

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077269.D
 Acq On : 07 Apr 2023 10:22
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Quant Time: Apr 07 11:19:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 10:13:15 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	7.825	128	62933	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	469886	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	519769	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	156552	27.064	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	90.200%#		
60) 4-Bromofluorobenzene	12.854	95	280196	28.483	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	94.933%		
63) Toluene-d8	10.566	98	542174	29.657	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.867%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	275374	34.194	ug/l	97
3) Chloromethane	2.372	50	349133	47.432	ug/l	98
4) Vinyl Chloride	2.519	62	516973	77.019	ug/l	95
5) Bromomethane	2.949	94	343672	80.064	ug/l	89
6) Chloroethane	3.119	64	351770	89.186	ug/l	96
7) Trichlorofluoromethane	3.502	101	471677	37.616	ug/l	98
8) Diethyl Ether	3.966	74	204221	43.428	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.378	101	303706	42.752	ug/l	98
10) 1,1-Dichloroethene	4.349	96	296877	43.057	ug/l	81
11) Methyl Iodide	4.601	142	375191	45.160	ug/l	91
12) Methyl Acetate	5.031	43	463254	40.849	ug/l #	87
13) Acrolein	4.190	56	288184	171.891	ug/l	100
14) Acrylonitrile	5.725	53	797125	213.373	ug/l	99
15) Acetone	4.437	58	298757	293.848	ug/l	79
16) Carbon Disulfide	4.719	76	789926	41.317	ug/l	99
17) Allyl chloride	5.031	41	383684	37.101	ug/l	82
18) Methylene Chloride	5.290	84	346145	42.919	ug/l #	78
19) trans-1,2-Dichloroethene	5.790	96	331046	45.565	ug/l	86
20) Diisopropyl ether	6.678	45	934037	40.035	ug/l #	83
21) 1,1-Dichloroethane	6.578	63	605321	43.599	ug/l	98
22) cis-1,2-Dichloroethene	7.490	96	409758	49.214	ug/l	88
23) tert-Butyl Alcohol	5.525	59	352680	325.056	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	1106398	49.217	ug/l #	89
25) Chloroform	7.972	83	650910	45.639	ug/l	98
26) Cyclohexane	8.260	56	521869	41.169	ug/l #	76
29) 1,1-Dichloropropene	8.378	75	483168	43.656	ug/l	96
30) 2-Butanone	7.490	43	1155728	228.881	ug/l #	86
31) 2,2-Dichloropropane	7.495	77	582975	53.165	ug/l #	60
32) 1,1,1-Trichloroethane	8.172	97	591083	45.786	ug/l	94
33) Carbon Tetrachloride	8.366	117	505833	44.314	ug/l	98
34) Benzene	8.607	78	1486320	43.805	ug/l	96
35) Methacrylonitrile	7.784	41	213906	37.647	ug/l	81
36) 1,2-Dichloroethane	8.672	62	460901	40.526	ug/l	97
37) Trichloroethene	9.354	130	362453	43.341	ug/l	98
38) Methylcyclohexane	9.601	83	649185	47.124	ug/l	91
39) 1,2-Dichloropropane	9.625	63	367848	42.194	ug/l	95
40) Dibromomethane	9.713	93	264898	47.695	ug/l	96
41) Bromodichloromethane	9.889	83	528285	46.413	ug/l	98
42) Vinyl Acetate	6.613	43	3340075m	212.202	ug/l	

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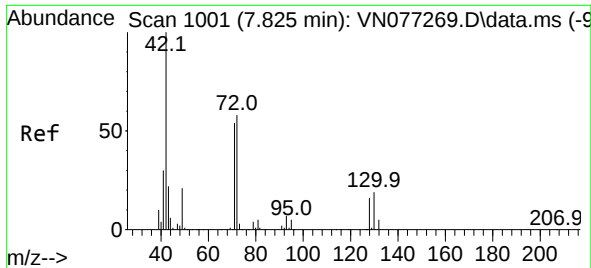
Quant Time: Apr 07 11:19:51 2023
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	416865	40.914	ug/l	97
44) Isopropyl Acetate	8.689	43	759169m	45.964	ug/l	
45) 1,4-Dioxane	9.695	88	164360	1182.900	ug/l #	87
46) Methyl methacrylate	9.684	41	322192	40.057	ug/l	79
47) n-amyl Acetate	12.495	43	691201	51.424	ug/l	97
48) t-1,3-Dichloropropene	10.836	75	609576	53.469	ug/l	98
49) cis-1,3-Dichloropropene	10.313	75	630373	48.682	ug/l #	88
50) 1,1,2-Trichloroethane	11.019	97	387654	47.643	ug/l	95
51) Ethyl methacrylate	10.878	69	616969	51.435	ug/l	82
52) 1,3-Dichloropropane	11.166	76	644736	45.876	ug/l	100
53) Dibromochloromethane	11.360	129	420325	50.637	ug/l	98
54) 1,2-Dibromoethane	11.472	107	395382	50.356	ug/l	99
55) 2-Chloroethyl vinyl ether	10.160	63	951336	226.203	ug/l	97
56) Bromoform	12.583	173	282858	50.935	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	2345724	223.402	ug/l #	85
59) 2-Hexanone	11.195	43	1806207	242.153	ug/l #	86
61) Tetrachloroethene	11.107	164	289400	35.270	ug/l	95
62) Toluene	10.631	91	1703599	47.566	ug/l	100
64) Chlorobenzene	11.895	112	1043757	49.509	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.960	131	392337	49.547	ug/l	94
66) Ethyl Benzene	11.966	91	1939084	49.868	ug/l	97
67) m/p-Xylenes	12.072	106	1530336	103.898	ug/l	100
68) o-Xylene	12.401	106	764840	53.187	ug/l	95
69) Styrene	12.413	104	1249402	53.570	ug/l	99
70) Isopropylbenzene	12.695	105	1953763	52.217	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	593668	52.623	ug/l	100
72) 1,2,3-Trichloropropane	12.995	75	412059m	39.816	ug/l	
73) Bromobenzene	12.983	156	391843	46.408	ug/l	91
74) n-propylbenzene	13.036	91	2216731	50.192	ug/l	98
75) 2-Chlorotoluene	13.130	91	1301034	47.635	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	1649720	50.940	ug/l	94
77) t-1,4-Dichloro-2-butene	12.736	75	214255	67.821	ug/l	83
78) 4-Chlorotoluene	13.224	91	1257759	47.772	ug/l	97
79) tert-butylbenzene	13.442	119	1397169	51.590	ug/l	99
80) 1,2,4-Trimethylbenzene	13.483	105	1611161	50.624	ug/l	98
81) sec-Butylbenzene	13.619	105	2035779	52.539	ug/l	99
82) p-Isopropyltoluene	13.730	119	1660395	53.019	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	770143	49.297	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	747729	49.273	ug/l	96
85) n-Butylbenzene	14.060	91	1410214	53.125	ug/l	99
86) Hexachloroethane	14.336	117	338062	60.459	ug/l	92
87) 1,2-Dichlorobenzene	14.107	146	750114	48.149	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.718	75	114578	52.145	ug/l	90
89) 1,2,4-Trichlorobenzene	15.366	180	327581	39.417	ug/l	98
90) Hexachlorobutadiene	15.465	225	155106	35.402	ug/l	96
91) Naphthalene	15.589	128	1271834	48.251	ug/l	99
92) 1,2,3-Trichlorobenzene	15.754	180	311864	37.432	ug/l	98

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



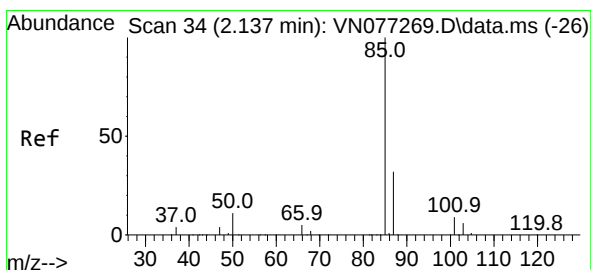
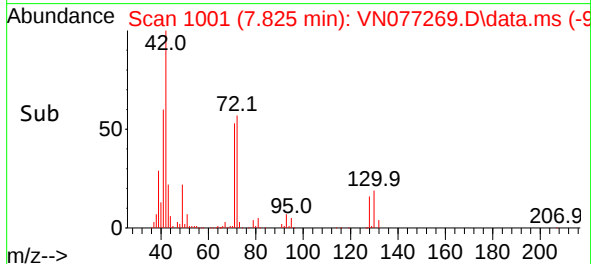
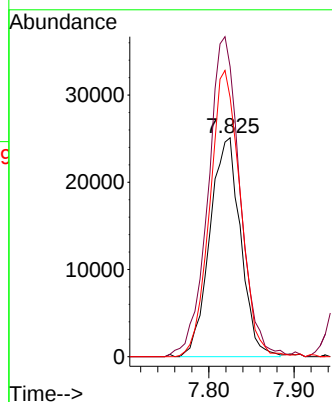
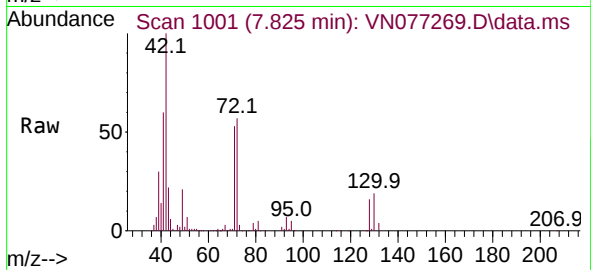
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 62933
Ion Ratio Lower Upper
128 100
49 151.8 0.0 461.8
130 129.1 0.0 295.3

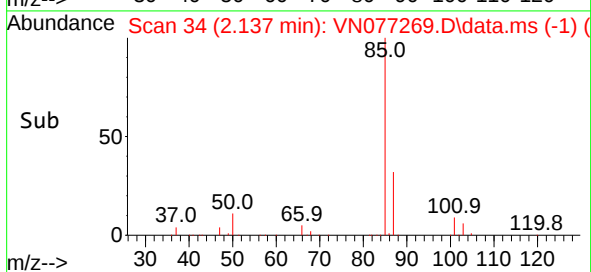
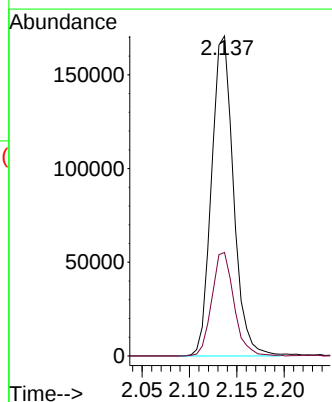
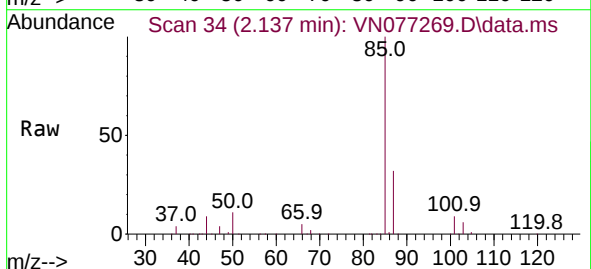
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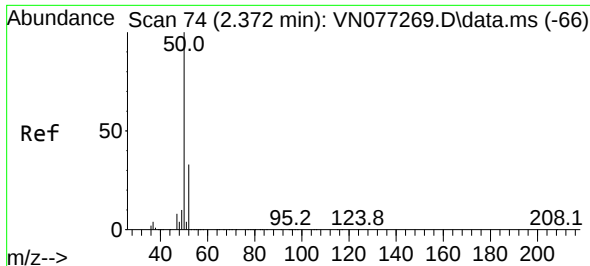
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#2
Dichlorodifluoromethane
Concen: 34.194 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

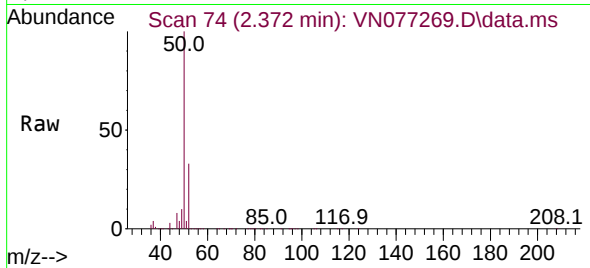
Tgt Ion: 85 Resp: 275374
Ion Ratio Lower Upper
85 100
87 32.4 15.4 46.1





#3
Chloromethane
Concen: 47.432 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

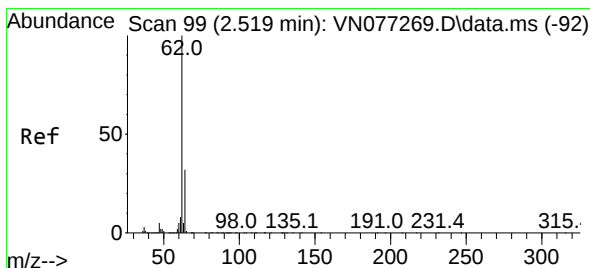
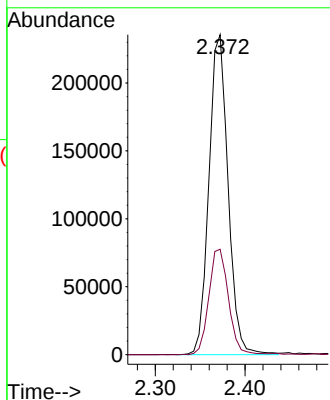
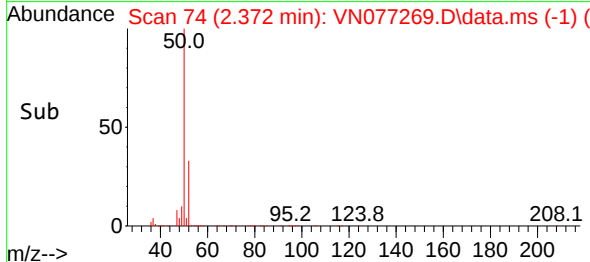
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



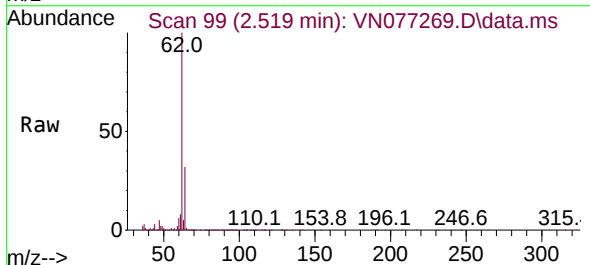
Tgt Ion: 50 Resp: 34913
Ion Ratio Lower Upper
50 100
52 33.0 25.3 37.9

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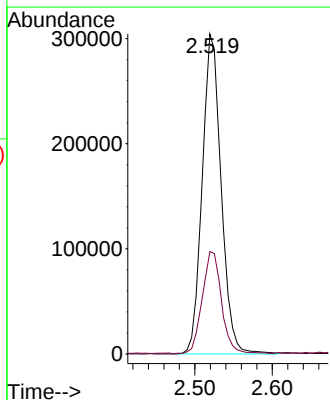
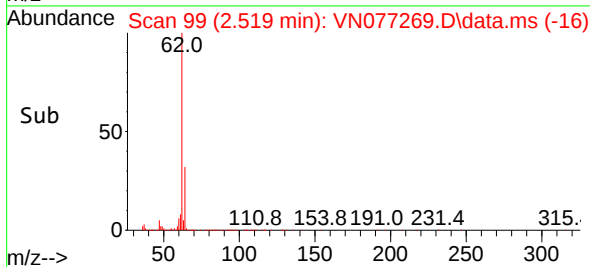
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Supervised By :Semsettin Yesilyurt 04/10/2023

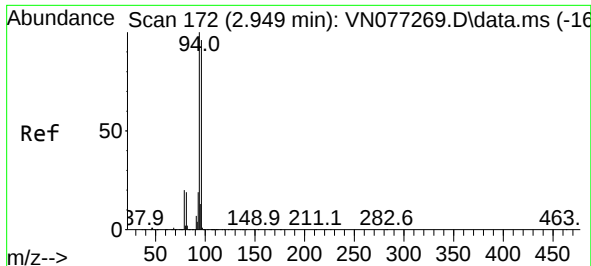


#4
Vinyl Chloride
Concen: 77.019 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.012 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22



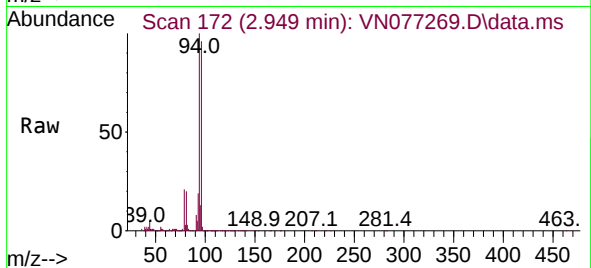
Tgt Ion: 62 Resp: 516973
Ion Ratio Lower Upper
62 100
64 31.7 23.1 34.7





#5
Bromomethane
Concen: 80.064 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

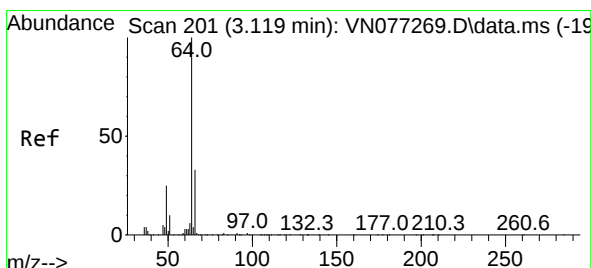
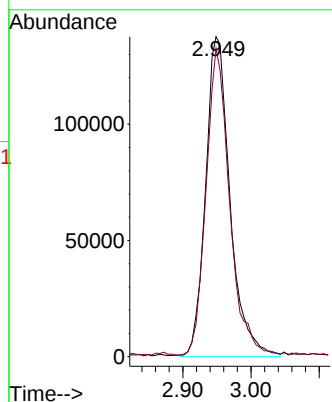
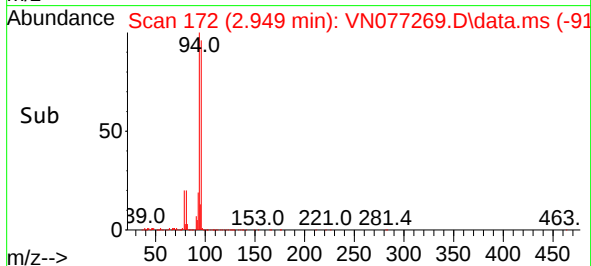
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



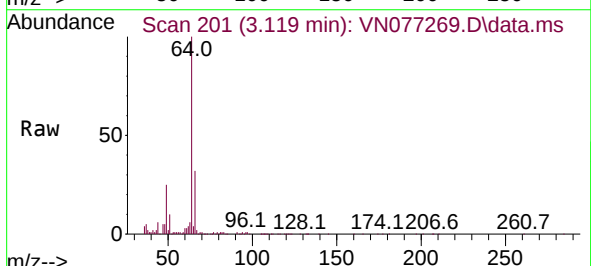
Tgt Ion: 94 Resp: 343672
Ion Ratio Lower Upper
94 100
96 96.3 68.6 103.0

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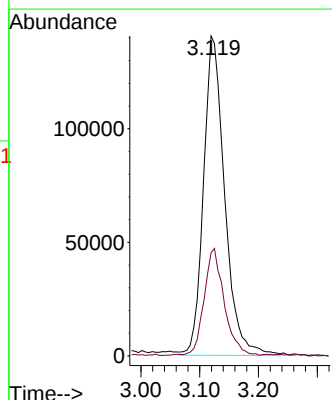
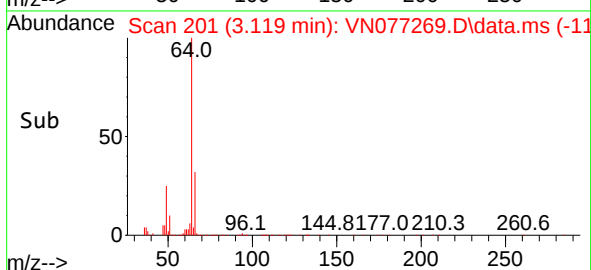
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

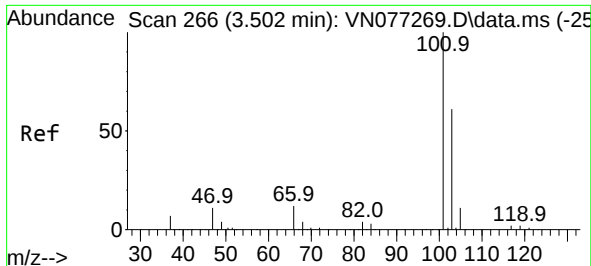


#6
Chloroethane
Concen: 89.186 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.018 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22



Tgt Ion: 64 Resp: 351770
Ion Ratio Lower Upper
64 100
66 32.1 23.8 35.6





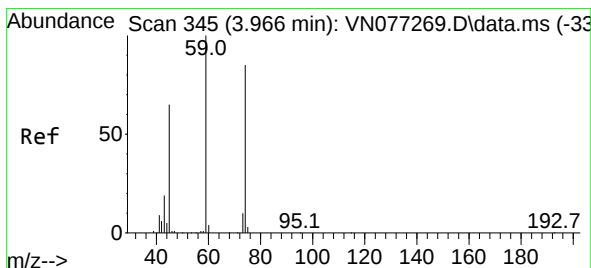
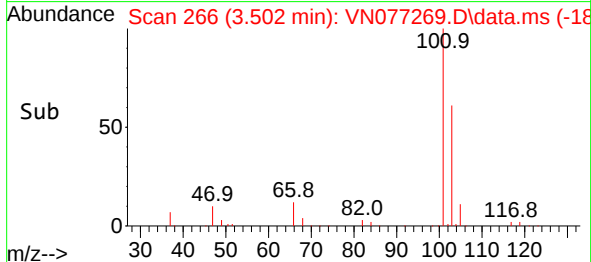
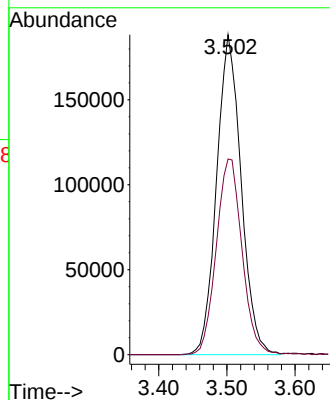
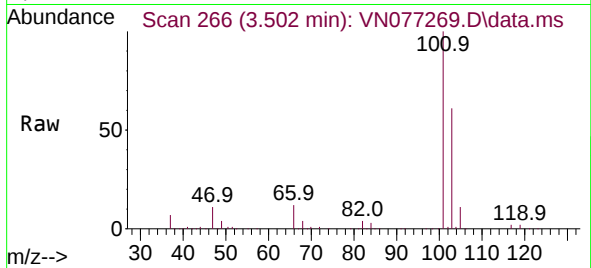
#7
Trichlorofluoromethane
Concen: 37.616 ug/l
RT: 3.502 min Scan# 266
Delta R.T. -0.011 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 47167
Ion Ratio Lower Upper
101 100
103 61.1 50.2 75.2

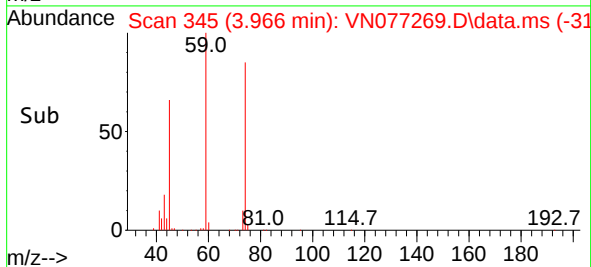
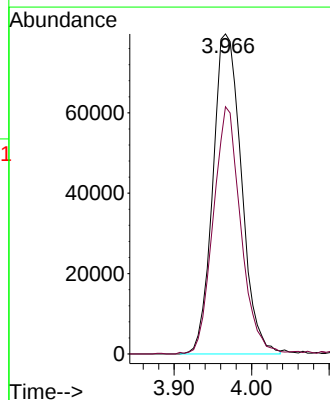
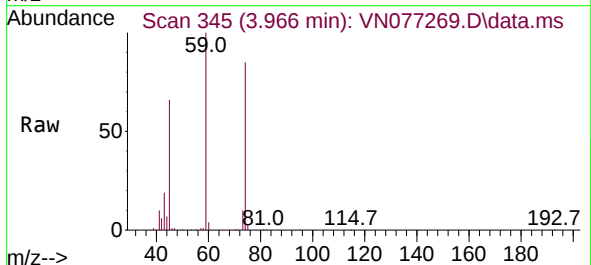
Manual Integrations
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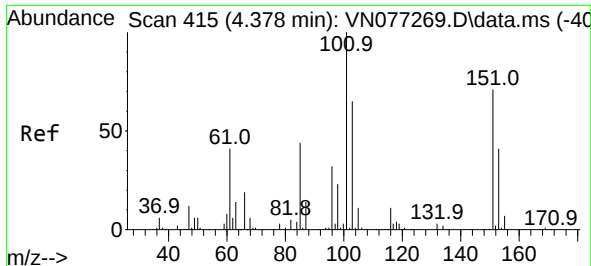
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#8
Diethyl Ether
Concen: 43.428 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 74 Resp: 204221
Ion Ratio Lower Upper
74 100
45 74.2 21.4 193.0





