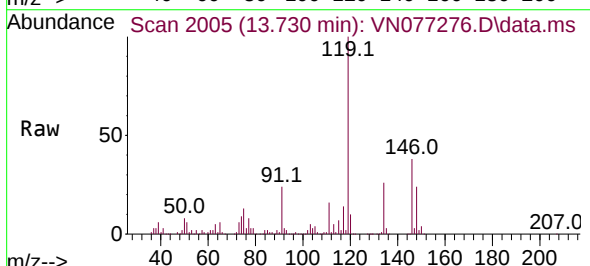
Tgt Ion:105 Resp: 65253
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.6

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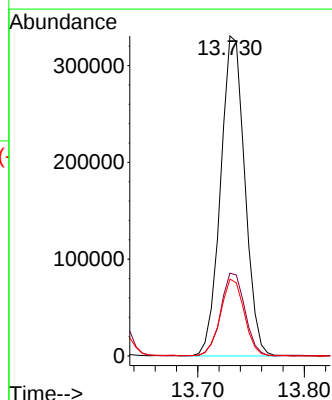
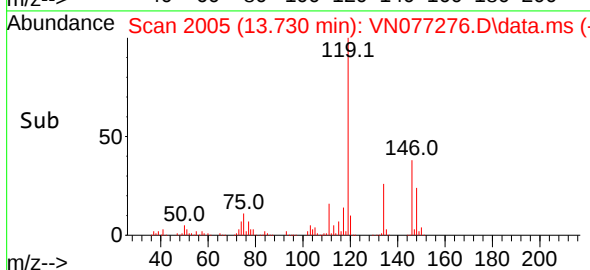
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023

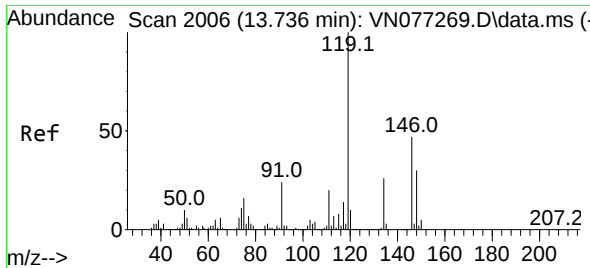


#82
 p-Isopropyltoluene
 Concen: 19.250 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077276.D
 Acq: 07 Apr 2023 13:46



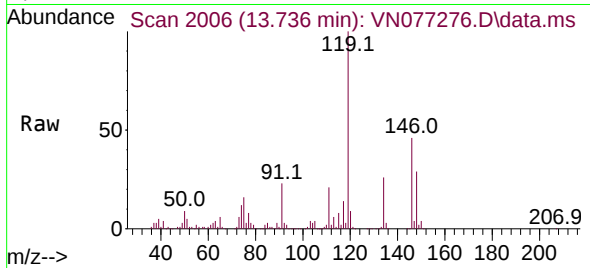
Tgt Ion:119 Resp: 521518
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.0
 91 23.7 0.0 48.0





#83
1,3-Dichlorobenzene
Concen: 18.925 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

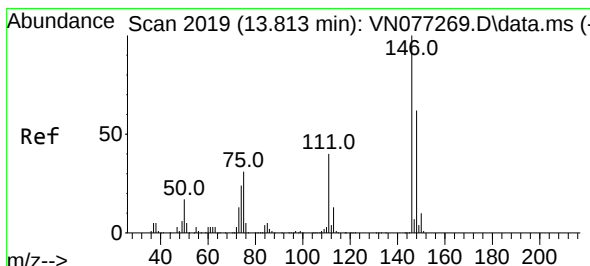
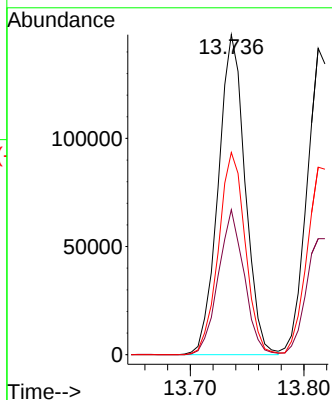
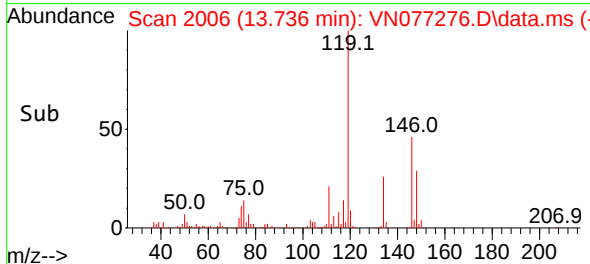
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



