

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077281.D
 Acq On : 07 Apr 2023 17:28
 Operator : JC\MD
 Sample : VN0407WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBS02

Quant Time: Apr 08 05:22:26 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	7.813	128	51928	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.107	114	406615	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.872	117	443527	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	132895	30.176	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.600%			
60) 4-Bromofluorobenzene	12.854	95	229262	29.894	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.633%			
63) Toluene-d8	10.572	98	471009	30.208	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.137	85	96793	19.607	ug/l	100
3) Chloromethane	2.372	50	130860	19.953	ug/l	98
4) Vinyl Chloride	2.525	62	187542	19.964	ug/l	100
5) Bromomethane	2.966	94	132426	18.707	ug/l	90
6) Chloroethane	3.131	64	134693	21.391	ug/l	99
7) Trichlorofluoromethane	3.507	101	172019	19.666	ug/l	96
8) Diethyl Ether	3.972	74	75019	20.122	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.390	101	106695	19.507	ug/l	98
10) 1,1-Dichloroethene	4.343	96	105901	19.354	ug/l	93
11) Methyl Iodide	4.601	142	122785	19.862	ug/l	95
12) Methyl Acetate	5.031	43	159662	19.585	ug/l #	84
13) Acrolein	4.190	56	93164m	92.068	ug/l	
14) Acrylonitrile	5.731	53	270997	97.250	ug/l	99
15) Acetone	4.437	58	77363	76.526	ug/l	99
16) Carbon Disulfide	4.725	76	271042	18.767	ug/l	98
17) Allyl chloride	5.037	41	126698	17.987	ug/l	97
18) Methylene Chloride	5.284	84	123152	19.381	ug/l	94
19) trans-1,2-Dichloroethene	5.796	96	116513	19.583	ug/l	98
20) Diisopropyl ether	6.684	45	326455	19.446	ug/l	95
21) 1,1-Dichloroethane	6.572	63	211175	19.846	ug/l	97
22) cis-1,2-Dichloroethene	7.490	96	141964	19.573	ug/l	100
23) tert-Butyl Alcohol	5.525	59	120827	97.515	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	386658	19.628	ug/l	98
25) Chloroform	7.966	83	230475	19.986	ug/l	97
26) Cyclohexane	8.260	56	177159	19.160	ug/l #	100
29) 1,1-Dichloropropene	8.372	75	166969	18.956	ug/l	99
30) 2-Butanone	7.484	43	358965	86.178	ug/l	98
31) 2,2-Dichloropropane	7.490	77	198569	18.364	ug/l #	73
32) 1,1,1-Trichloroethane	8.172	97	206655	19.064	ug/l	99
33) Carbon Tetrachloride	8.366	117	175288	18.946	ug/l	95
34) Benzene	8.613	78	528173	19.379	ug/l	98
35) Methacrylonitrile	7.784	41	76731	19.555	ug/l	96
36) 1,2-Dichloroethane	8.678	62	162381	19.003	ug/l	99
37) Trichloroethene	9.354	130	127127	19.070	ug/l	100
38) Methylcyclohexane	9.601	83	226940	18.996	ug/l	99
39) 1,2-Dichloropropane	9.625	63	130282	19.256	ug/l	97
40) Dibromomethane	9.713	93	93185	19.115	ug/l	98
41) Bromodichloromethane	9.889	83	187273	19.266	ug/l #	99
42) Vinyl Acetate	6.607	43	1125019	93.321	ug/l #	100

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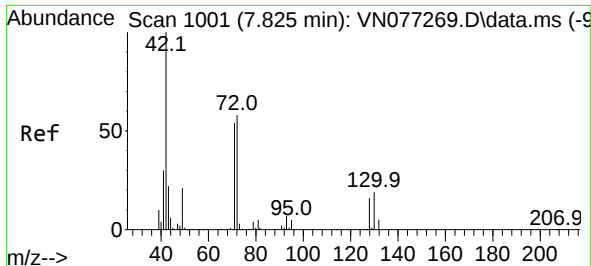
Quant Time: Apr 08 05:22:26 2023
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Reviewed By : John Carlone 04/10/2023
 Supervised By : Semsettin Yesilyurt 04/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	156404	20.295	ug/l #	78
44) Isopropyl Acetate	8.689	43	262396	19.017	ug/l #	100
45) 1,4-Dioxane	9.701	88	56629	389.145	ug/l	99
46) Methyl methacrylate	9.684	41	111666	18.797	ug/l	96
47) n-amyl Acetate	12.495	43	227986	18.907	ug/l	100
48) t-1,3-Dichloropropene	10.836	75	205205	18.863	ug/l	100
49) cis-1,3-Dichloropropene	10.313	75	222916	19.261	ug/l	96
50) 1,1,2-Trichloroethane	11.019	97	136046	19.213	ug/l	95
51) Ethyl methacrylate	10.872	69	214016	19.682	ug/l	96
52) 1,3-Dichloropropane	11.166	76	221615	18.753	ug/l	97
53) Dibromochloromethane	11.360	129	141122	18.910	ug/l	97
54) 1,2-Dibromoethane	11.472	107	137737	19.377	ug/l	99
55) 2-Chloroethyl vinyl ether	10.166	63	330104	98.326	ug/l	99
56) Bromoform	12.583	173	95011	18.952	ug/l	97
58) 4-Methyl-2-Pentanone	10.448	43	801908	96.565	ug/l	99
59) 2-Hexanone	11.195	43	590011	91.917	ug/l	99
61) Tetrachloroethene	11.107	164	105753	20.047	ug/l	96
62) Toluene	10.630	91	595738	19.251	ug/l	100
64) Chlorobenzene	11.895	112	363536	19.336	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.960	131	131853	19.072	ug/l	96
66) Ethyl Benzene	11.966	91	664568	19.384	ug/l	99
67) m/p-Xylenes	12.072	106	521127	38.779	ug/l	100
68) o-Xylene	12.401	106	261690	19.465	ug/l	100
69) Styrene	12.413	104	412725	19.162	ug/l	99
70) Isopropylbenzene	12.701	105	667662	19.569	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	204073	19.532	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	145230m	20.448	ug/l	
73) Bromobenzene	12.983	156	134092	19.344	ug/l	97
74) n-propylbenzene	13.042	91	740554	19.618	ug/l	100
75) 2-Chlorotoluene	13.130	91	448357	19.826	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	542680	19.542	ug/l	98
77) t-1,4-Dichloro-2-butene	12.736	75	66665	18.428	ug/l	94
78) 4-Chlorotoluene	13.224	91	414759	19.410	ug/l	99
79) tert-butylbenzene	13.442	119	476800	19.729	ug/l	99
80) 1,2,4-Trimethylbenzene	13.483	105	528929	19.539	ug/l	98
81) sec-Butylbenzene	13.619	105	685056	19.848	ug/l	99
82) p-Isopropyltoluene	13.730	119	541669	19.588	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	248921	18.940	ug/l	100
84) 1,4-Dichlorobenzene	13.819	146	244455	19.171	ug/l	99
85) n-Butylbenzene	14.060	91	433630	18.977	ug/l	99
86) Hexachloroethane	14.336	117	110957	18.863	ug/l	99
87) 1,2-Dichlorobenzene	14.107	146	244906	19.017	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	37401	18.680	ug/l	96
89) 1,2,4-Trichlorobenzene	15.371	180	86728	17.121	ug/l	99
90) Hexachlorobutadiene	15.465	225	48809	18.787	ug/l	97
91) Naphthalene	15.589	128	336849	17.407	ug/l	99
92) 1,2,3-Trichlorobenzene	15.760	180	87112	17.624	ug/l	95

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



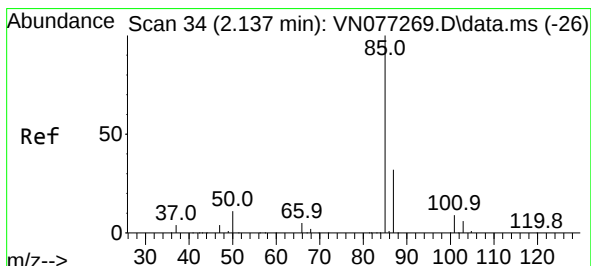
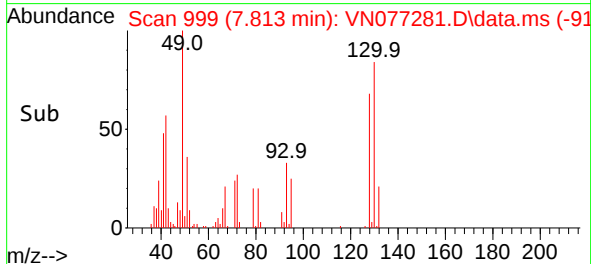
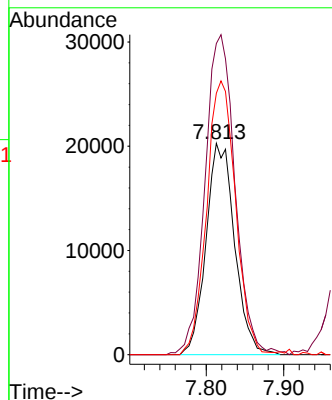
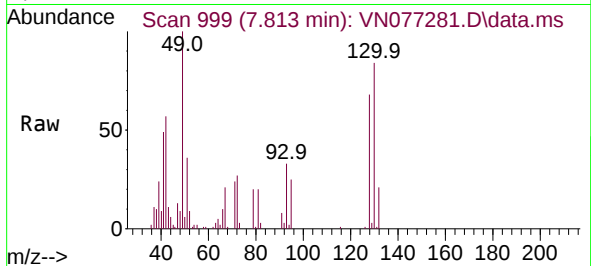
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02

Tgt Ion:128 Resp: 51928
Ion Ratio Lower Upper
128 100
49 158.0 0.0 379.5
130 131.1 0.0 322.8

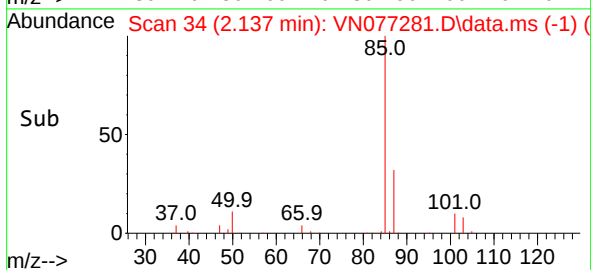
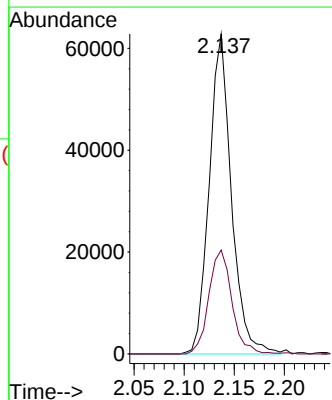
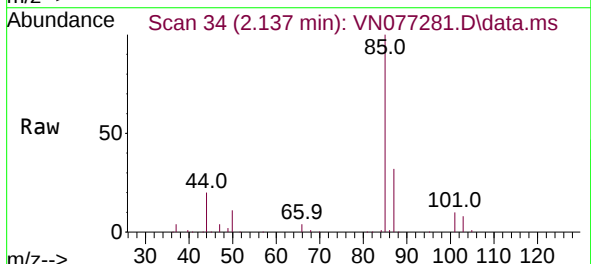
Manual Integrations
APPROVED

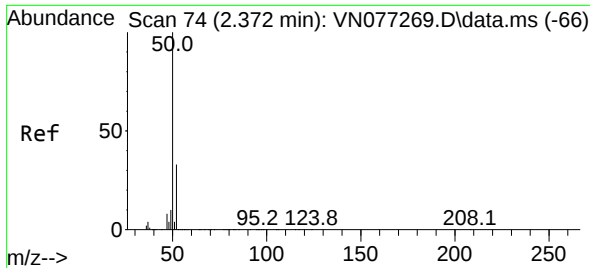
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#2
Dichlorodifluoromethane
Concen: 19.607 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

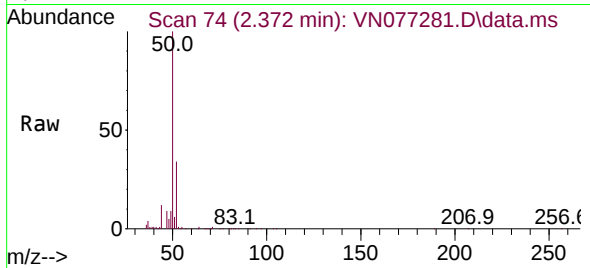
Tgt Ion: 85 Resp: 96793
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6





#3
Chloromethane
Concen: 19.953 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

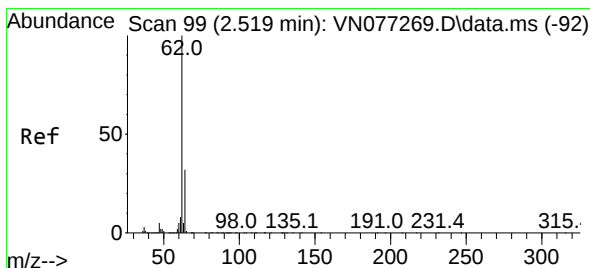
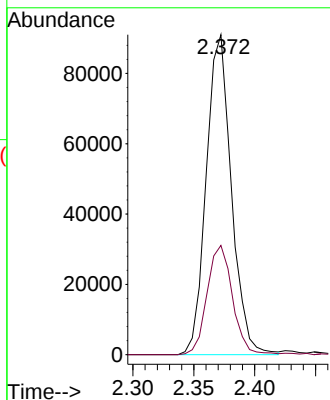
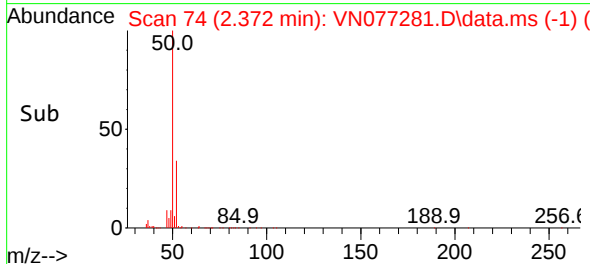
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



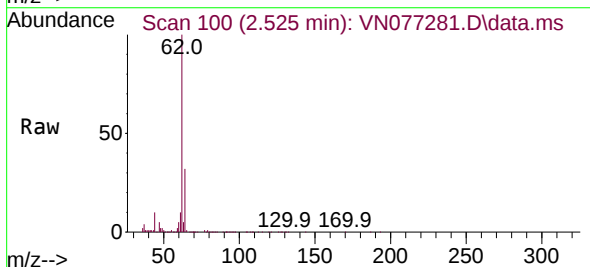
Tgt Ion: 50 Resp: 130860
Ion Ratio Lower Upper
50 100
52 34.1 26.4 39.6

Manual Integrations
APPROVED

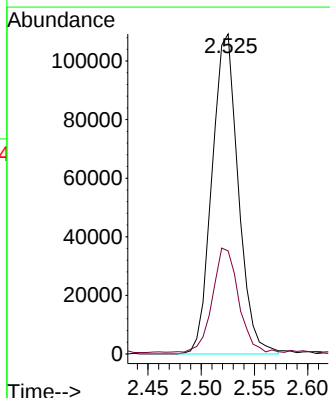
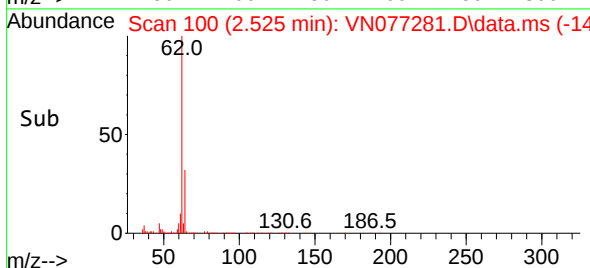
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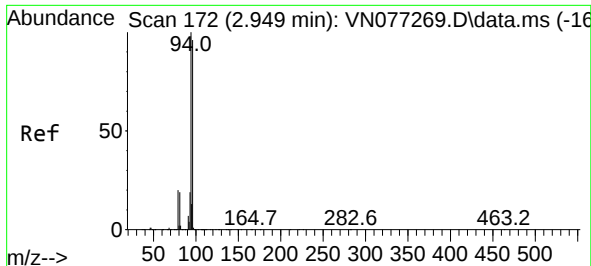


#4
Vinyl Chloride
Concen: 19.964 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28



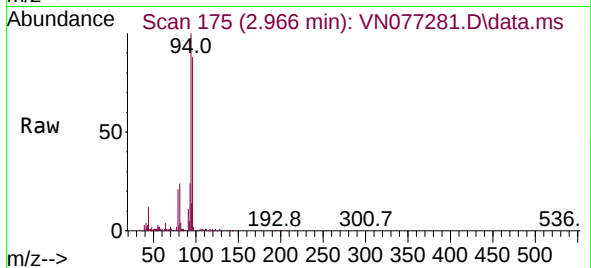
Tgt Ion: 62 Resp: 187542
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.0





#5
Bromomethane
Concen: 18.707 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

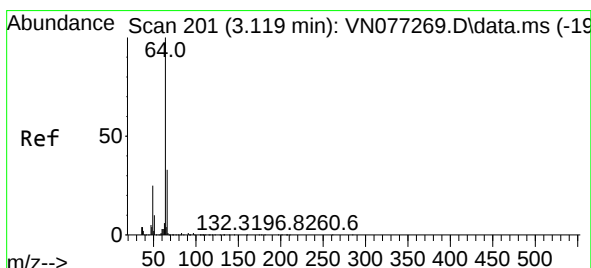
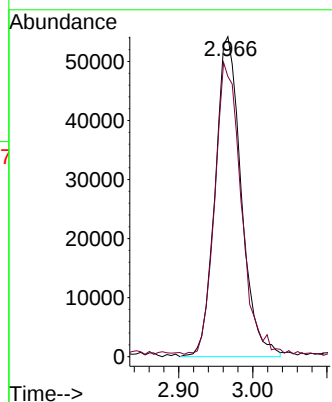
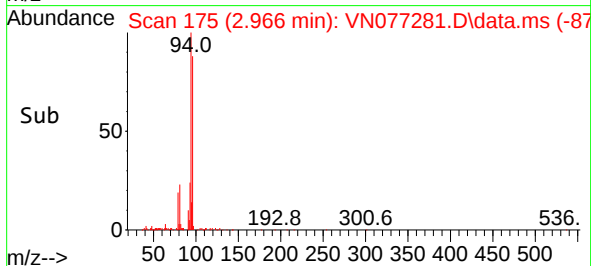
Instrument :
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ClientSampleId :
VN0407WBS02



Tgt Ion: 94 Resp: 132420
Ion Ratio Lower Upper
94 100
96 86.2 77.0 115.6

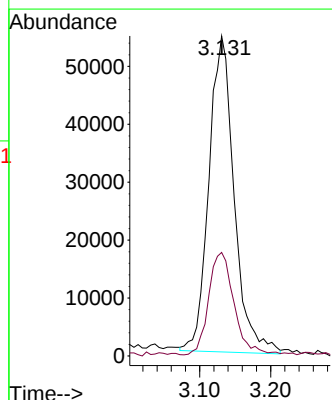
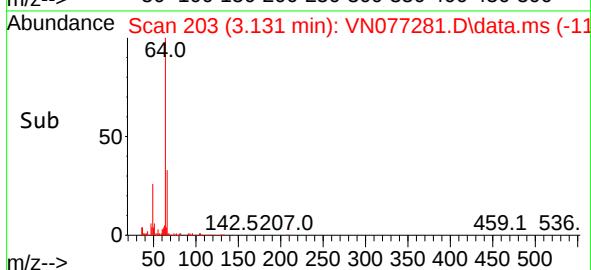
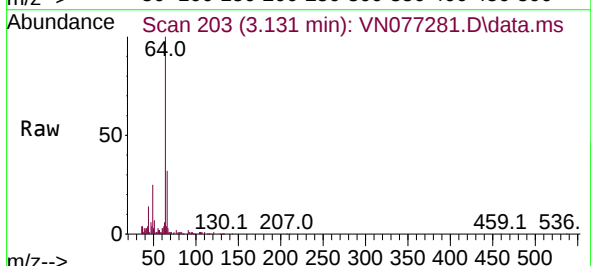
Manual Integrations
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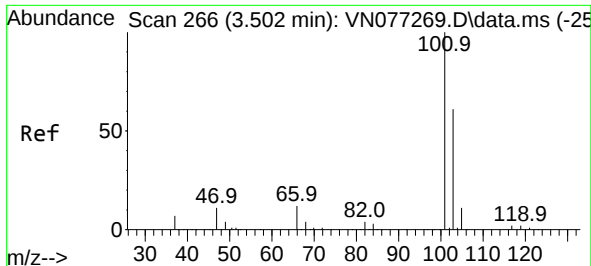
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#6
Chloroethane
Concen: 21.391 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.012 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

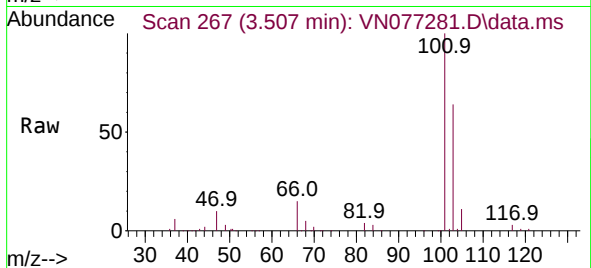
Tgt Ion: 64 Resp: 134693
Ion Ratio Lower Upper
64 100
66 32.5 25.7 38.5





#7
Trichlorofluoromethane
Concen: 19.666 ug/l
RT: 3.507 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

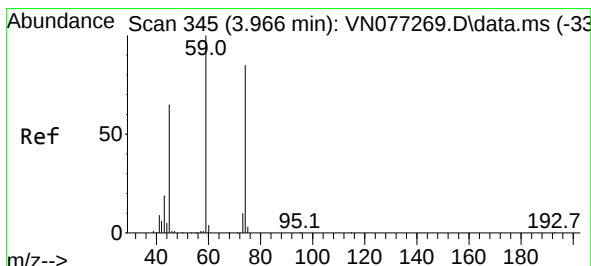
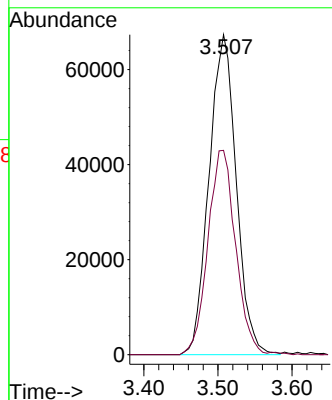
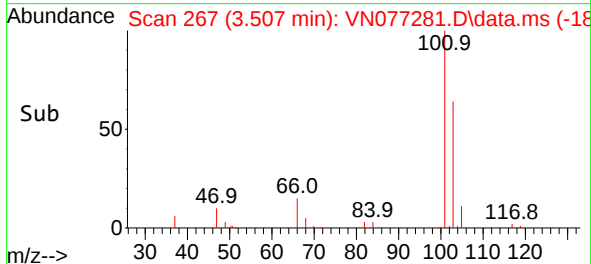
Instrument :
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Tgt Ion:101 Resp: 172019
Ion Ratio Lower Upper
101 100
103 63.9 48.9 73.3

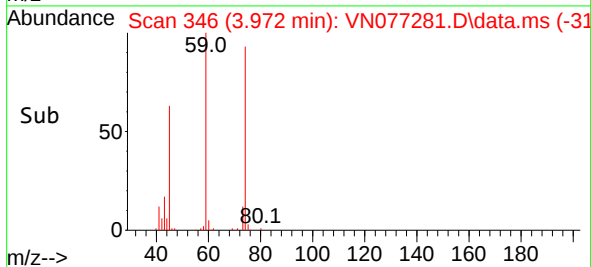
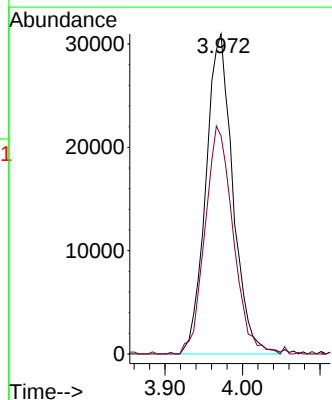
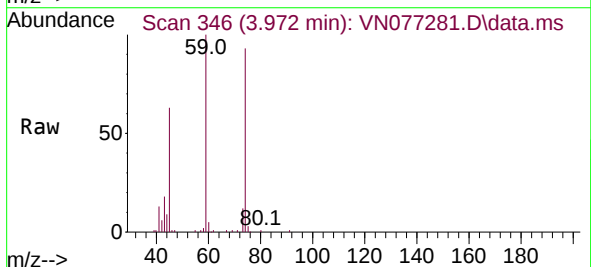
Manual Integrations
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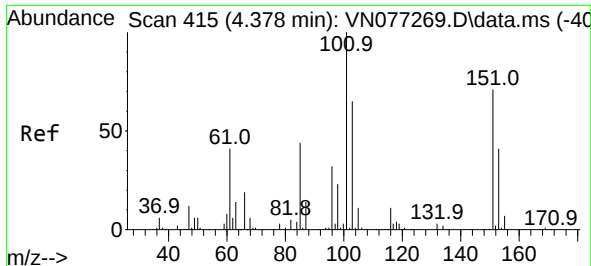
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#8
Diethyl Ether
Concen: 20.122 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

Tgt Ion: 74 Resp: 75019
Ion Ratio Lower Upper
74 100
45 74.2 14.8 133.6





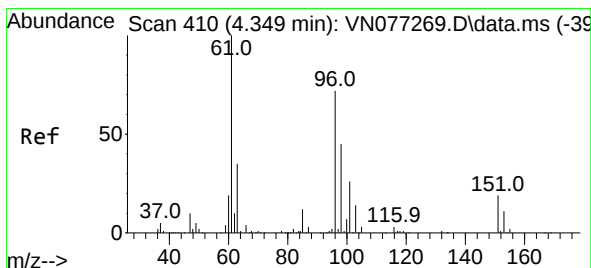
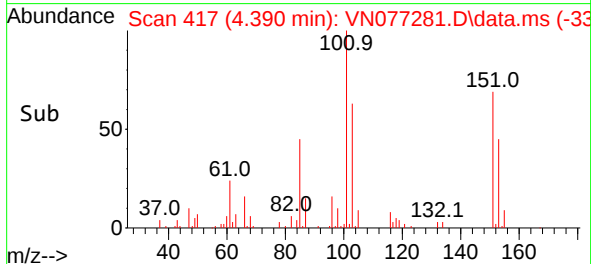
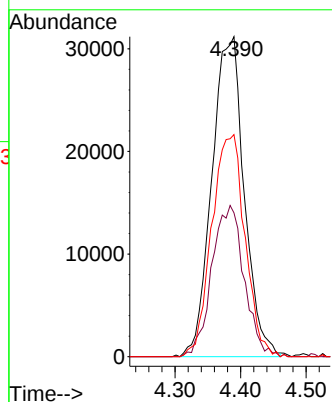
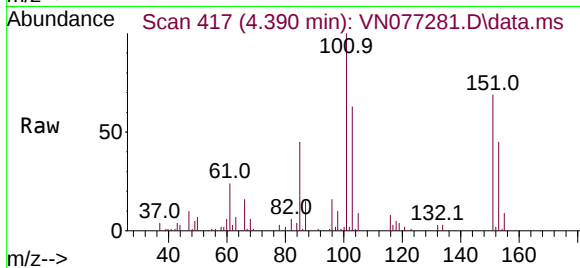
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1,1,2-Trichlorotrifluoroethane
Concen: 19.507 ug/l
RT: 4.390 min Scan# 415
Delta R.T. 0.012 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02