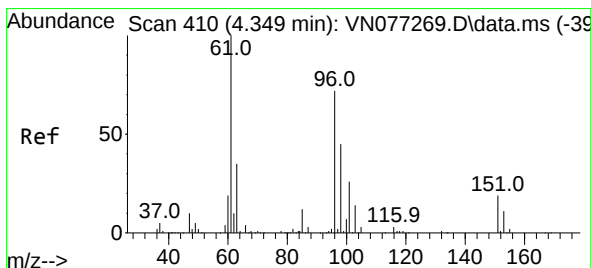
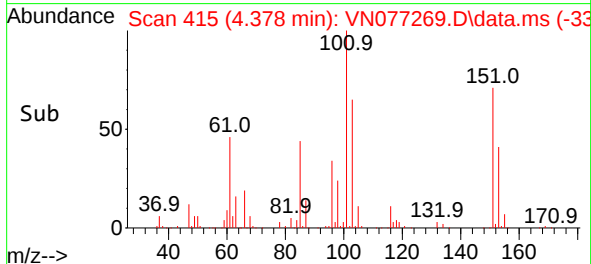
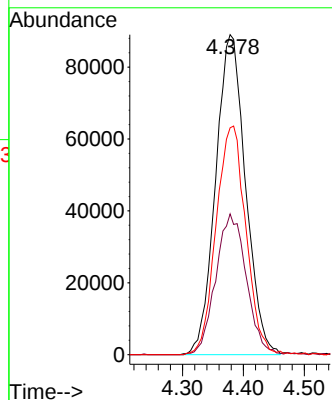
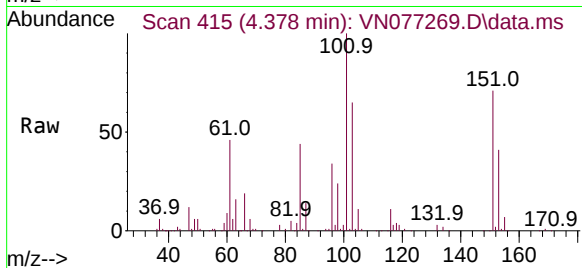
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.752 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.012 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 303700
Ion Ratio Lower Upper
101 100
85 44.8 0.0 95.2
151 70.8 0.0 142.2

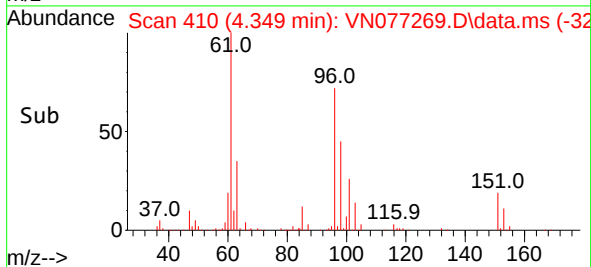
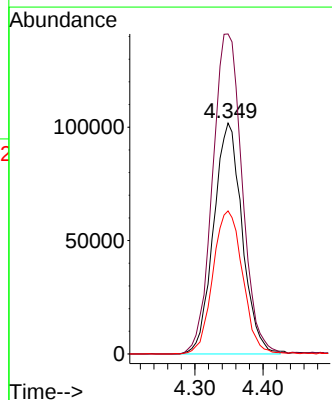
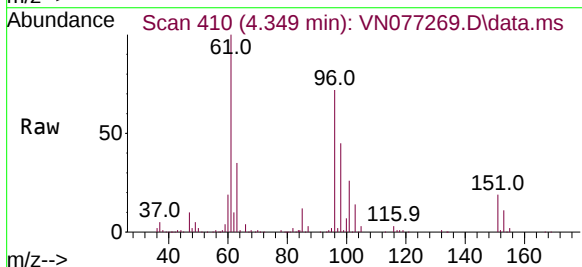
Manual Integrations
APPROVED

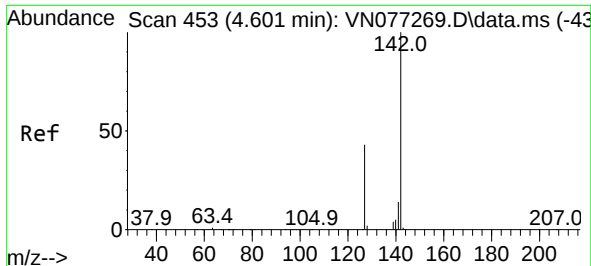
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#10
1,1-Dichloroethene
Concen: 43.057 ug/l
RT: 4.349 min Scan# 410
Delta R.T. -0.005 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

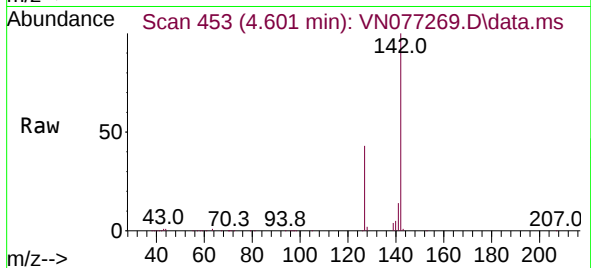
Tgt Ion: 96 Resp: 296877
Ion Ratio Lower Upper
96 100
61 138.4 137.1 205.7
98 62.0 53.2 79.8





#11
Methyl Iodide
Concen: 45.160 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

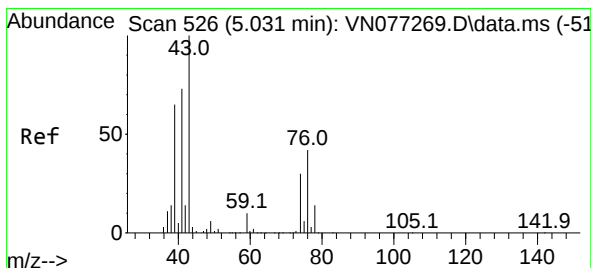
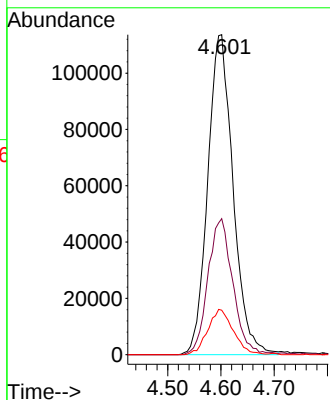
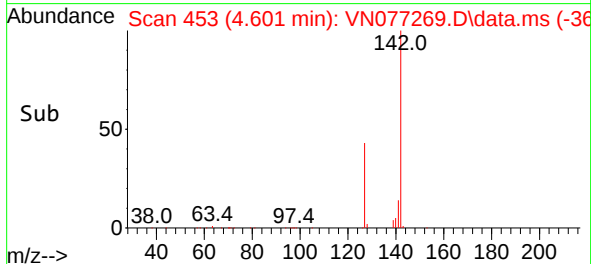
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:142 Resp: 37519
Ion Ratio Lower Upper
142 100
127 42.5 25.0 75.0
141 13.9 8.0 24.0

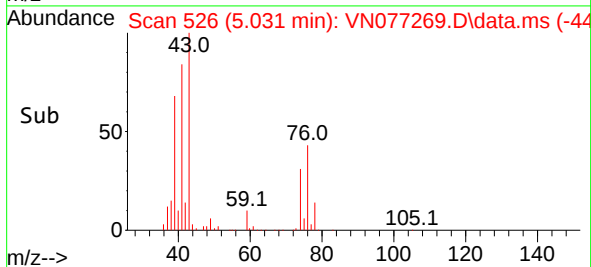
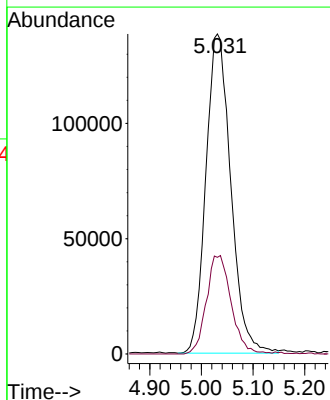
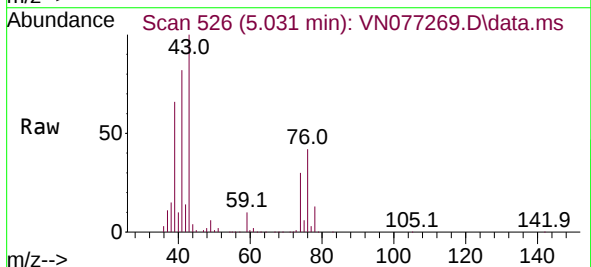
Manual Integrations
APPROVED

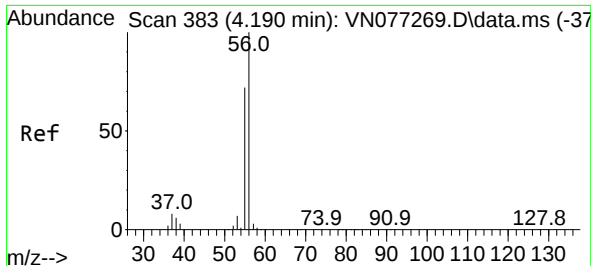
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#12
Methyl Acetate
Concen: 40.849 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 43 Resp: 463254
Ion Ratio Lower Upper
43 100
74 30.2 19.0 28.4#





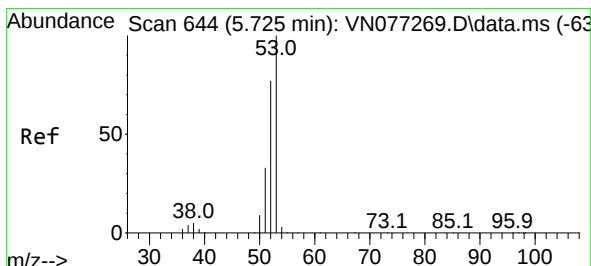
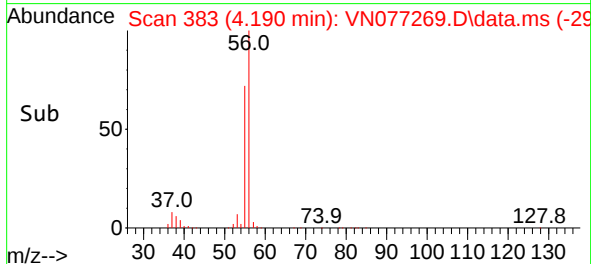
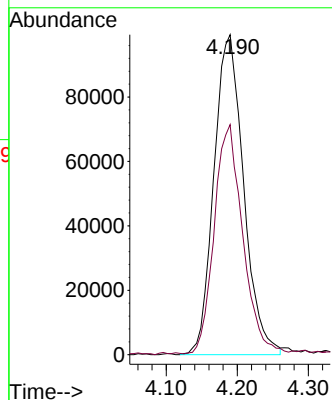
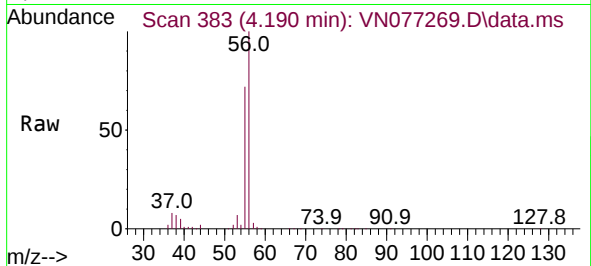
#13
Acrolein
Concen: 171.891 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 56 Resp: 288184
Ion Ratio Lower Upper
56 100
55 69.0 55.0 82.4

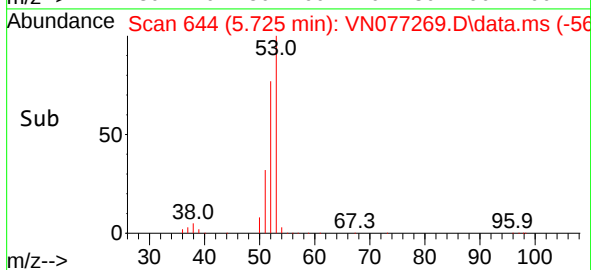
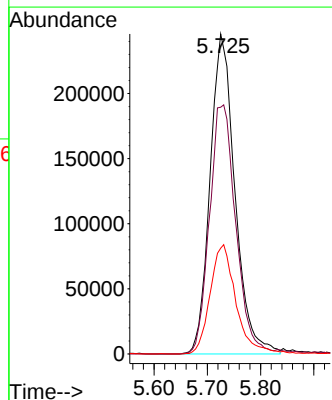
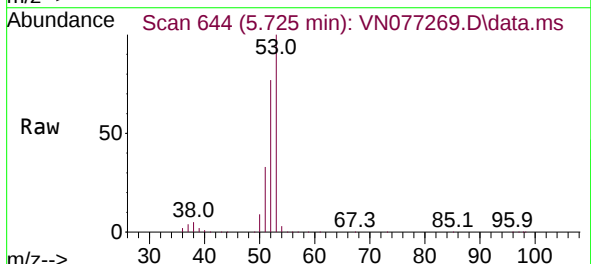
Manual Integrations
APPROVED

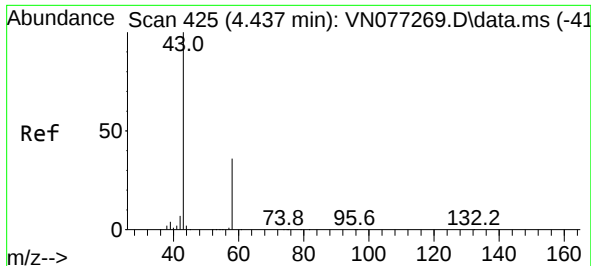
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#14
Acrylonitrile
Concen: 213.373 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.012 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

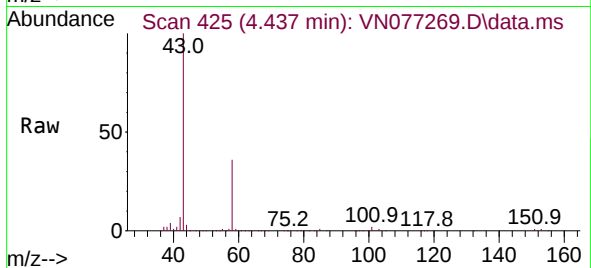
Tgt Ion: 53 Resp: 797125
Ion Ratio Lower Upper
53 100
52 82.0 41.5 124.6
51 35.4 17.6 52.8





#15
Acetone
Concen: 293.848 ug/l
RT: 4.437 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

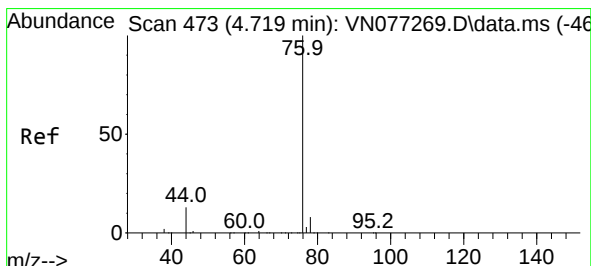
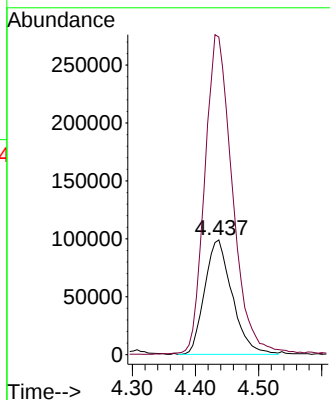
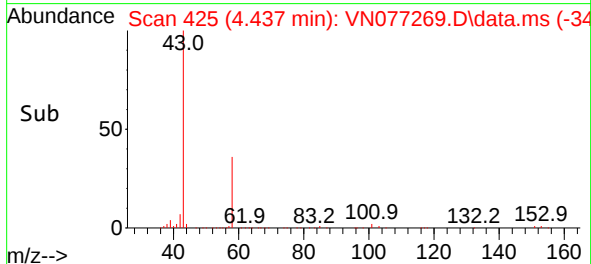
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



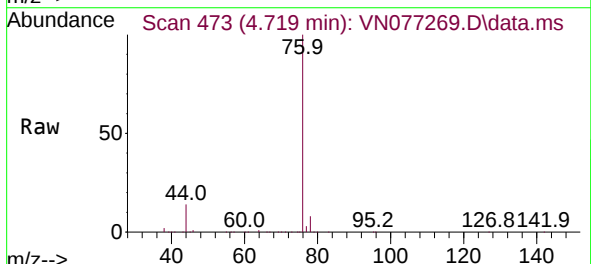
Tgt Ion: 58 Resp: 29875
Ion Ratio Lower Upper
58 100
43 276.1 255.4 383.0

Manual Integrations
APPROVED

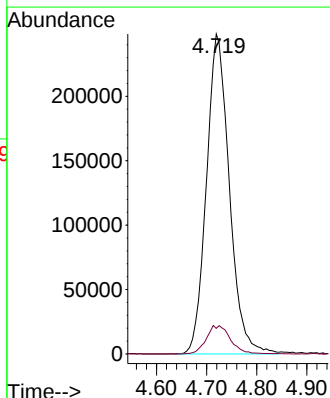
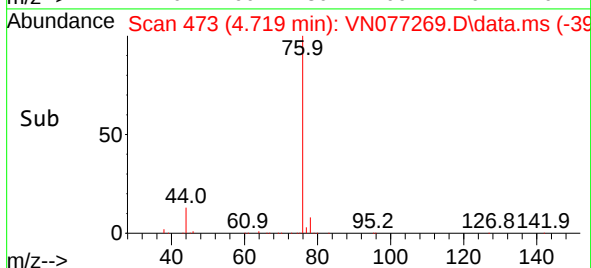
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

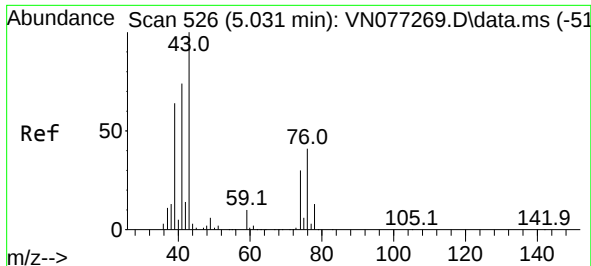


#16
Carbon Disulfide
Concen: 41.317 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.012 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22



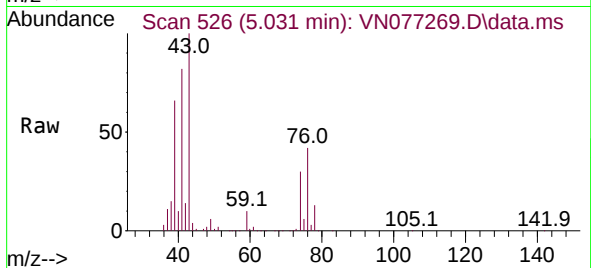
Tgt Ion: 76 Resp: 789926
Ion Ratio Lower Upper
76 100
78 7.9 6.6 9.8





#17
 Allyl chloride
 Concen: 37.101 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN077269.D
 Acq: 07 Apr 2023 10:22

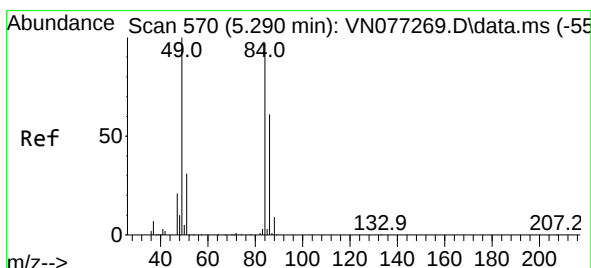
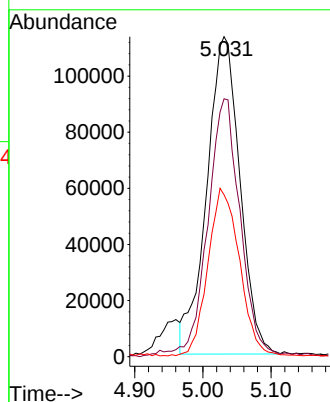
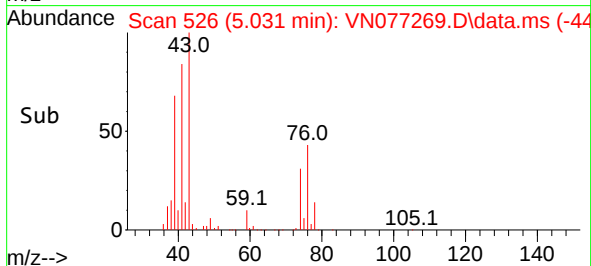
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



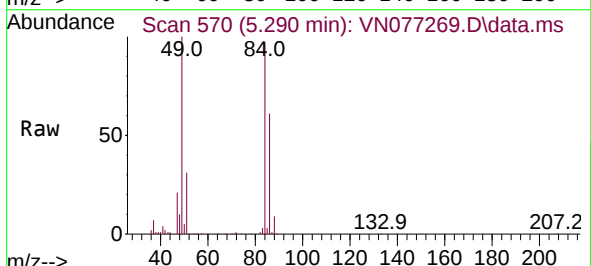
Tgt Ion: 41 Resp: 383684
 Ion Ratio Lower Upper
 41 100
 39 80.6 34.8 104.3
 76 50.5 17.5 52.5

Manual Integrations
 APPROVED

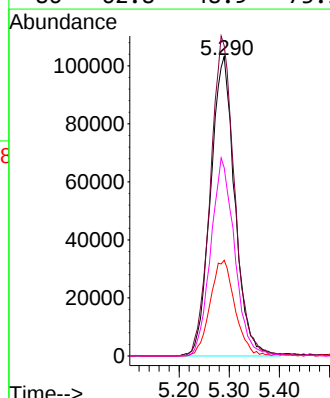
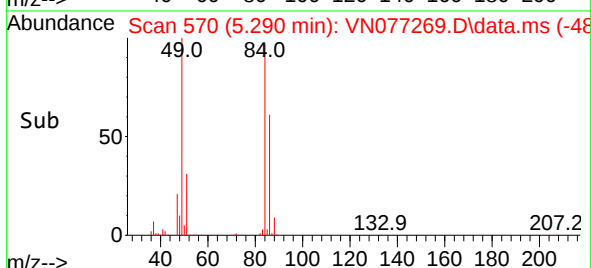
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023

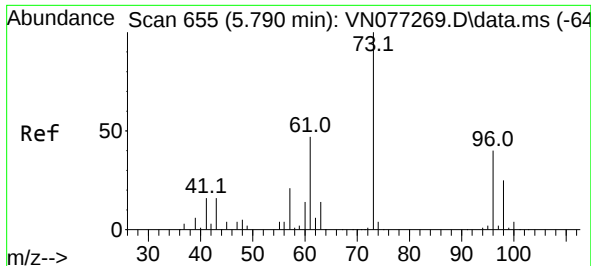


#18
 Methylene Chloride
 Concen: 42.919 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. -0.005 min
 Lab File: VN077269.D
 Acq: 07 Apr 2023 10:22



Tgt Ion: 84 Resp: 346145
 Ion Ratio Lower Upper
 84 100
 49 103.4 113.8 170.6#
 51 32.0 34.2 51.4#
 86 62.8 48.9 73.3





#19

trans-1,2-Dichloroethene

Concen: 45.565 ug/l

RT: 5.790 min Scan# 61

Delta R.T. -0.011 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 96 Resp: 331040