Tgt Ion:146 Resp: 243682
Ion Ratio Lower Upper
146 100
111 43.4 21.4 64.2
148 63.0 31.9 95.5

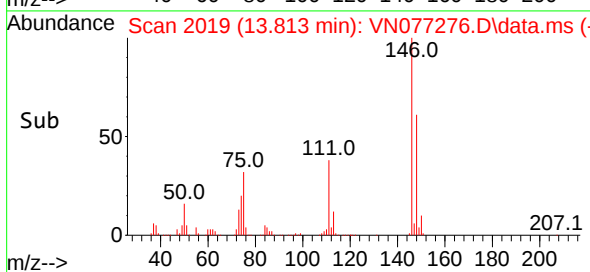
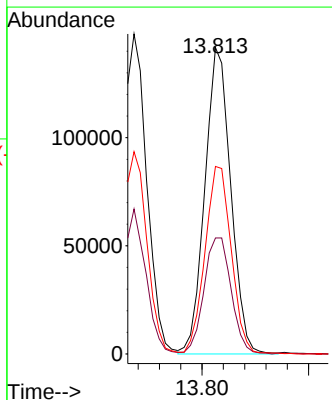
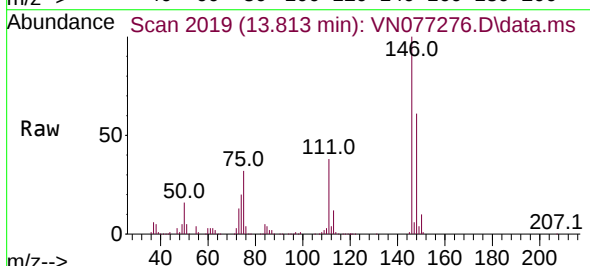
Manual Integrations
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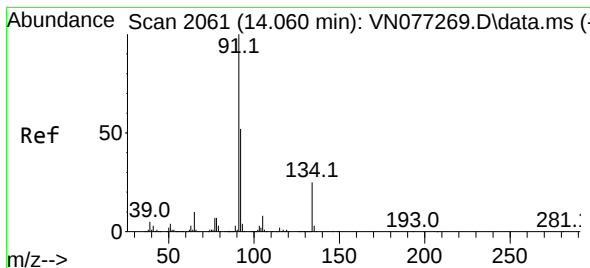
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#84
1,4-Dichlorobenzene
Concen: 19.161 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

Tgt Ion:146 Resp: 239363
Ion Ratio Lower Upper
146 100
111 39.8 20.3 61.0
148 62.3 31.6 94.7