Tgt Ion:101 Resp: 10669
Ion Ratio Lower Upper
101 100
85 47.1 0.0 89.6
151 71.3 0.0 141.6

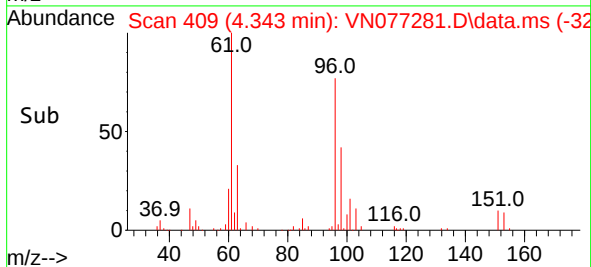
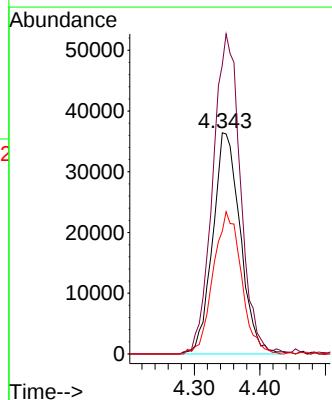
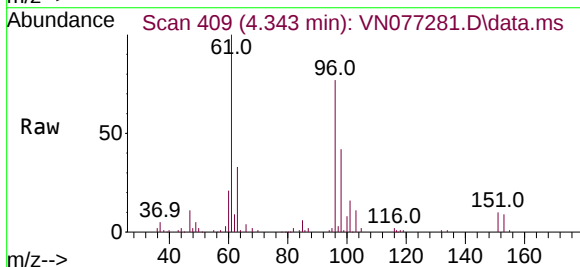
Manual Integrations
APPROVED

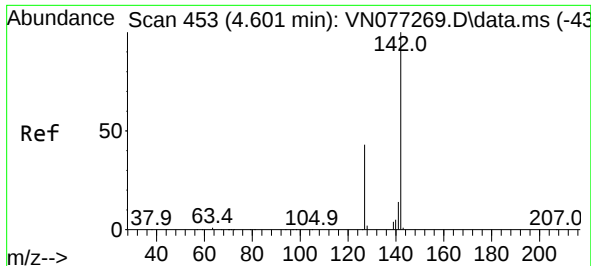
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#10
1,1-Dichloroethene
Concen: 19.354 ug/l
RT: 4.343 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

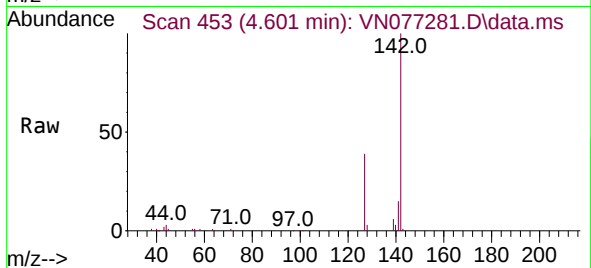
Tgt Ion: 96 Resp: 105901
Ion Ratio Lower Upper
96 100
61 130.7 110.7 166.1
98 55.5 49.6 74.4





#11
Methyl Iodide
Concen: 19.862 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

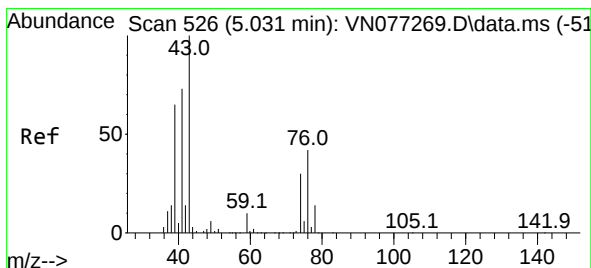
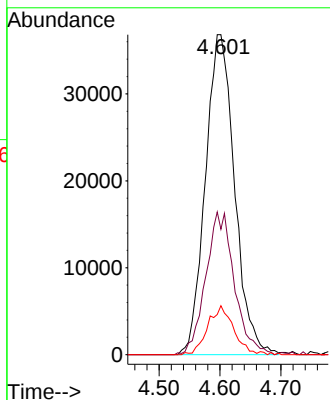
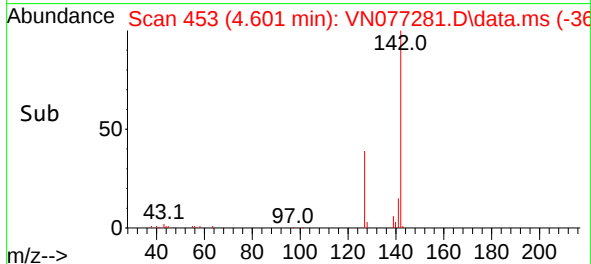
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



Tgt Ion:142 Resp: 122785
Ion Ratio Lower Upper
142 100
127 38.8 21.3 63.7
141 15.1 7.0 20.9

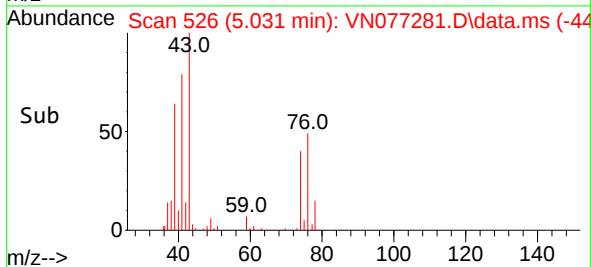
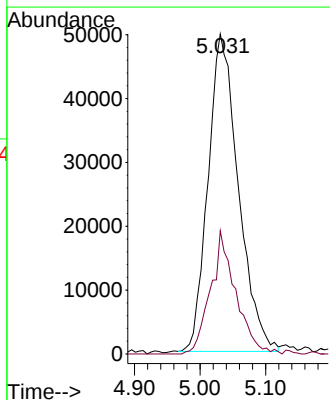
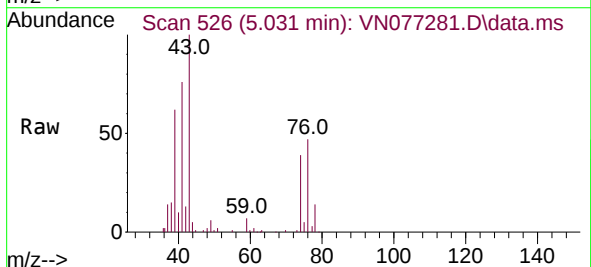
Manual Integrations
APPROVED

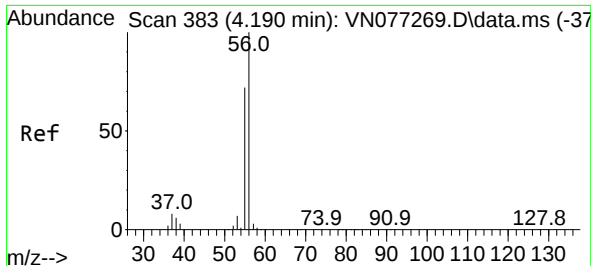
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#12
Methyl Acetate
Concen: 19.585 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

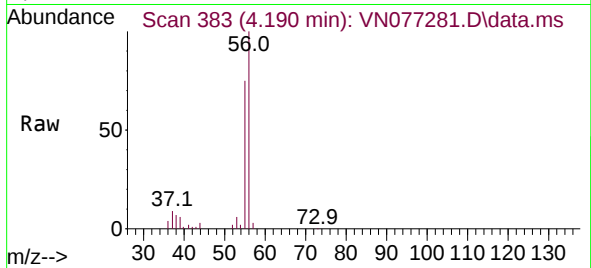
Tgt Ion: 43 Resp: 159662
Ion Ratio Lower Upper
43 100
74 38.7 24.2 36.2#





#13
Acrolein
Concen: 92.068 ug/l m
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

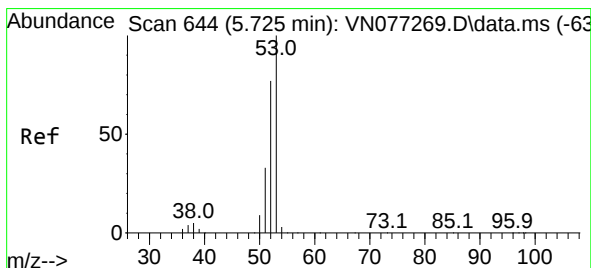
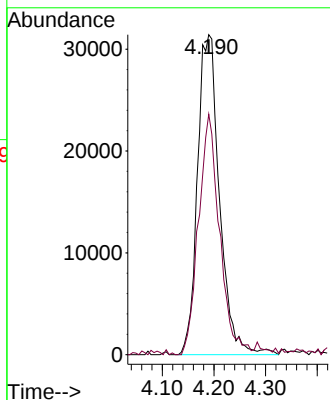
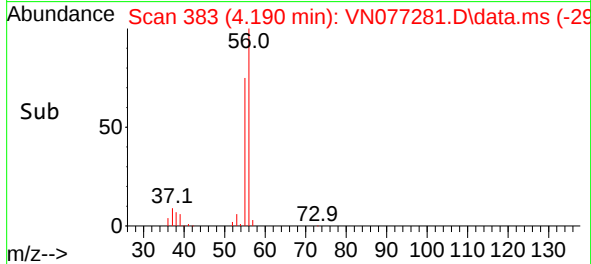
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



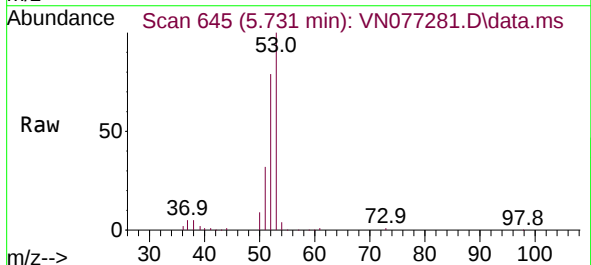
Tgt Ion: 56 Resp: 93164
Ion Ratio Lower Upper
56 100
55 0.3 55.2 82.8

Manual Integrations
APPROVED

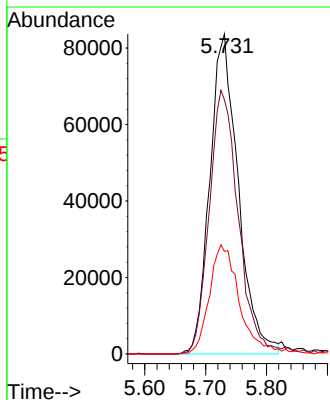
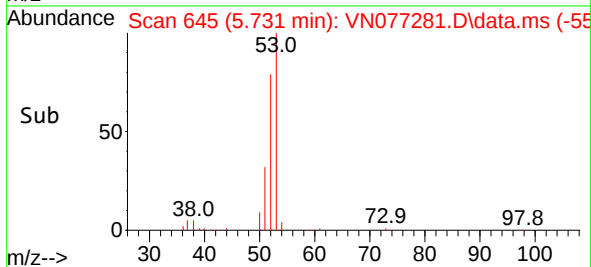
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

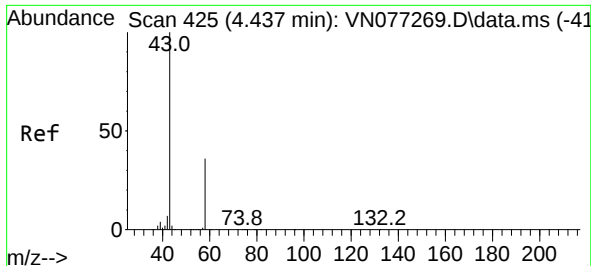


#14
Acrylonitrile
Concen: 97.250 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28



Tgt Ion: 53 Resp: 270997
Ion Ratio Lower Upper
53 100
52 83.1 41.0 123.0
51 34.2 17.7 53.1





#15

Acetone

Concen: 76.526 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN077281.D

Acq: 07 Apr 2023 17:28

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS02

Tgt Ion: 58 Resp: 7736

Ion Ratio Lower Upper

58 100

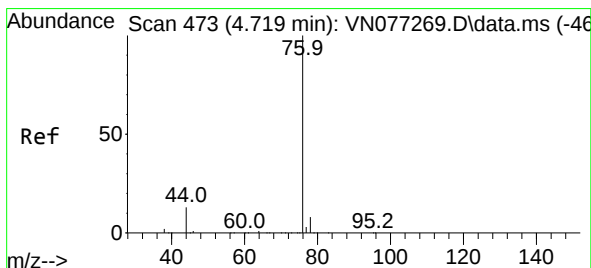
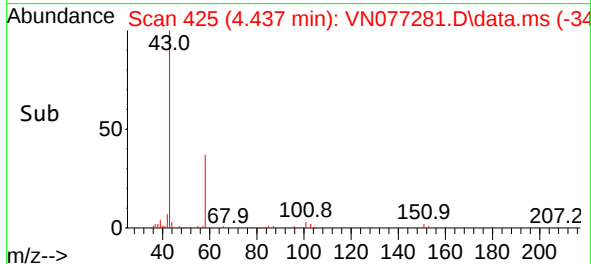
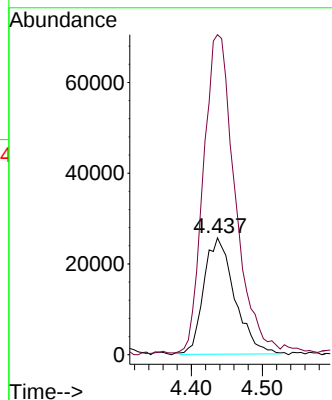
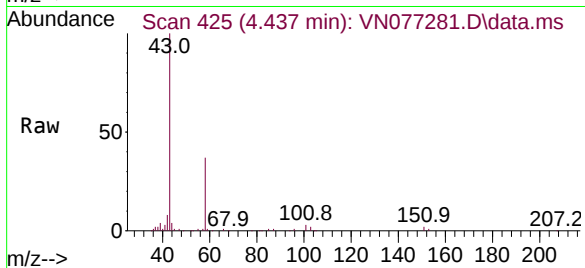
43 275.0 220.9 331.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#16

Carbon Disulfide

Concen: 18.767 ug/l

RT: 4.725 min Scan# 474

Delta R.T. 0.006 min

Lab File: VN077281.D

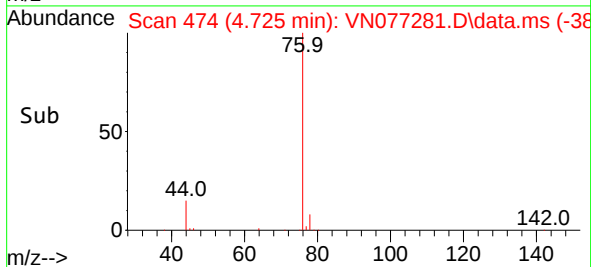
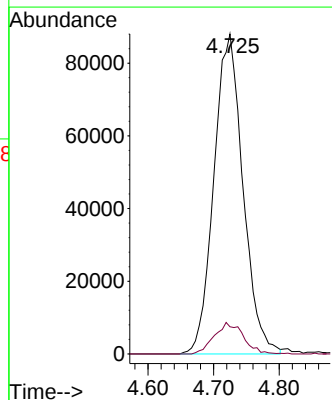
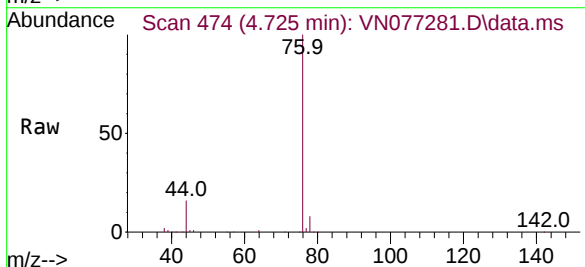
Acq: 07 Apr 2023 17:28

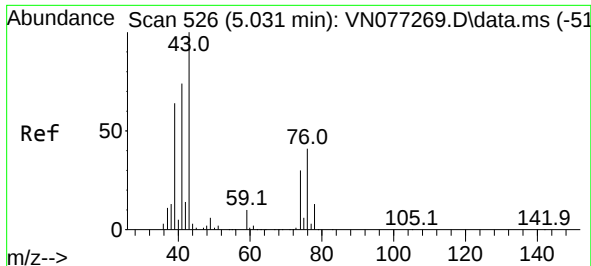
Tgt Ion: 76 Resp: 271042

Ion Ratio Lower Upper

76 100

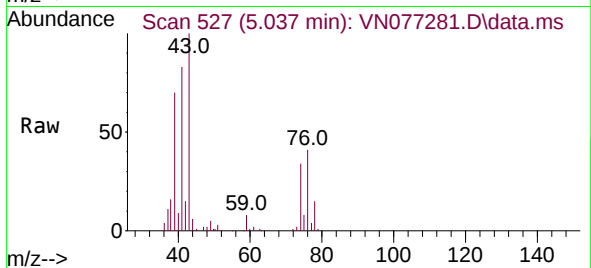
78 8.5 6.3 9.5





#17
 Allyl chloride
 Concen: 17.987 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN077281.D
 Acq: 07 Apr 2023 17:28

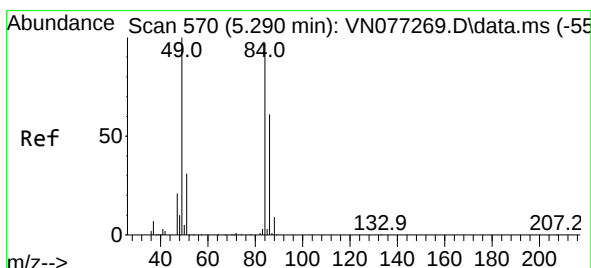
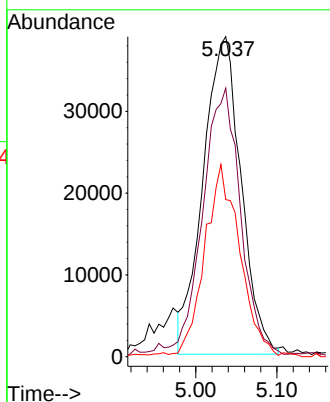
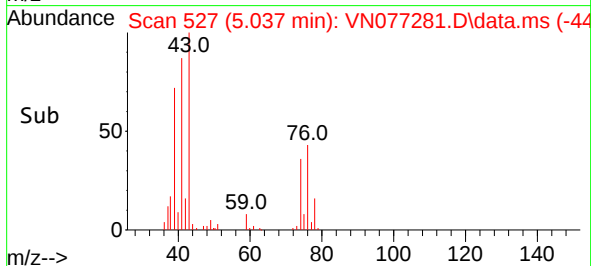
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBS02



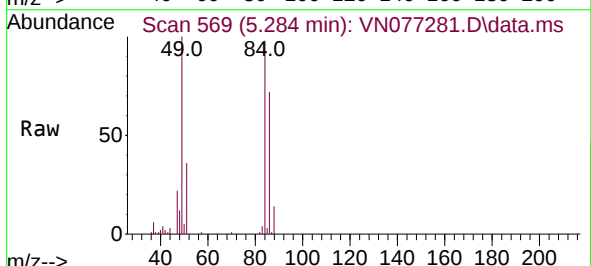
Tgt Ion: 41 Resp: 126698
 Ion Ratio Lower Upper
 41 100
 39 84.3 40.3 120.9
 76 50.0 25.3 75.8

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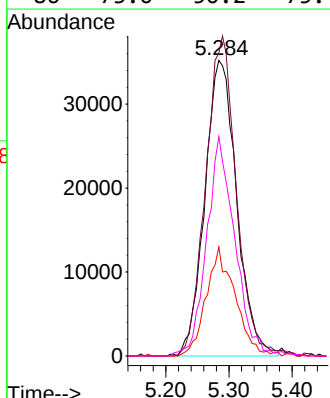
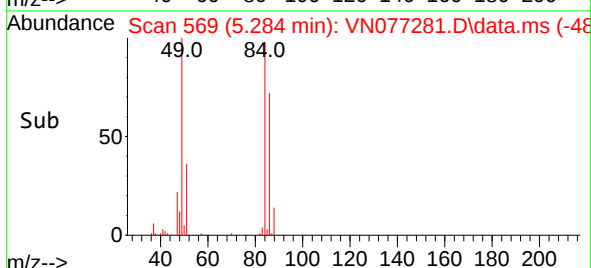
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023

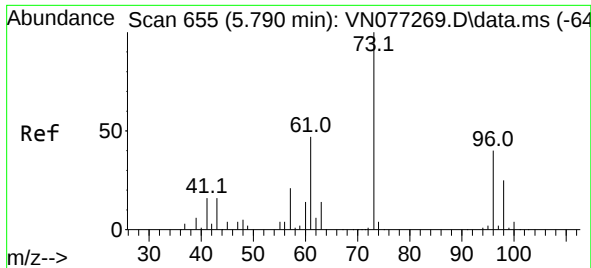


#18
 Methylene Chloride
 Concen: 19.381 ug/l
 RT: 5.284 min Scan# 569
 Delta R.T. -0.006 min
 Lab File: VN077281.D
 Acq: 07 Apr 2023 17:28



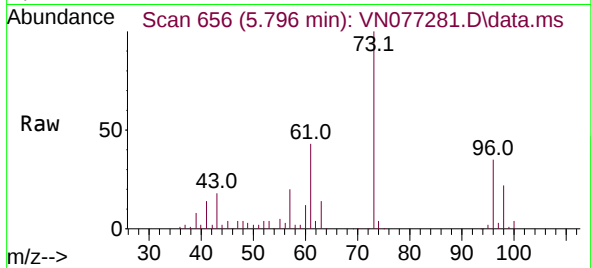
Tgt Ion: 84 Resp: 123152
 Ion Ratio Lower Upper
 84 100
 49 102.0 82.7 124.1
 51 36.8 25.6 38.4
 86 73.0 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 19.583 ug/l
RT: 5.796 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

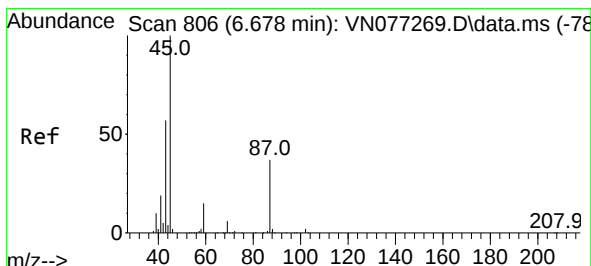
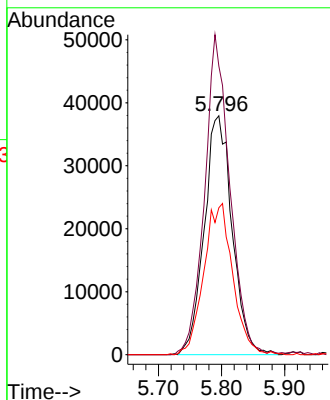
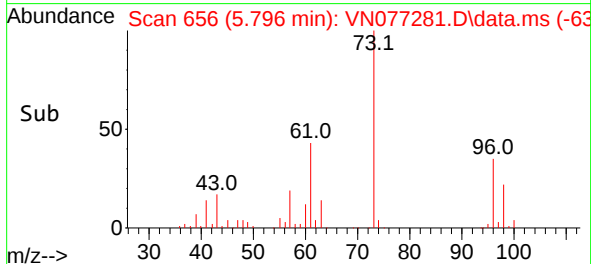
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



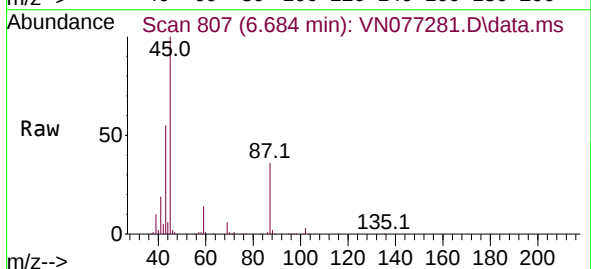
Tgt Ion: 96 Resp: 11651
Ion Ratio Lower Upper
96 100
61 120.2 94.5 141.7
98 61.1 49.8 74.8

Manual Integrations
APPROVED

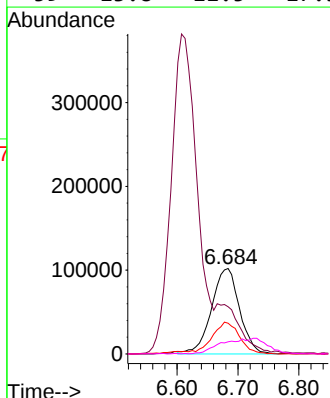
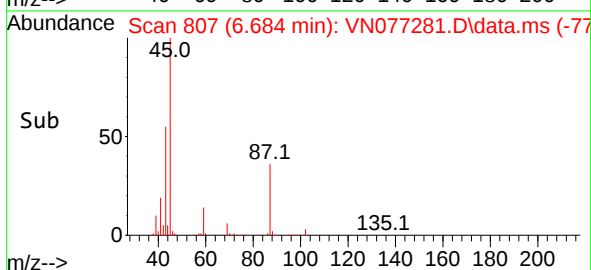
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

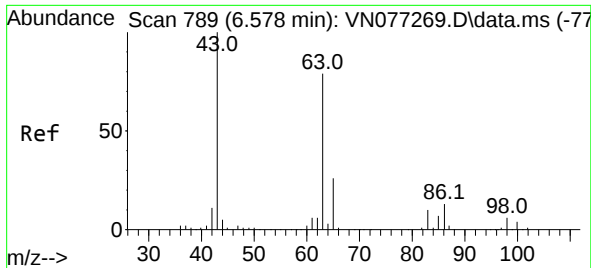


#20
Diisopropyl ether
Concen: 19.446 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28



Tgt Ion: 45 Resp: 326455
Ion Ratio Lower Upper
45 100
43 52.5 45.9 68.9
87 36.1 30.1 45.1
59 13.8 11.5 17.3