Ion Ratio Lower Upper

96 100

61 118.1 111.0 166.4

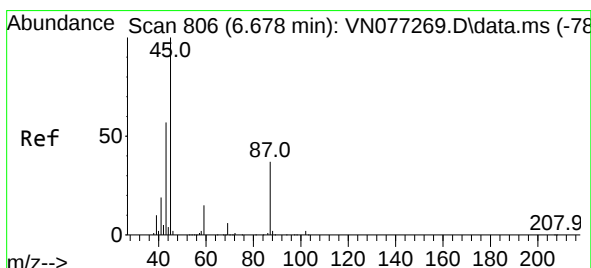
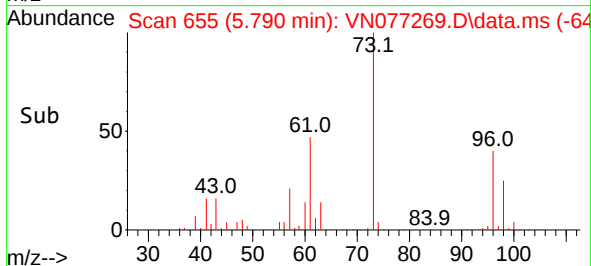
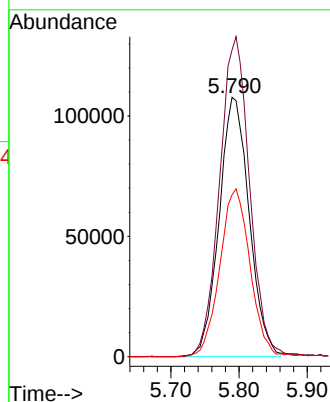
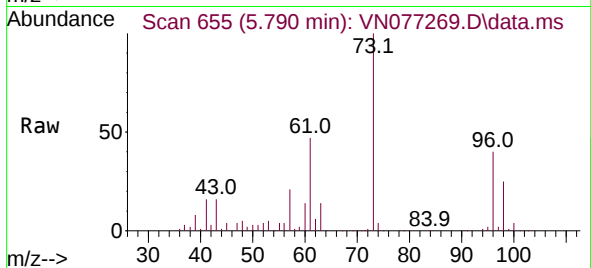
98 62.3 55.0 82.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#20

Diisopropyl ether

Concen: 40.035 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.011 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

Tgt Ion: 45 Resp: 934037

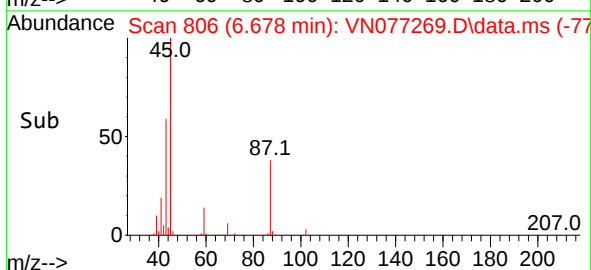
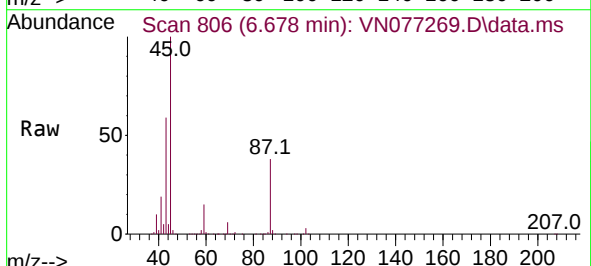
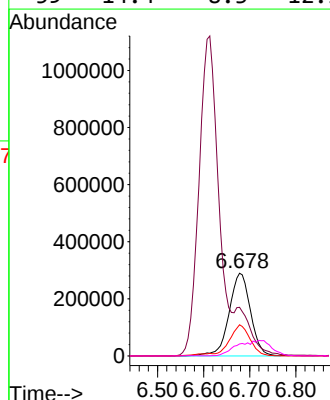
Ion Ratio Lower Upper

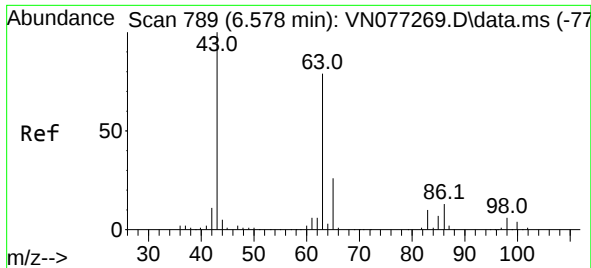
45 100

43 57.4 38.6 58.0

87 37.6 20.1 30.1#

59 14.4 8.3 12.5#





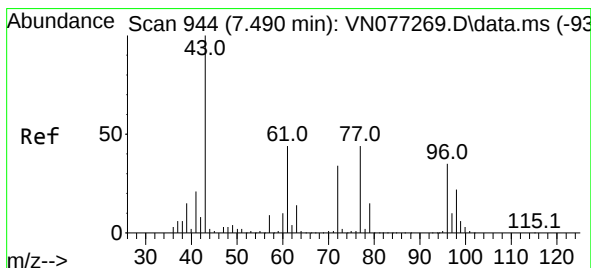
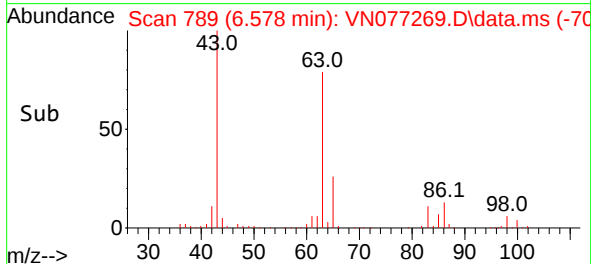
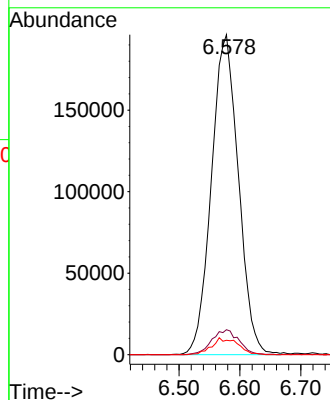
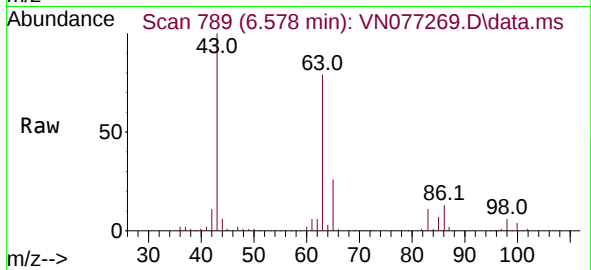
#21
1,1-Dichloroethane
Concen: 43.599 ug/l
RT: 6.578 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 60532
Ion Ratio Lower Upper
63 100
98 7.8 3.6 10.9
100 4.5 2.6 7.8

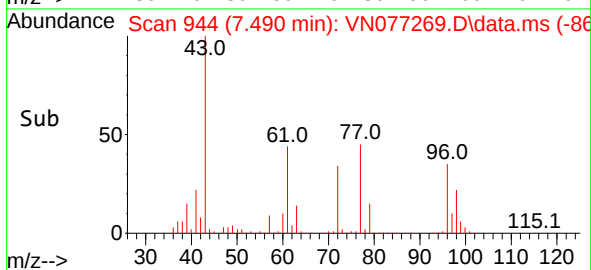
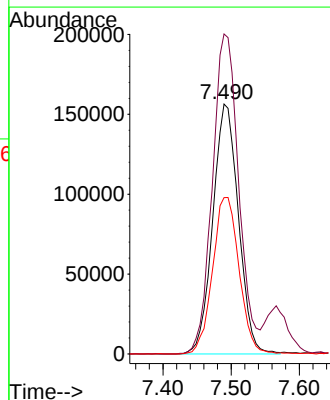
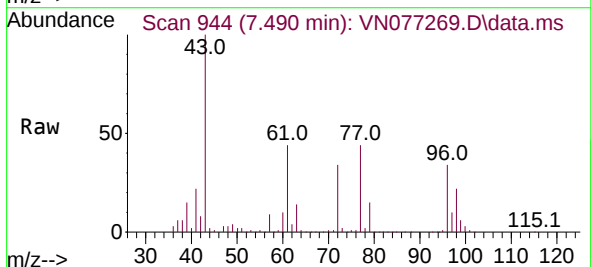
Manual Integrations
APPROVED

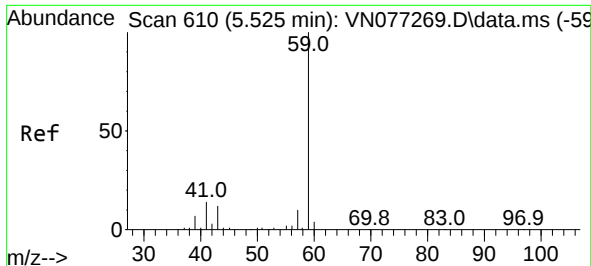
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#22
cis-1,2-Dichloroethene
Concen: 49.214 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.005 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

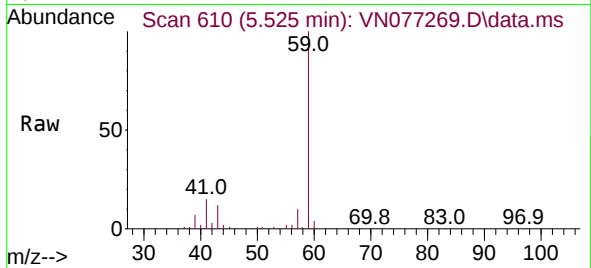
Tgt Ion: 96 Resp: 409758
Ion Ratio Lower Upper
96 100
61 131.9 121.0 181.4
98 64.7 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 325.056 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

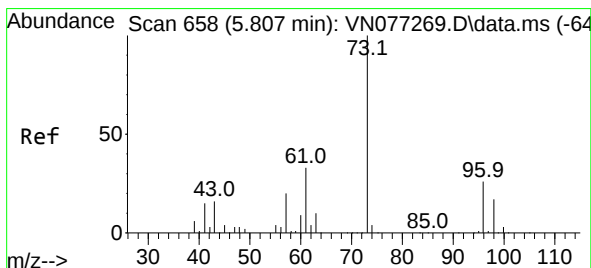
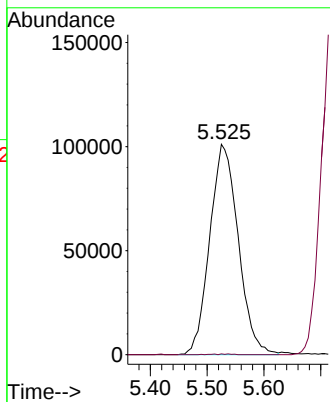
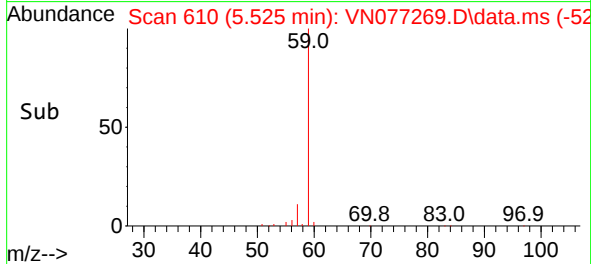
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



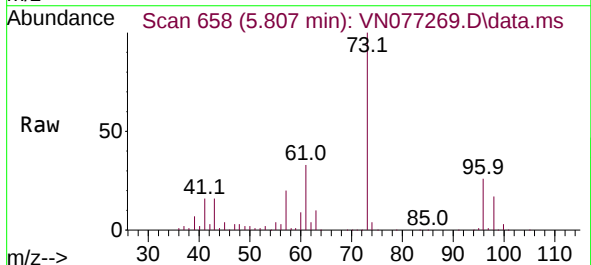
Tgt Ion: 59 Resp: 352680
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.25

Manual Integrations
APPROVED

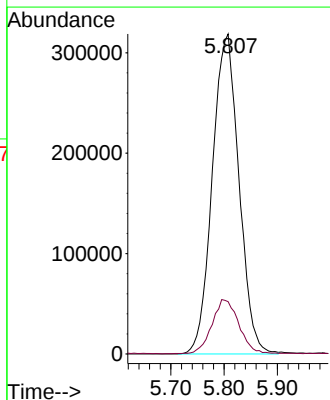
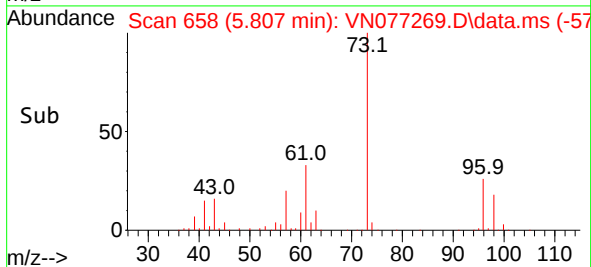
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

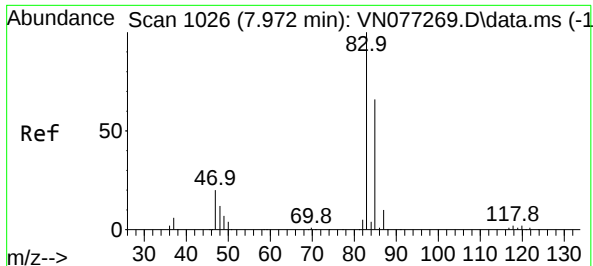


#24
Methyl tert-Butyl Ether
Concen: 49.217 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22



Tgt Ion: 73 Resp: 1106398
Ion Ratio Lower Upper
73 100
43 16.9 17.8 26.6#





#25

Chloroform

Concen: 45.639 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 83 Resp: 650910

Ion Ratio Lower Upper

83 100

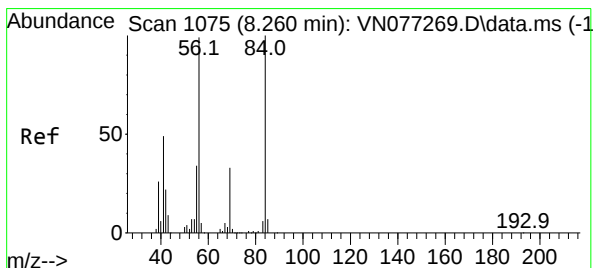
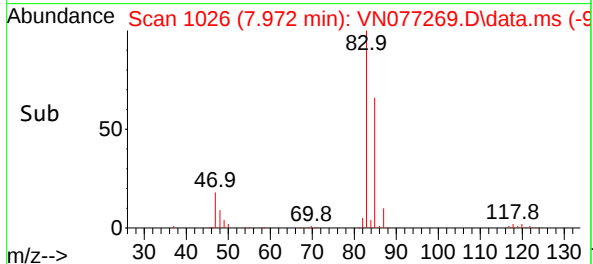
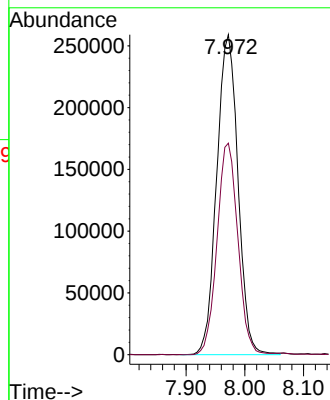
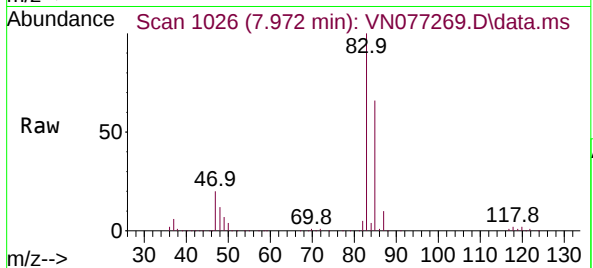
85 66.1 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#26

Cyclohexane

Concen: 41.169 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

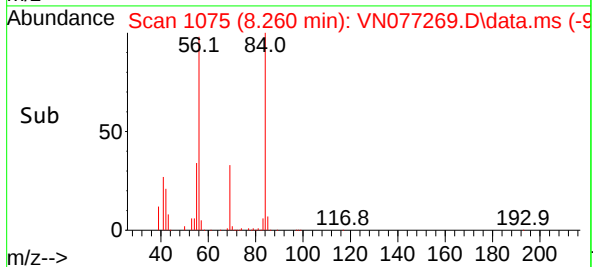
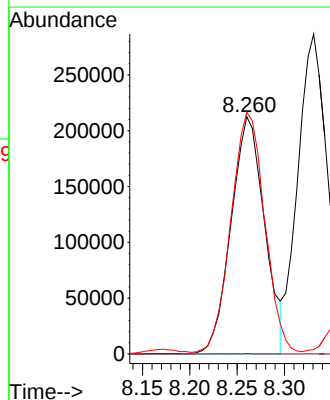
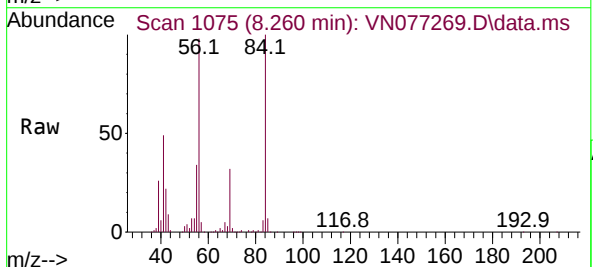
Tgt Ion: 56 Resp: 521869

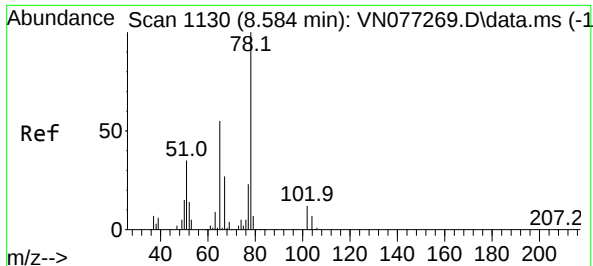
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 103.2 65.3 97.9#





#27

1,2-Dichloroethane-d4

Concen: 27.064 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 65 Resp: 156552

Ion Ratio Lower Upper

65 100

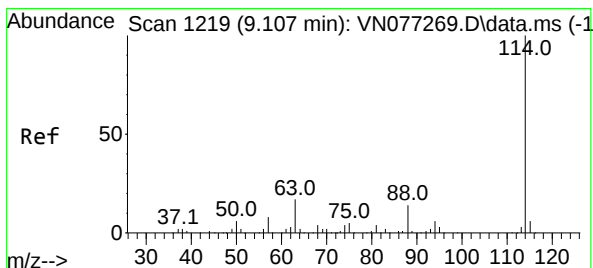
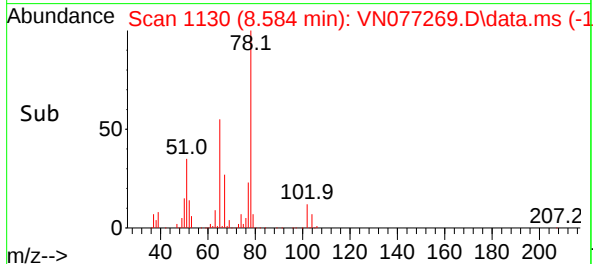
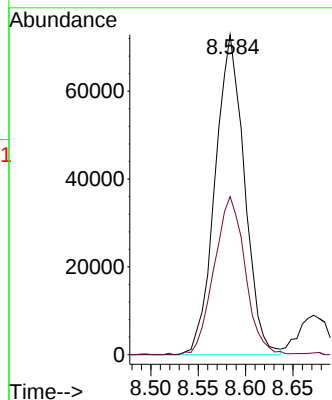
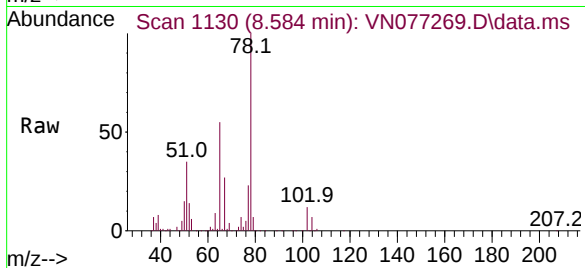
67 52.2 40.9 61.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

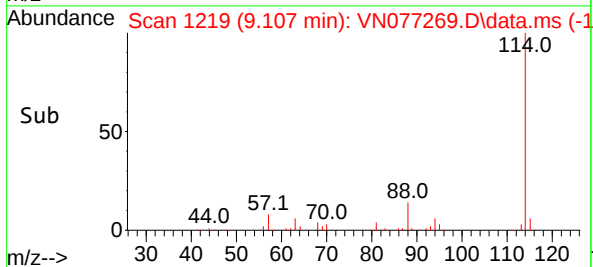
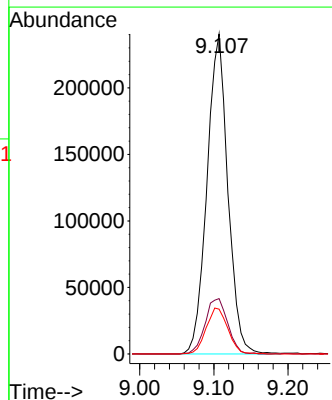
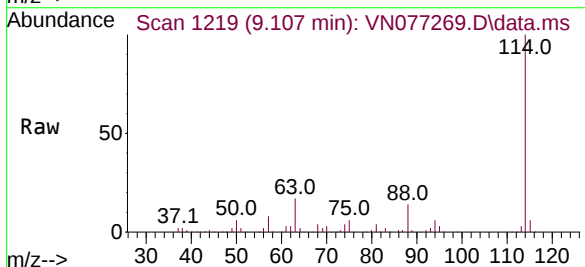
Tgt Ion:114 Resp: 469886

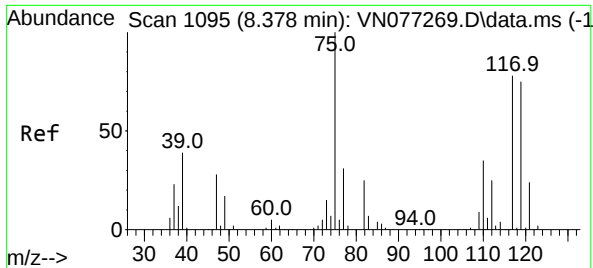
Ion Ratio Lower Upper

114 100

63 18.7 17.0 25.4

88 14.9 11.6 17.4





#29
1,1-Dichloropropene
Concen: 43.656 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

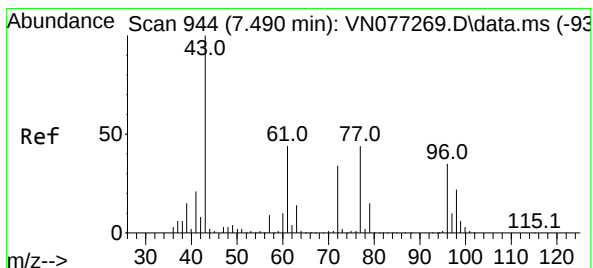
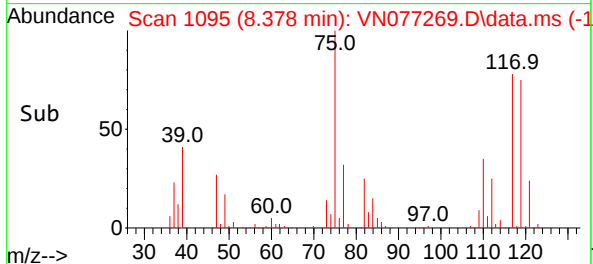
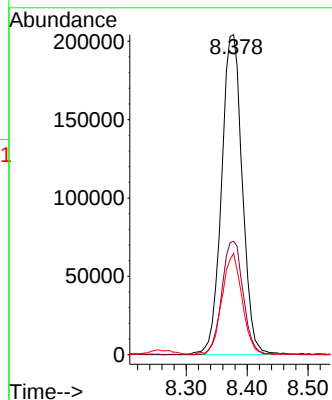
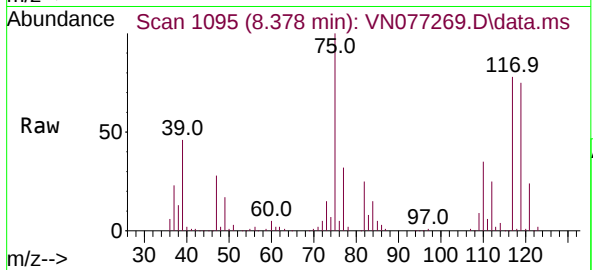
Tgt Ion: 75 Resp: 483168
Ion Ratio Lower Upper
75 100
110 36.2 0.0 67.2
77 30.7 0.0 64.4