#85

n-Butylbenzene

Concen: 18.973 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077276.D

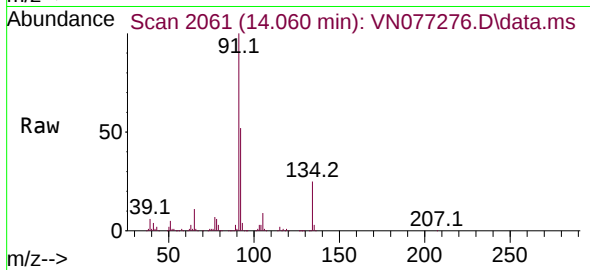
Acq: 07 Apr 2023 13:46

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS01



Tgt Ion: 91 Resp: 42474

Ion Ratio Lower Upper

91 100

92 52.4 0.0 105.6

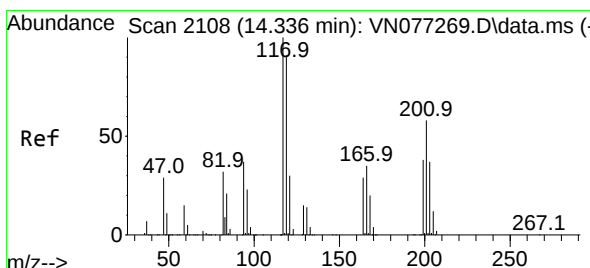
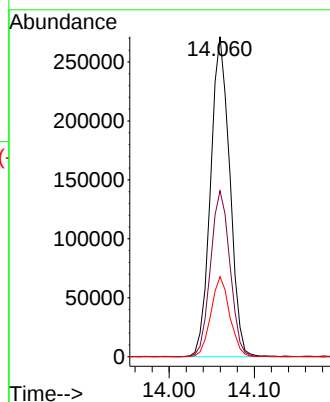
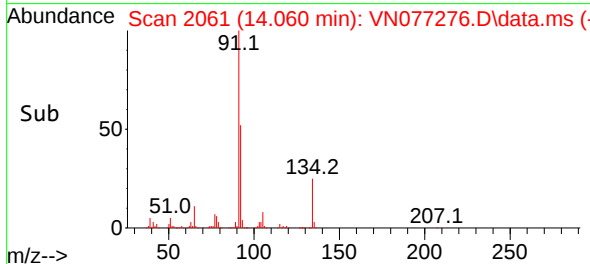
134 24.5 0.0 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#86

Hexachloroethane

Concen: 18.698 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN077276.D

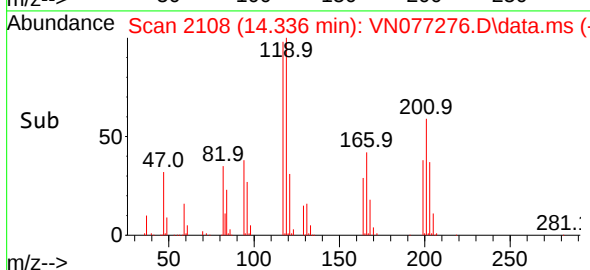
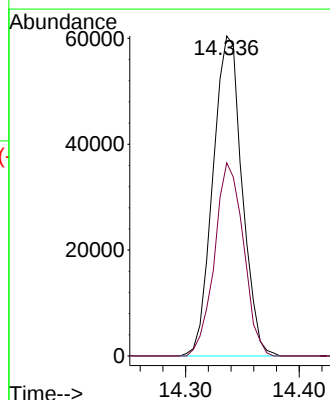
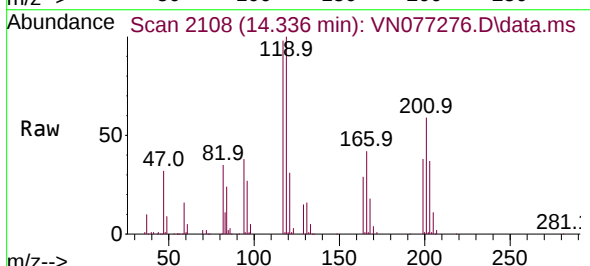
Acq: 07 Apr 2023 13:46

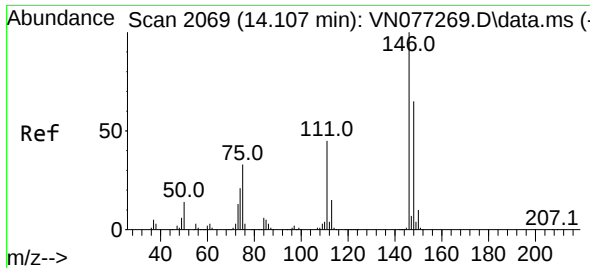
Tgt Ion:117 Resp: 107752

Ion Ratio Lower Upper

117 100

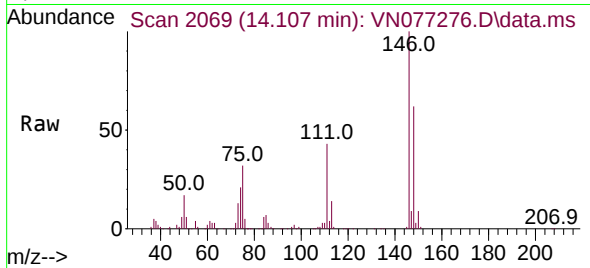
201 59.9 29.1 87.4





#87
1,2-Dichlorobenzene
Concen: 19.376 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