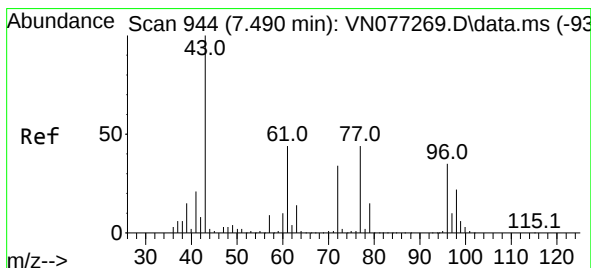
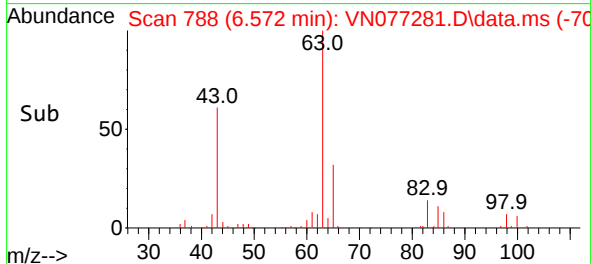
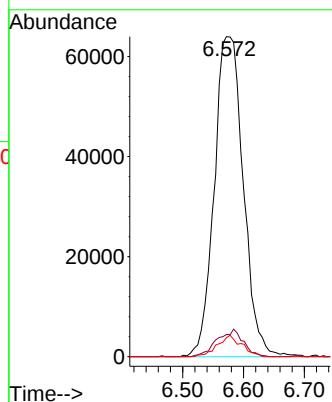
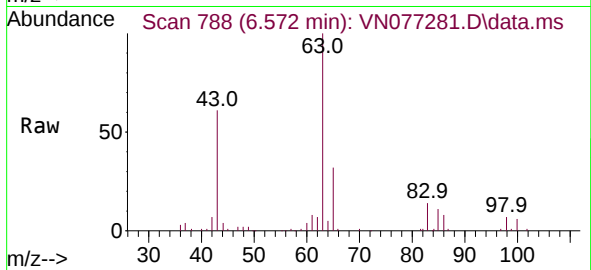
#21
1,1-Dichloroethane
Concen: 19.846 ug/l
RT: 6.572 min Scan# 788
Delta R.T. -0.006 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02

Tgt Ion: 63 Resp: 21117
Ion Ratio Lower Upper
63 100
98 6.9 3.9 11.7
100 5.9 2.3 6.8

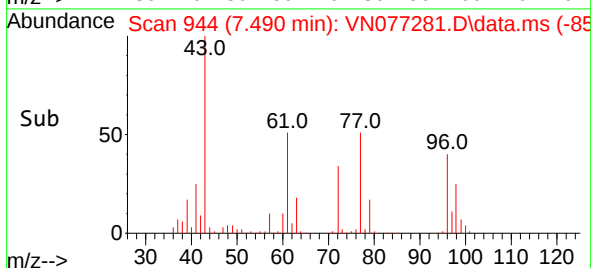
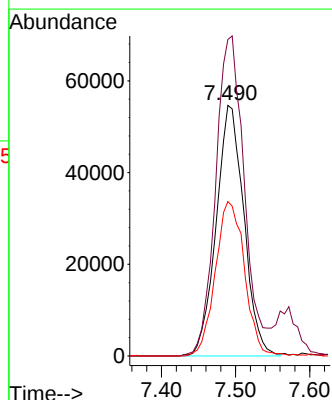
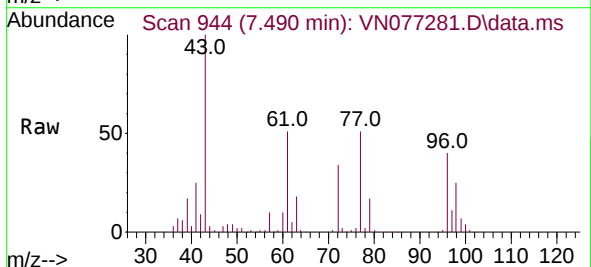
Manual Integrations
APPROVED

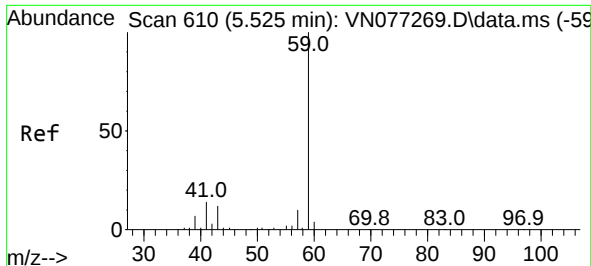
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#22
cis-1,2-Dichloroethene
Concen: 19.573 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

Tgt Ion: 96 Resp: 141964
Ion Ratio Lower Upper
96 100
61 131.4 105.5 158.3
98 64.7 51.8 77.6





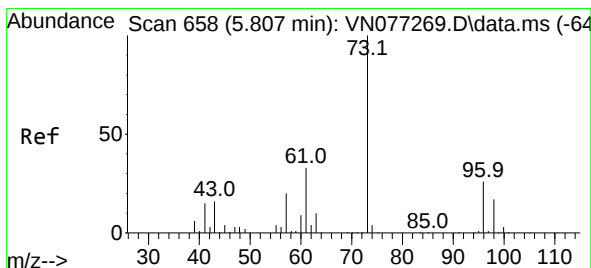
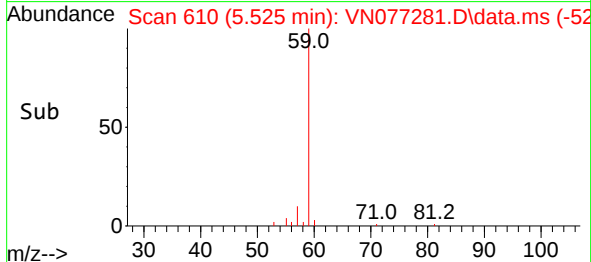
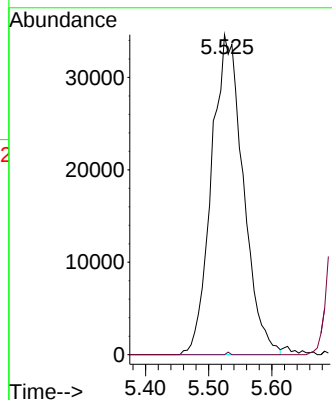
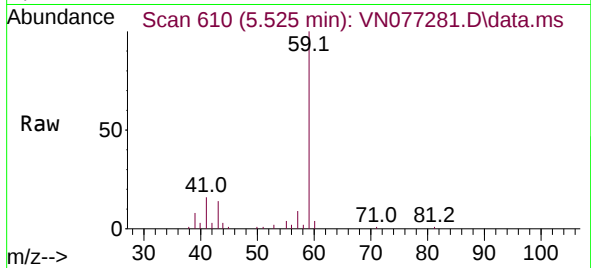
#23
tert-Butyl Alcohol
Concen: 97.515 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02

Tgt Ion: 59 Resp: 12082
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

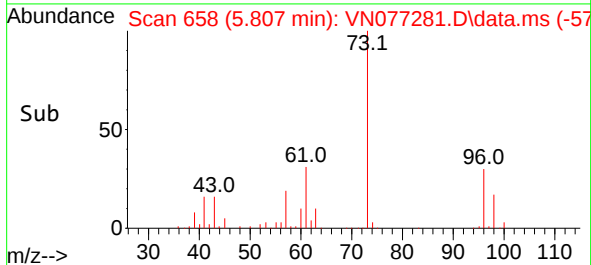
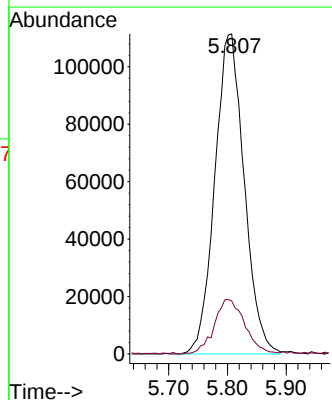
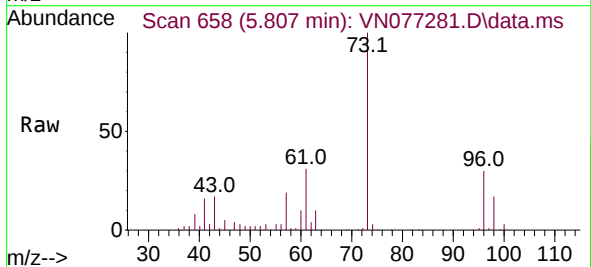
Manual Integrations
APPROVED

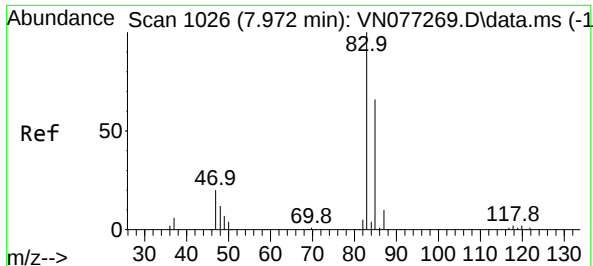
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#24
Methyl tert-Butyl Ether
Concen: 19.628 ug/l
RT: 5.807 min Scan# 658
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

Tgt Ion: 73 Resp: 386658
Ion Ratio Lower Upper
73 100
43 17.8 13.5 20.3





#25

Chloroform

Concen: 19.986 ug/l

RT: 7.966 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN077281.D

Acq: 07 Apr 2023 17:28

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS02

Tgt Ion: 83 Resp: 23047

Ion Ratio Lower Upper

83 100

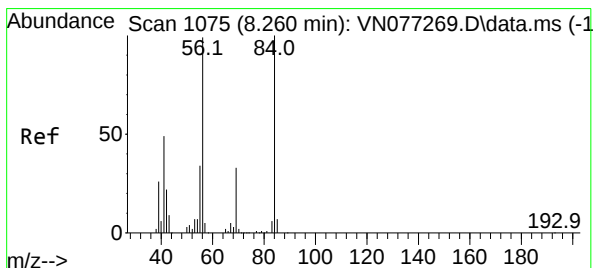
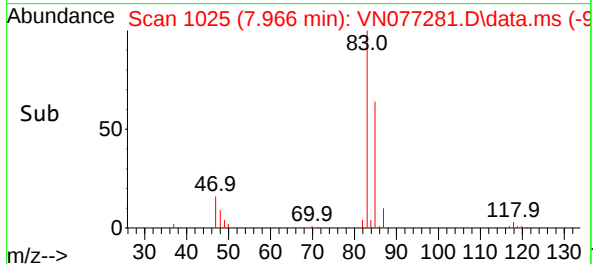
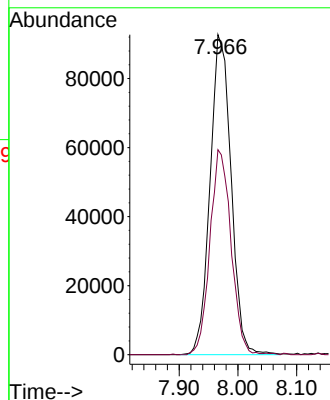
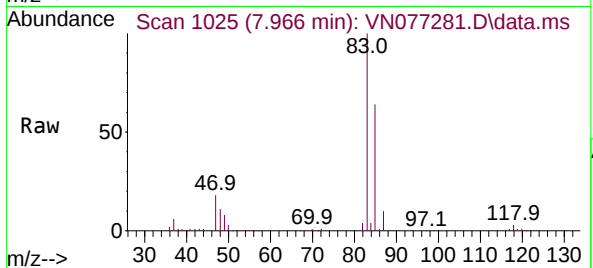
85 64.0 52.9 79.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#26

Cyclohexane

Concen: 19.160 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN077281.D

Acq: 07 Apr 2023 17:28

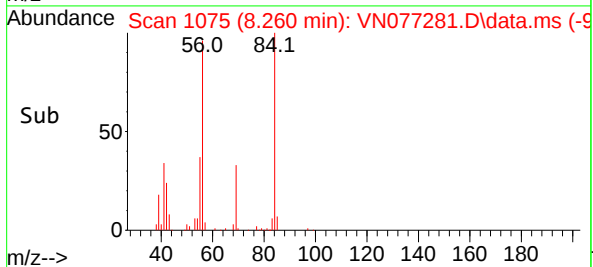
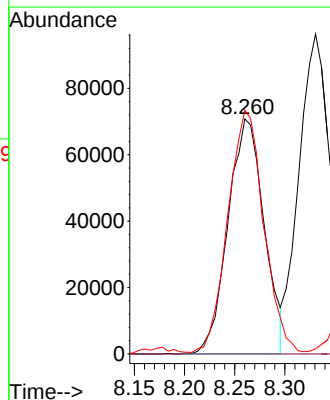
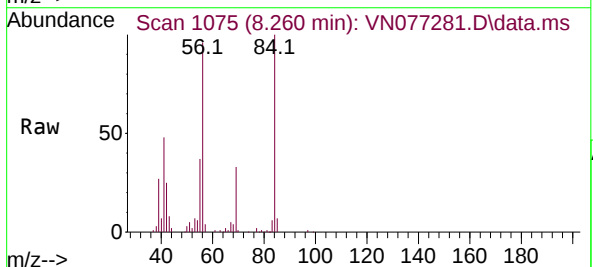
Tgt Ion: 56 Resp: 177159

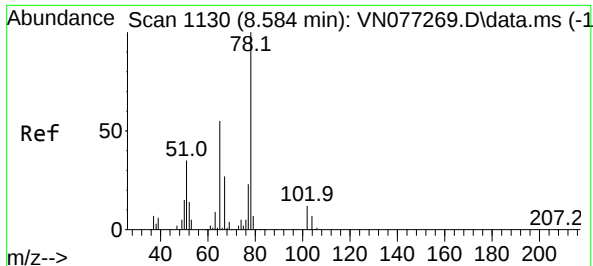
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 103.6 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 30.176 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077281.D

Acq: 07 Apr 2023 17:28

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS02

Tgt Ion: 65 Resp: 13289

Ion Ratio Lower Upper

65 100

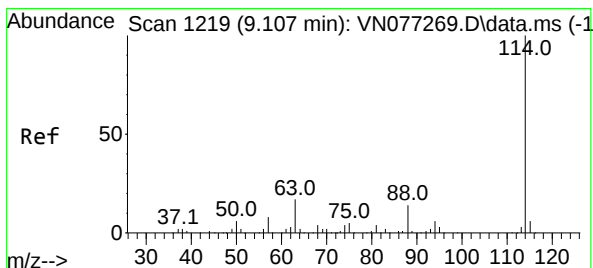
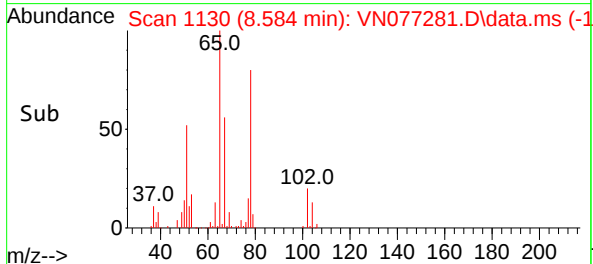
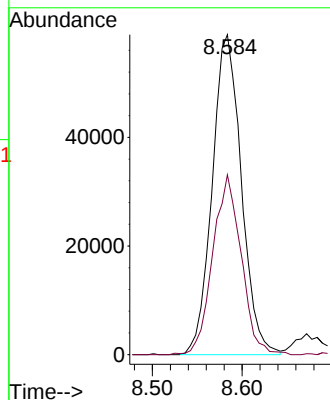
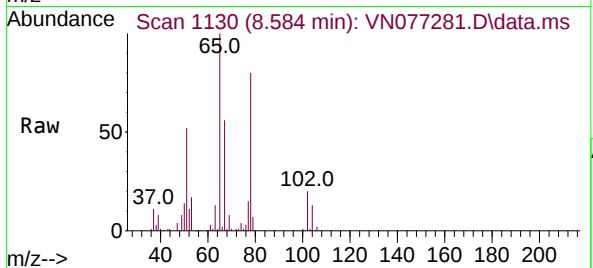
67 54.4 41.8 62.6

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: VN077281.D

Acq: 07 Apr 2023 17:28

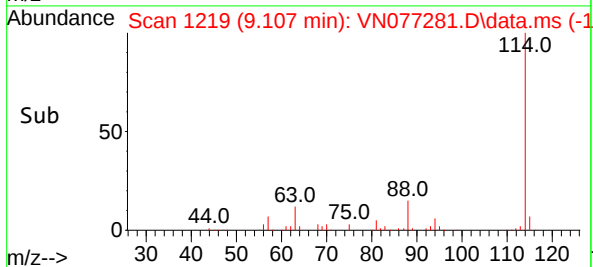
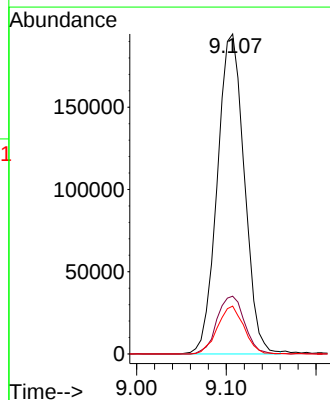
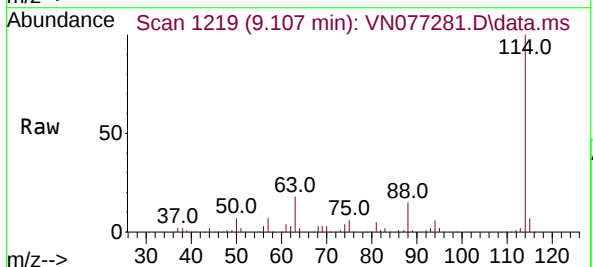
Tgt Ion:114 Resp: 406615

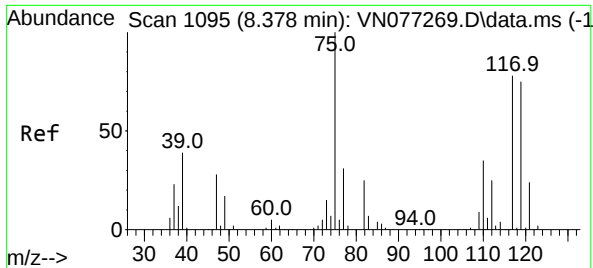
Ion Ratio Lower Upper

114 100

63 18.4 15.0 22.4

88 14.7 11.9 17.9





#29

1,1-Dichloropropene

Concen: 18.956 ug/l

RT: 8.372 min Scan# 1095

Delta R.T. -0.006 min

Lab File: VN077281.D

Acq: 07 Apr 2023 17:28

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS02

Tgt Ion: 75 Resp: 166965

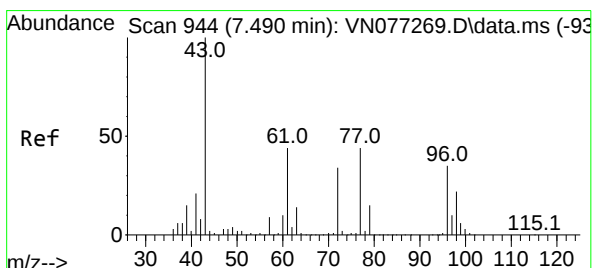
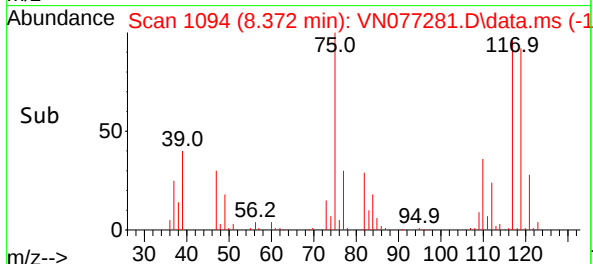
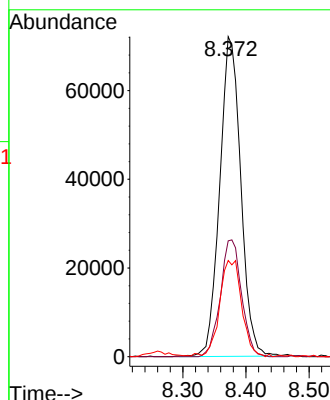
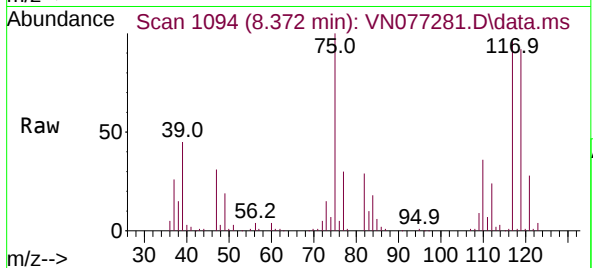
Ion	Ratio	Lower	Upper
75	100		
110	36.8	0.0	72.4
77	31.3	0.0	61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#30

2-Butanone

Concen: 86.178 ug/l

RT: 7.484 min Scan# 943

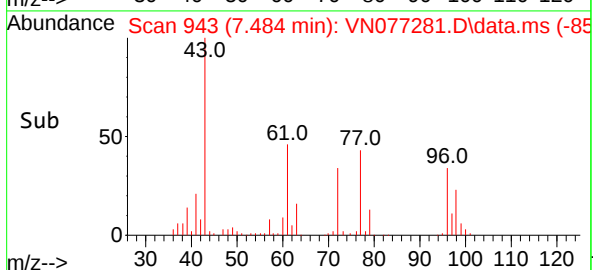
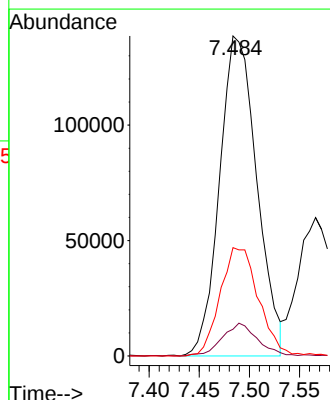
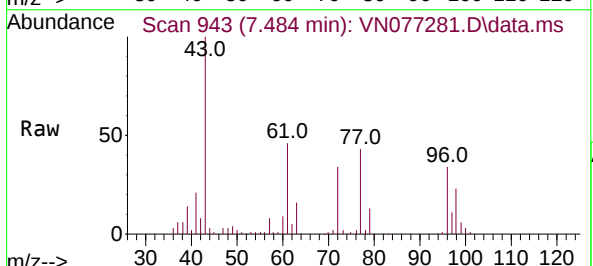
Delta R.T. -0.006 min

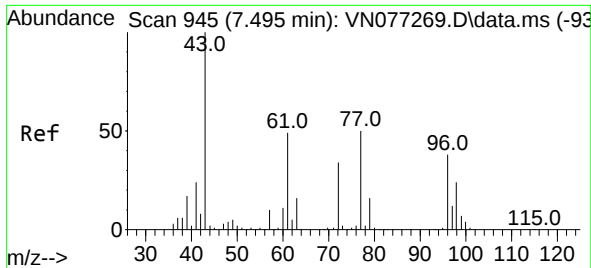
Lab File: VN077281.D

Acq: 07 Apr 2023 17:28

Tgt Ion: 43 Resp: 358965

Ion	Ratio	Lower	Upper
43	100		
57	9.7	7.5	11.3
72	34.7	26.9	40.3





#31

2,2-Dichloropropane

Concen: 18.364 ug/l

RT: 7.490 min Scan# 945

Delta R.T. -0.006 min

Lab File: VN077281.D

Acq: 07 Apr 2023 17:28

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS02

Tgt Ion: 77 Resp: 198569

Ion Ratio Lower Upper

77 100

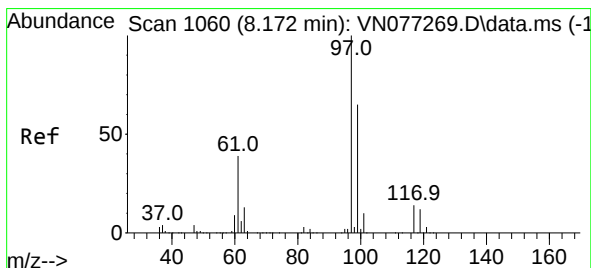
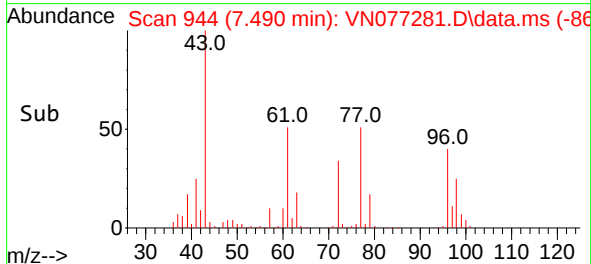
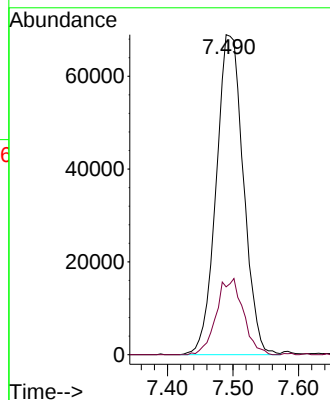
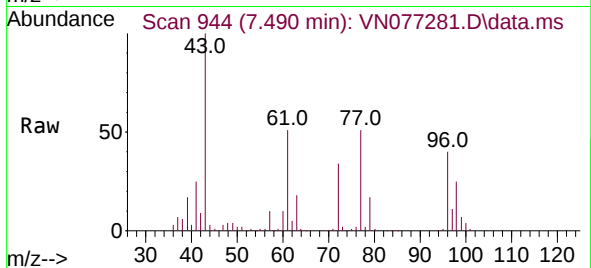
97 10.4 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#32

1,1,1-Trichloroethane

Concen: 19.064 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077281.D

Acq: 07 Apr 2023 17:28

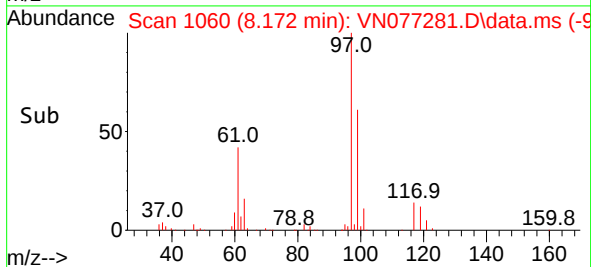
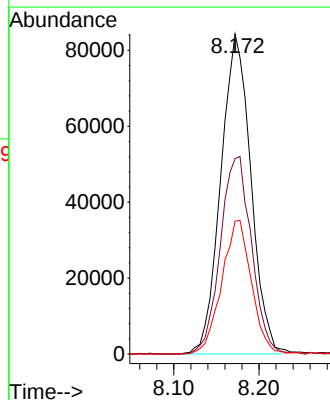
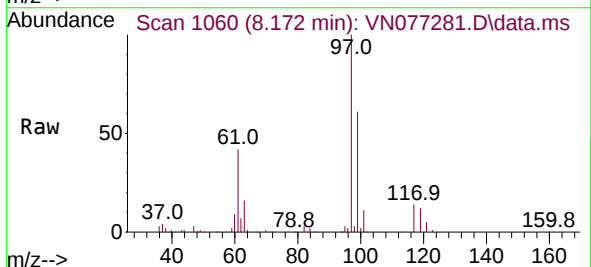
Tgt Ion: 97 Resp: 206655

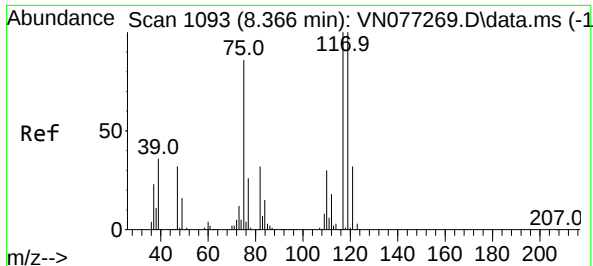
Ion Ratio Lower Upper

97 100

99 63.9 51.6 77.4

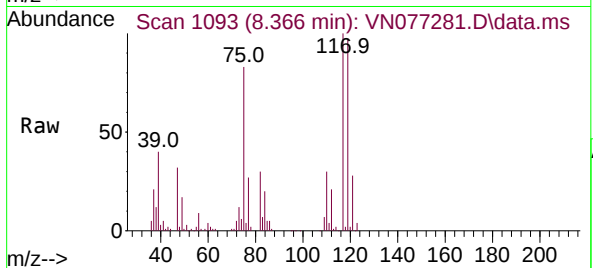
61 41.2 32.4 48.6





#33
Carbon Tetrachloride
Concen: 18.946 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