Manual Integrations

APPROVED

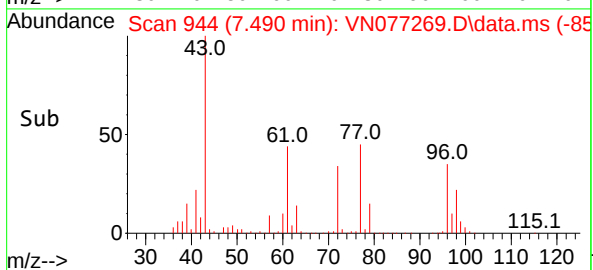
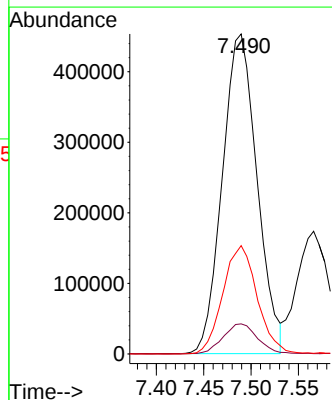
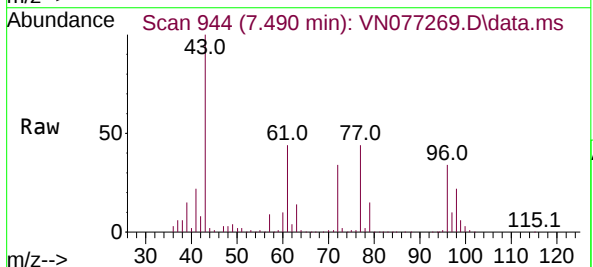
Reviewed By :John Carlone 04/10/2023

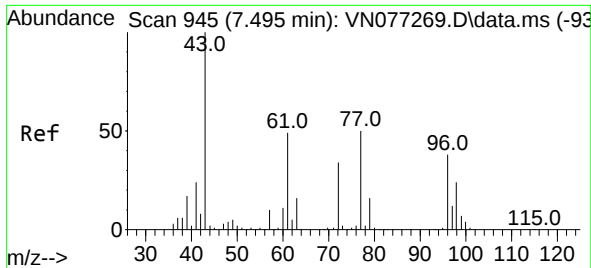
Supervised By :Semsettin Yesilyurt 04/10/2023



#30
2-Butanone
Concen: 228.881 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.001 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 43 Resp: 1155728
Ion Ratio Lower Upper
43 100
57 9.4 6.1 9.1#
72 33.6 20.2 30.4#





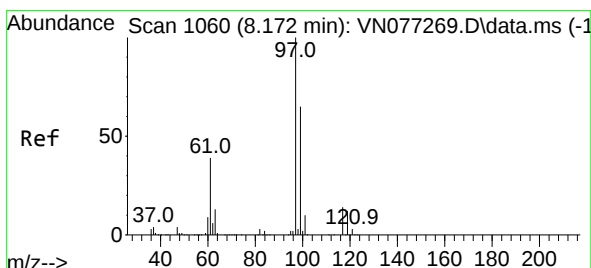
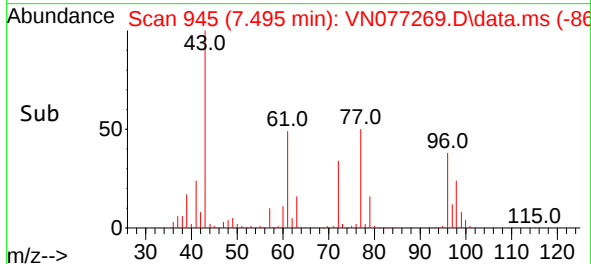
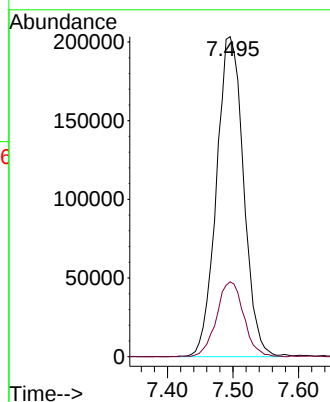
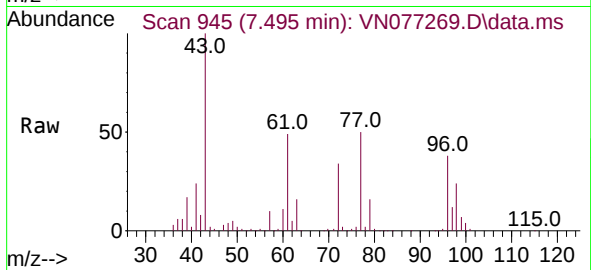
#31
2,2-Dichloropropane
Concen: 53.165 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC050

Tgt Ion: 77 Resp: 582975
Ion Ratio Lower Upper
77 100
97 23.5 7.2 10.8

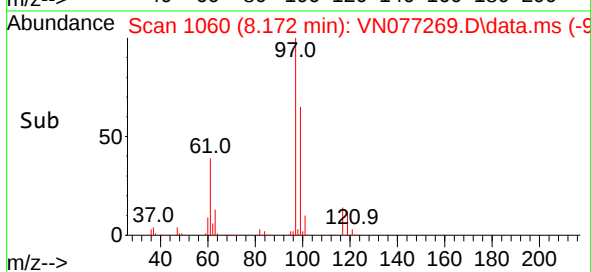
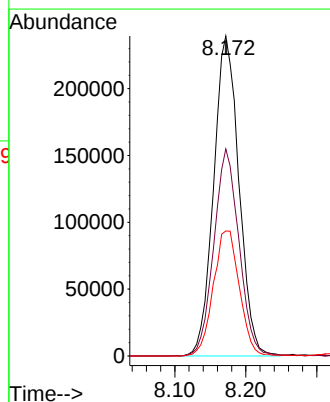
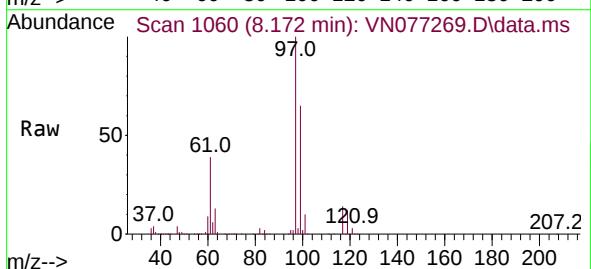
Manual Integrations
APPROVED

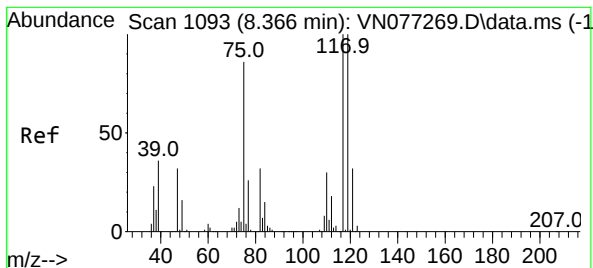
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#32
1,1,1-Trichloroethane
Concen: 45.786 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 97 Resp: 591083
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.8
61 40.5 39.3 58.9





#33

Carbon Tetrachloride

Concen: 44.314 ug/l

RT: 8.366 min Scan# 1093

Delta R.T. -0.006 min

Lab File: VN077269.D

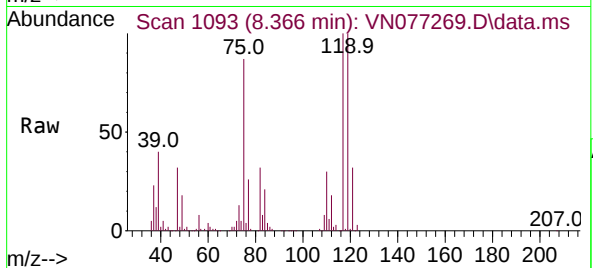
Acq: 07 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050



Tgt Ion: 117 Resp: 50583

Ion Ratio Lower Upper

117 100

119 100.3 79.8 119.8

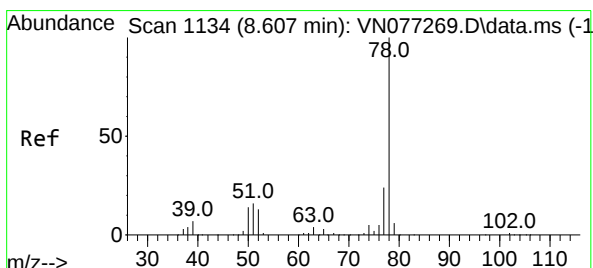
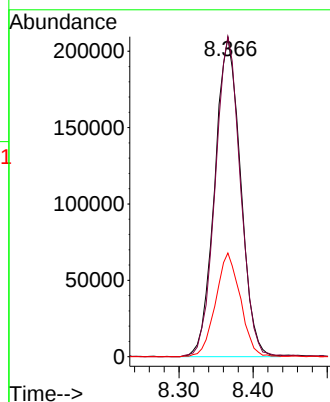
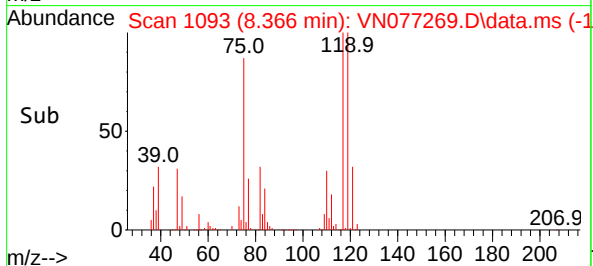
121 32.5 23.4 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#34

Benzene

Concen: 43.805 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

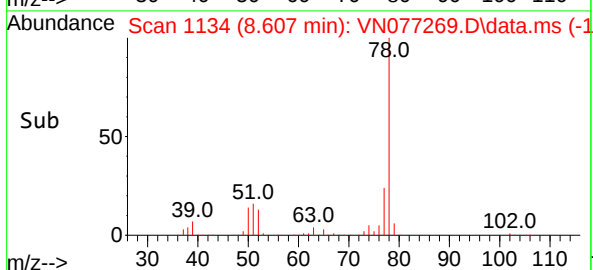
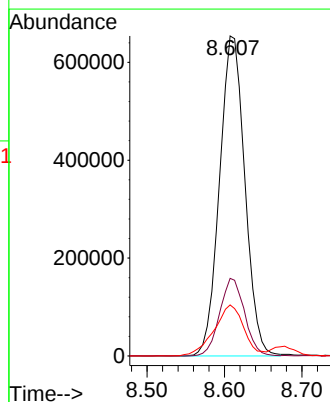
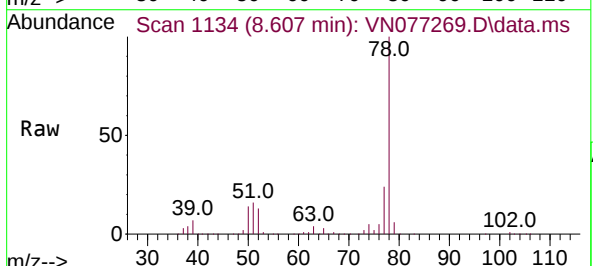
Tgt Ion: 78 Resp: 1486320

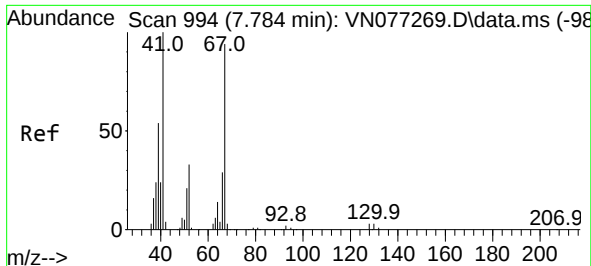
Ion Ratio Lower Upper

78 100

77 24.2 17.4 26.2

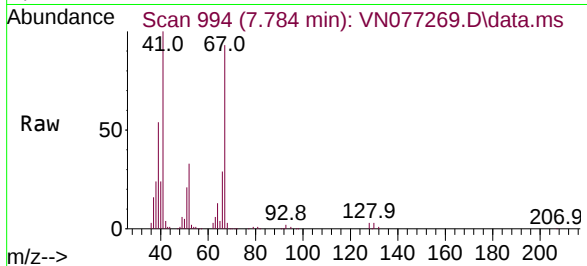
51 15.8 13.8 20.6





#35
Methacrylonitrile
Concen: 37.647 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

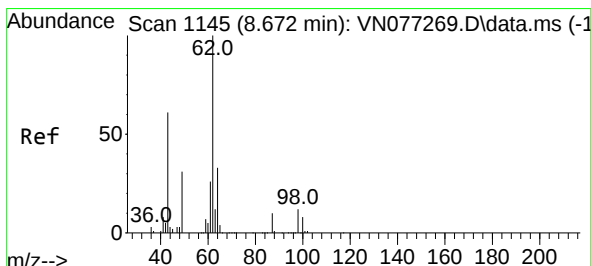
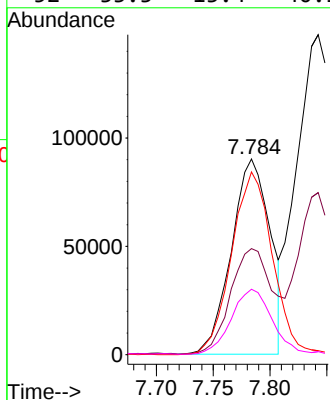
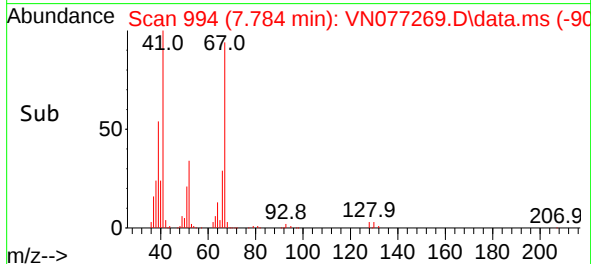
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 41 Resp: 213900
Ion Ratio Lower Upper
41 100
39 54.1 26.6 79.7
67 93.6 32.3 96.9
52 33.3 13.4 40.1

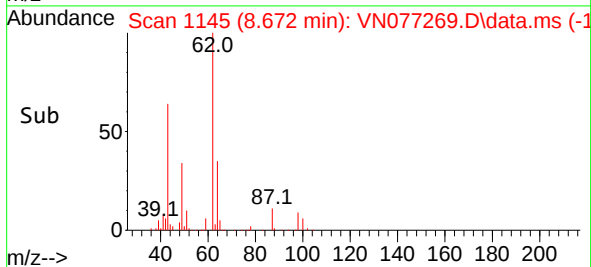
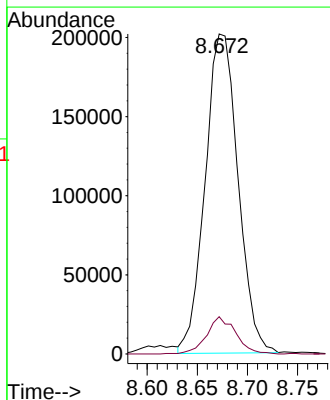
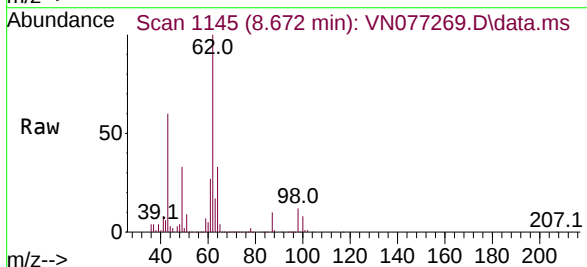
Manual Integrations
APPROVED

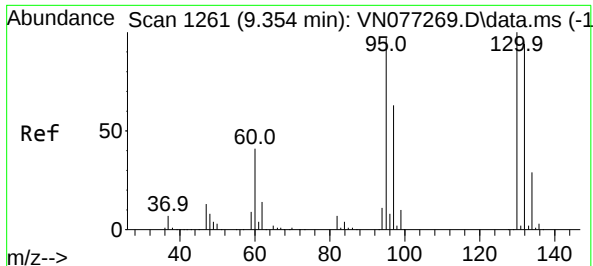
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#36
1,2-Dichloroethane
Concen: 40.526 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 62 Resp: 460901
Ion Ratio Lower Upper
62 100
98 10.4 7.4 11.0





#37

Trichloroethene

Concen: 43.341 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion:130 Resp: 36245

Ion Ratio Lower Upper

130 100

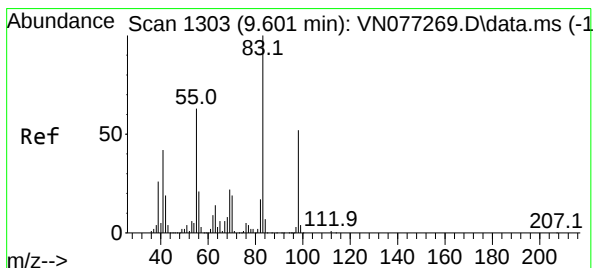
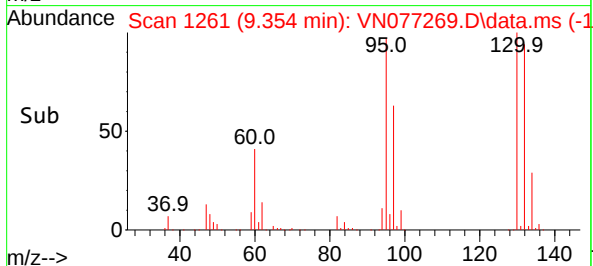
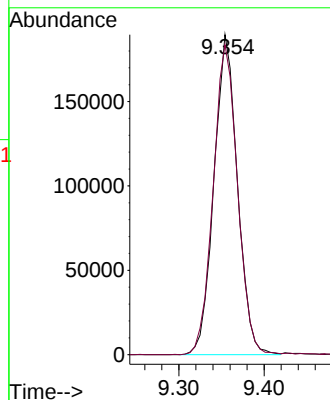
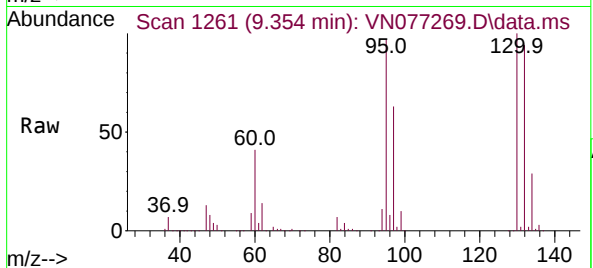
95 96.9 78.7 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#38

Methylcyclohexane

Concen: 47.124 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

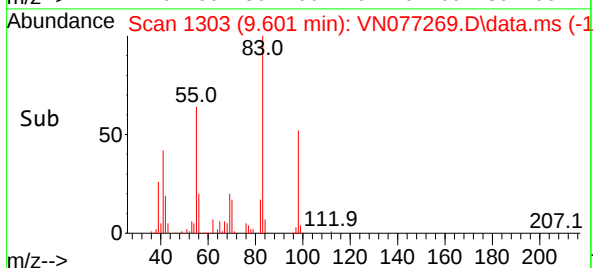
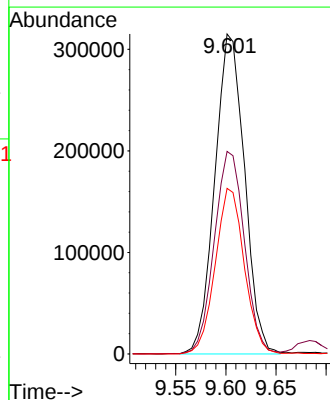
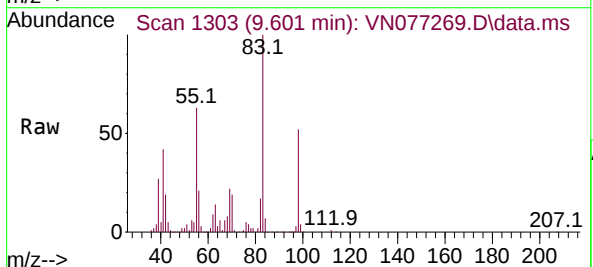
Tgt Ion: 83 Resp: 649185

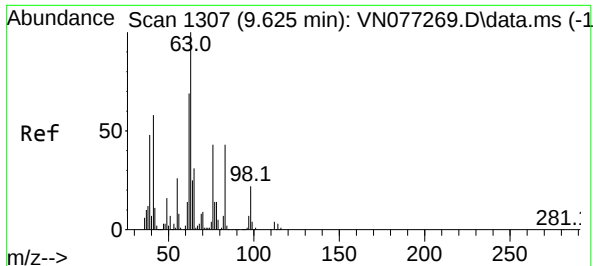
Ion Ratio Lower Upper

83 100

55 64.1 37.6 112.9

98 50.6 24.1 72.4





#39

1,2-Dichloropropane

Concen: 42.194 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077269.D

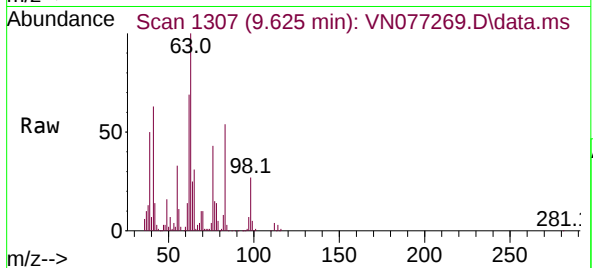
Acq: 07 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



Tgt Ion: 63 Resp: 367848

Ion Ratio Lower Upper

63 100

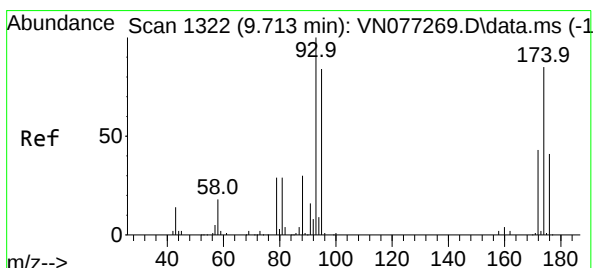
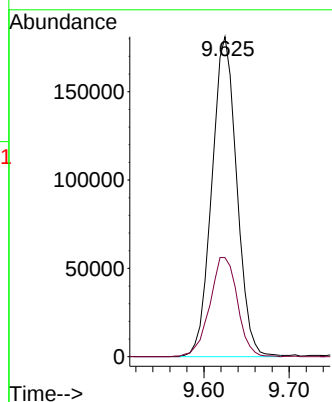
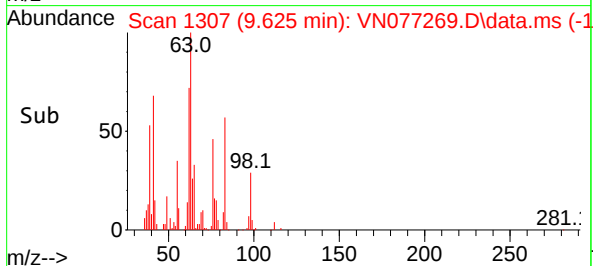
65 31.0 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#40

Dibromomethane

Concen: 47.695 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

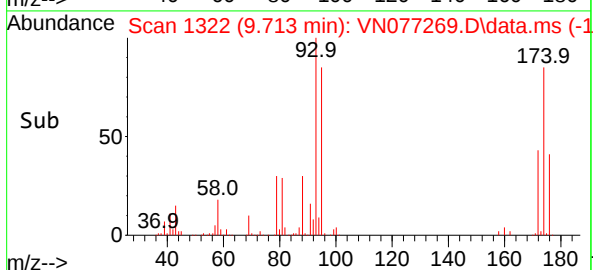
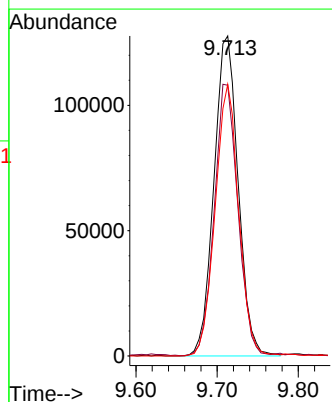
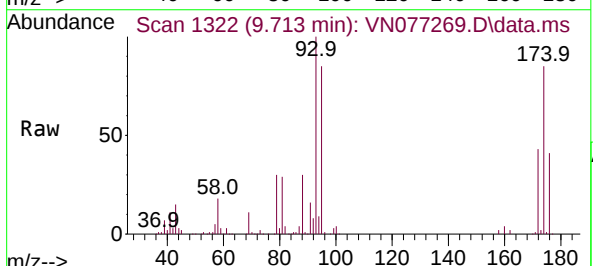
Tgt Ion: 93 Resp: 264898

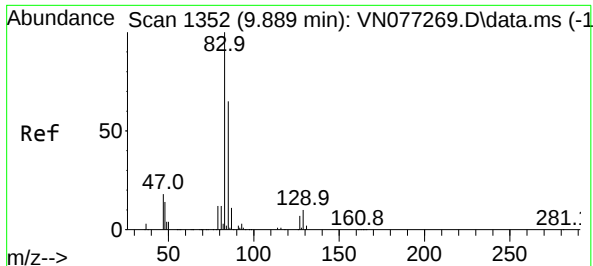
Ion Ratio Lower Upper

93 100

95 83.2 0.0 158.0

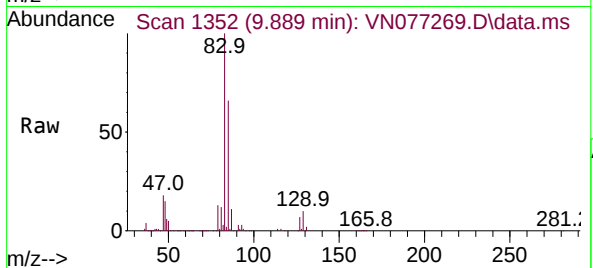
174 82.4 0.0 171.2





#41
Bromodichloromethane
Concen: 46.413 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