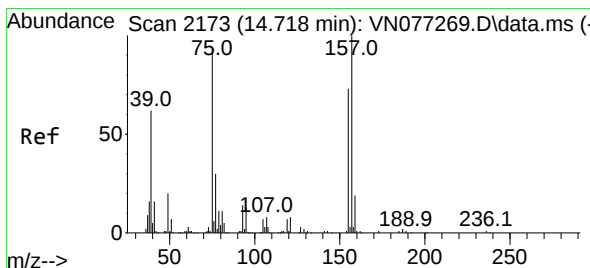
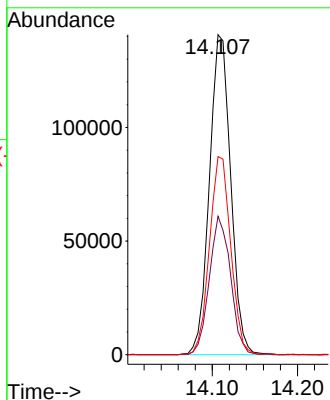
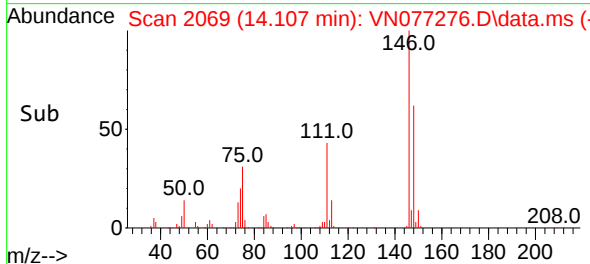
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



Tgt Ion:146 Resp: 24445
Ion Ratio Lower Upper
146 100
111 43.1 22.1 66.5
148 61.9 31.9 95.7

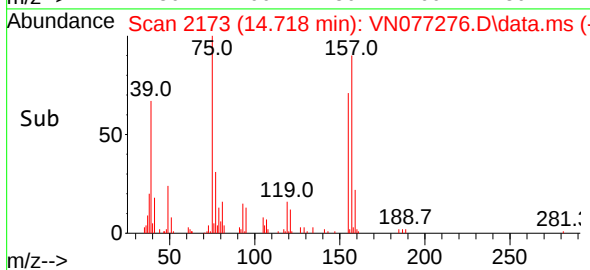
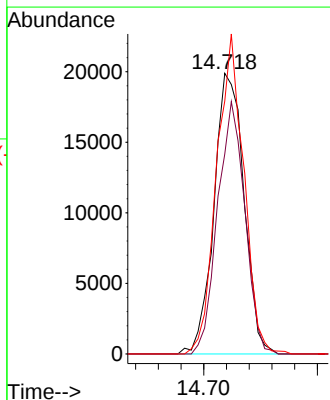
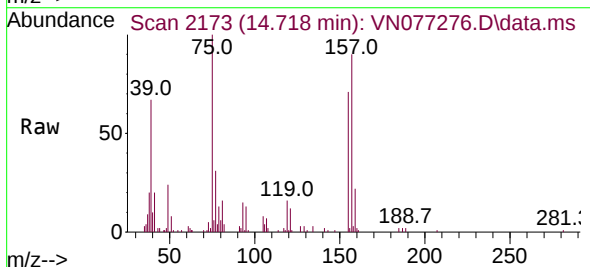
Manual Integrations
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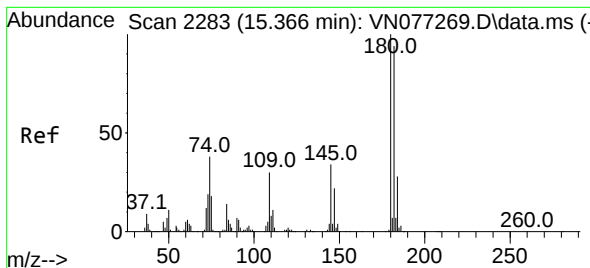
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.614 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