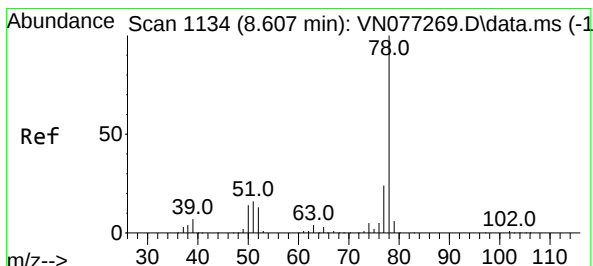
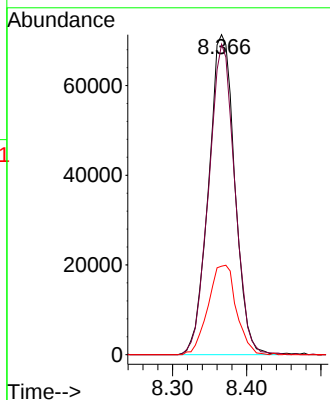
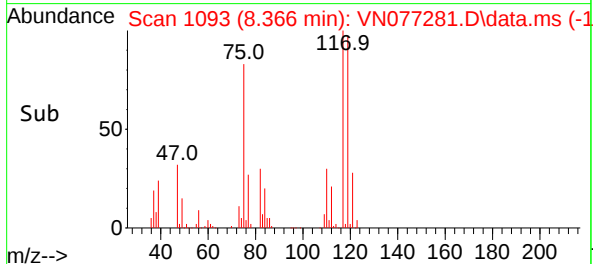
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



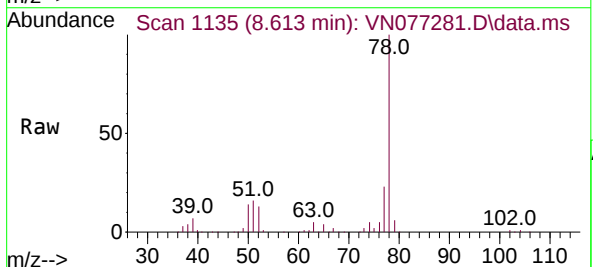
Tgt Ion: 117 Resp: 17528
Ion Ratio Lower Upper
117 100
119 97.0 80.2 120.4
121 27.6 26.0 39.0

Manual Integrations
APPROVED

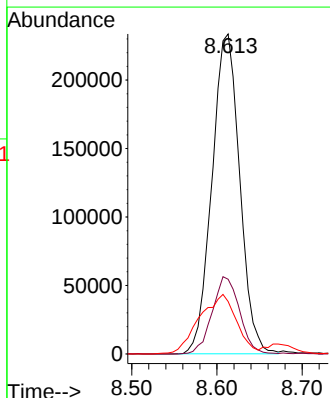
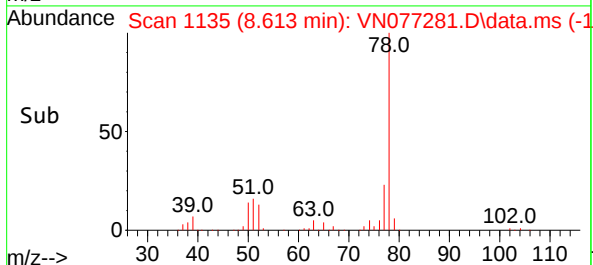
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

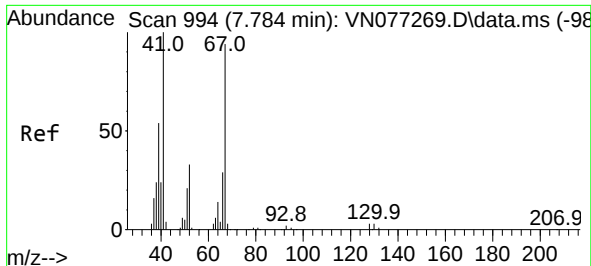


#34
Benzene
Concen: 19.379 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28



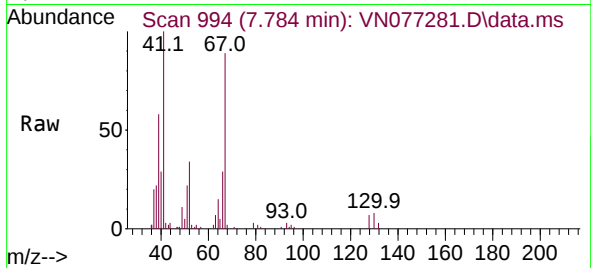
Tgt Ion: 78 Resp: 528173
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0
51 15.0 12.6 19.0





#35
Methacrylonitrile
Concen: 19.555 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

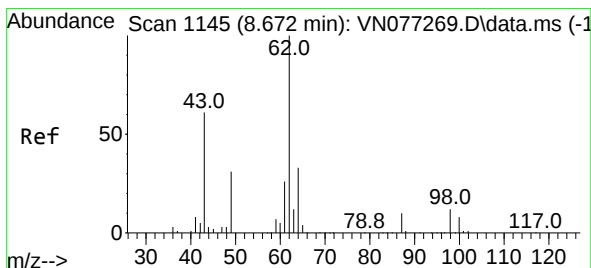
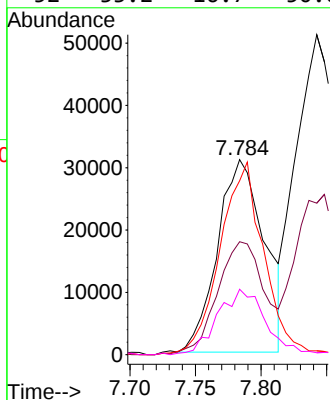
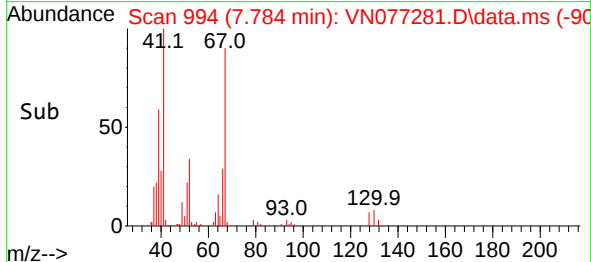
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



Tgt Ion:	41	Resp:	7673
Ion Ratio	100	Lower	Upper
39	57.2	27.1	81.2
67	88.6	46.8	140.4
52	33.2	16.7	50.0

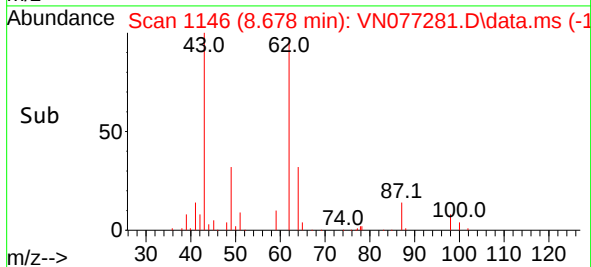
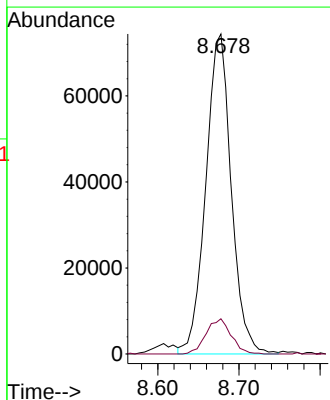
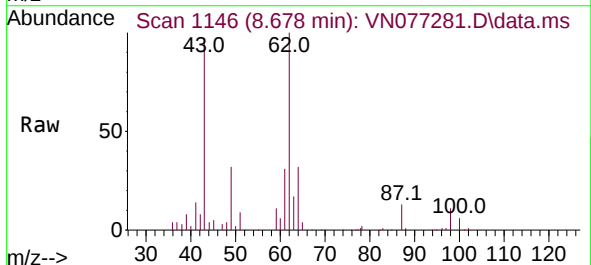
Manual Integrations
APPROVED

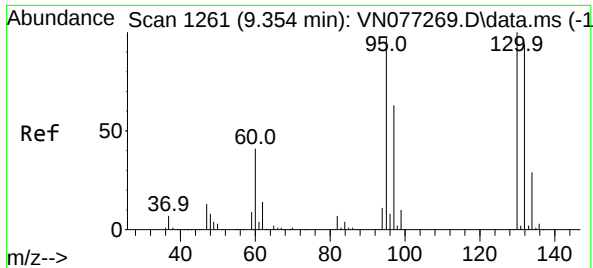
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#36
1,2-Dichloroethane
Concen: 19.003 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

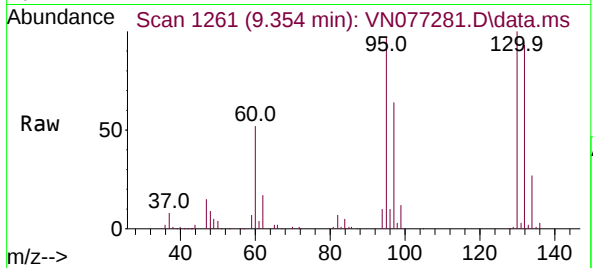
Tgt Ion:	62	Resp:	162381
Ion Ratio	100	Lower	Upper
98	10.8	8.3	12.5





#37
Trichloroethene
Concen: 19.070 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

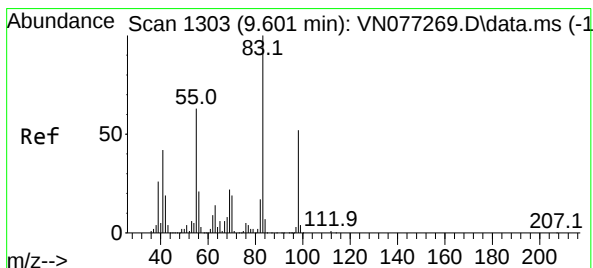
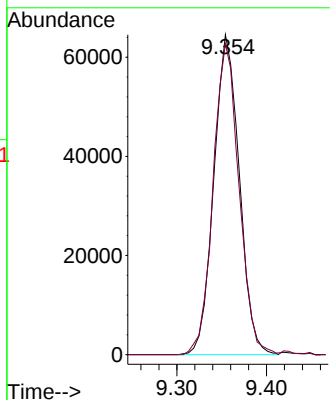
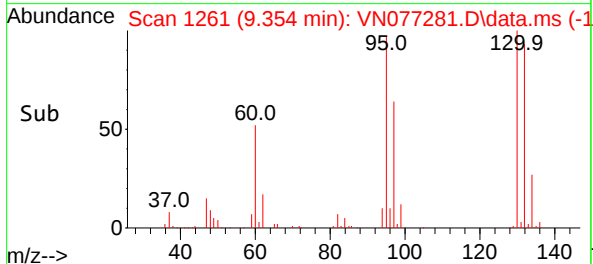
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



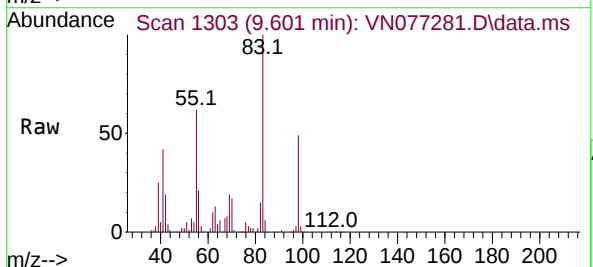
Tgt Ion:130 Resp: 12712
Ion Ratio Lower Upper
130 100
95 97.2 77.5 116.3

Manual Integrations
APPROVED

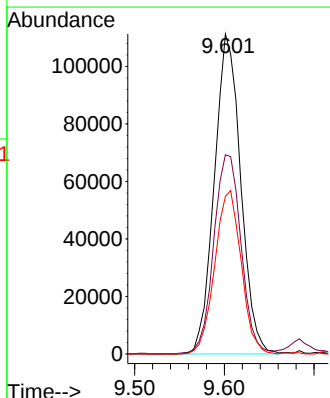
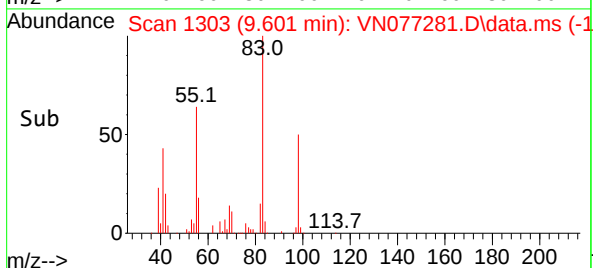
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

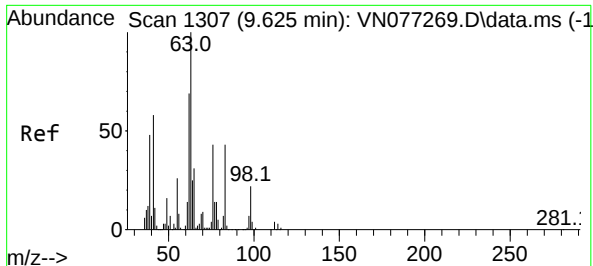


#38
Methylcyclohexane
Concen: 18.996 ug/l
RT: 9.601 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28



Tgt Ion: 83 Resp: 226940
Ion Ratio Lower Upper
83 100
55 64.4 32.0 96.2
98 51.2 25.3 75.9





#39

1,2-Dichloropropane

Concen: 19.256 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077281.D

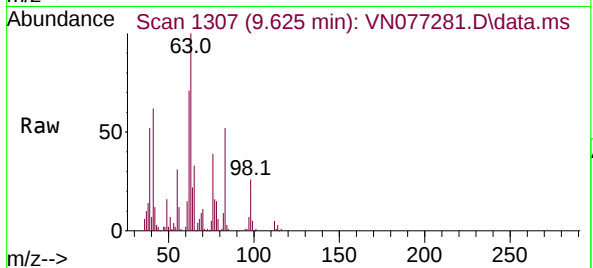
Acq: 07 Apr 2023 17:28

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS02



Tgt Ion: 63 Resp: 13028

Ion Ratio Lower Upper

63 100

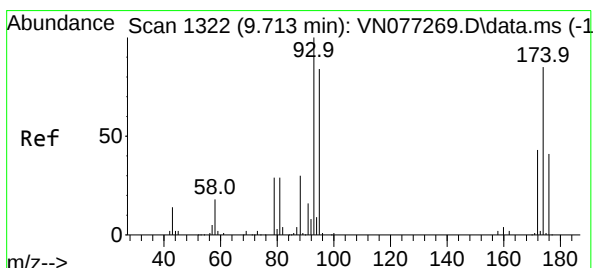
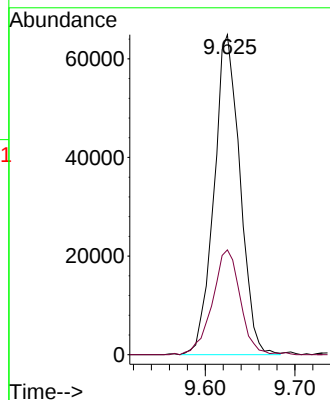
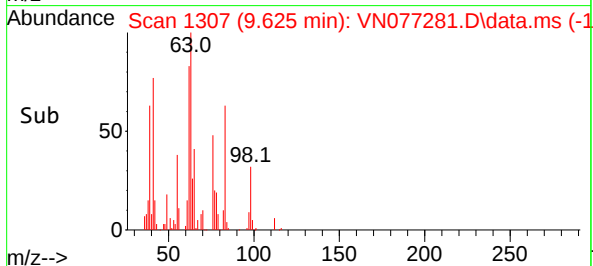
65 32.8 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#40

Dibromomethane

Concen: 19.115 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077281.D

Acq: 07 Apr 2023 17:28

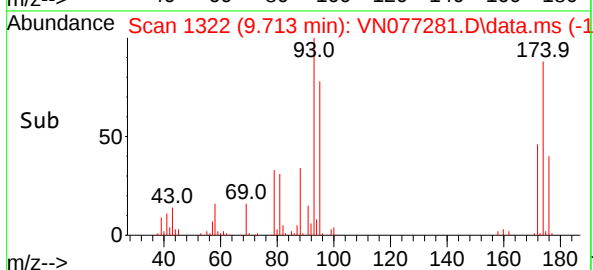
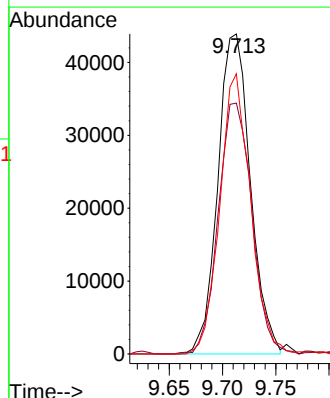
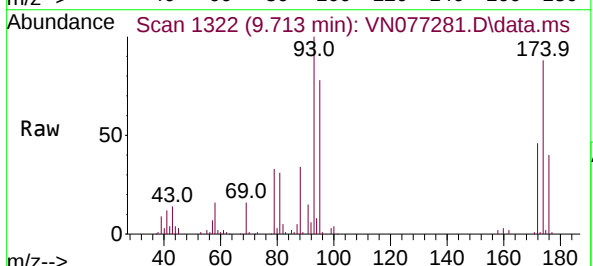
Tgt Ion: 93 Resp: 93185

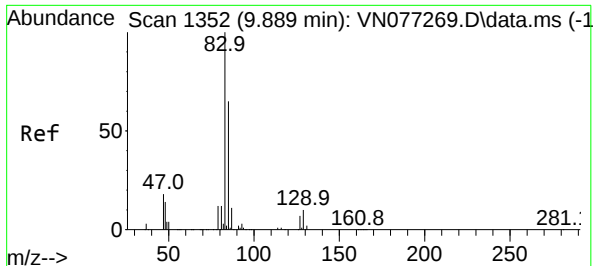
Ion Ratio Lower Upper

93 100

95 80.8 0.0 166.4

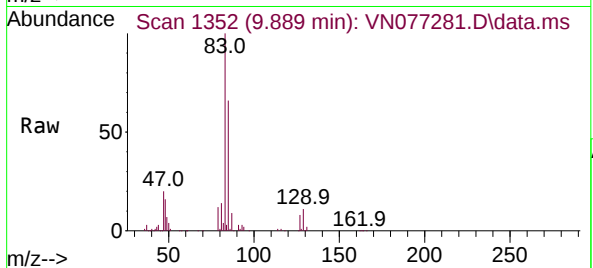
174 82.7 0.0 164.8





#41
Bromodichloromethane
Concen: 19.266 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

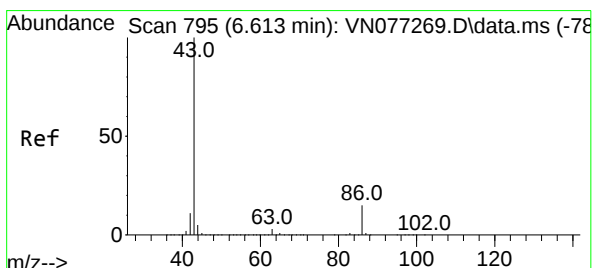
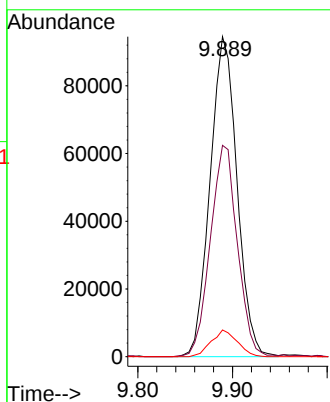
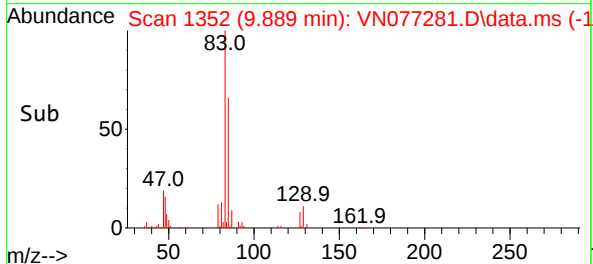
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



Tgt Ion: 83 Resp: 18727
Ion Ratio Lower Upper
83 100
85 65.8 52.3 78.5
127 9.2 5.9 8.9

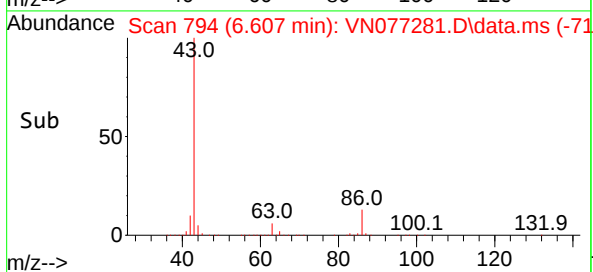
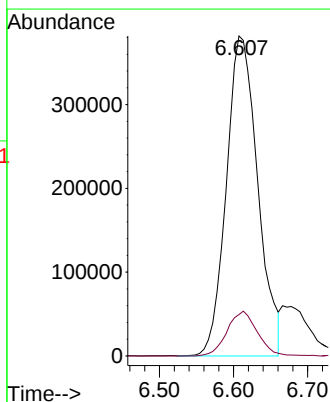
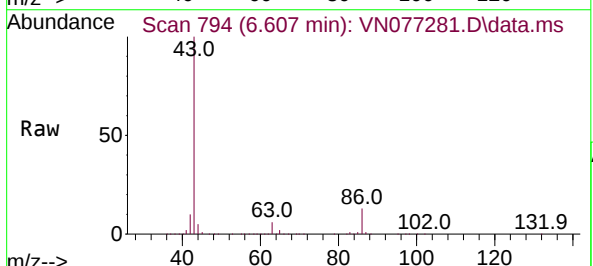
Manual Integrations
APPROVED

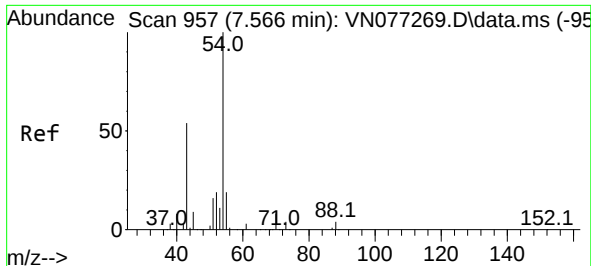
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#42
Vinyl Acetate
Concen: 93.321 ug/l
RT: 6.607 min Scan# 794
Delta R.T. -0.006 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

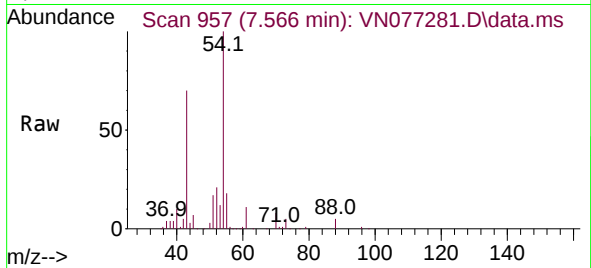
Tgt Ion: 43 Resp: 1125019
Ion Ratio Lower Upper
43 100
86 13.5 0.0 0.0#





#43
Ethyl Acetate
Concen: 20.295 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

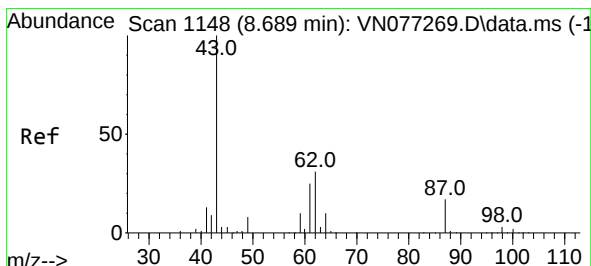
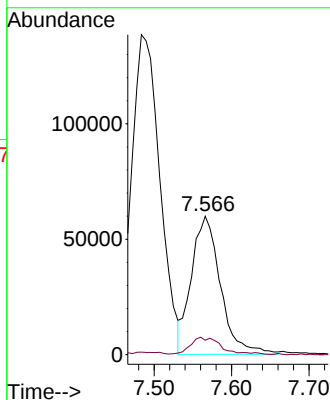
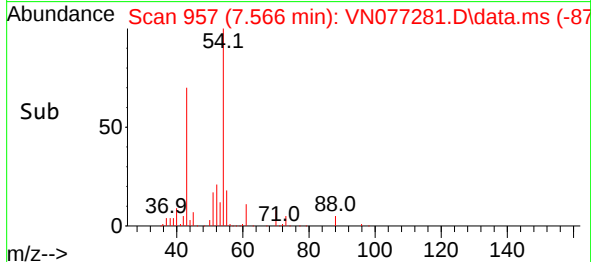
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



Tgt Ion: 43 Resp: 156404
Ion Ratio Lower Upper
43 100
45 6.3 12.3 18.5

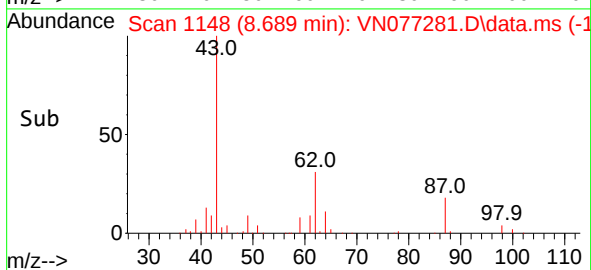
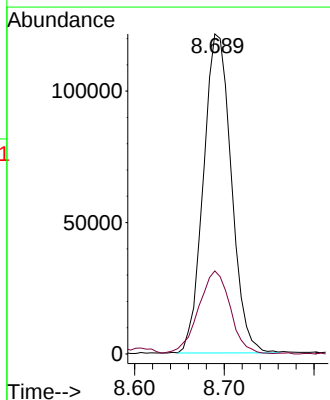
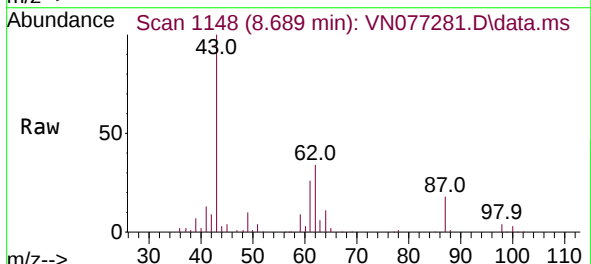
Manual Integrations
APPROVED

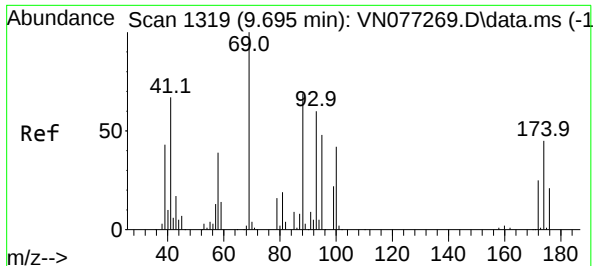
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#44
Isopropyl Acetate
Concen: 19.017 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