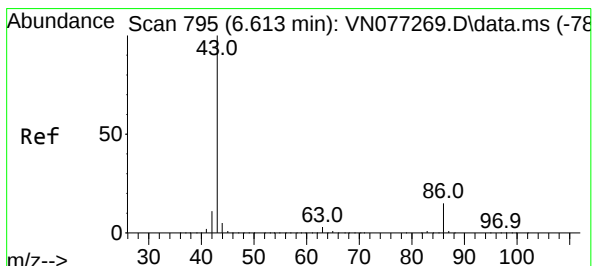
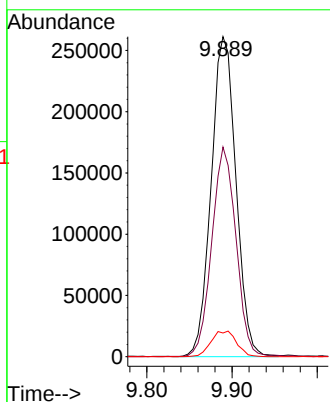
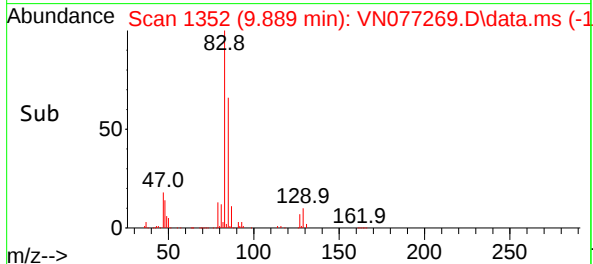
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 83 Resp: 528285
Ion Ratio Lower Upper
83 100
85 65.4 51.0 76.4
127 7.4 6.2 9.2

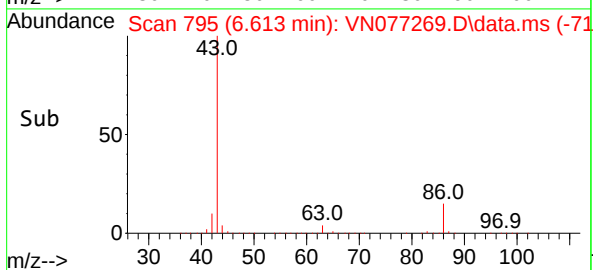
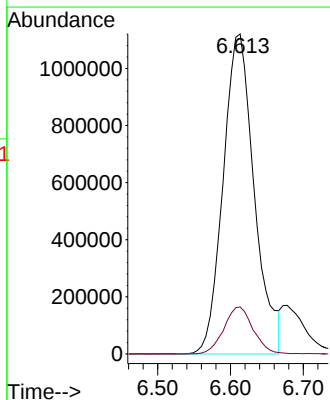
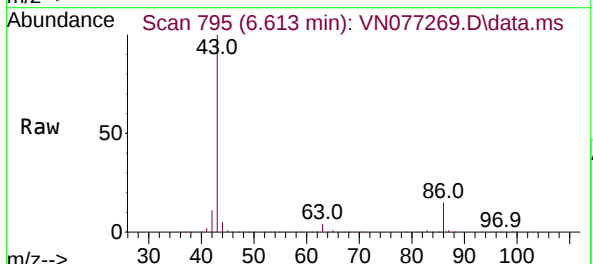
Manual Integrations
APPROVED

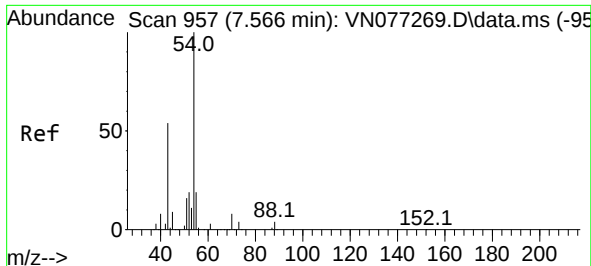
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#42
Vinyl Acetate
Concen: 212.202 ug/l m
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 43 Resp: 3340075
Ion Ratio Lower Upper
43 100
86 0.0 7.8 11.6#





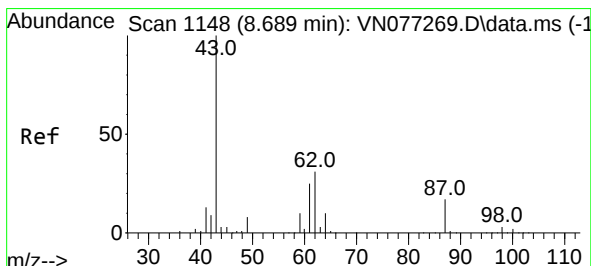
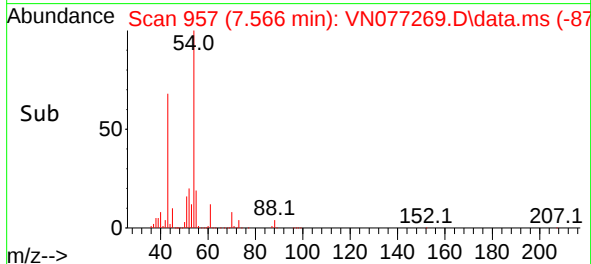
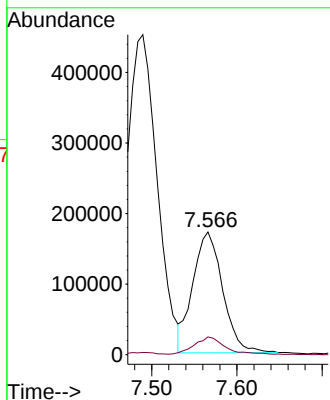
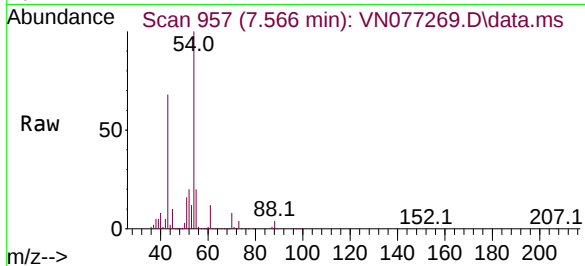
#43
Ethyl Acetate
Concen: 40.914 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 43 Resp: 41686
Ion Ratio Lower Upper
43 100
45 15.4 11.2 16.8

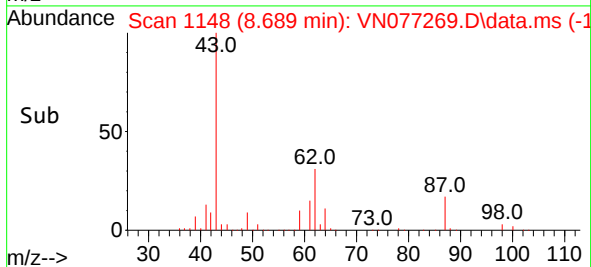
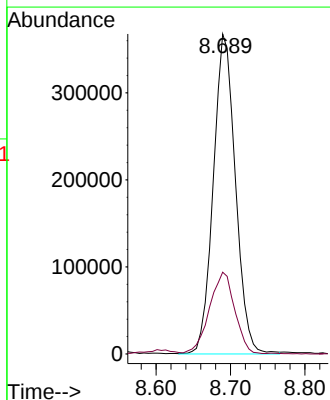
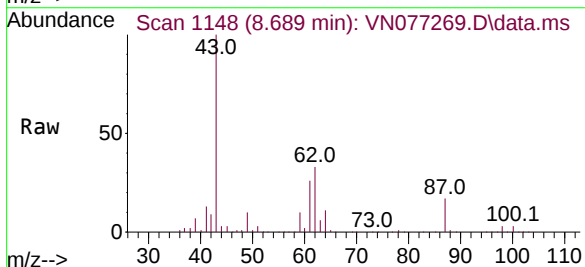
Manual Integrations
APPROVED

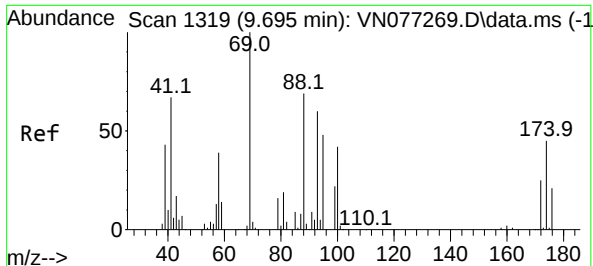
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#44
Isopropyl Acetate
Concen: 45.964 ug/l m
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

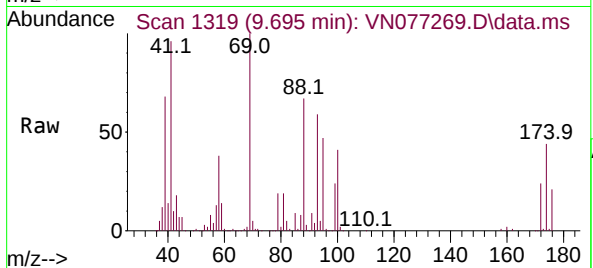
Tgt Ion: 43 Resp: 759169
Ion Ratio Lower Upper
43 100
61 0.0 19.5 29.3#





#45
1,4-Dioxane
Concen: 1182.900 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

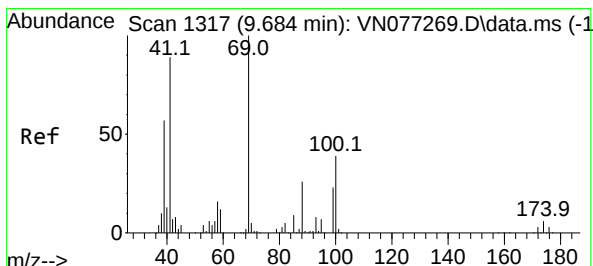
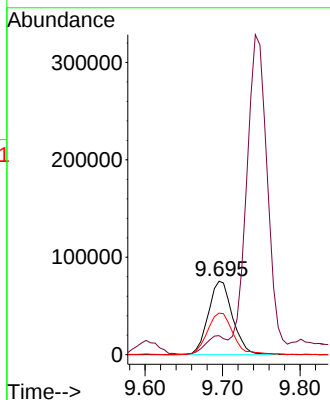
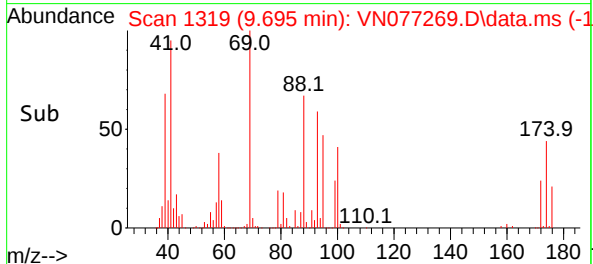
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



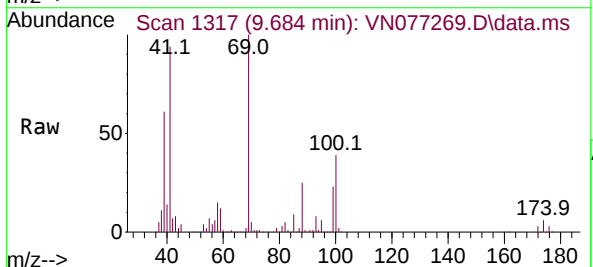
Tgt Ion: 88 Resp: 164360
Ion Ratio Lower Upper
88 100
43 21.7 26.0 39.0
58 60.3 54.3 81.5

Manual Integrations
APPROVED

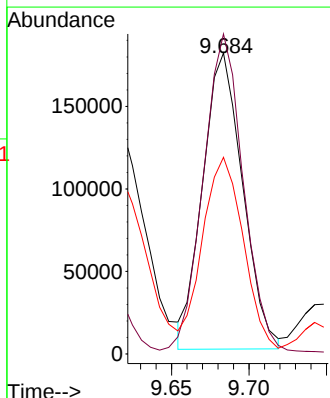
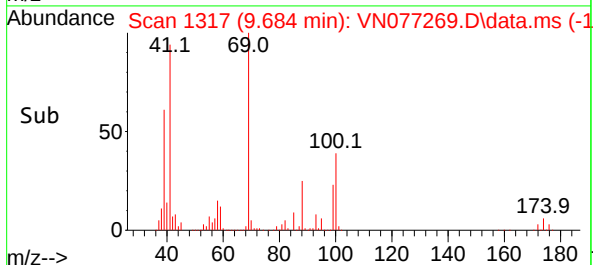
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

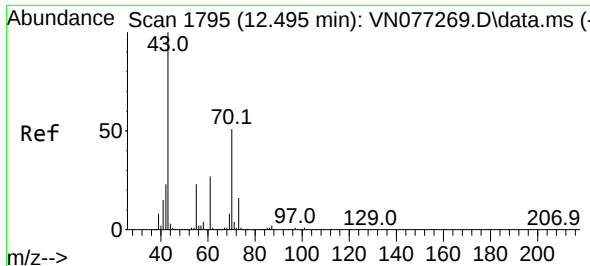


#46
Methyl methacrylate
Concen: 40.057 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.001 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22



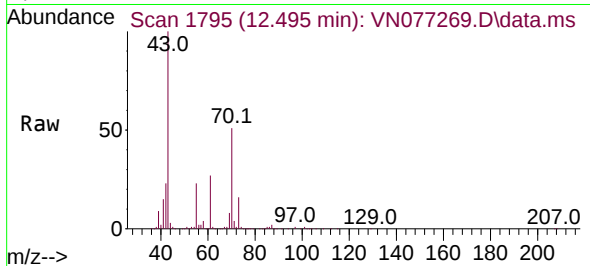
Tgt Ion: 41 Resp: 322192
Ion Ratio Lower Upper
41 100
69 109.0 40.6 121.7
39 66.8 30.5 91.5





#47
n-amy1 Acetate
Concen: 51.424 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

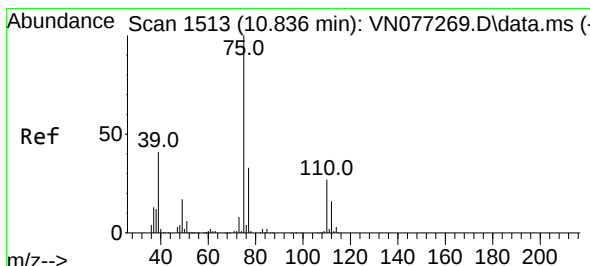
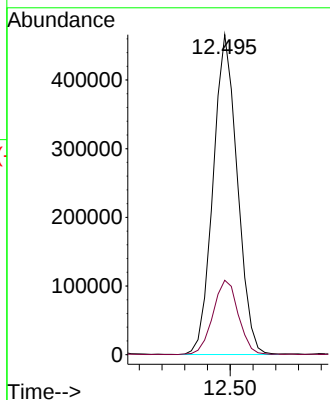
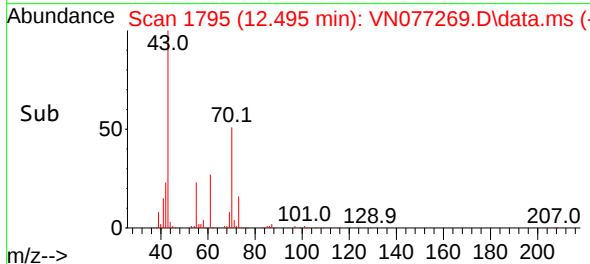
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



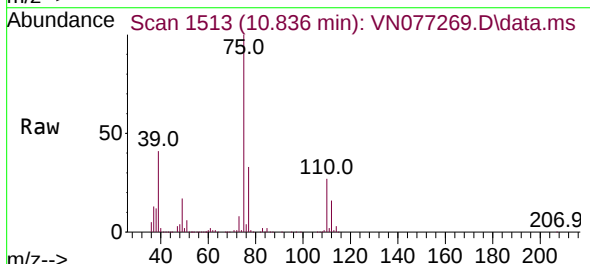
Tgt Ion: 43 Resp: 69120
Ion Ratio Lower Upper
43 100
55 24.2 18.3 27.5

Manual Integrations
APPROVED

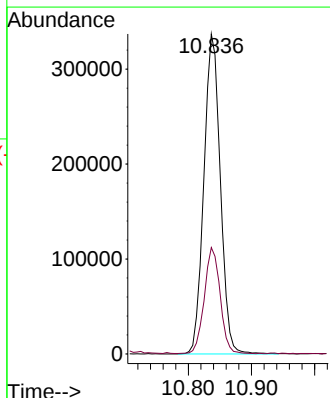
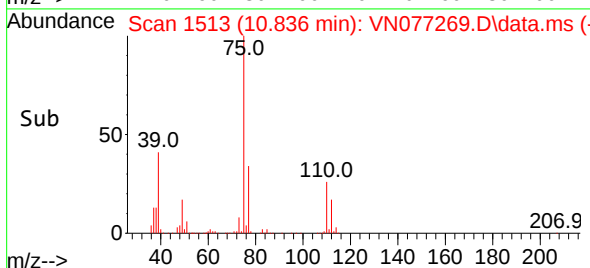
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

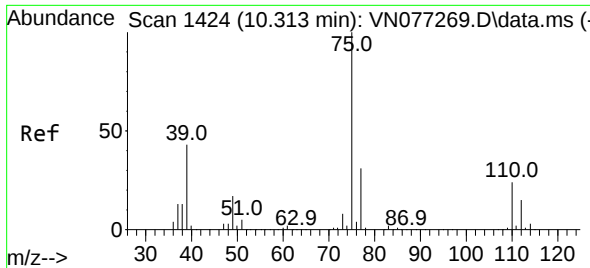


#48
t-1,3-Dichloropropene
Concen: 53.469 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22



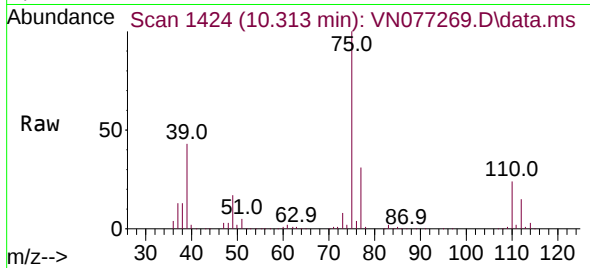
Tgt Ion: 75 Resp: 609576
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.2





#49
 cis-1,3-Dichloropropene
 Concen: 48.682 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077269.D
 Acq: 07 Apr 2023 10:22

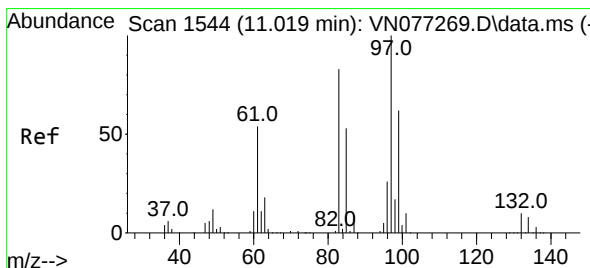
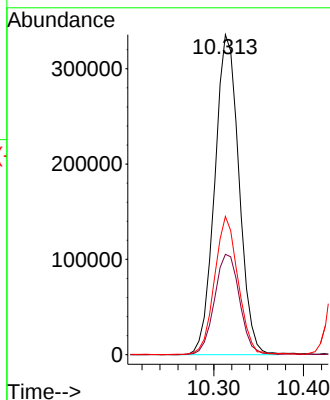
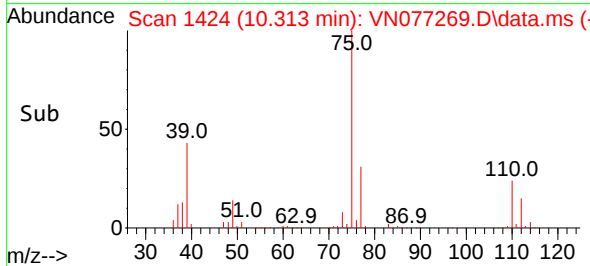
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion: 75 Resp: 63037
 Ion Ratio Lower Upper
 75 100
 77 31.3 27.5 41.3
 39 43.0 43.5 65.3

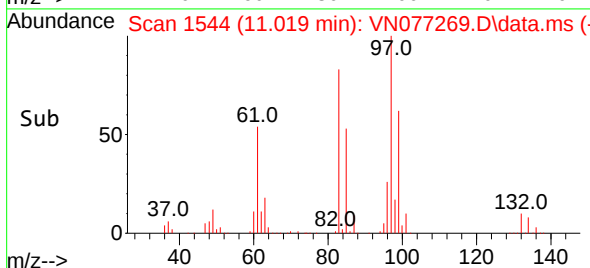
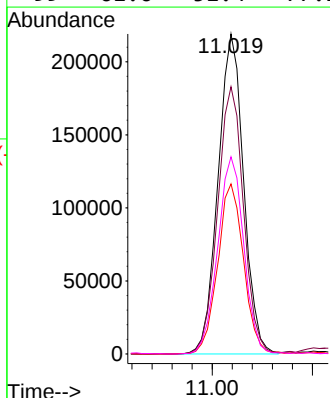
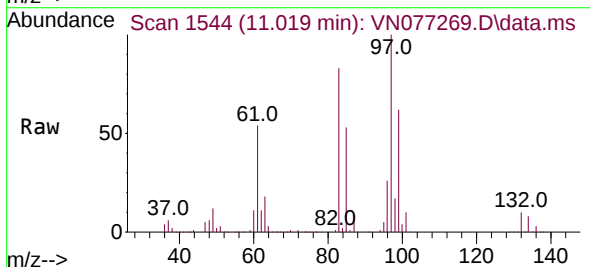
Manual Integrations
 APPROVED

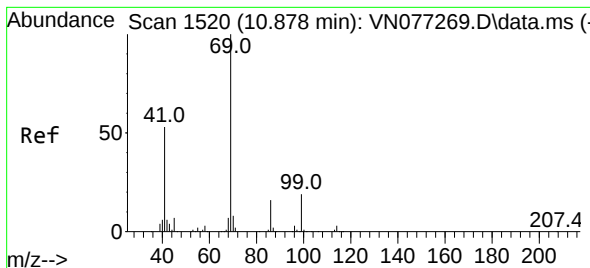
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023



#50
 1,1,2-Trichloroethane
 Concen: 47.643 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077269.D
 Acq: 07 Apr 2023 10:22

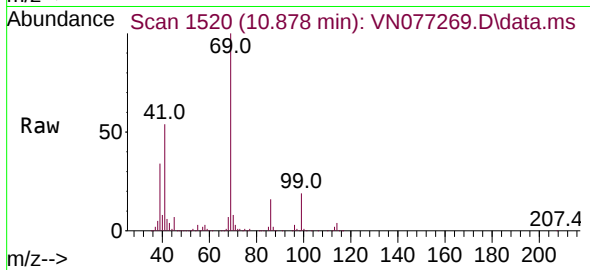
Tgt Ion: 97 Resp: 387654
 Ion Ratio Lower Upper
 97 100
 83 83.4 71.0 106.4
 85 53.0 45.5 68.3
 99 61.6 51.4 77.2





#51
Ethyl methacrylate
Concen: 51.435 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.001 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

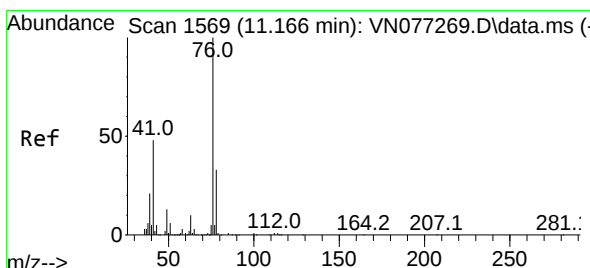
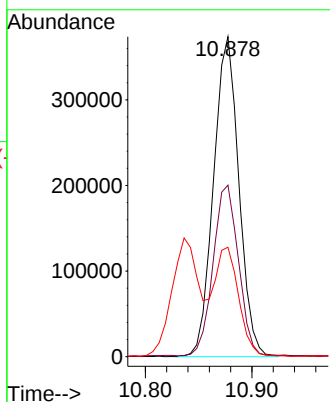
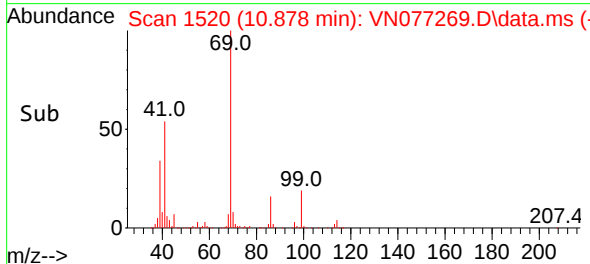
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 69 Resp: 616969
Ion Ratio Lower Upper
69 100
41 53.3 36.3 108.7
39 33.9 19.9 59.7