Tgt Ion: 75 Resp: 36511
Ion Ratio Lower Upper
75 100
155 81.4 67.8 101.6
157 102.8 86.3 129.5





#89

1,2,4-Trichlorobenzene

Concen: 18.102 ug/l

RT: 15.365 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077276.D

Acq: 07 Apr 2023 13:46

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS01

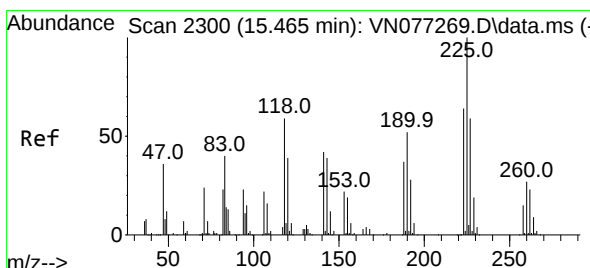
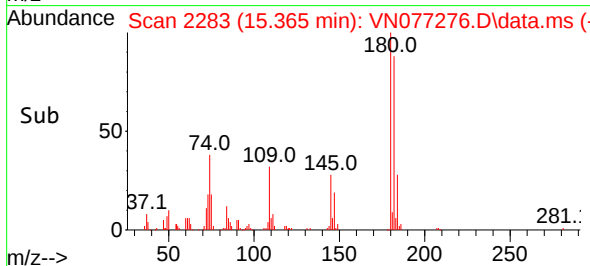
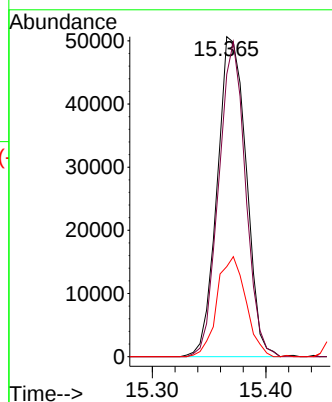
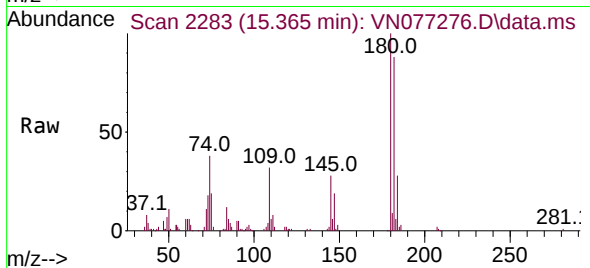
Tgt Ion:180	Resp:	89830
Ion Ratio	Lower	Upper
180	100	
182	90.8	75.6 113.4
145	31.0	26.7 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#90

Hexachlorobutadiene

Concen: 18.223 ug/l

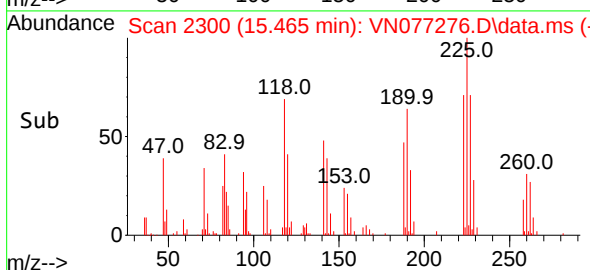
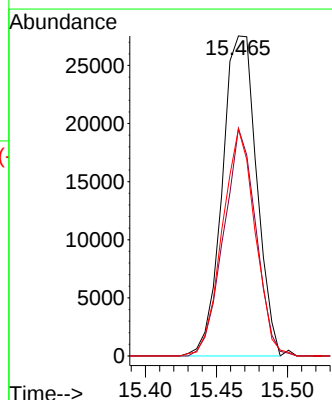
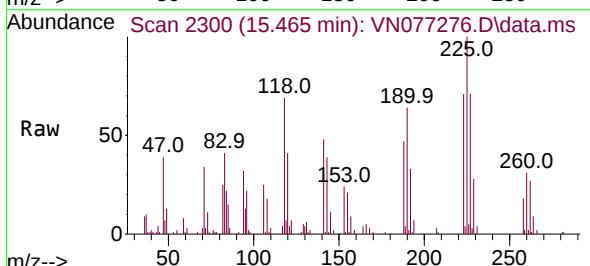
RT: 15.465 min Scan# 2300