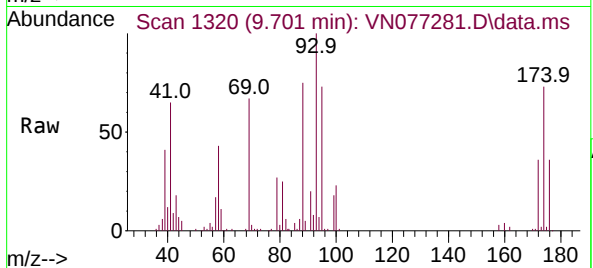
Tgt Ion: 43 Resp: 262396
Ion Ratio Lower Upper
43 100
61 29.7 0.0 0.0#





#45
1,4-Dioxane
Concen: 389.145 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

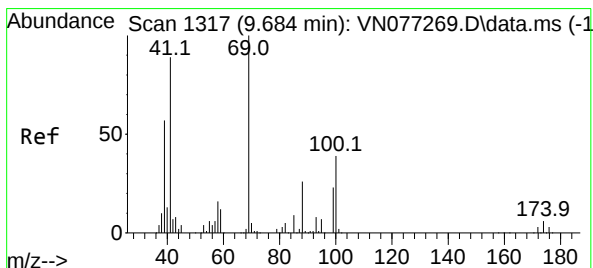
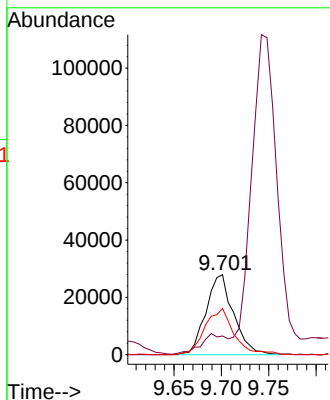
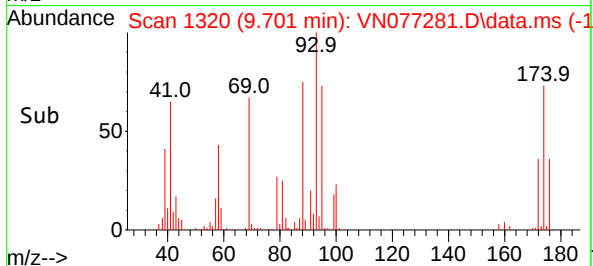
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



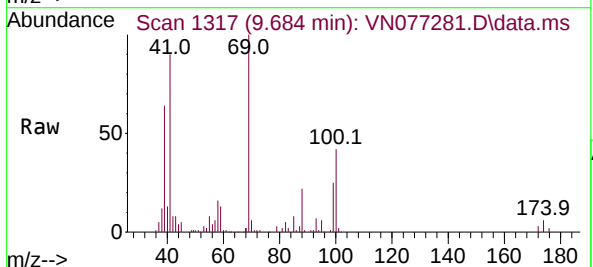
Tgt Ion: 88 Resp: 56629
Ion Ratio Lower Upper
88 100
43 23.3 17.4 26.0
58 60.7 48.2 72.4

Manual Integrations
APPROVED

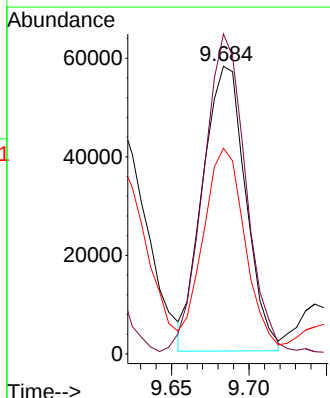
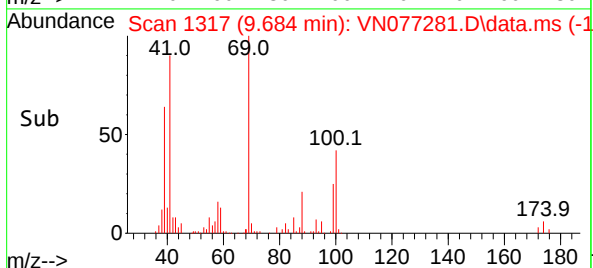
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

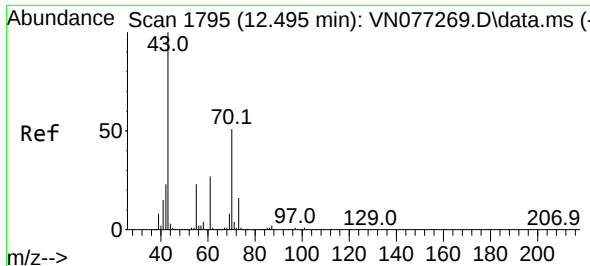


#46
Methyl methacrylate
Concen: 18.797 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28



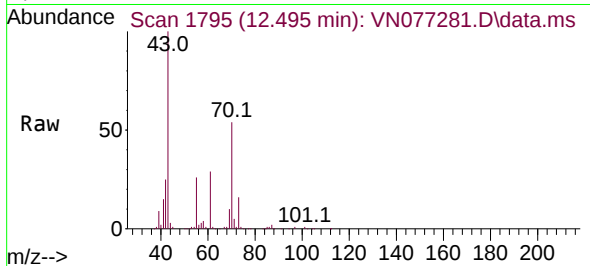
Tgt Ion: 41 Resp: 111666
Ion Ratio Lower Upper
41 100
69 112.6 54.5 163.5
39 71.5 33.4 100.2





#47
n-amyl acetate
Concen: 18.907 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

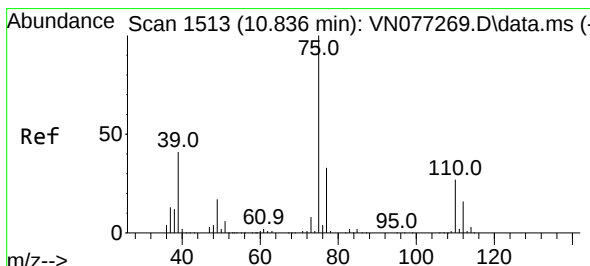
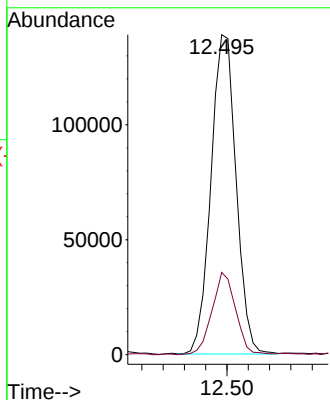
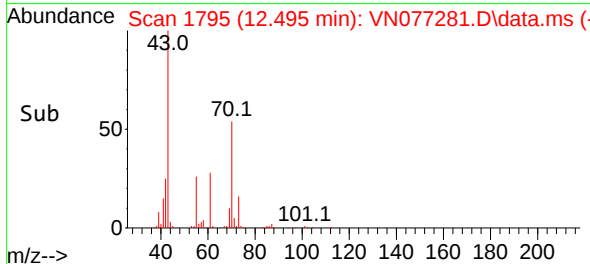
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



Tgt Ion: 43 Resp: 227980
Ion Ratio Lower Upper
43 100
55 24.2 19.4 29.0

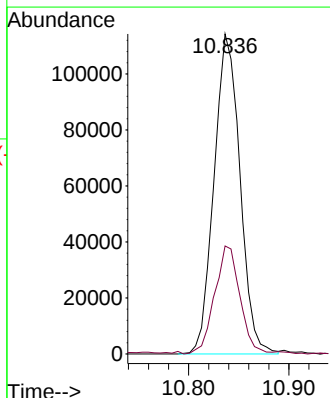
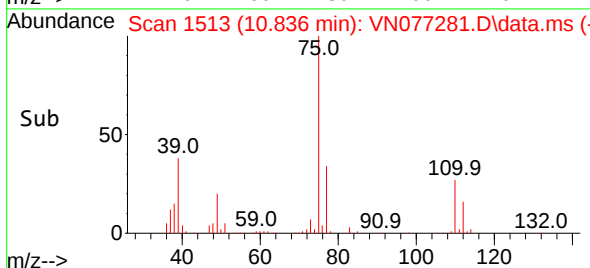
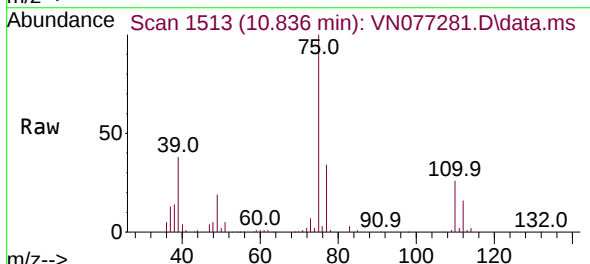
Manual Integrations
APPROVED

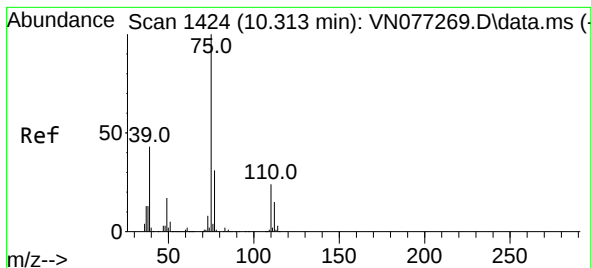
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#48
t-1,3-Dichloropropene
Concen: 18.863 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

Tgt Ion: 75 Resp: 205205
Ion Ratio Lower Upper
75 100
77 33.1 26.5 39.7





#49

cis-1,3-Dichloropropene

Concen: 19.261 ug/l

RT: 10.313 min Scan# 1424

Delta R.T. -0.000 min

Lab File: VN077281.D

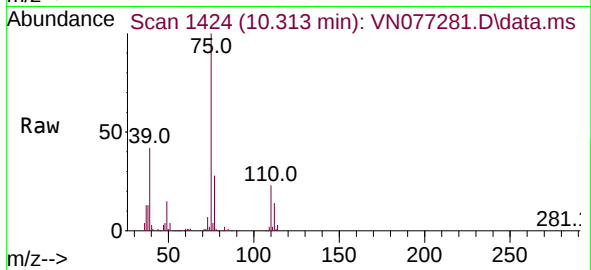
Acq: 07 Apr 2023 17:28

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS02



Tgt Ion: 75 Resp: 222910

Ion Ratio Lower Upper

75 100

77 27.6 25.0 37.6

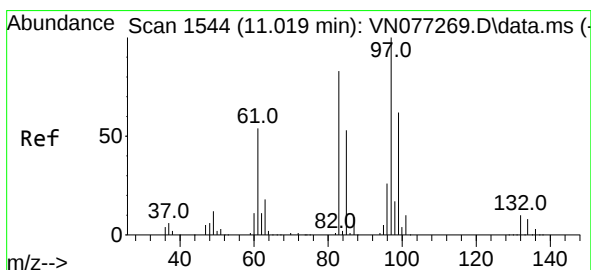
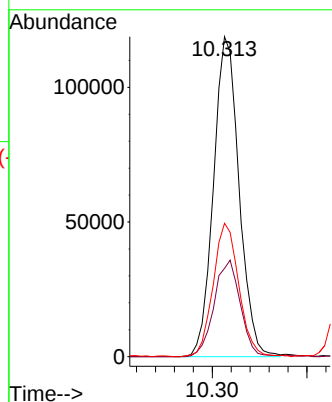
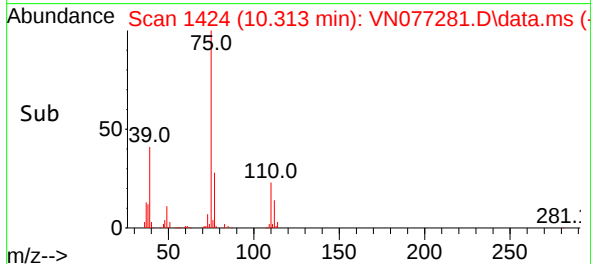
39 41.7 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#50

1,1,2-Trichloroethane

Concen: 19.213 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077281.D

Acq: 07 Apr 2023 17:28

Tgt Ion: 97 Resp: 136046

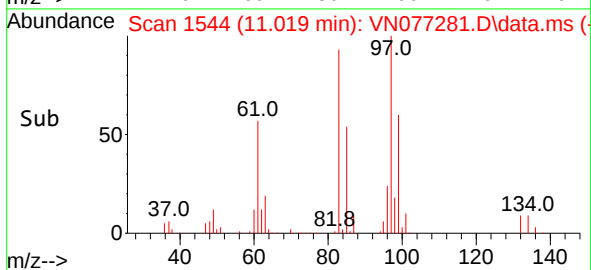
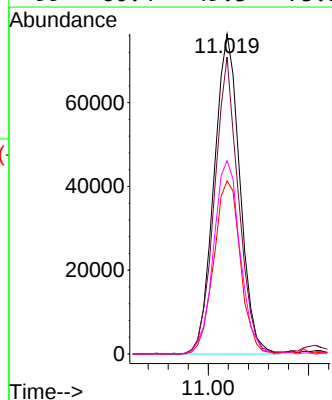
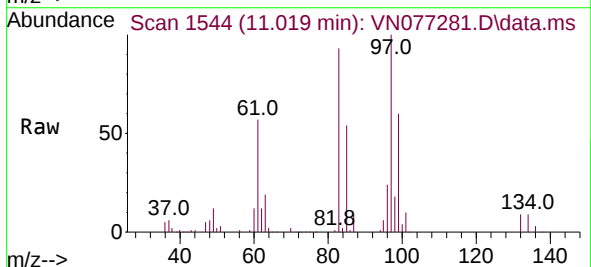
Ion Ratio Lower Upper

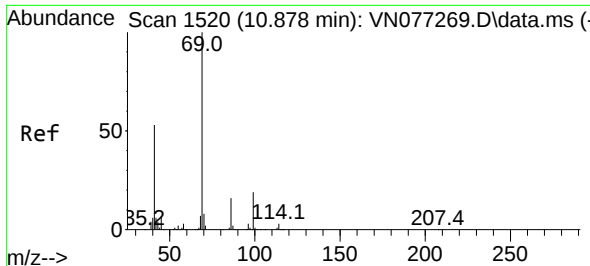
97 100

83 92.8 66.7 100.1

85 54.1 42.4 63.6

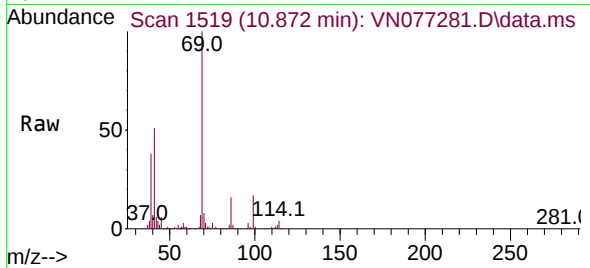
99 60.4 49.3 73.9





#51
Ethyl methacrylate
Concen: 19.682 ug/l
RT: 10.872 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

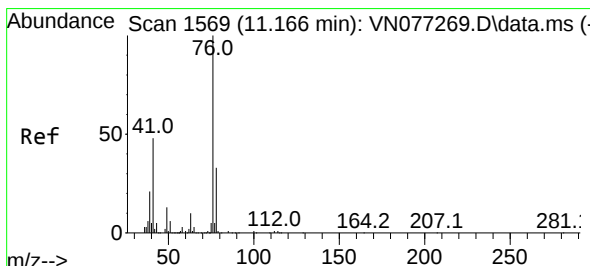
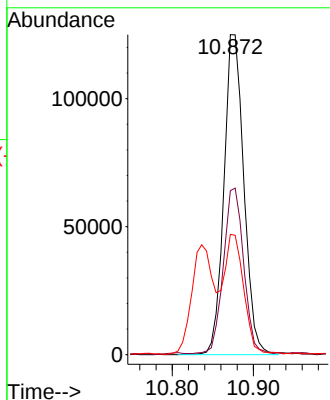
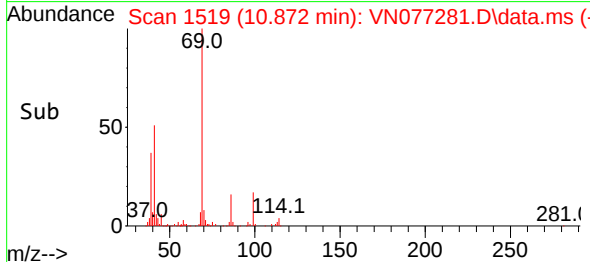
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



Tgt Ion: 69 Resp: 214010
Ion Ratio Lower Upper
69 100
41 50.6 26.7 80.0
39 37.0 17.0 50.9

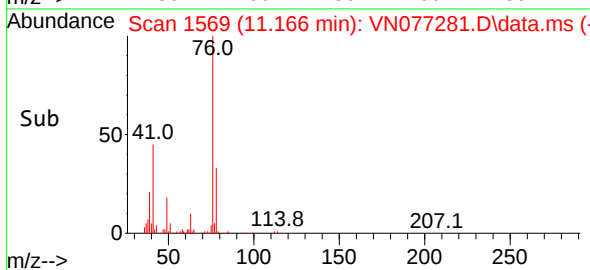
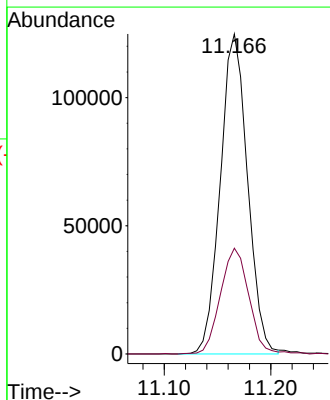
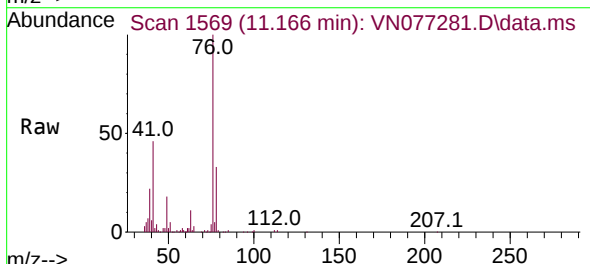
Manual Integrations
APPROVED

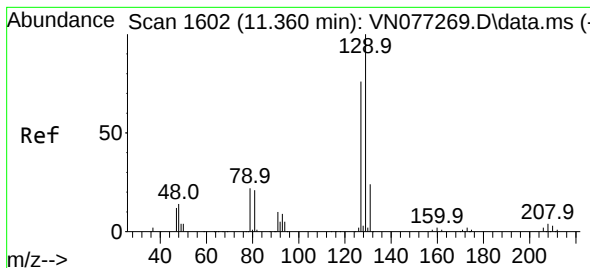
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#52
1,3-Dichloropropane
Concen: 18.753 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

Tgt Ion: 76 Resp: 221615
Ion Ratio Lower Upper
76 100
78 34.4 0.0 65.0





#53

Dibromochloromethane

Concen: 18.910 ug/l

RT: 11.360 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VN077281.D

Acq: 07 Apr 2023 17:28

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS02

Tgt Ion:129 Resp: 14112

Ion Ratio Lower Upper

129 100

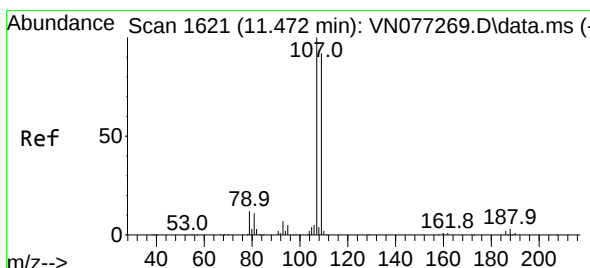
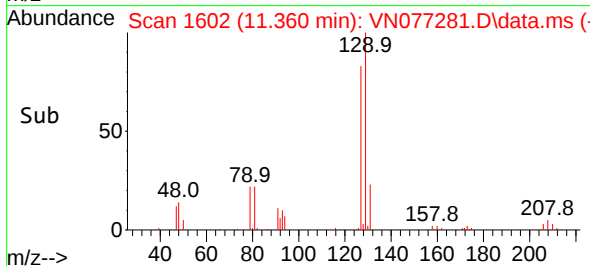
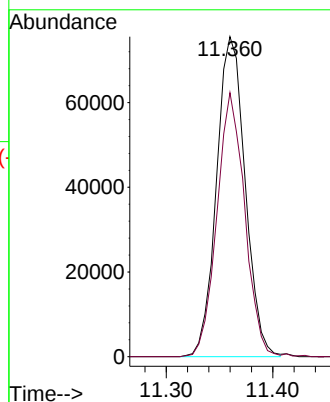
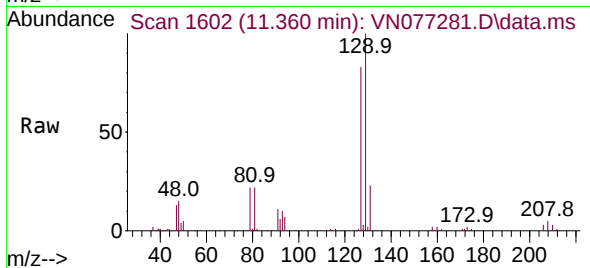
127 79.8 38.6 115.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#54

1,2-Dibromoethane

Concen: 19.377 ug/l

RT: 11.472 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VN077281.D

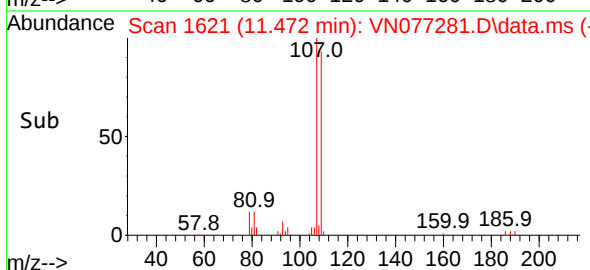
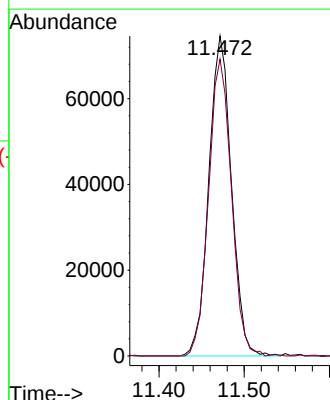
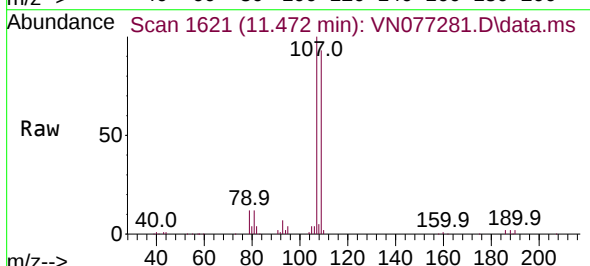
Acq: 07 Apr 2023 17:28

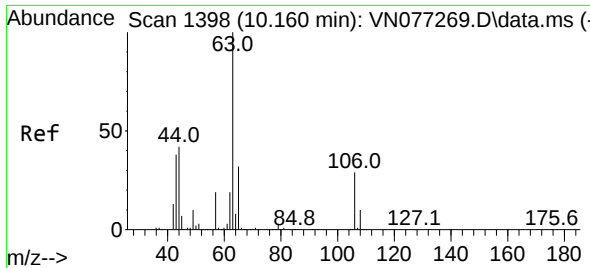
Tgt Ion:107 Resp: 137737

Ion Ratio Lower Upper

107 100

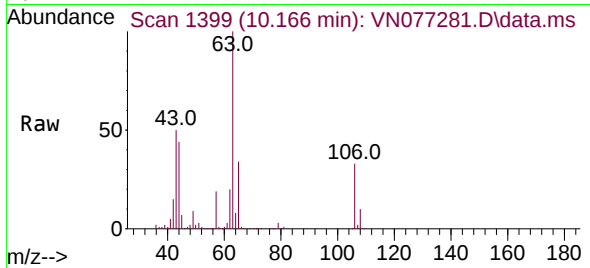
109 93.1 74.1 111.1





#55
2-Chloroethyl vinyl ether
Concen: 98.326 ug/l
RT: 10.166 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

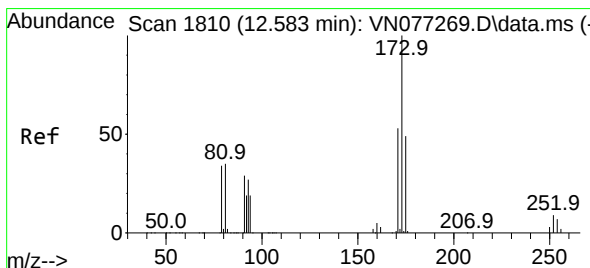
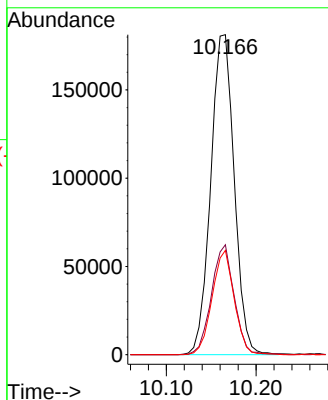
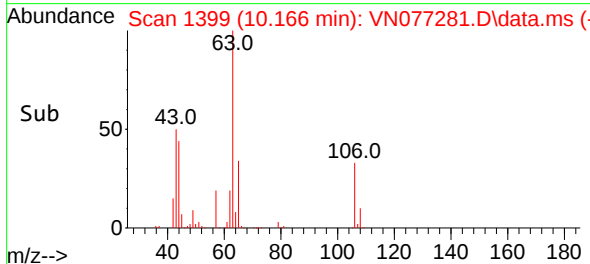
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



Tgt Ion: 63 Resp: 330104
Ion Ratio Lower Upper
63 100
65 33.0 25.7 38.5
106 30.7 24.0 36.0

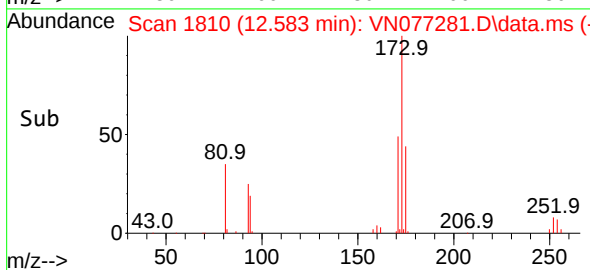
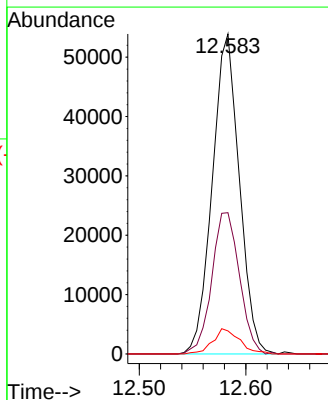
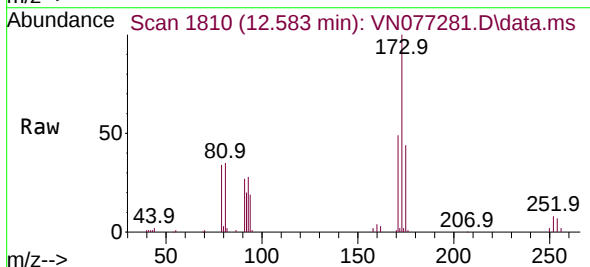
Manual Integrations
APPROVED