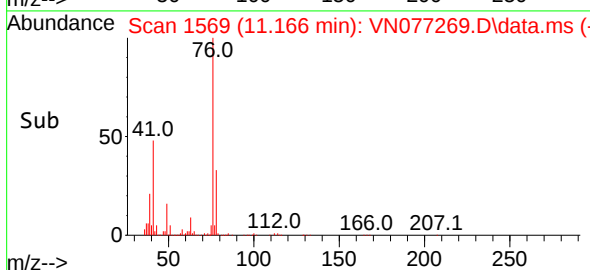
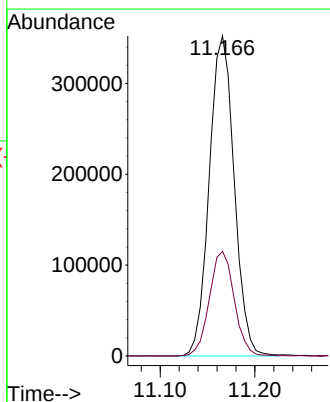
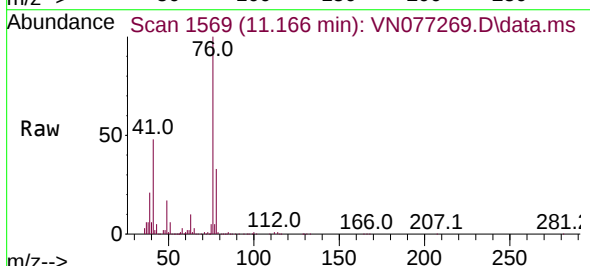
Manual Integrations
APPROVED

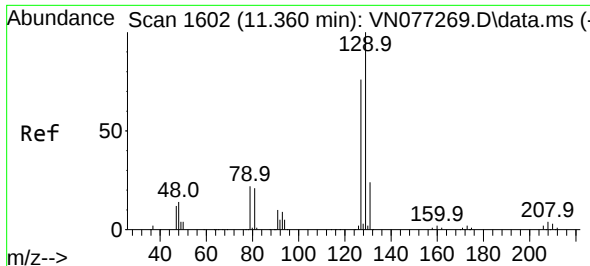
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#52
1,3-Dichloropropane
Concen: 45.876 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

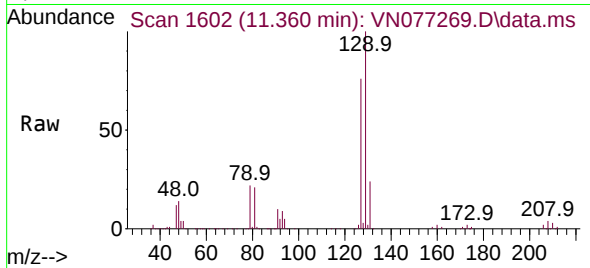
Tgt Ion: 76 Resp: 644736
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.4





#53
Dibromochloromethane
Concen: 50.637 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

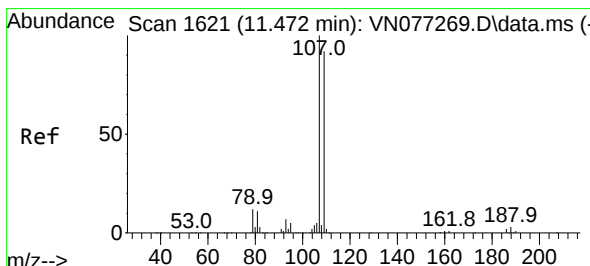
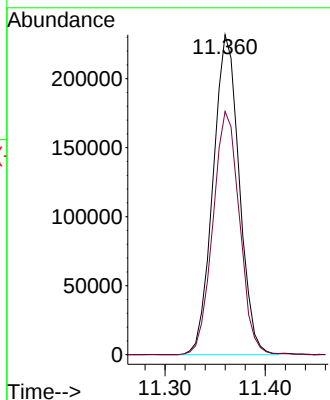
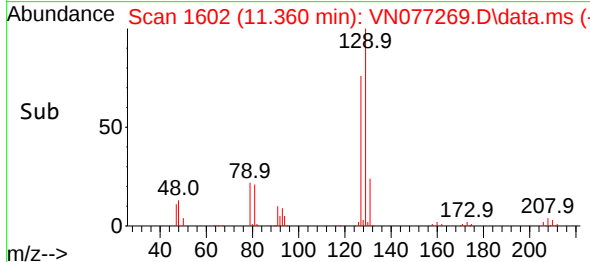
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



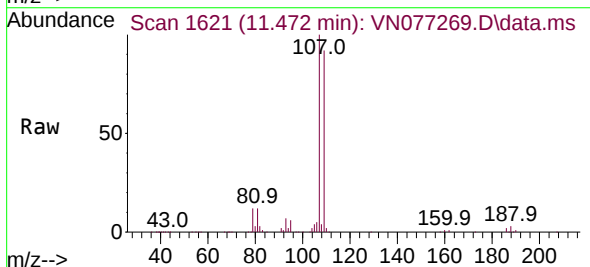
Tgt Ion:129 Resp: 420329
Ion Ratio Lower Upper
129 100
127 77.2 39.4 118.1

Manual Integrations
APPROVED

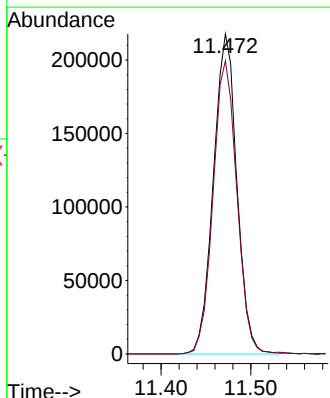
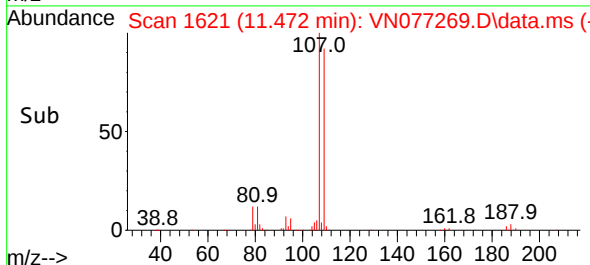
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

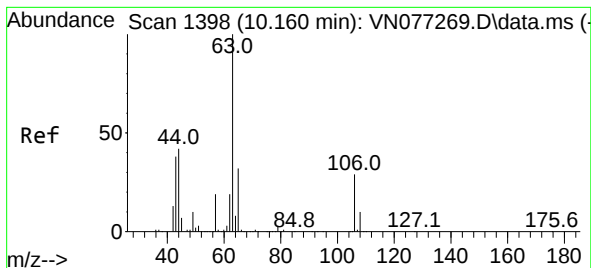


#54
1,2-Dibromoethane
Concen: 50.356 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22



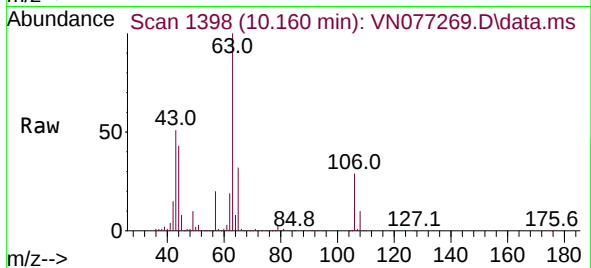
Tgt Ion:107 Resp: 395382
Ion Ratio Lower Upper
107 100
109 92.6 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 226.203 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

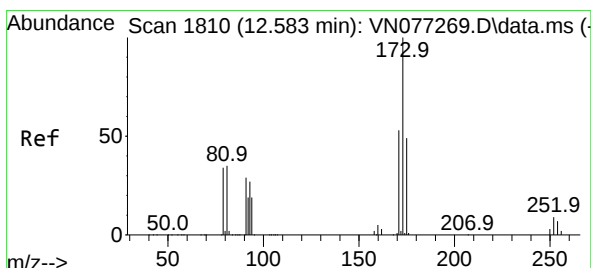
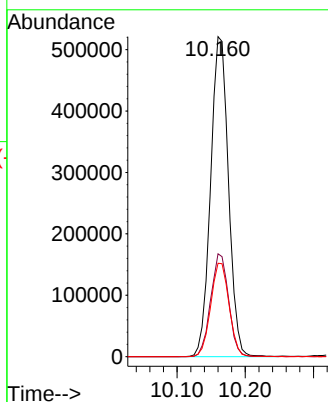
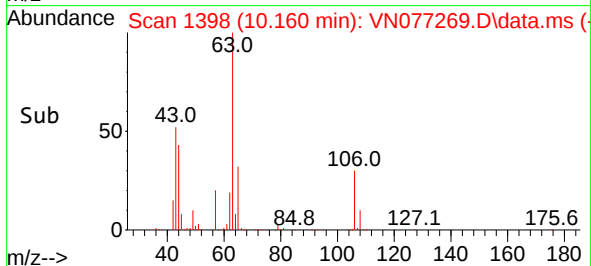
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 63 Resp: 951336
Ion Ratio Lower Upper
63 100
65 32.1 26.3 39.5
106 30.0 21.6 32.4

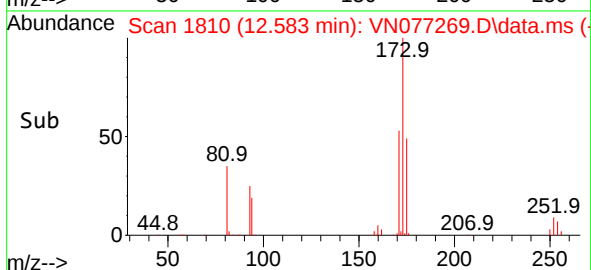
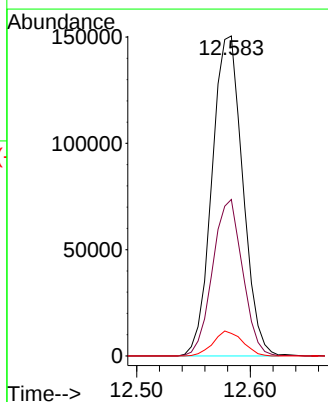
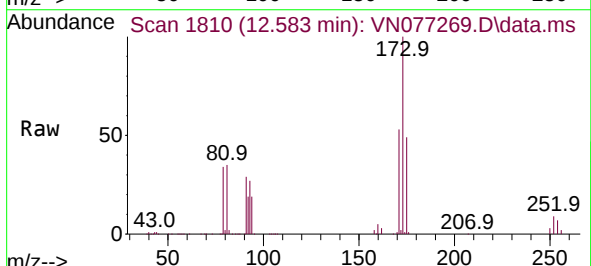
Manual Integrations
APPROVED

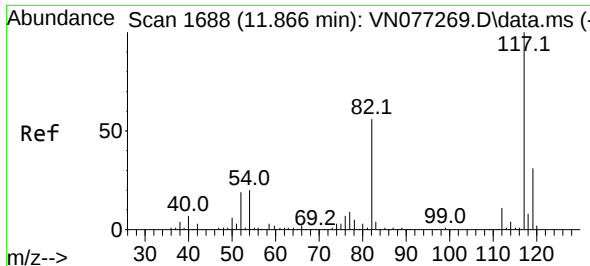
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#56
Bromoform
Concen: 50.935 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion:173 Resp: 282858
Ion Ratio Lower Upper
173 100
175 47.7 37.8 56.6
254 7.5 7.3 10.9





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.866 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion:117 Resp: 519769

Ion Ratio Lower Upper

117 100

82 54.8 45.4 68.0

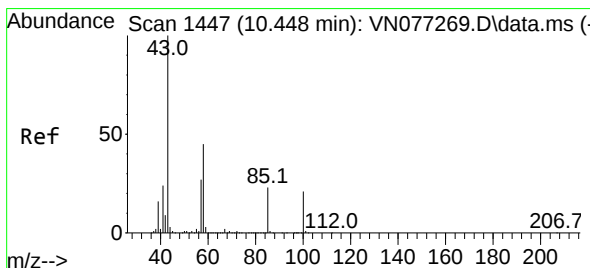
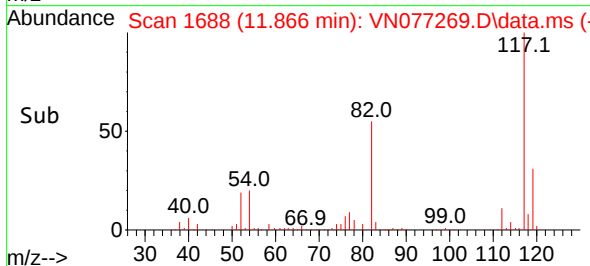
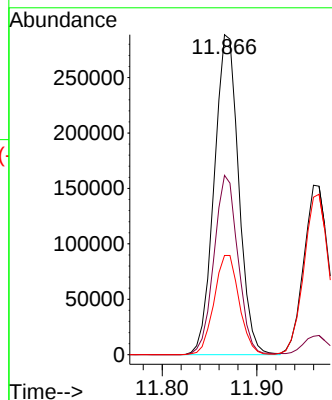
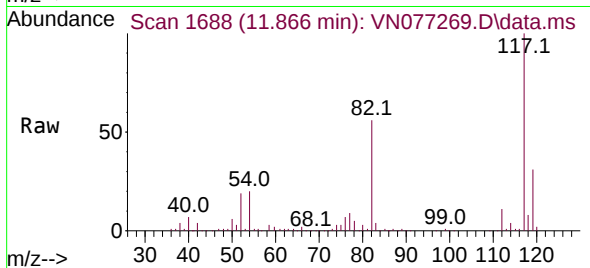
119 31.7 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#58

4-Methyl-2-Pentanone

Concen: 223.402 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

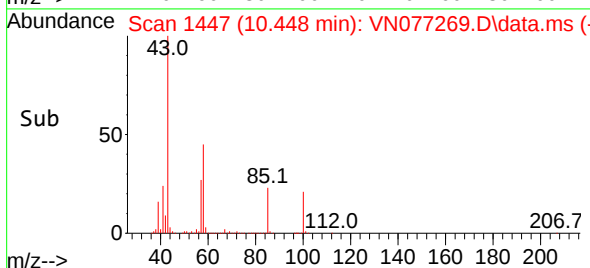
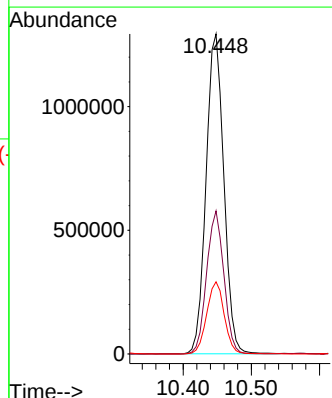
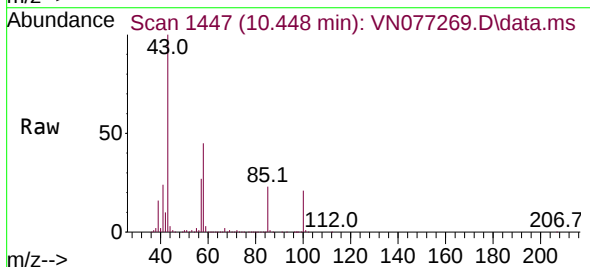
Tgt Ion: 43 Resp: 2345724

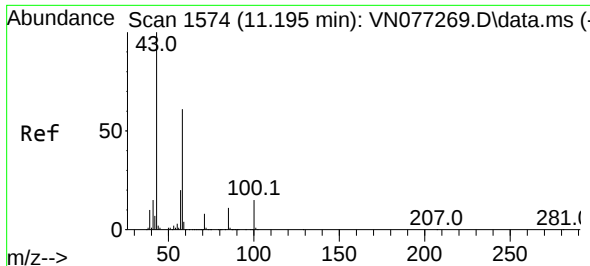
Ion Ratio Lower Upper

43 100

58 43.4 28.6 42.8#

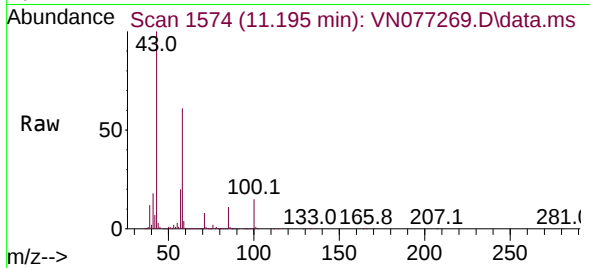
85 22.3 11.8 17.8#





#59
2-Hexanone
Concen: 242.153 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

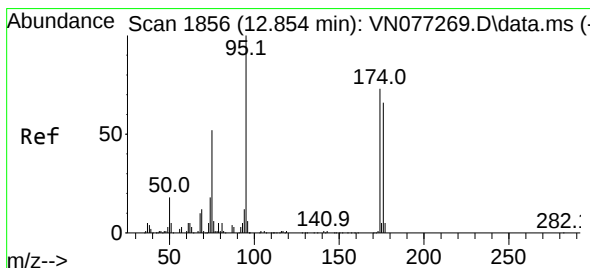
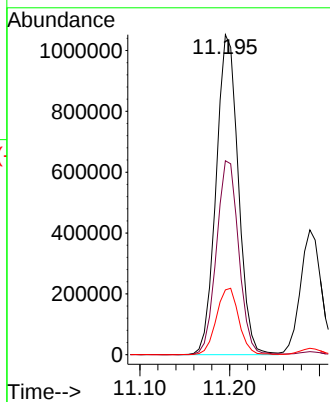
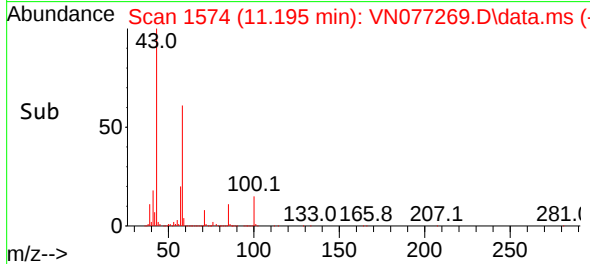
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



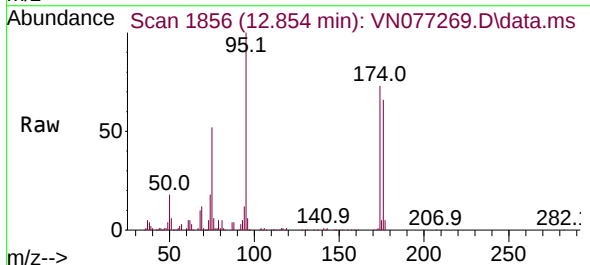
Tgt Ion: 43 Resp: 180620
Ion Ratio Lower Upper
43 100
58 60.8 40.6 60.8
57 20.9 13.1 19.7

Manual Integrations
APPROVED

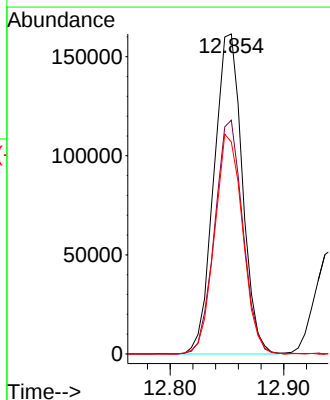
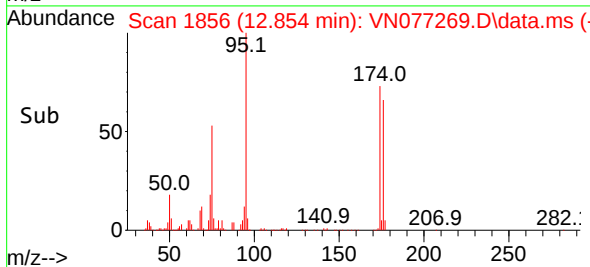
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

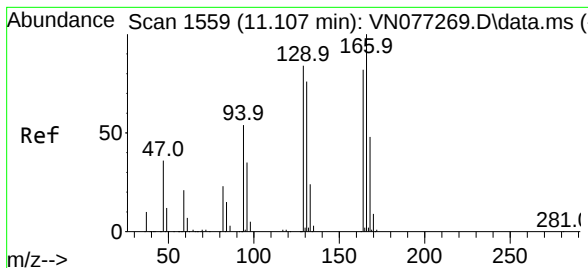


#60
4-Bromofluorobenzene
Concen: 28.483 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22



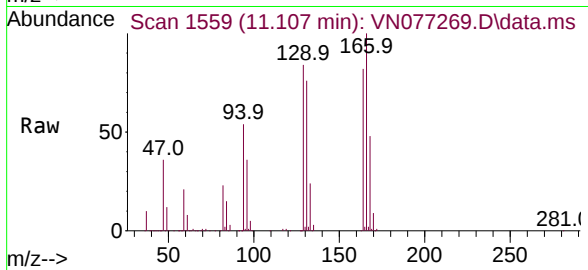
Tgt Ion: 95 Resp: 280196
Ion Ratio Lower Upper
95 100
174 72.3 64.2 96.4
176 68.2 61.4 92.0





#61
Tetrachloroethene
Concen: 35.270 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

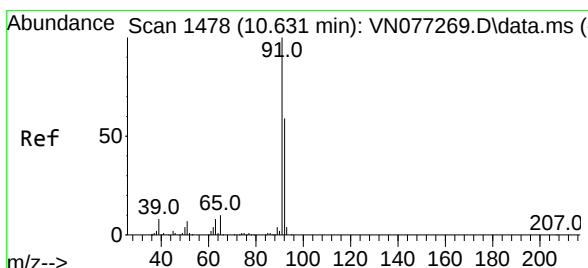
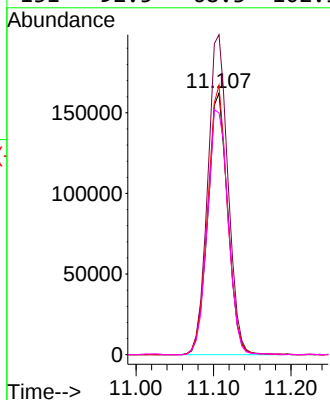
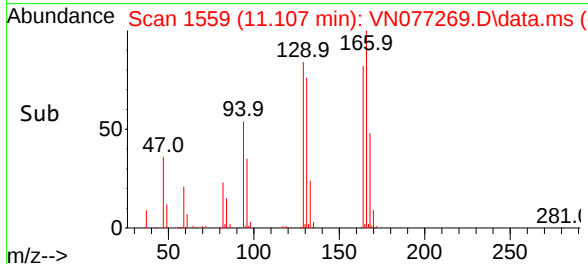
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



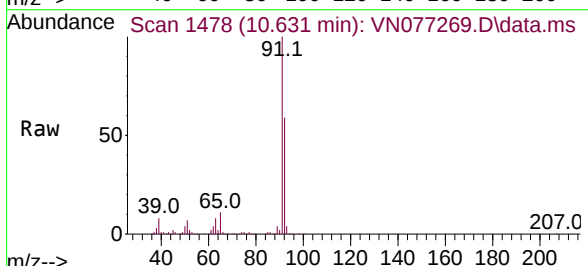
Tgt Ion:164 Resp: 289400
Ion Ratio Lower Upper
164 100
166 122.4 96.2 144.2
129 103.1 78.2 117.4
131 92.5 68.3 102.5

Manual Integrations
APPROVED

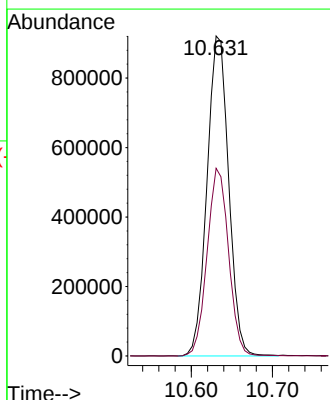
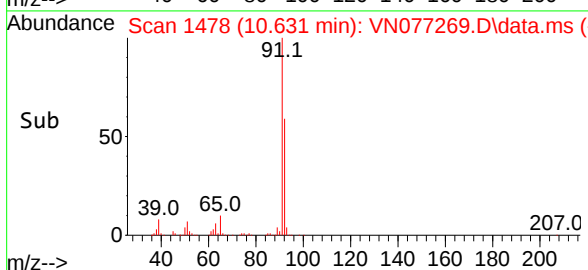
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

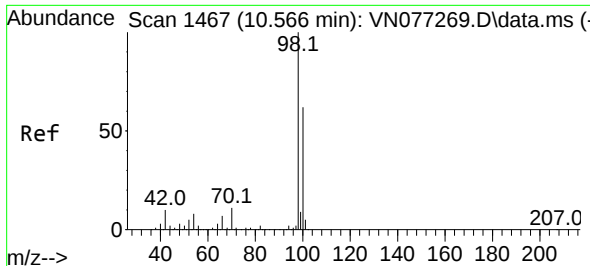


#62
Toluene
Concen: 47.566 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.001 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22