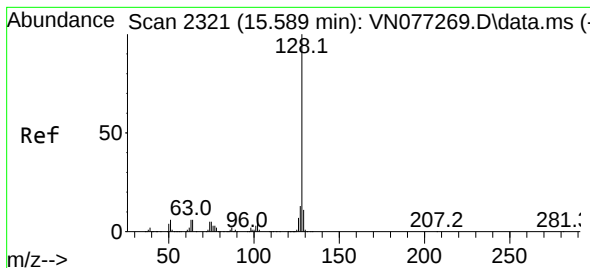
Delta R.T. -0.000 min

Lab File: VN077276.D

Acq: 07 Apr 2023 13:46

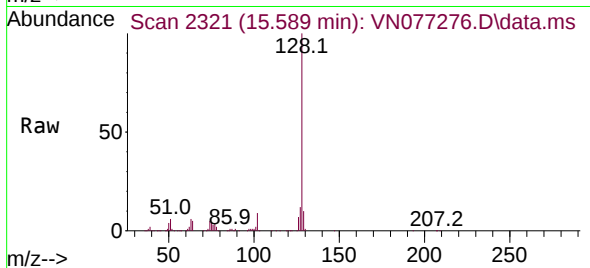
Tgt Ion:225	Resp:	46382
Ion Ratio	Lower	Upper
225	100	
223	66.2	0.0 126.0
227	67.6	0.0 127.2





#91
Naphthalene
Concen: 17.935 ug/l
RT: 15.589 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

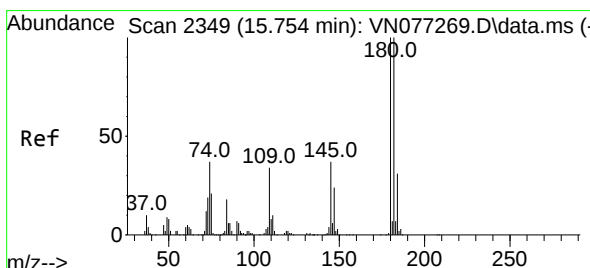
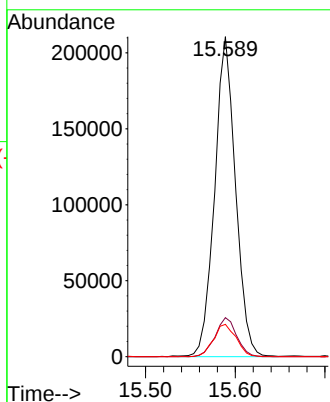
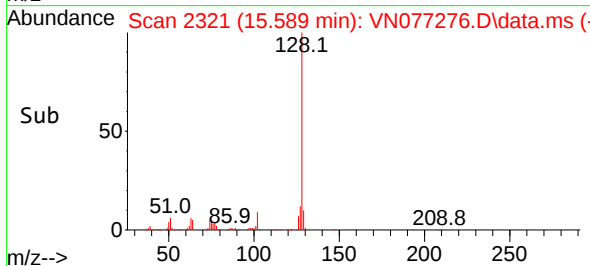
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01



Tgt Ion:128 Resp: 340038
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 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: 17.617 ug/l
RT: 15.760 min Scan# 2350
Delta R.T. 0.006 min
Lab File: VN077276.D
Acq: 07 Apr 2023 13:46

Tgt Ion:180 Resp: 85306
Ion Ratio Lower Upper
180 100
182 92.4 0.0 190.4
145 35.5 0.0 72.4