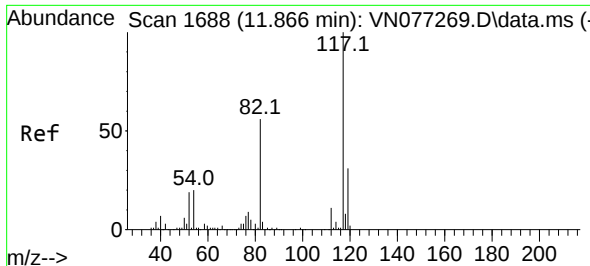
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#56
Bromoform
Concen: 18.952 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

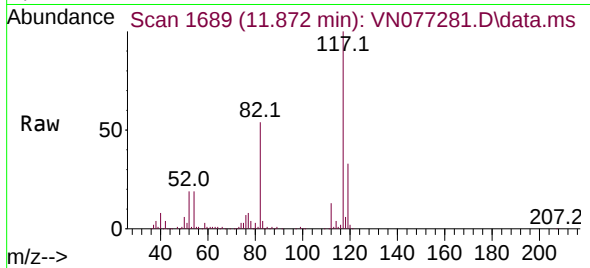
Tgt Ion:173 Resp: 95011
Ion Ratio Lower Upper
173 100
175 45.2 38.2 57.2
254 7.8 6.0 9.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.872 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

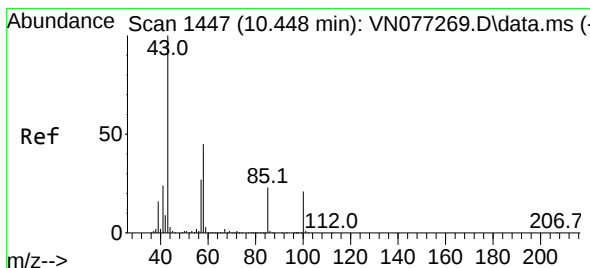
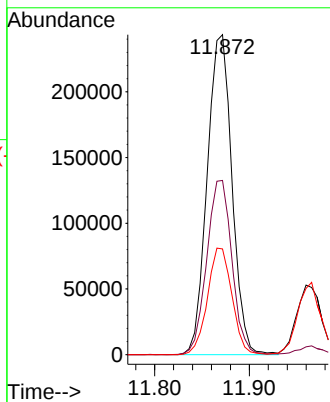
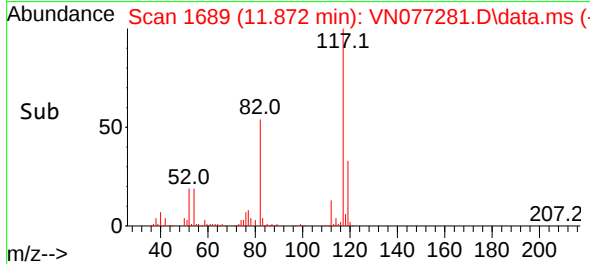
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



Tgt Ion:117 Resp: 44352
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.8
119 32.8 25.4 38.0

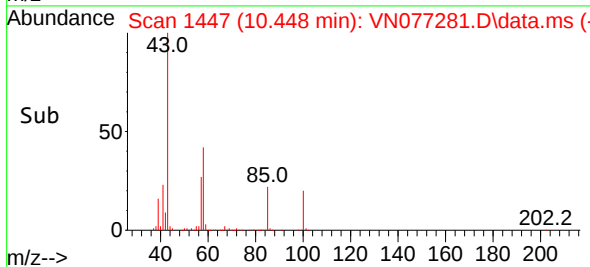
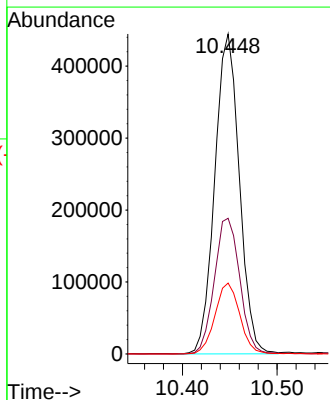
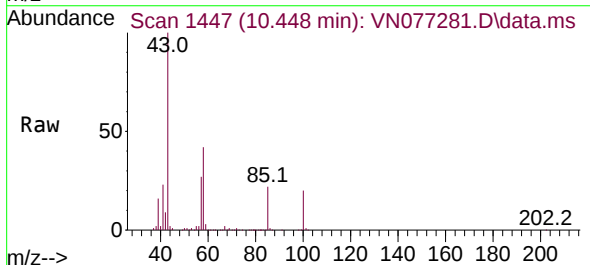
Manual Integrations
APPROVED

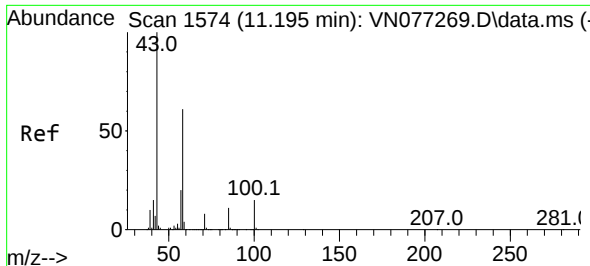
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#58
4-Methyl-2-Pentanone
Concen: 96.565 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

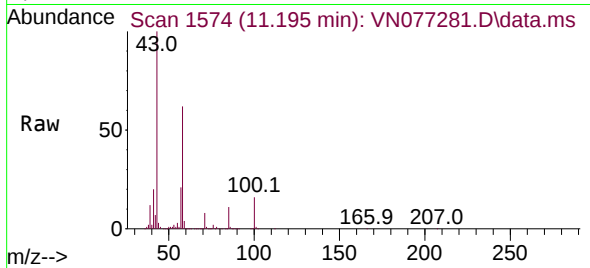
Tgt Ion: 43 Resp: 801908
Ion Ratio Lower Upper
43 100
58 43.9 34.7 52.1
85 22.4 17.8 26.8





#59
2-Hexanone
Concen: 91.917 ug/l
RT: 11.195 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

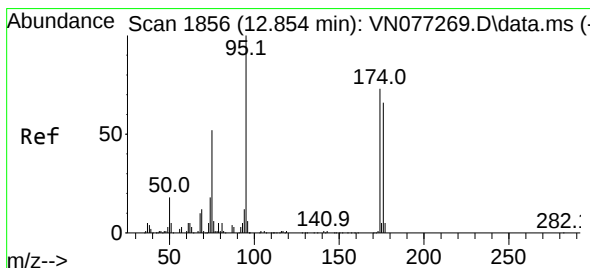
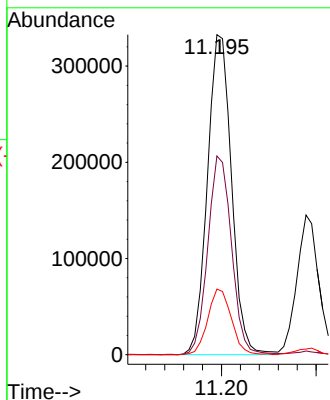
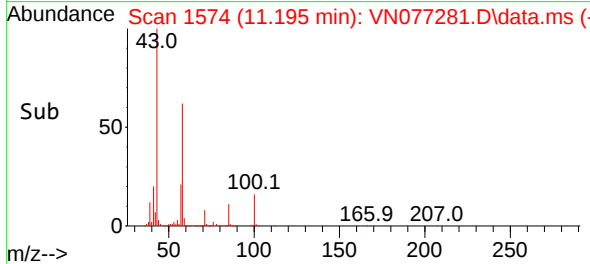
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



Tgt Ion: 43 Resp: 590011
Ion Ratio Lower Upper
43 100
58 61.1 48.6 73.0
57 20.0 16.7 25.1

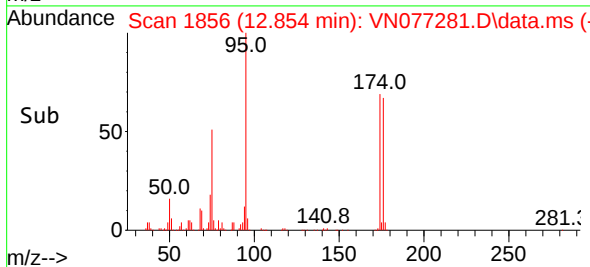
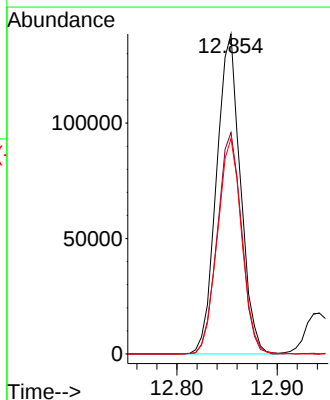
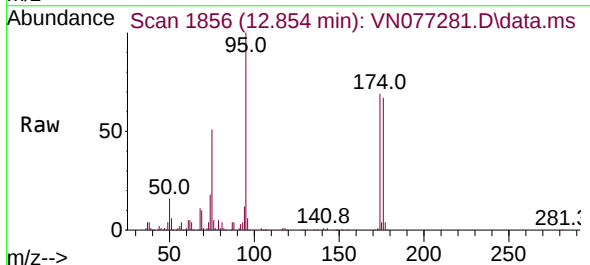
Manual Integrations
APPROVED

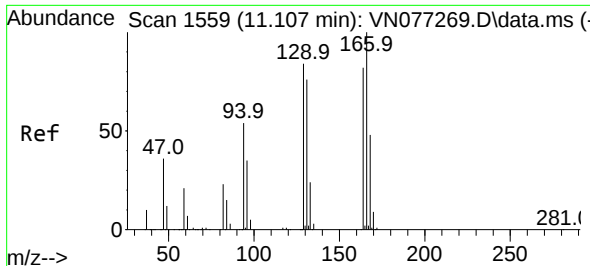
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#60
4-Bromofluorobenzene
Concen: 29.894 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

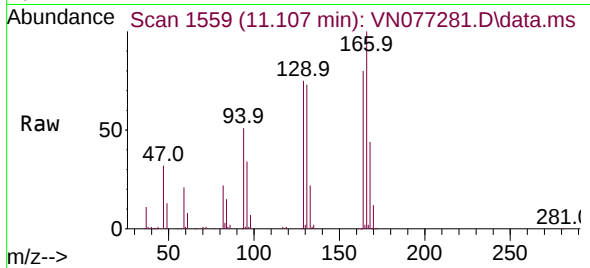
Tgt Ion: 95 Resp: 229262
Ion Ratio Lower Upper
95 100
174 70.2 57.8 86.8
176 68.4 54.6 81.8





#61
Tetrachloroethene
Concen: 20.047 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

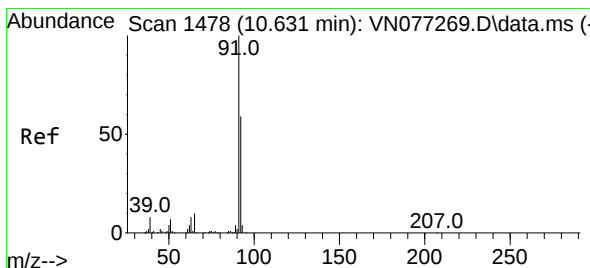
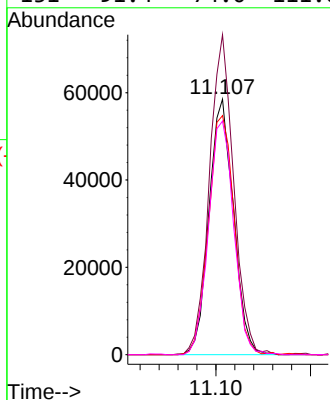
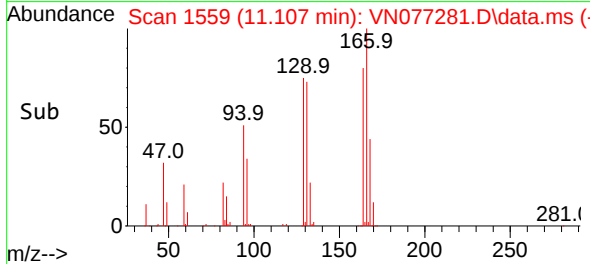
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



Tgt Ion:164 Resp: 105753
Ion Ratio Lower Upper
164 100
166 125.2 97.9 146.9
129 93.5 82.5 123.7
131 91.4 74.0 111.0

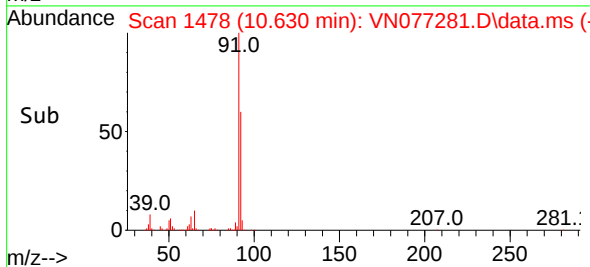
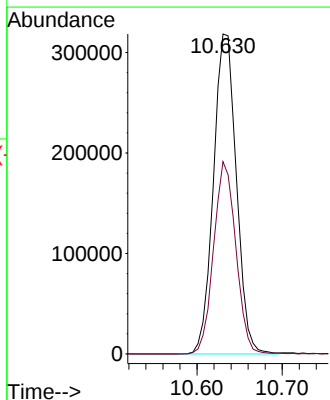
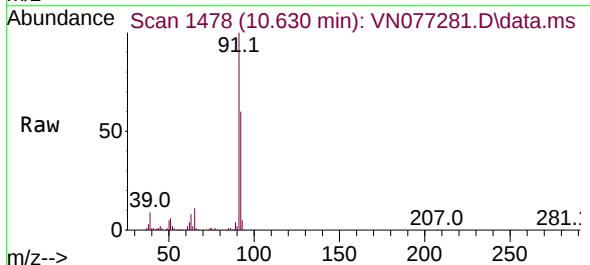
Manual Integrations
APPROVED

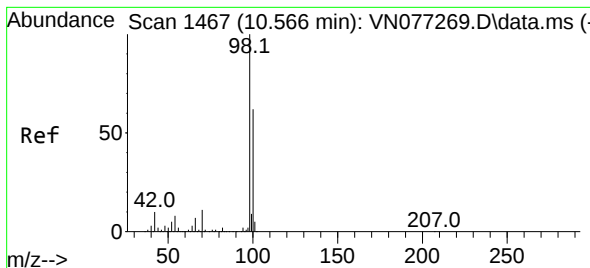
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#62
Toluene
Concen: 19.251 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

Tgt Ion: 91 Resp: 595738
Ion Ratio Lower Upper
91 100
92 58.2 46.6 70.0





#63

Toluene-d8

Concen: 30.208 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077281.D

Acq: 07 Apr 2023 17:28

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS02

Tgt Ion: 98 Resp: 471009

Ion Ratio Lower Upper

98 100

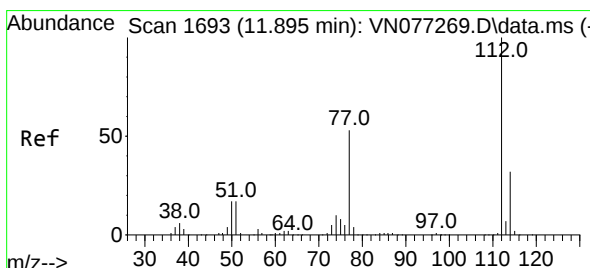
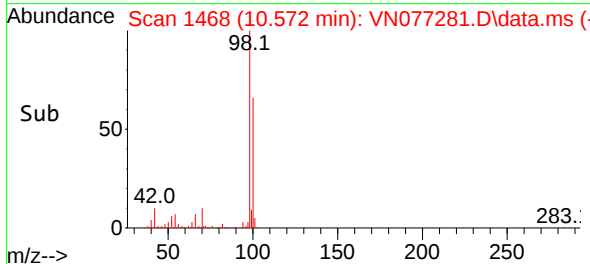
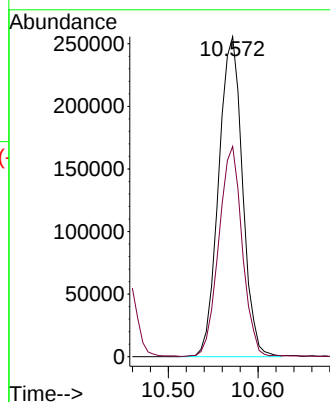
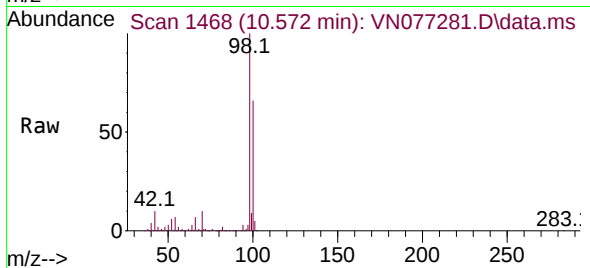
100 64.2 51.4 77.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#64

Chlorobenzene

Concen: 19.336 ug/l

RT: 11.895 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VN077281.D

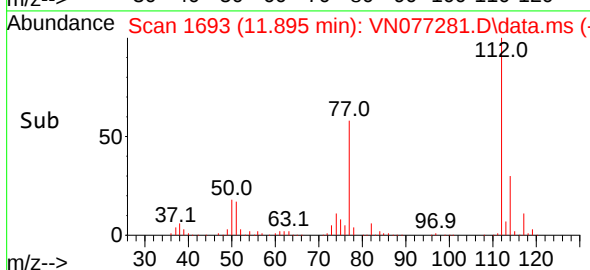
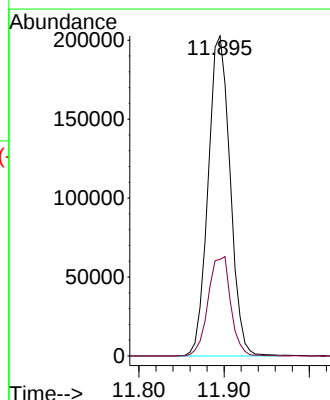
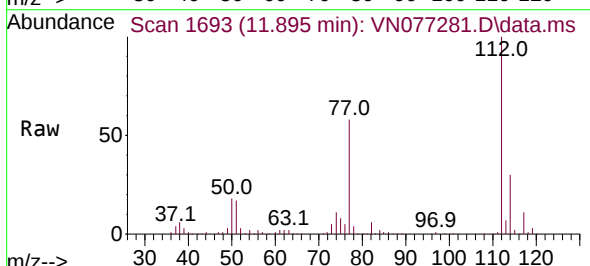
Acq: 07 Apr 2023 17:28

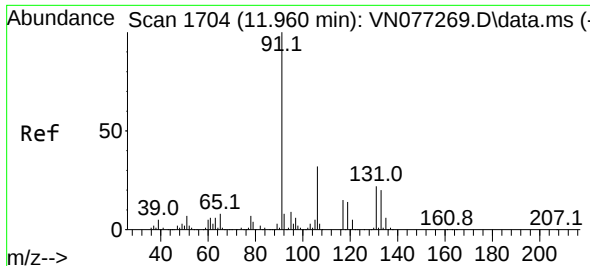
Tgt Ion:112 Resp: 363536

Ion Ratio Lower Upper

112 100

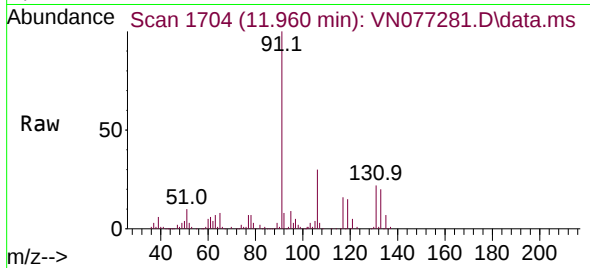
114 30.2 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.072 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

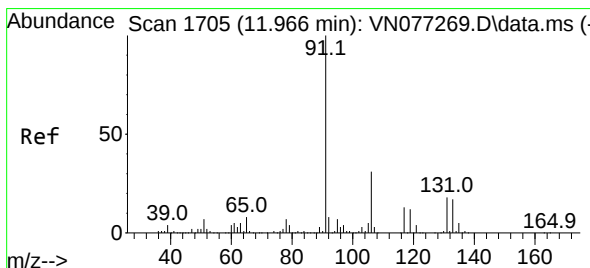
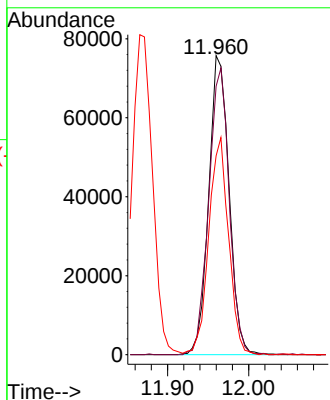
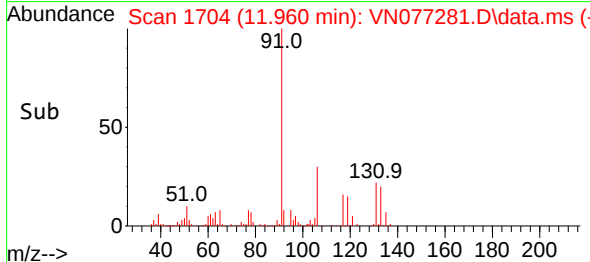
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



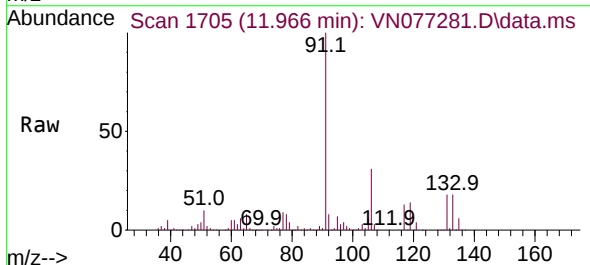
Tgt Ion:131 Resp: 13185
Ion Ratio Lower Upper
131 100
133 96.7 0.0 184.4
119 70.7 0.0 134.8

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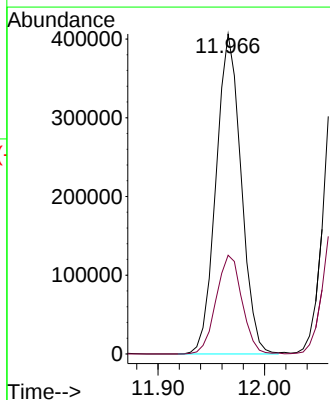
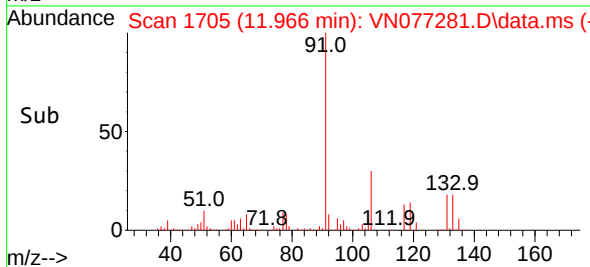
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

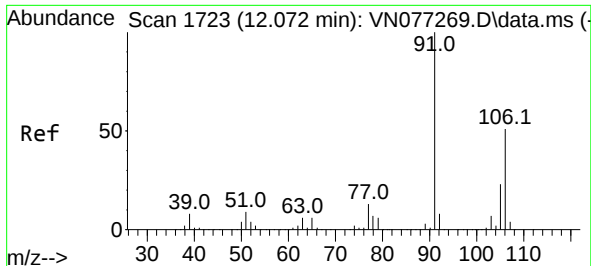


#66
Ethyl Benzene
Concen: 19.384 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28



Tgt Ion: 91 Resp: 664568
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.6





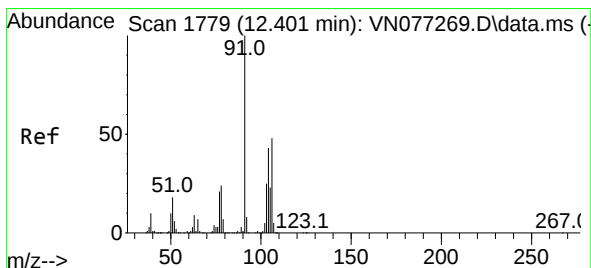
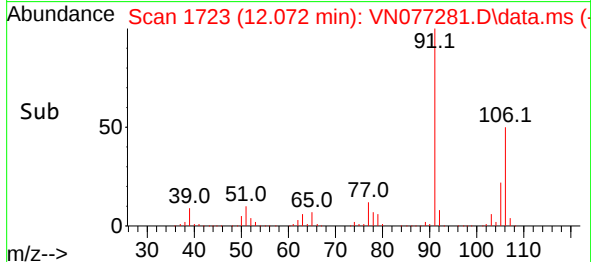
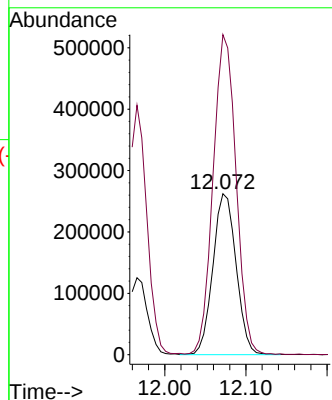
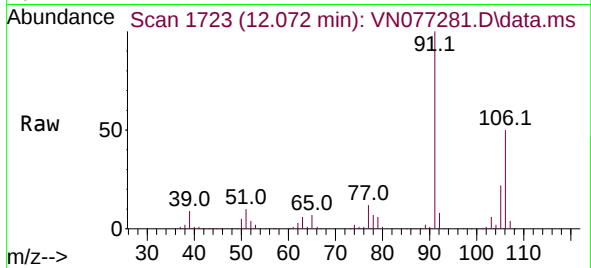
#67
m/p-Xylenes
Concen: 38.779 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02

Tgt Ion:106 Resp: 52112
Ion Ratio Lower Upper
106 100
91 197.1 158.0 237.0

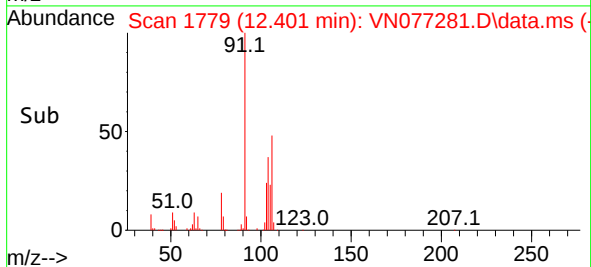
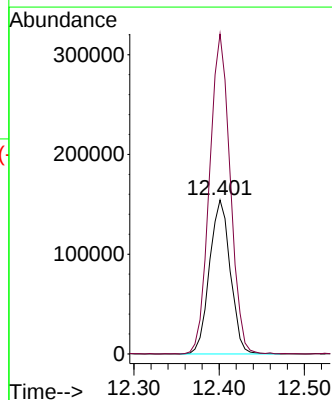
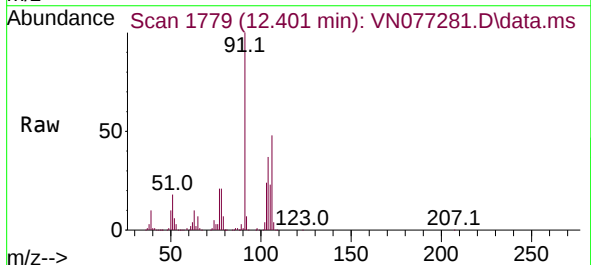
Manual Integrations
APPROVED