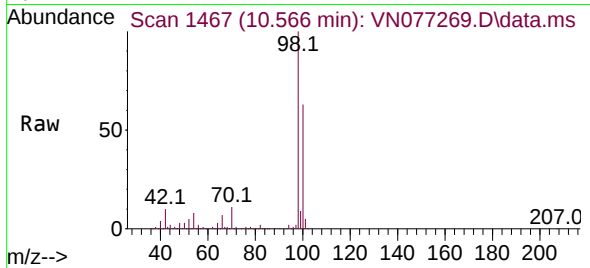
Tgt Ion: 91 Resp: 1703599
Ion Ratio Lower Upper
91 100
92 58.3 46.3 69.5





#63
Toluene-d8
Concen: 29.657 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

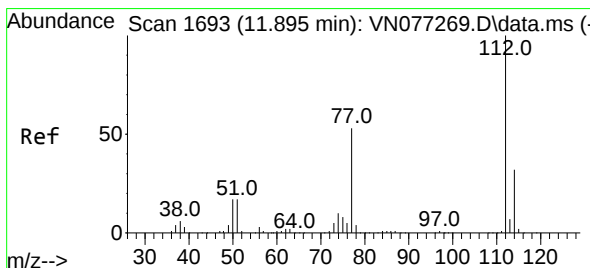
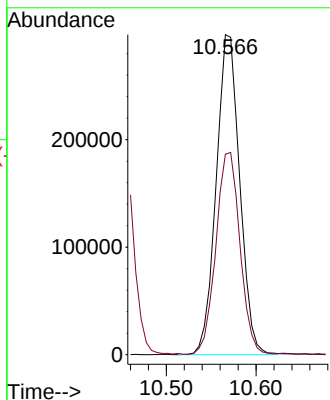
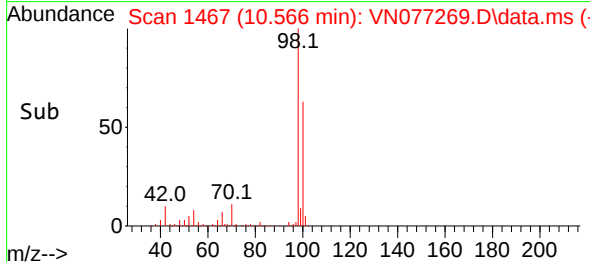
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 98 Resp: 542174
Ion Ratio Lower Upper
98 100
100 64.3 53.8 80.6

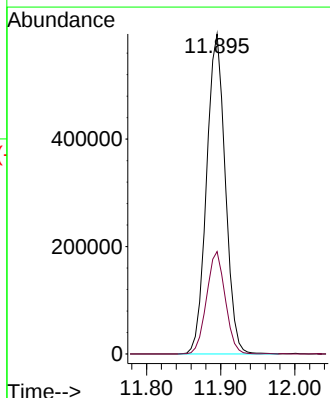
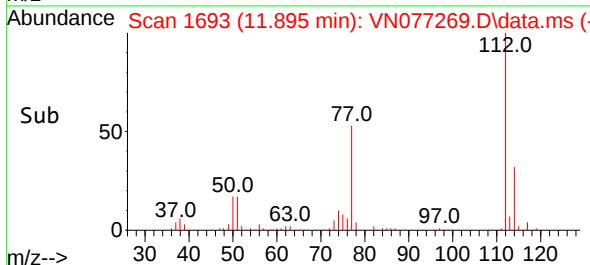
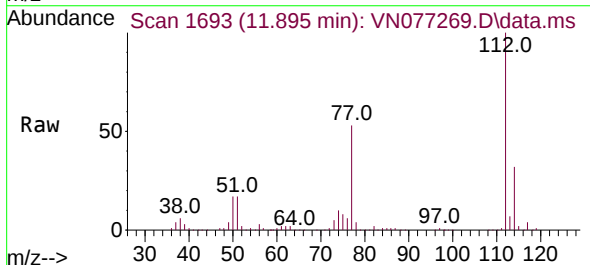
Manual Integrations
APPROVED

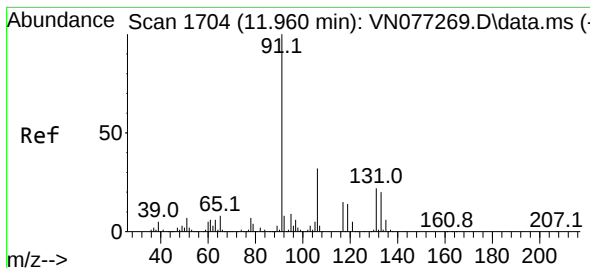
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#64
Chlorobenzene
Concen: 49.509 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

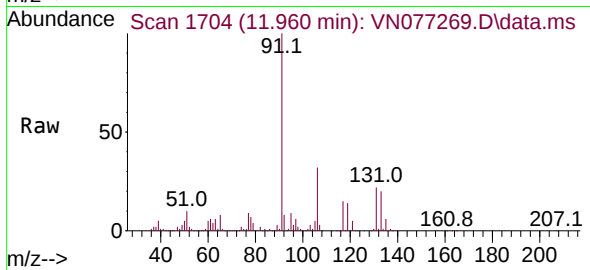
Tgt Ion:112 Resp: 1043757
Ion Ratio Lower Upper
112 100
114 32.0 24.5 36.7





#65
1,1,1,2-Tetrachloroethane
Concen: 49.547 ug/l
RT: 11.960 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

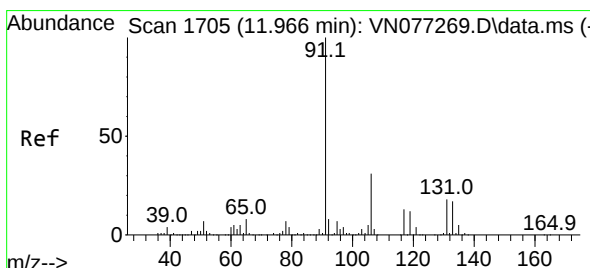
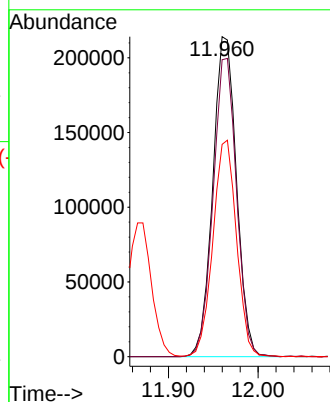
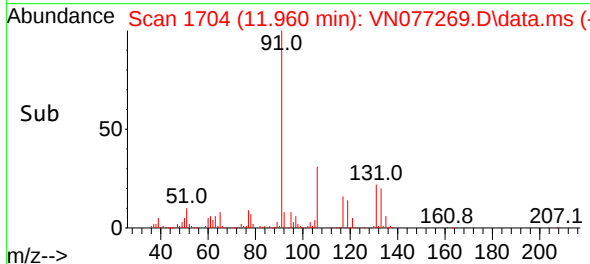
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:131 Resp: 39233
Ion Ratio Lower Upper
131 100
133 92.2 0.0 197.6
119 67.4 0.0 127.8

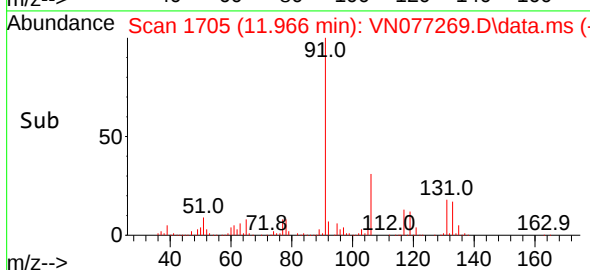
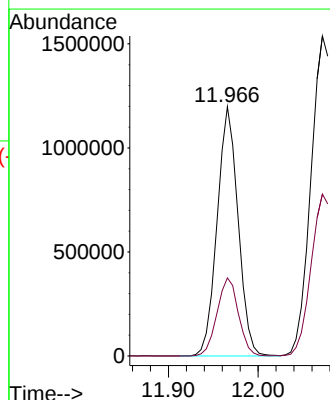
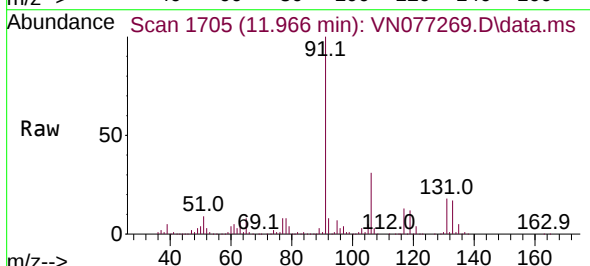
Manual Integrations
APPROVED

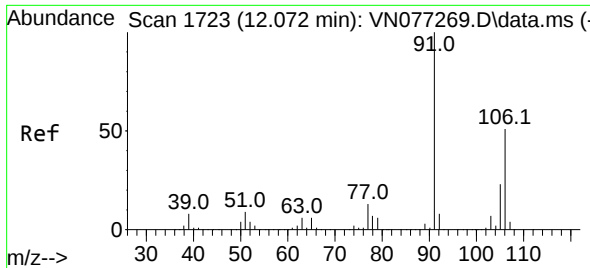
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#66
Ethyl Benzene
Concen: 49.868 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

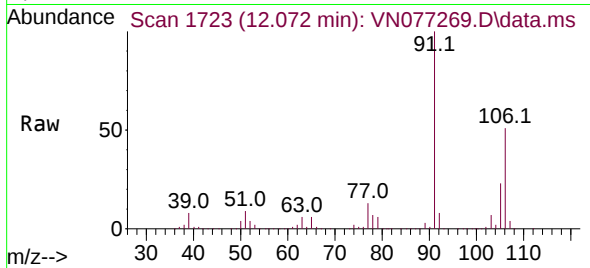
Tgt Ion: 91 Resp: 1939084
Ion Ratio Lower Upper
91 100
106 31.3 23.8 35.8





#67
m/p-Xylenes
Concen: 103.898 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.001 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

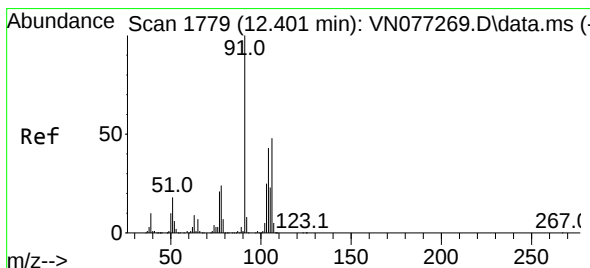
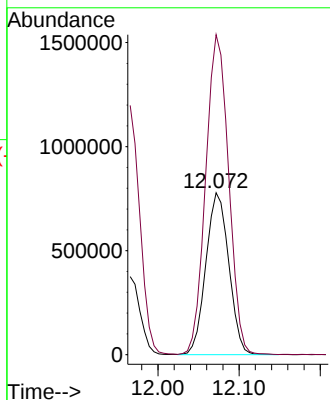
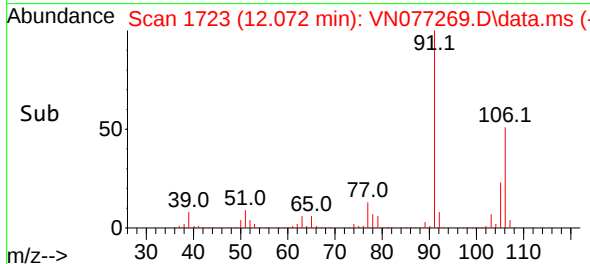
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



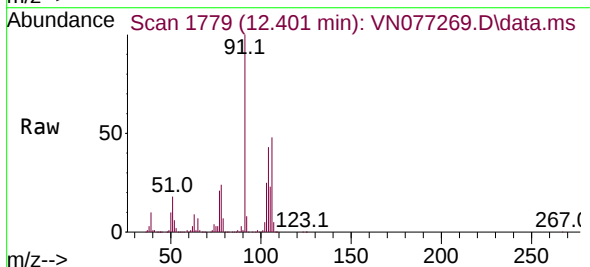
Tgt Ion:106 Resp: 1530330
Ion Ratio Lower Upper
106 100
91 197.5 157.4 236.2

Manual Integrations
APPROVED

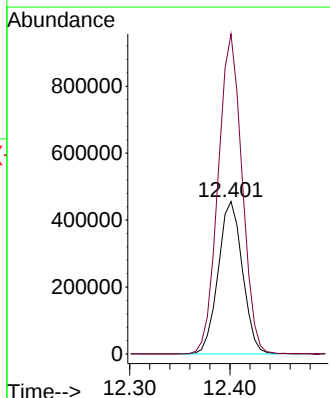
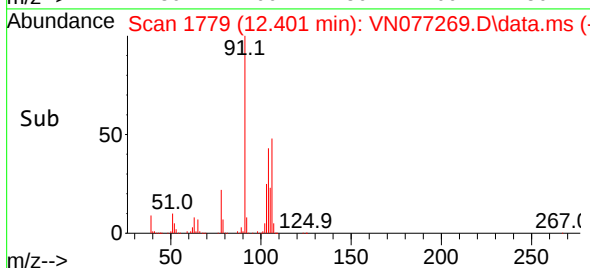
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

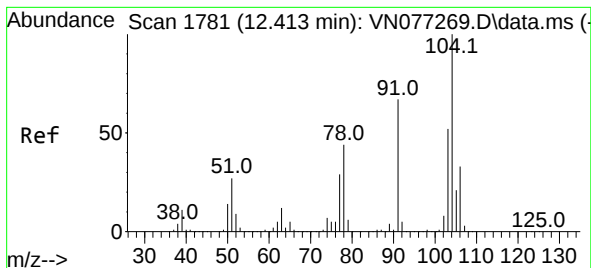


#68
o-Xylene
Concen: 53.187 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22



Tgt Ion:106 Resp: 764840
Ion Ratio Lower Upper
106 100
91 207.2 107.2 321.6





#69

Styrene

Concen: 53.570 ug/l

RT: 12.413 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion:104 Resp: 124940

Ion Ratio Lower Upper

104 100

78 47.8 39.6 59.4

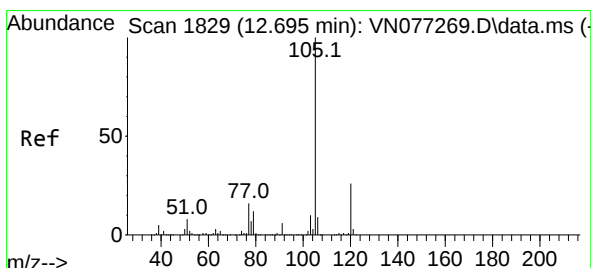
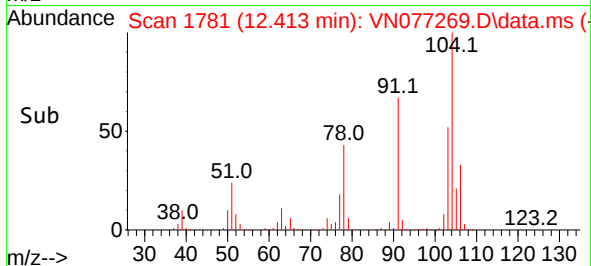
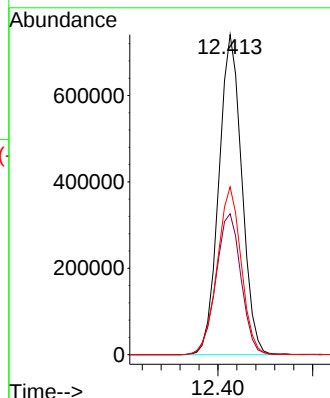
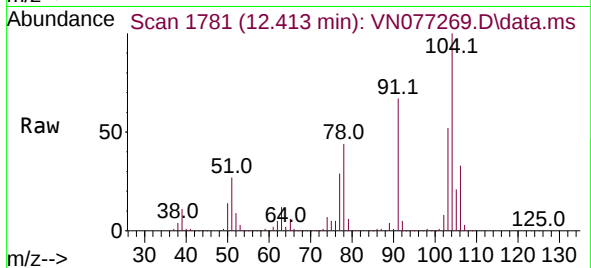
103 54.5 43.9 65.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#70

Isopropylbenzene

Concen: 52.217 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. -0.006 min

Lab File: VN077269.D

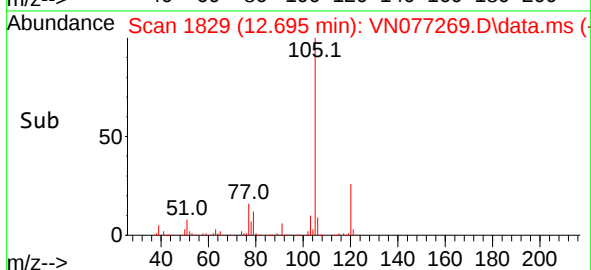
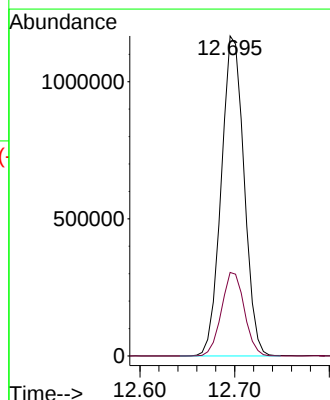
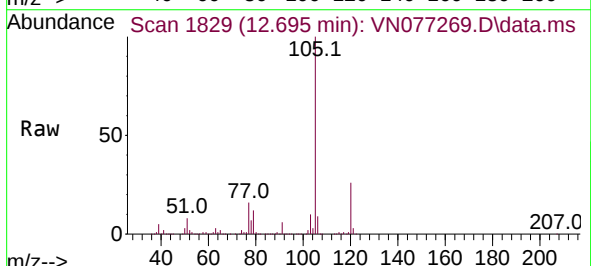
Acq: 07 Apr 2023 10:22

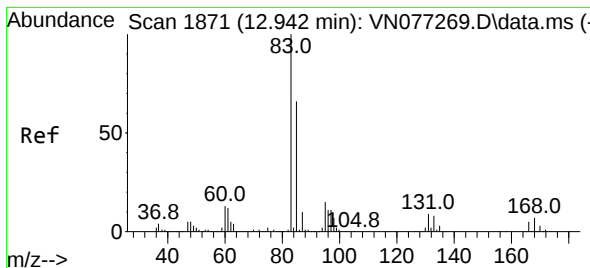
Tgt Ion:105 Resp: 1953763

Ion Ratio Lower Upper

105 100

120 26.2 19.0 35.2





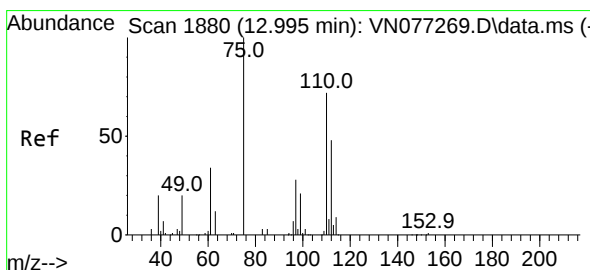
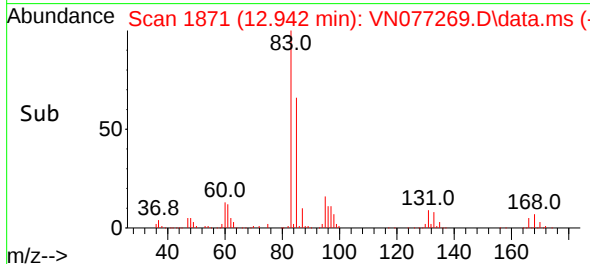
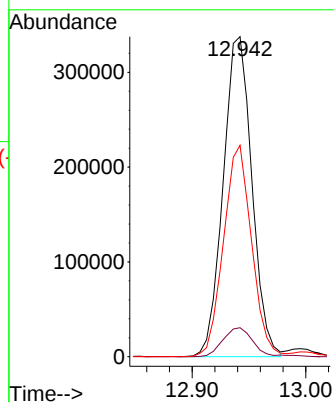
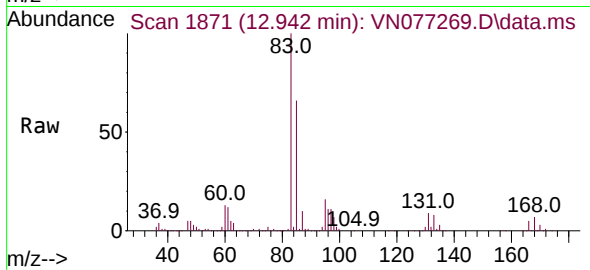
#71
1,1,2,2-Tetrachloroethane
Concen: 52.623 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 59366
Ion Ratio Lower Upper
83 100
131 9.3 5.0 14.9
85 64.5 32.3 96.9

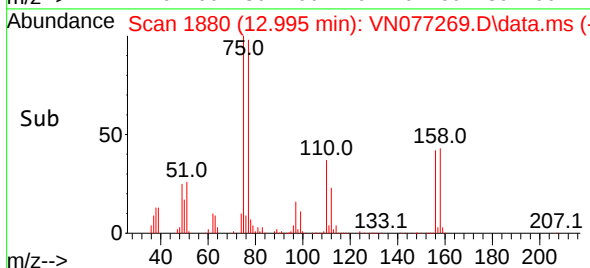
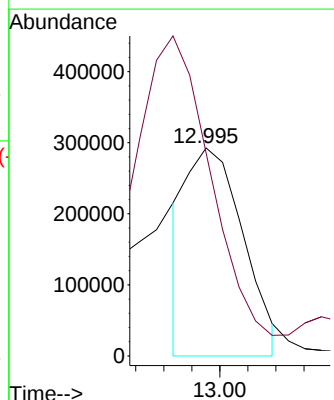
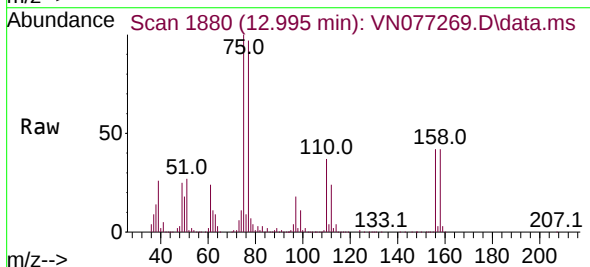
Manual Integrations
APPROVED

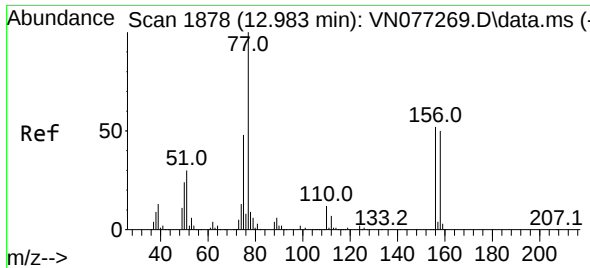
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#72
1,2,3-Trichloropropane
Concen: 39.816 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 75 Resp: 412059
Ion Ratio Lower Upper
75 100
77 217.1 0.0 332.6





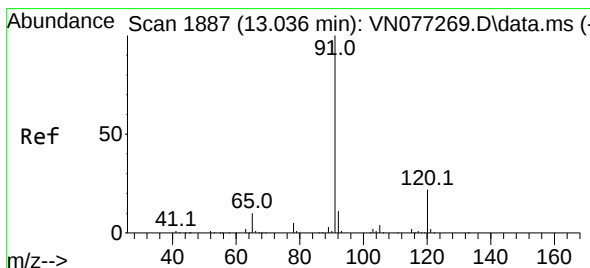
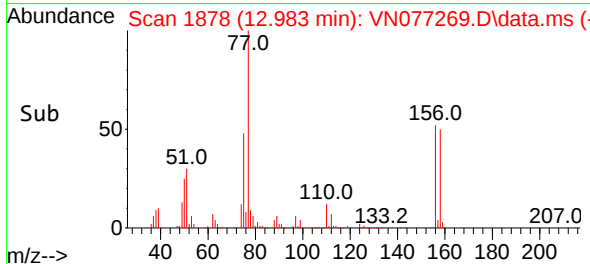
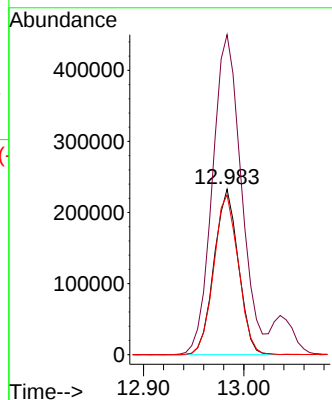
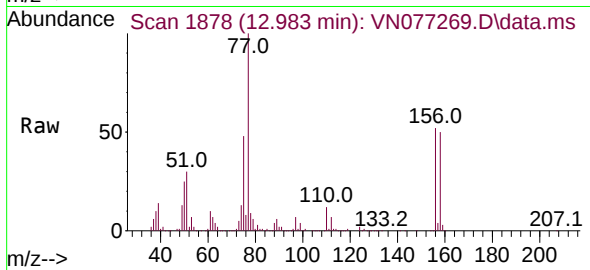
#73
Bromobenzene
Concen: 46.408 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:156 Resp: 39184
Ion Ratio Lower Upper
156 100
77 228.3 0.0 423.0
158 97.8 0.0 188.6