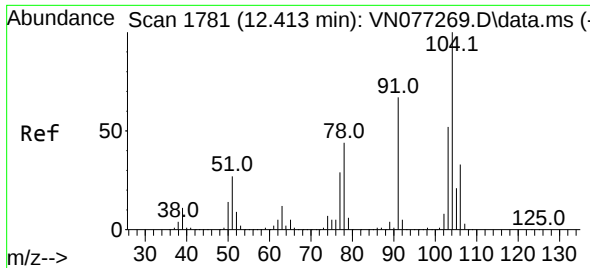
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#68
o-Xylene
Concen: 19.465 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

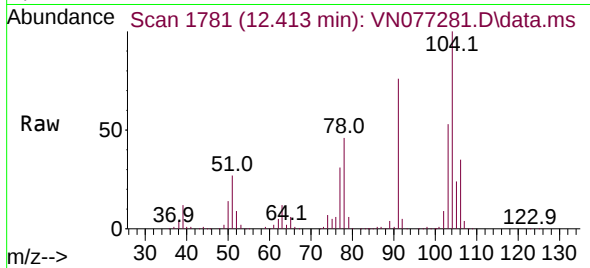
Tgt Ion:106 Resp: 261690
Ion Ratio Lower Upper
106 100
91 206.7 103.6 310.8





#69
Styrene
Concen: 19.162 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

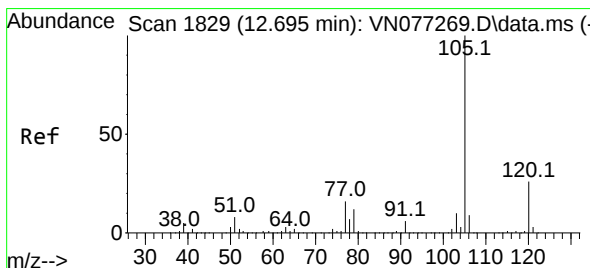
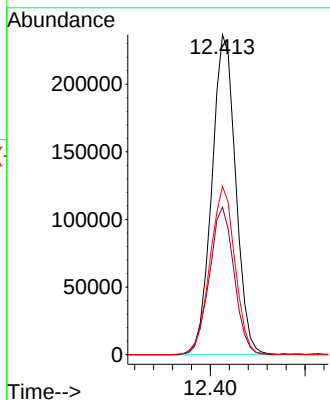
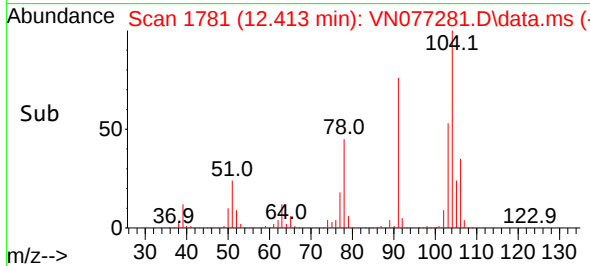
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



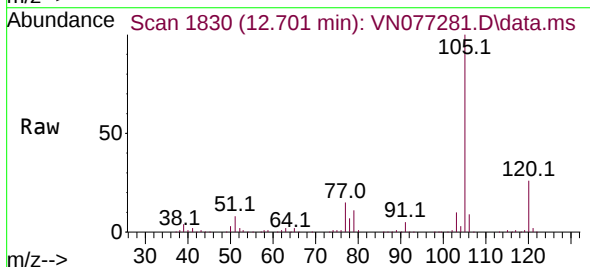
Tgt Ion:104 Resp: 412725
Ion Ratio Lower Upper
104 100
78 48.1 38.2 57.4
103 55.0 43.6 65.4

Manual Integrations
APPROVED

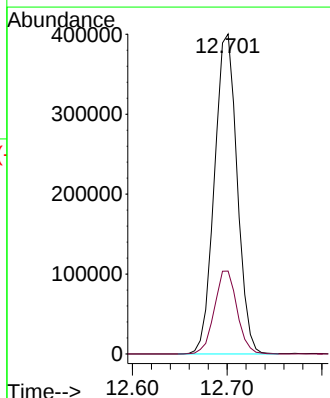
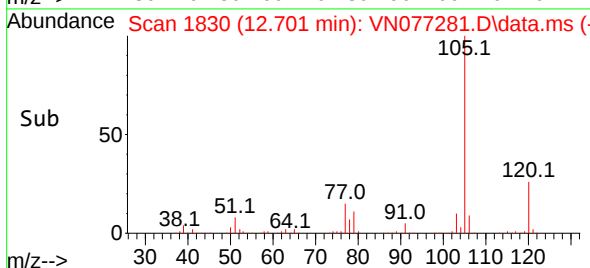
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

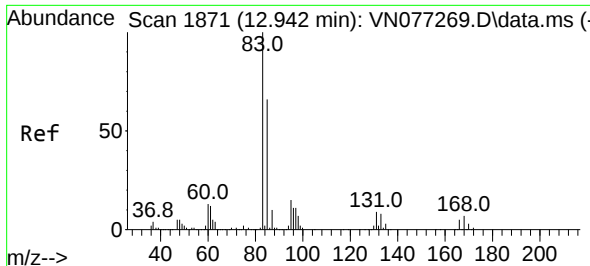


#70
Isopropylbenzene
Concen: 19.569 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28



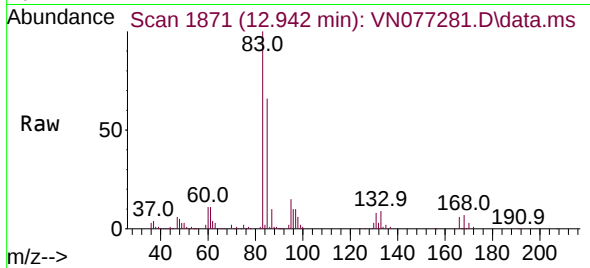
Tgt Ion:105 Resp: 667662
Ion Ratio Lower Upper
105 100
120 25.9 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.532 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

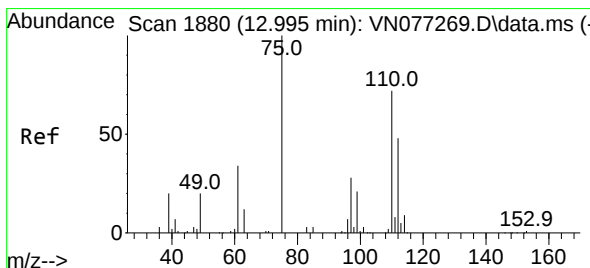
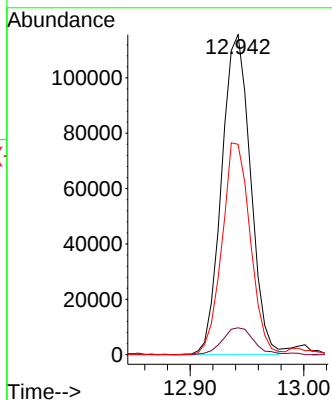
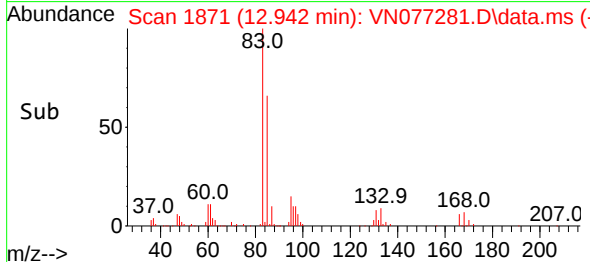
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



Tgt Ion: 83 Resp: 20407
Ion Ratio Lower Upper
83 100
131 9.1 4.7 14.0
85 65.0 32.3 96.8

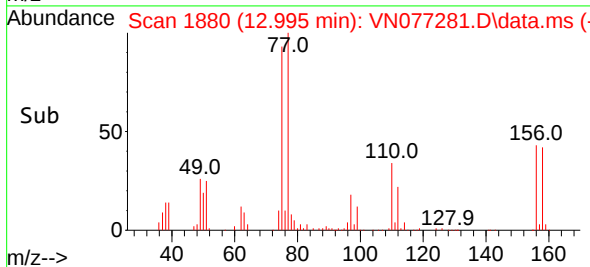
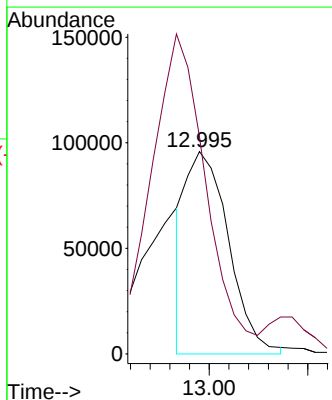
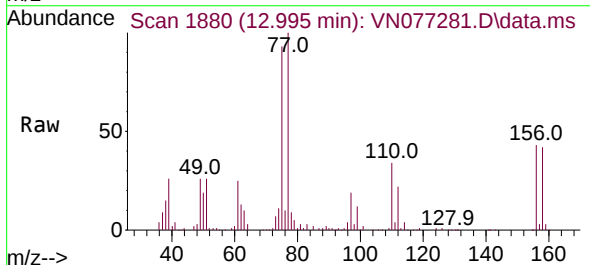
Manual Integrations
APPROVED

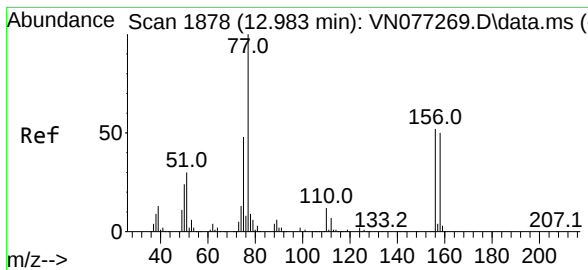
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#72
1,2,3-Trichloropropane
Concen: 20.448 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

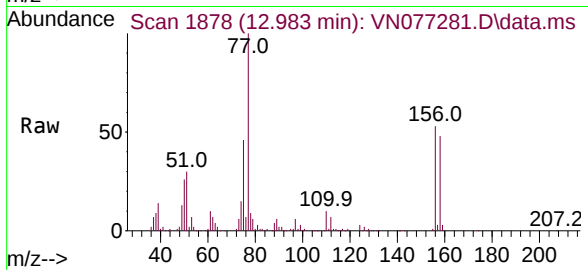
Tgt Ion: 75 Resp: 145230
Ion Ratio Lower Upper
75 100
77 204.4 0.0 434.2





#73
Bromobenzene
Concen: 19.344 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

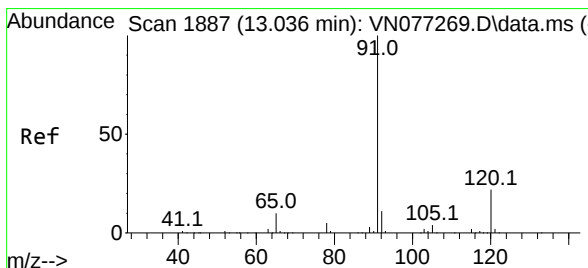
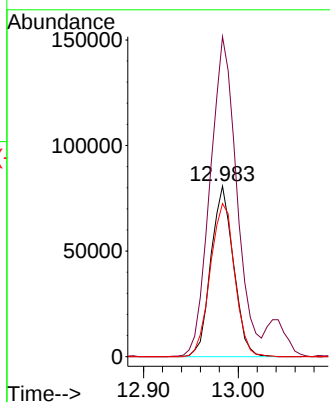
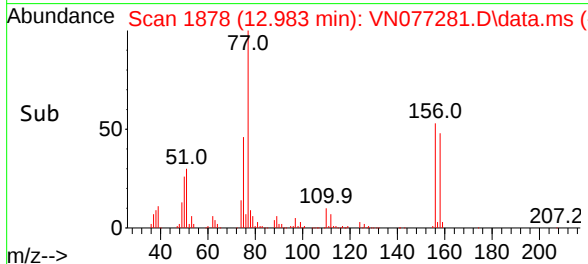
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



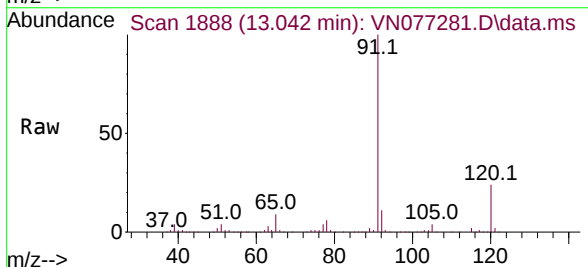
Tgt Ion:156 Resp: 134092
Ion Ratio Lower Upper
156 100
77 221.3 0.0 456.6
158 97.0 0.0 195.6

Manual Integrations
APPROVED

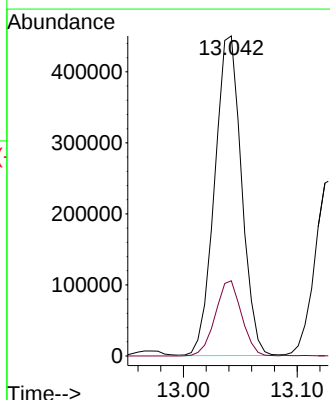
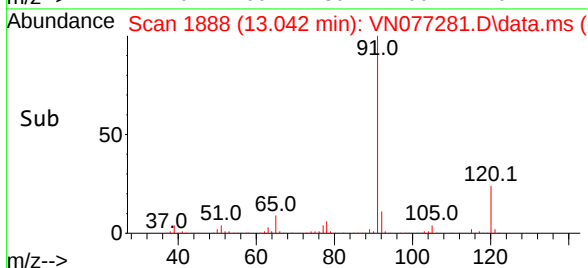
Reviewed By :John Carbone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

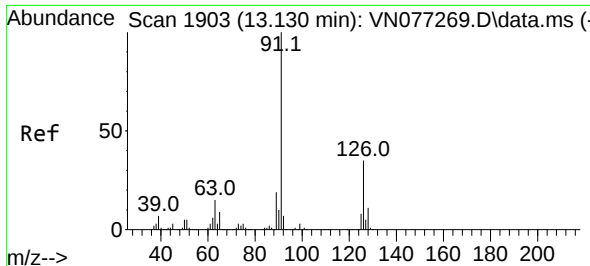


#74
n-propylbenzene
Concen: 19.618 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28



Tgt Ion: 91 Resp: 740554
Ion Ratio Lower Upper
91 100
120 23.0 0.0 45.6





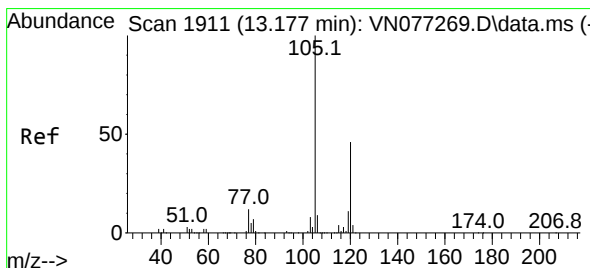
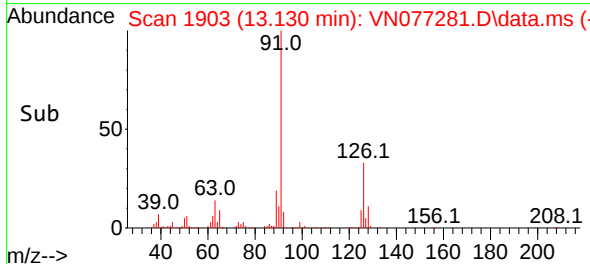
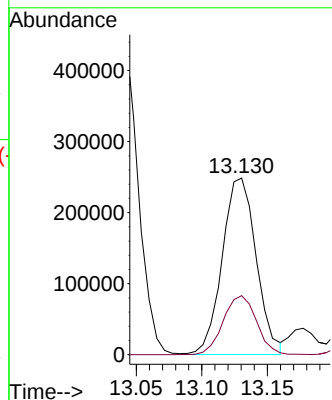
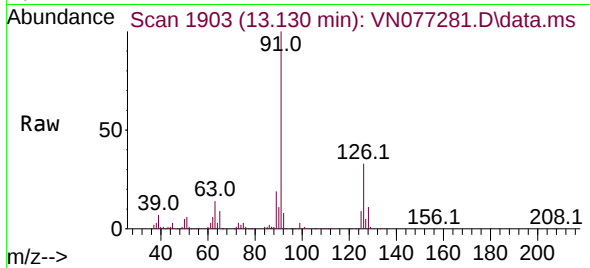
#75
2-Chlorotoluene
Concen: 19.826 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02

Tgt Ion: 91 Resp: 44835
Ion Ratio Lower Upper
91 100
126 32.4 0.0 67.0

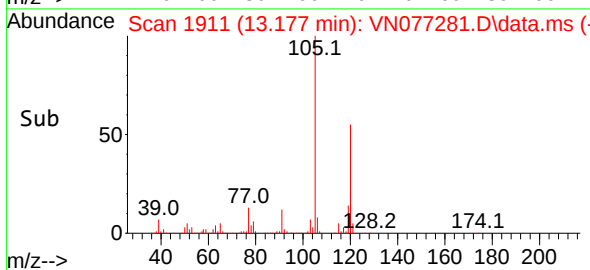
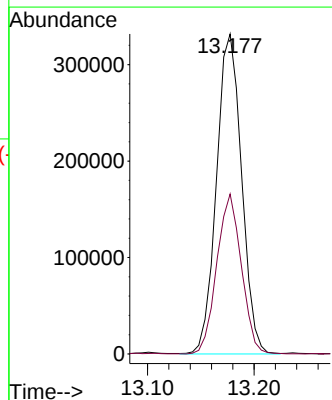
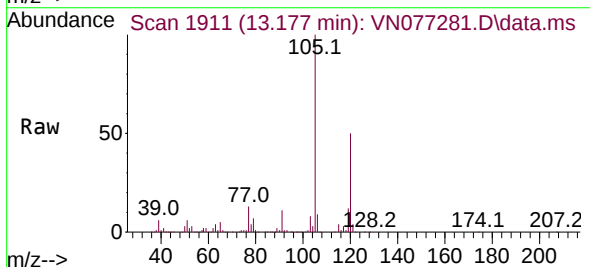
Manual Integrations
APPROVED

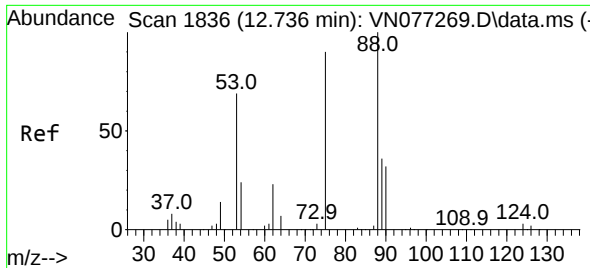
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.542 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

Tgt Ion:105 Resp: 542680
Ion Ratio Lower Upper
105 100
120 48.9 0.0 94.4





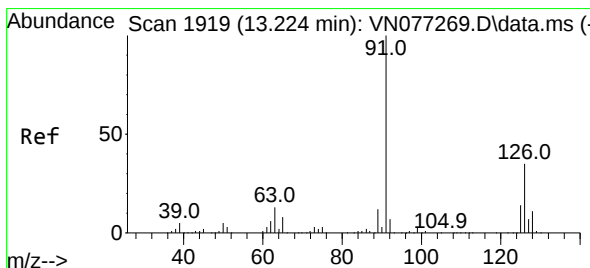
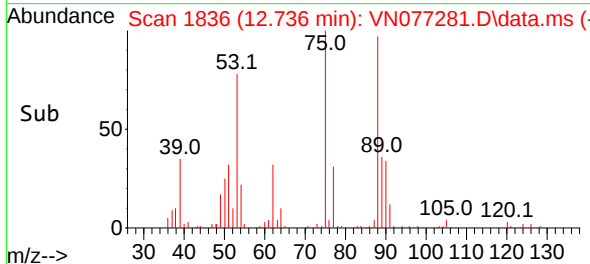
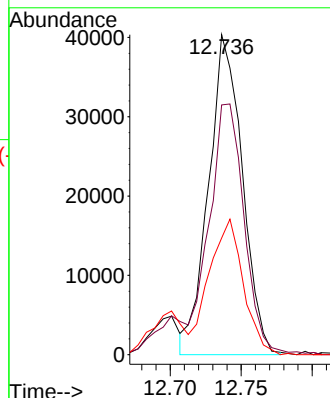
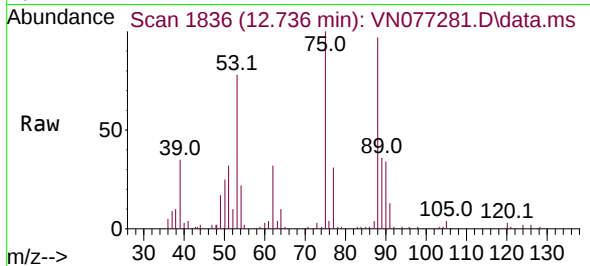
#77
t-1,4-Dichloro-2-butene
Concen: 18.428 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02

Tgt Ion: 75 Resp: 6666
Ion Ratio Lower Upper
75 100
53 77.1 38.8 116.4
89 36.7 23.2 69.6

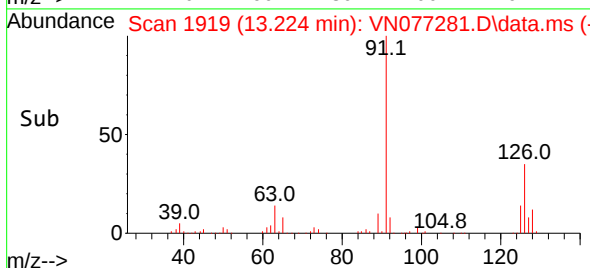
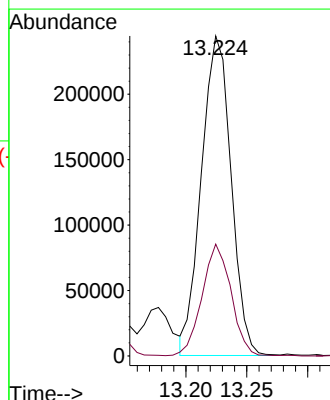
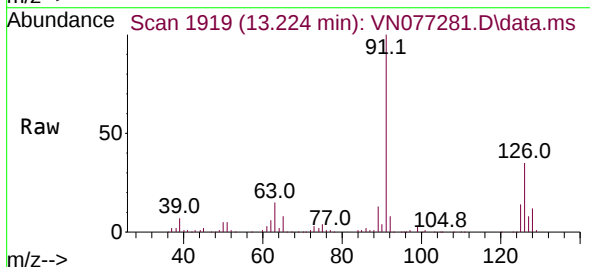
Manual Integrations
APPROVED

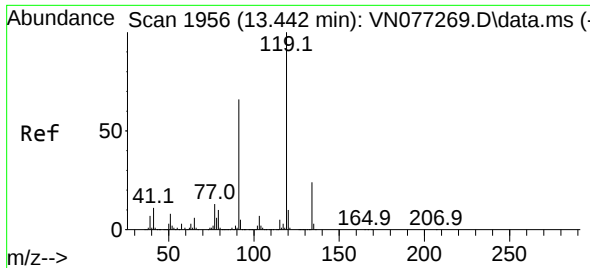
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#78
4-Chlorotoluene
Concen: 19.410 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

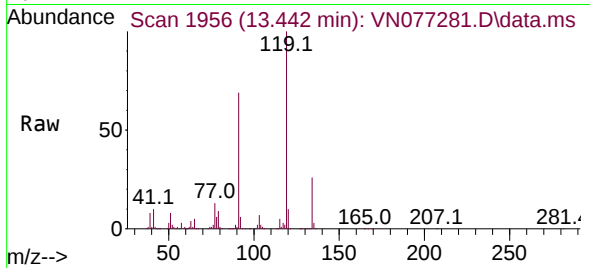
Tgt Ion: 91 Resp: 414759
Ion Ratio Lower Upper
91 100
126 34.0 0.0 67.4





#79
tert-butylbenzene
Concen: 19.729 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

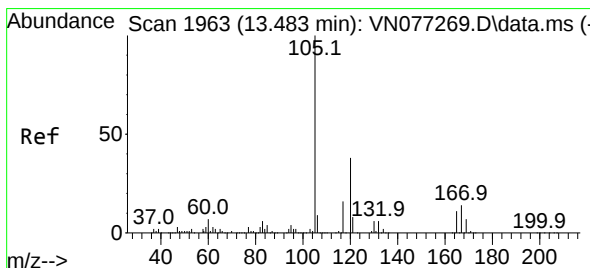
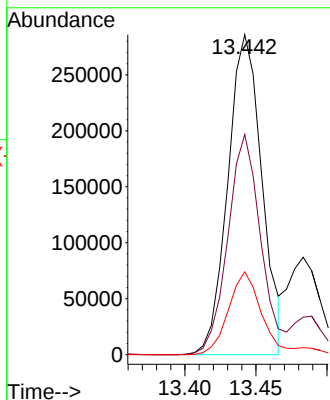
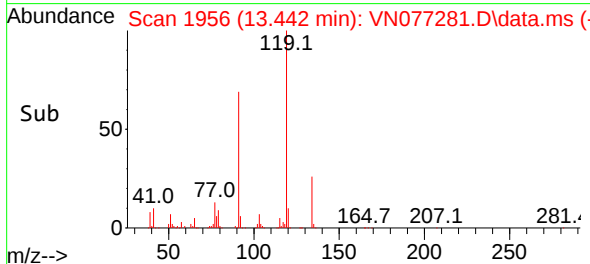
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



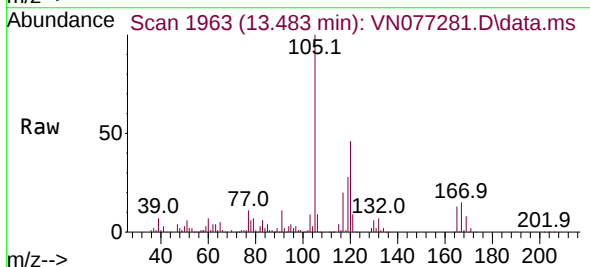
Tgt Ion:119 Resp: 476800
Ion Ratio Lower Upper
119 100
91 66.9 0.0 131.0
134 25.0 0.0 49.8

Manual Integrations
APPROVED

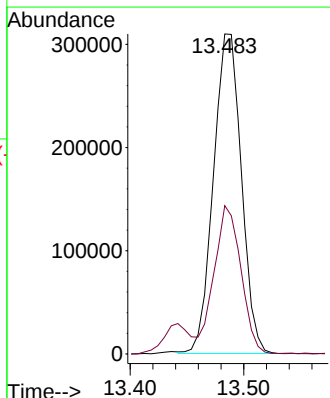
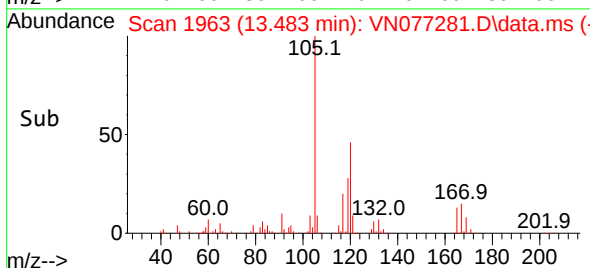
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

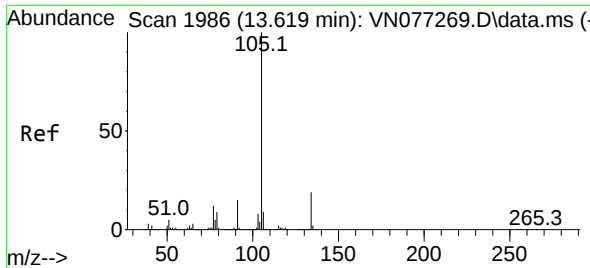


#80
1,2,4-Trimethylbenzene
Concen: 19.539 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28



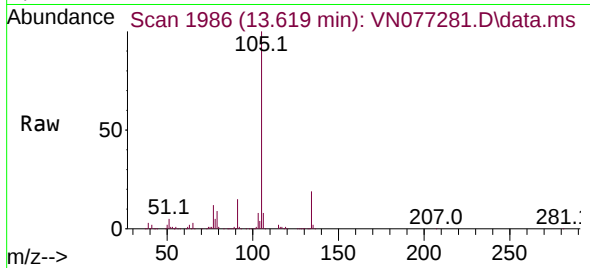
Tgt Ion:105 Resp: 528929
Ion Ratio Lower Upper
105 100
120 44.3 0.0 91.0





#81
 sec-Butylbenzene
 Concen: 19.848 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077281.D
 Acq: 07 Apr 2023 17:28

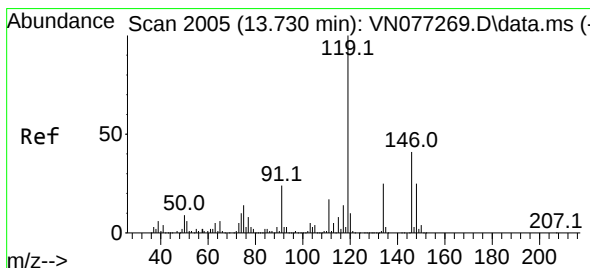
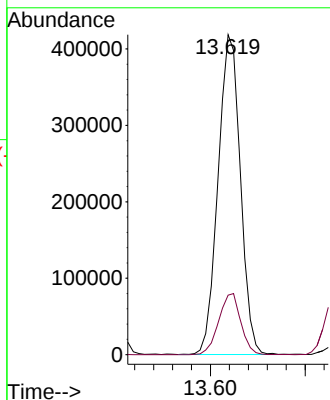
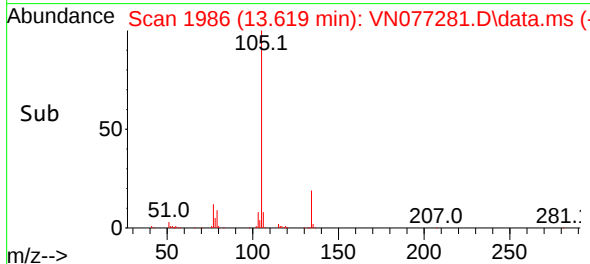
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBS02



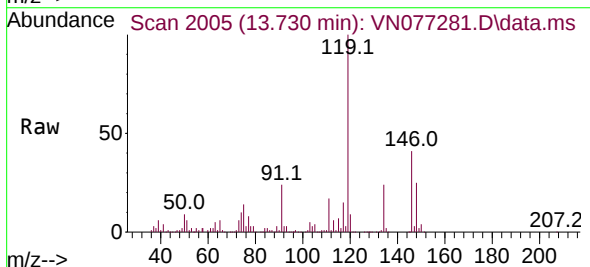
Tgt Ion:105 Resp: 685050
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.6

Manual Integrations
 APPROVED

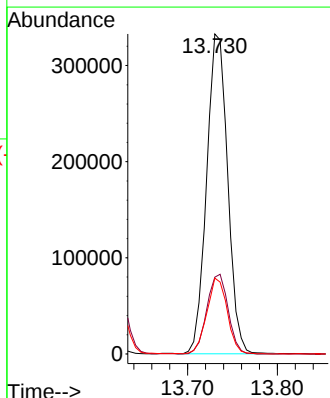
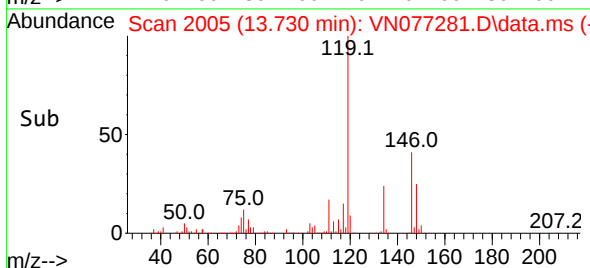
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023

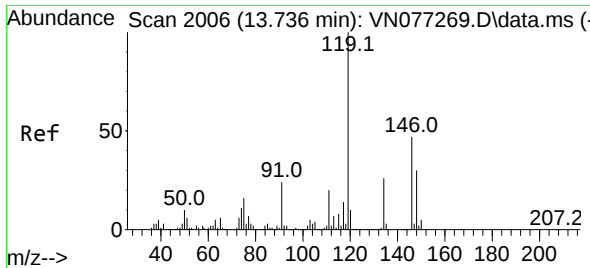


#82
 p-Isopropyltoluene
 Concen: 19.588 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077281.D
 Acq: 07 Apr 2023 17:28



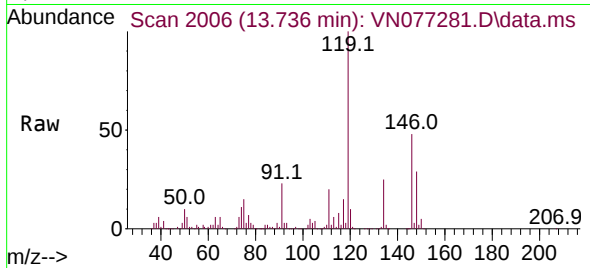
Tgt Ion:119 Resp: 541669
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 51.0
 91 23.1 0.0 48.0





#83
 1,3-Dichlorobenzene
 Concen: 18.940 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077281.D
 Acq: 07 Apr 2023 17:28

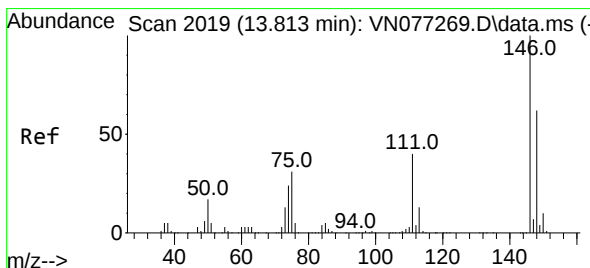
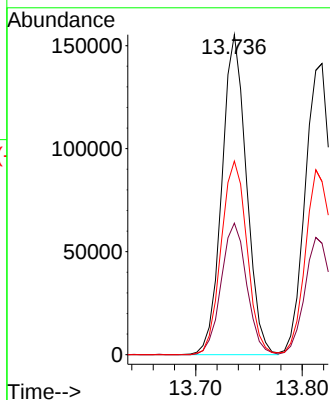
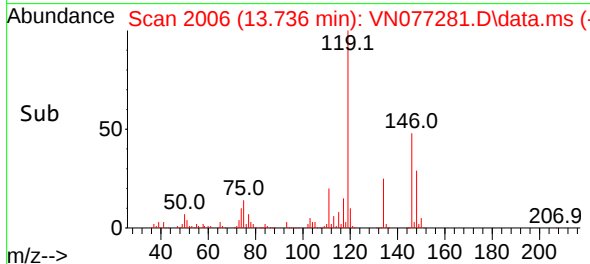
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBS02



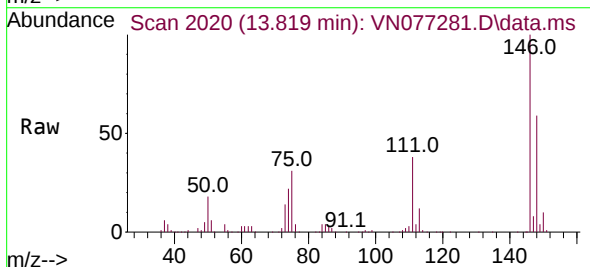
Tgt Ion:146 Resp: 24892
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.4 64.2
 148 63.5 31.9 95.5

Manual Integrations
 APPROVED

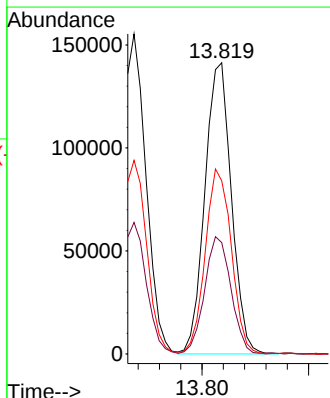
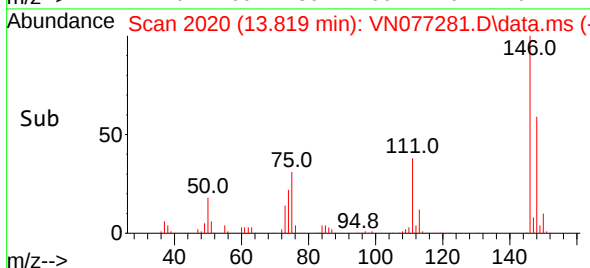
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023

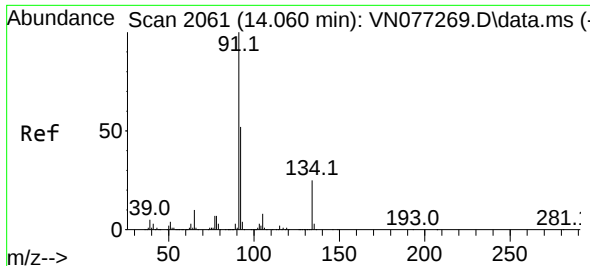


#84
 1,4-Dichlorobenzene
 Concen: 19.171 ug/l
 RT: 13.819 min Scan# 2020
 Delta R.T. 0.006 min
 Lab File: VN077281.D
 Acq: 07 Apr 2023 17:28



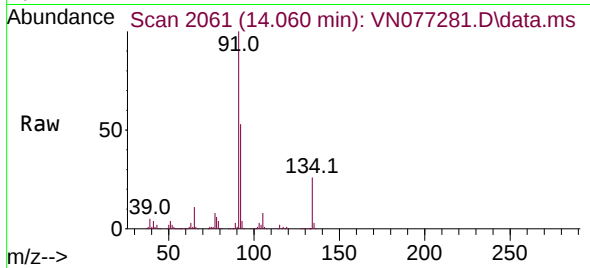
Tgt Ion:146 Resp: 244455
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.3 61.0
 148 62.6 31.6 94.7





#85
n-Butylbenzene
Concen: 18.977 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

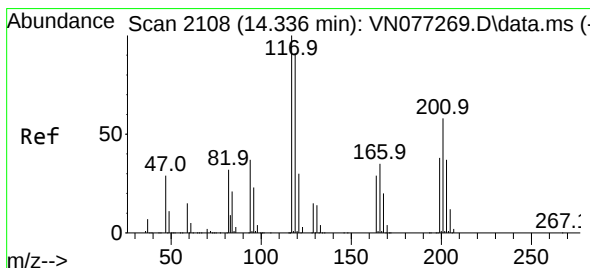
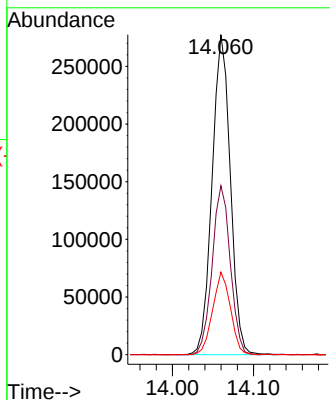
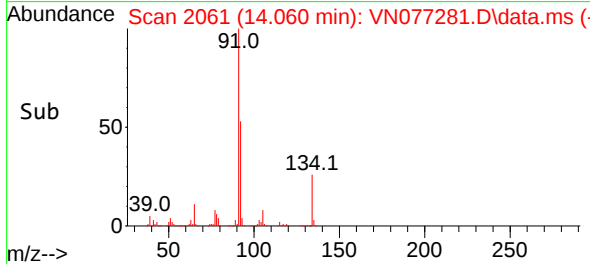
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



Tgt Ion: 91 Resp: 433630
Ion Ratio Lower Upper
91 100
92 52.5 0.0 105.6
134 25.1 0.0 49.4

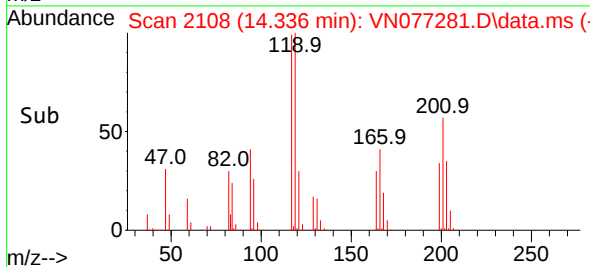
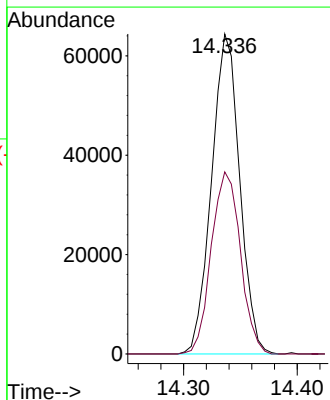
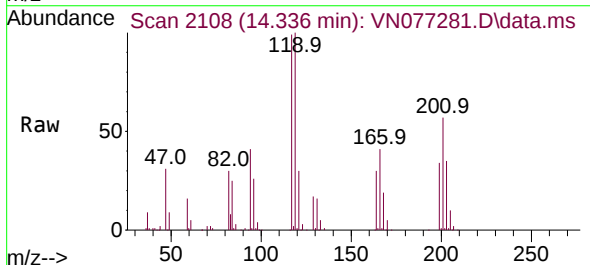
Manual Integrations
APPROVED

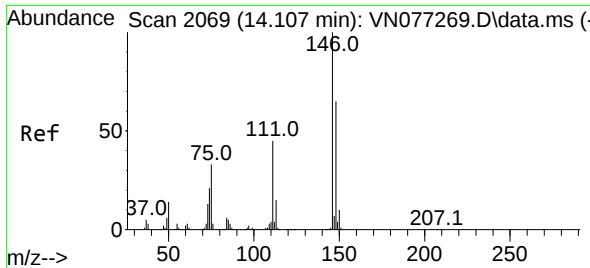
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#86
Hexachloroethane
Concen: 18.863 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

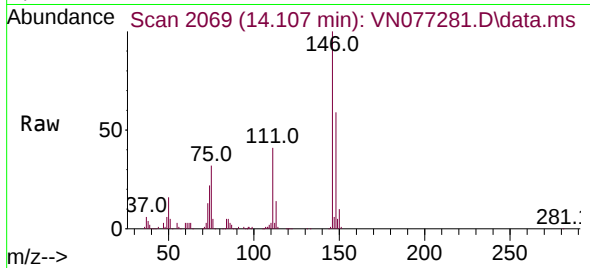
Tgt Ion:117 Resp: 110957
Ion Ratio Lower Upper
117 100
201 58.8 29.1 87.4





#87
1,2-Dichlorobenzene
Concen: 19.017 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

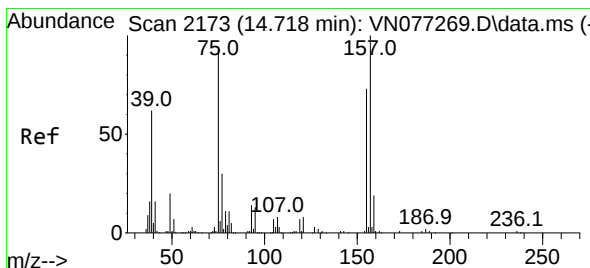
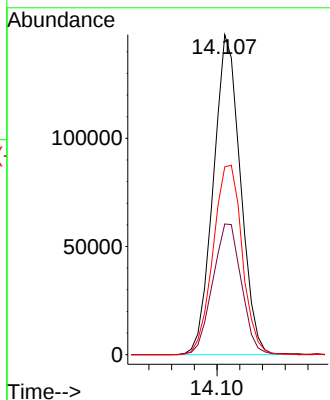
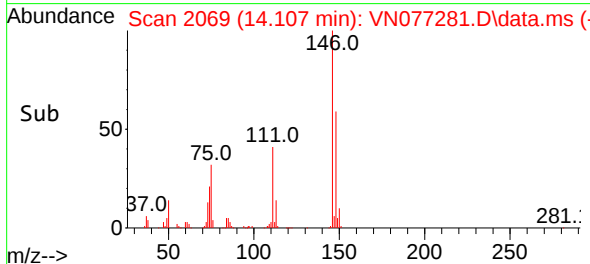
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



Tgt Ion:146 Resp: 244900
Ion Ratio Lower Upper
146 100
111 43.5 22.1 66.5
148 63.7 31.9 95.7

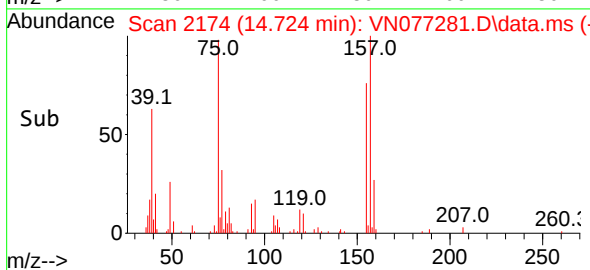
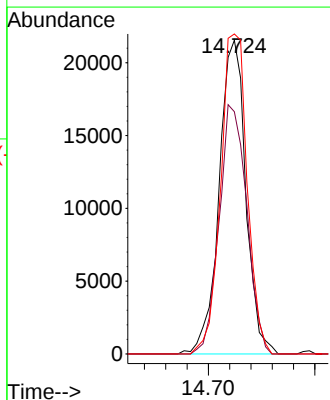
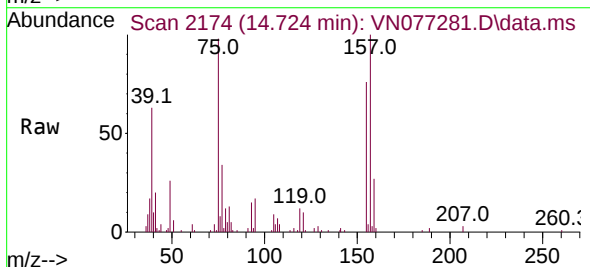
Manual Integrations
APPROVED

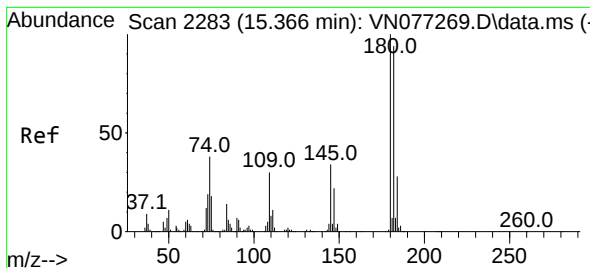
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.680 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.006 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

Tgt Ion: 75 Resp: 37401
Ion Ratio Lower Upper
75 100
155 82.2 67.8 101.6
157 102.0 86.3 129.5





#89

1,2,4-Trichlorobenzene

Concen: 17.121 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077281.D

Acq: 07 Apr 2023 17:28

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS02

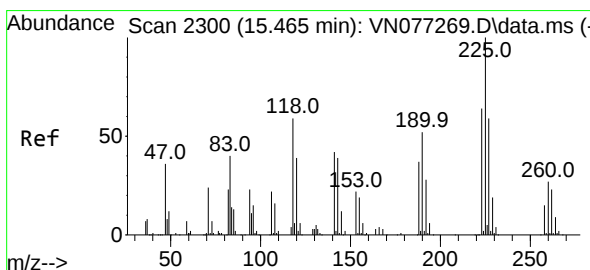
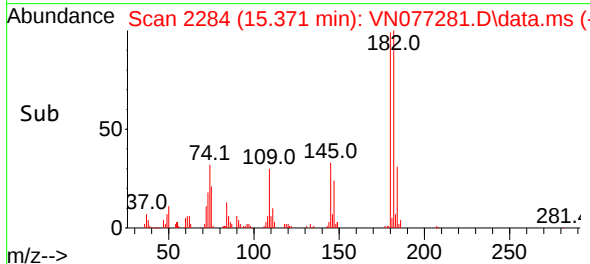
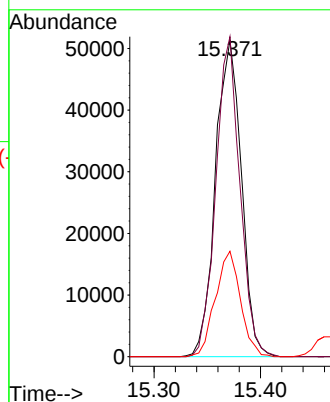
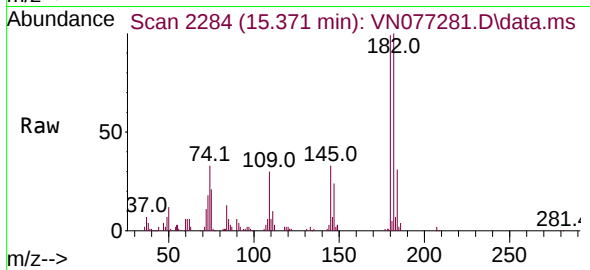
Tgt Ion:	180	Resp:	86728
Ion Ratio	Lower	Upper	
180	100		
182	93.7	75.6	113.4
145	32.3	26.7	40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#90

Hexachlorobutadiene

Concen: 18.787 ug/l

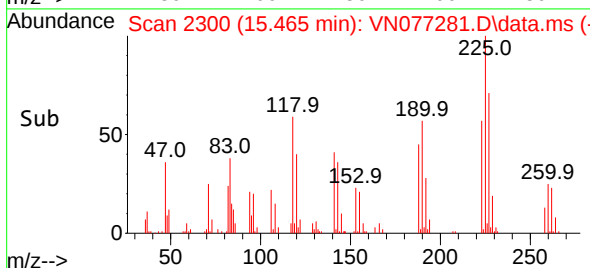
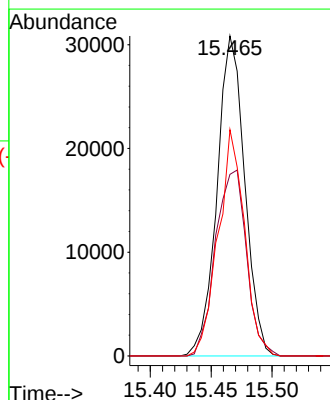
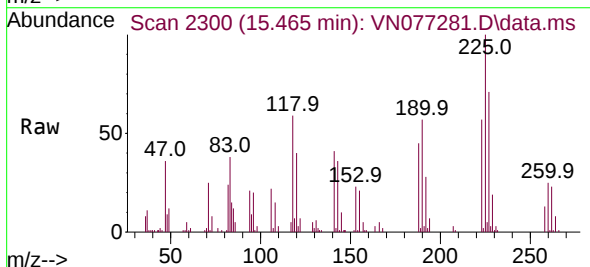
RT: 15.465 min Scan# 2300

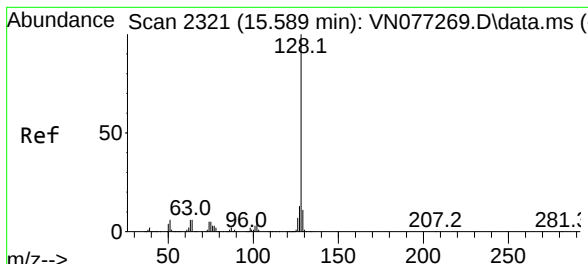
Delta R.T. -0.000 min

Lab File: VN077281.D

Acq: 07 Apr 2023 17:28

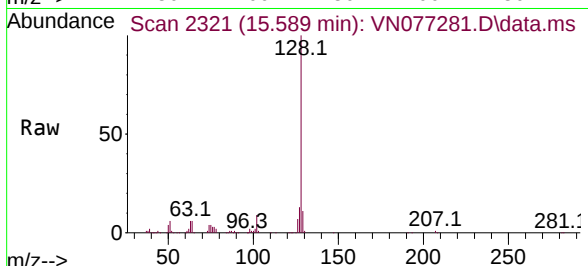
Tgt Ion:	225	Resp:	48809
Ion Ratio	Lower	Upper	
225	100		
223	64.9	0.0	126.0
227	67.0	0.0	127.2





#91
Naphthalene
Concen: 17.407 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28

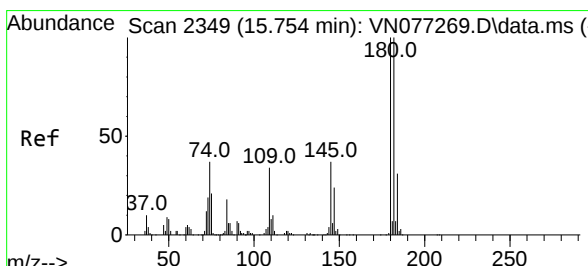
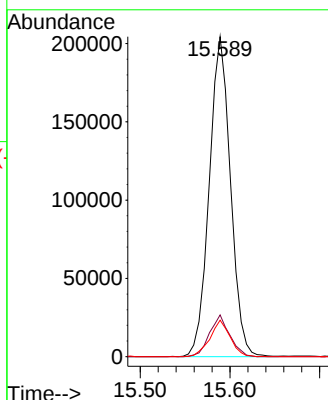
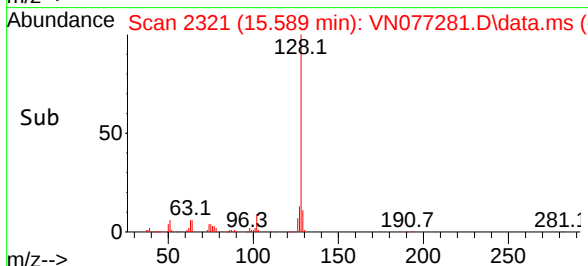
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS02



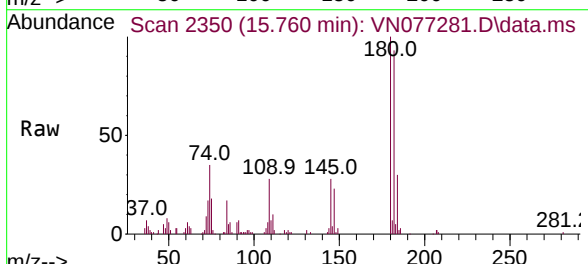
Tgt Ion:128 Resp: 336849
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 10.8 8.9 13.3

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 17.624 ug/l
RT: 15.760 min Scan# 2350
Delta R.T. 0.006 min
Lab File: VN077281.D
Acq: 07 Apr 2023 17:28



Tgt Ion:180 Resp: 87112
Ion Ratio Lower Upper
180 100
182 91.7 0.0 190.4
145 31.9 0.0 72.4