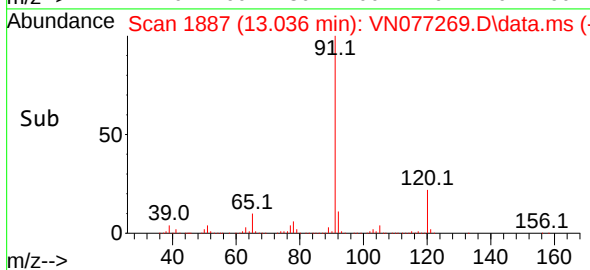
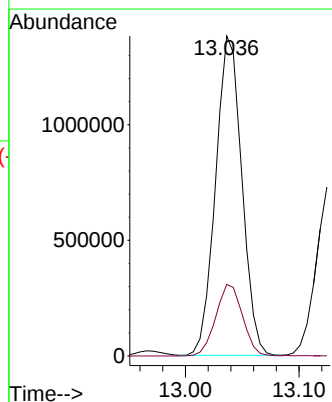
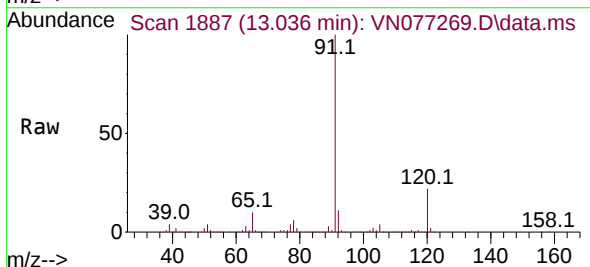
Manual Integrations
APPROVED

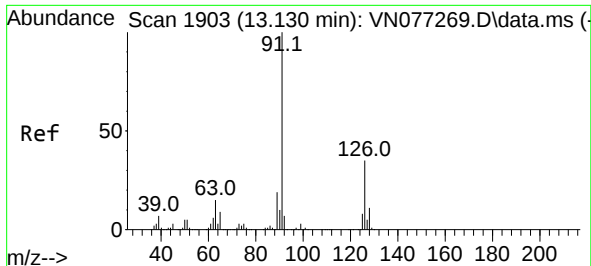
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#74
n-propylbenzene
Concen: 50.192 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 91 Resp: 2216731
Ion Ratio Lower Upper
91 100
120 22.8 0.0 44.0





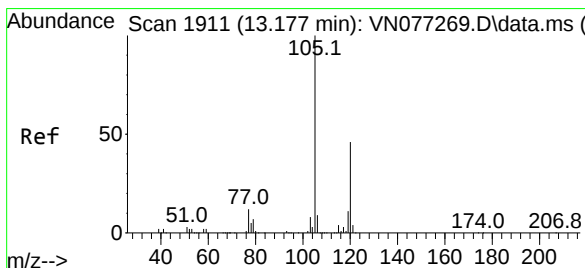
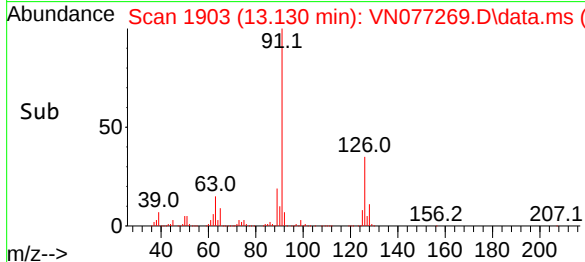
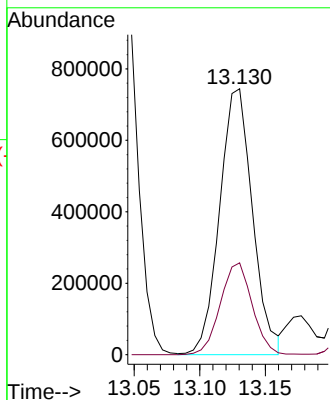
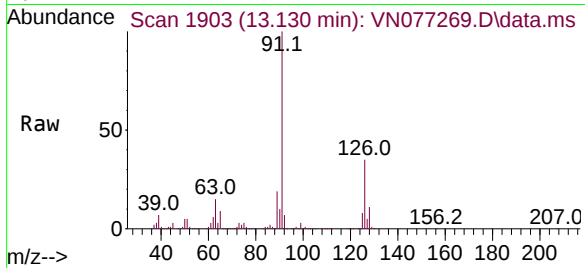
#75
2-Chlorotoluene
Concen: 47.635 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 1301034
Ion Ratio Lower Upper
91 100
126 33.5 0.0 66.4

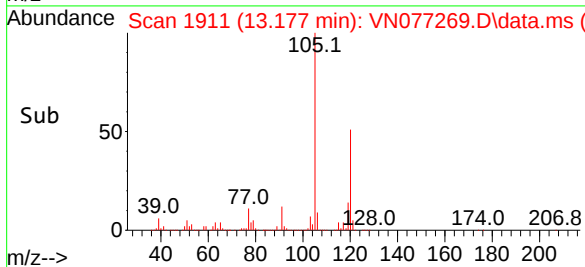
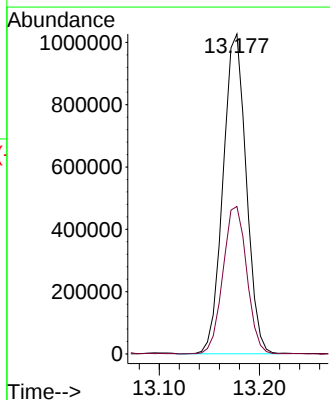
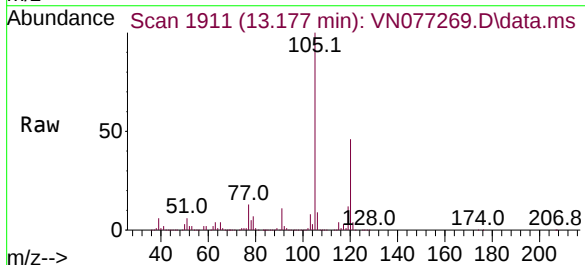
Manual Integrations
APPROVED

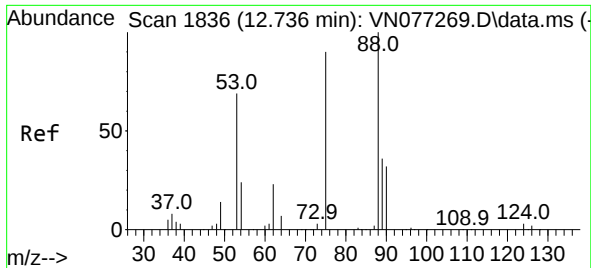
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#76
1,3,5-Trimethylbenzene
Concen: 50.940 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

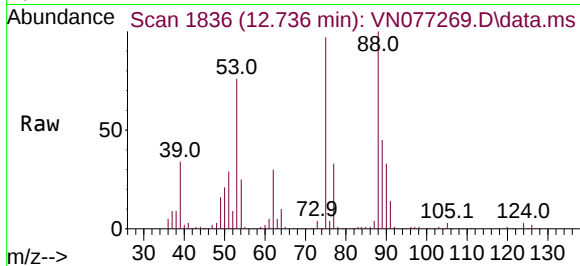
Tgt Ion:105 Resp: 1649720
Ion Ratio Lower Upper
105 100
120 47.2 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 67.821 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

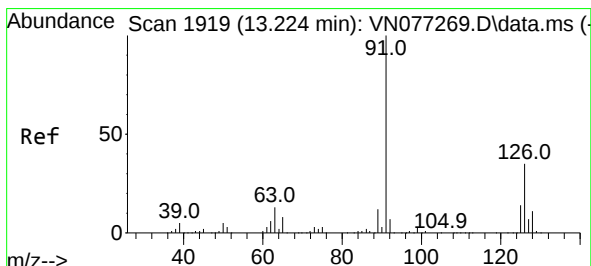
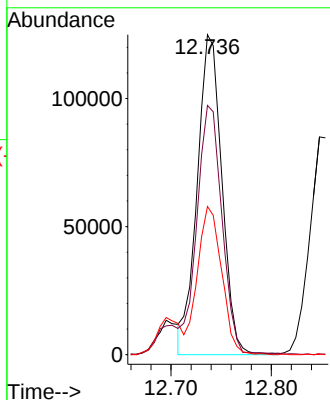
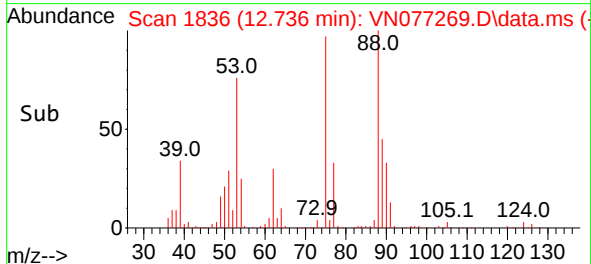
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



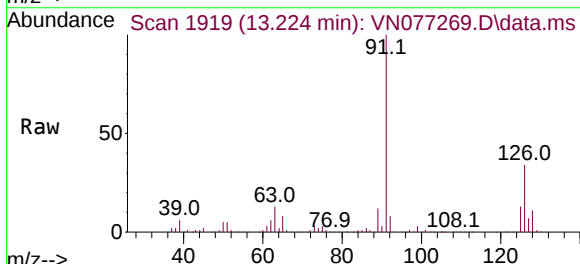
Tgt Ion: 75 Resp: 214258
Ion Ratio Lower Upper
75 100
53 77.6 50.4 151.3
89 46.4 22.1 66.5

Manual Integrations
APPROVED

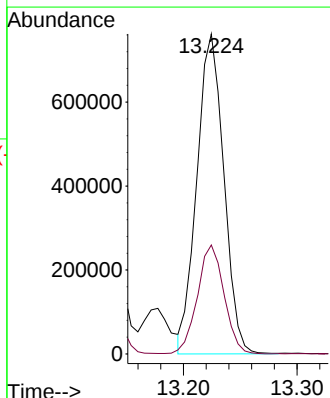
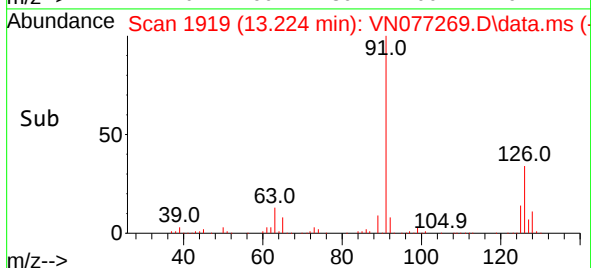
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

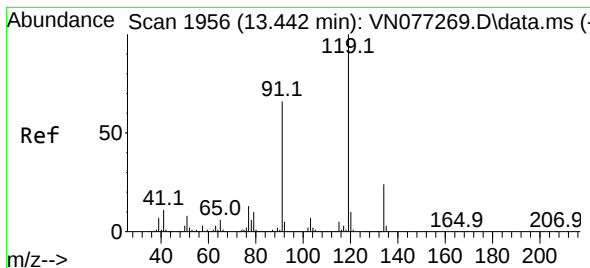


#78
4-Chlorotoluene
Concen: 47.772 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22



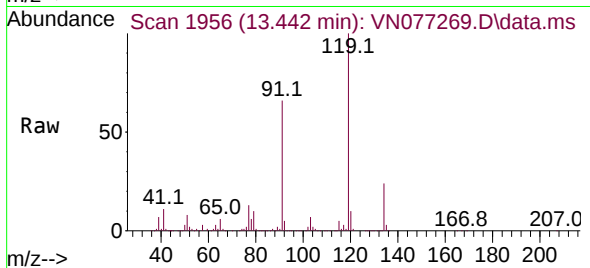
Tgt Ion: 91 Resp: 1257759
Ion Ratio Lower Upper
91 100
126 33.7 0.0 70.6





#79
tert-butylbenzene
Concen: 51.590 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

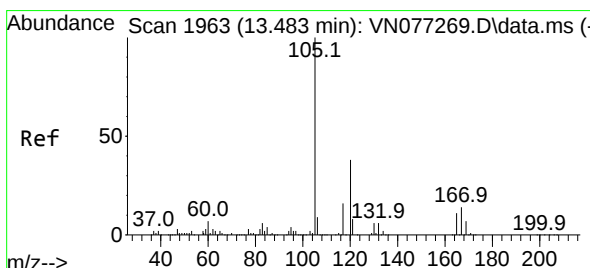
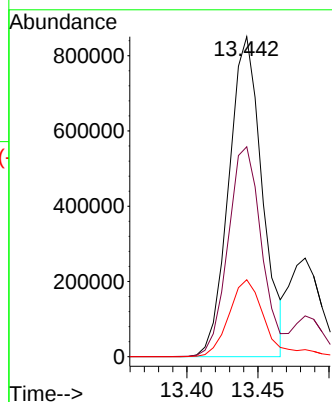
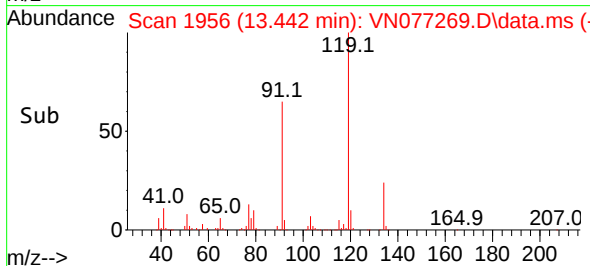
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:119 Resp: 1397169
Ion Ratio Lower Upper
119 100
91 65.5 0.0 129.6
134 24.9 0.0 47.8

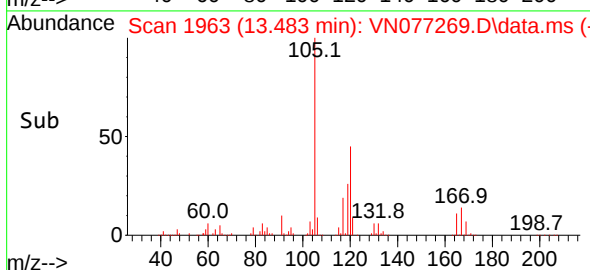
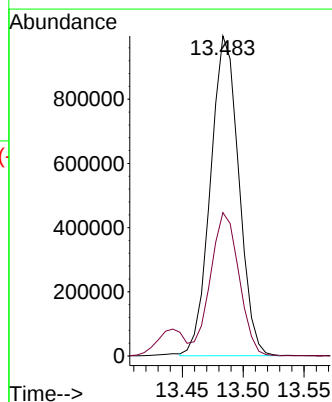
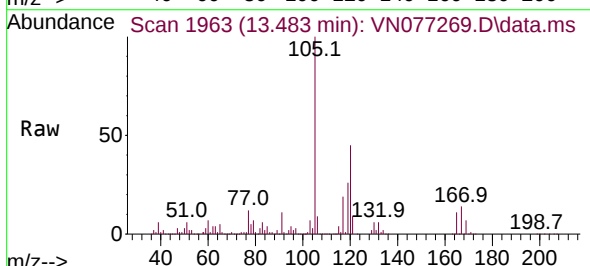
Manual Integrations
APPROVED

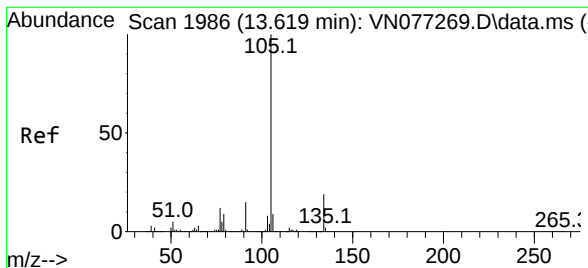
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#80
1,2,4-Trimethylbenzene
Concen: 50.624 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

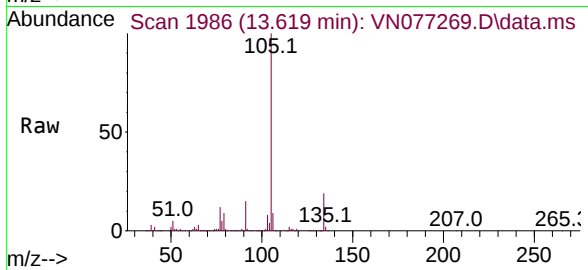
Tgt Ion:105 Resp: 1611161
Ion Ratio Lower Upper
105 100
120 45.5 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 52.539 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN077269.D
 Acq: 07 Apr 2023 10:22

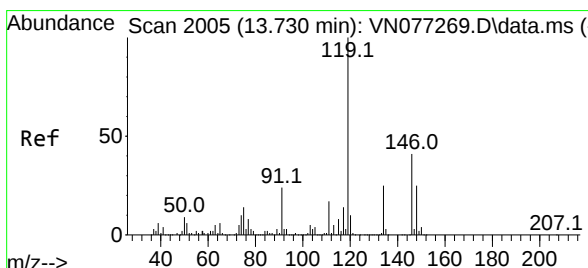
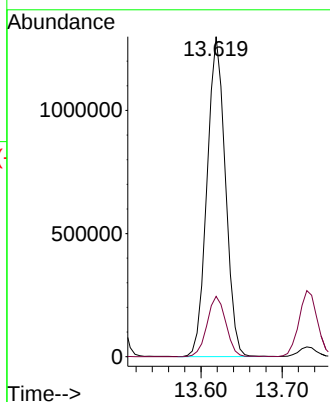
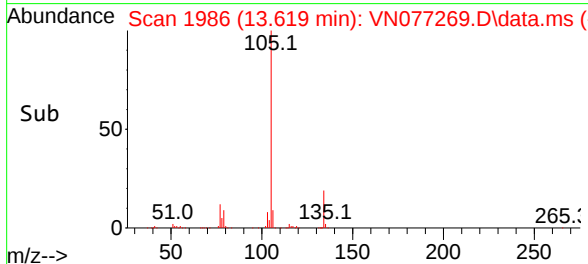
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050



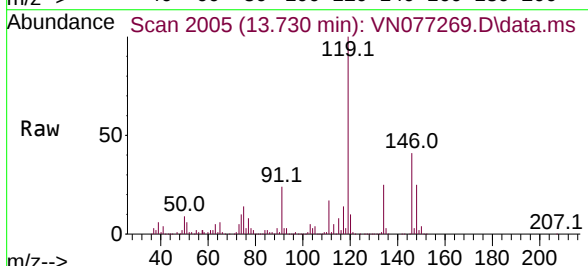
Tgt Ion:105 Resp: 2035779
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.4

Manual Integrations
 APPROVED

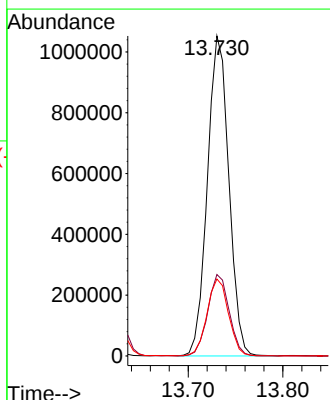
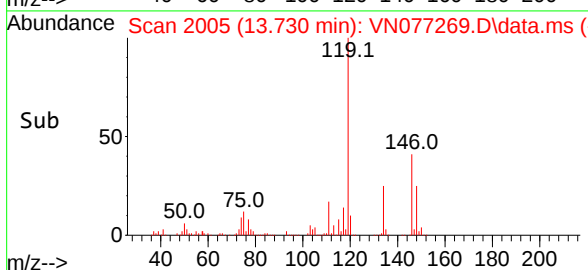
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023

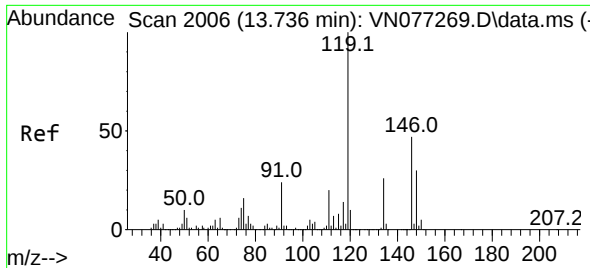


#82
 p-Isopropyltoluene
 Concen: 53.019 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077269.D
 Acq: 07 Apr 2023 10:22



Tgt Ion:119 Resp: 1660395
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 53.4
 91 24.0 0.0 47.2





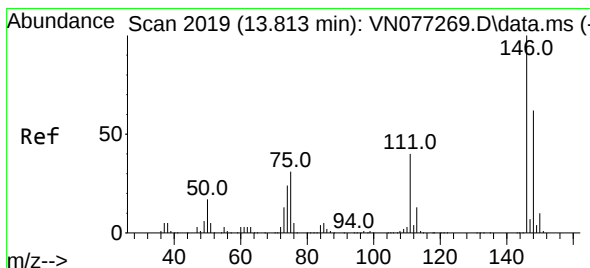
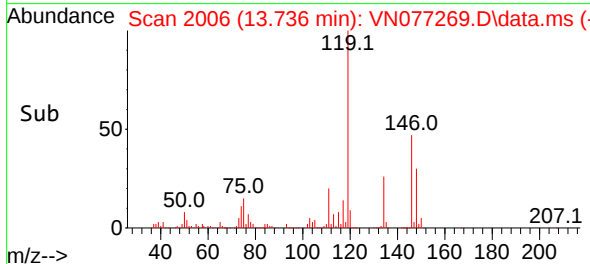
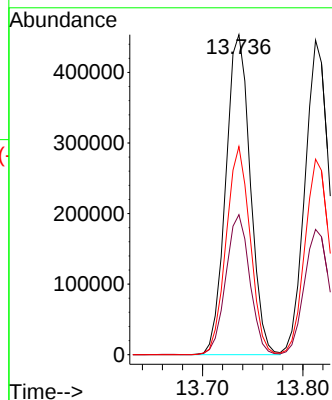
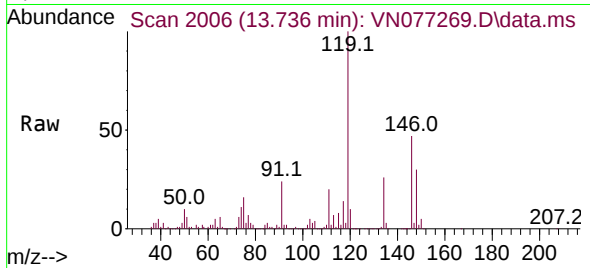
#83
 1,3-Dichlorobenzene
 Concen: 49.297 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077269.D
 Acq: 07 Apr 2023 10:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:146 Resp: 77014
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.3 60.8
 148 63.7 31.9 95.5

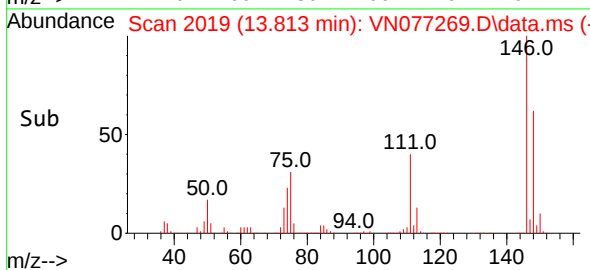
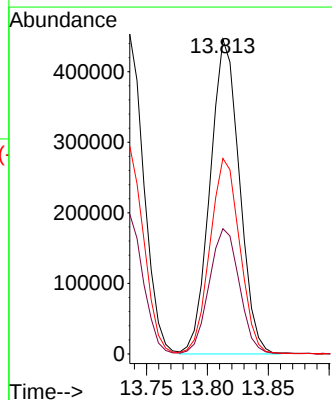
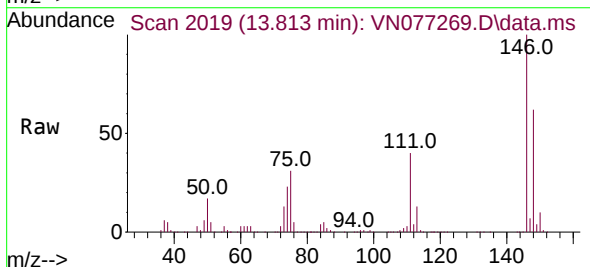
Manual Integrations
 APPROVED

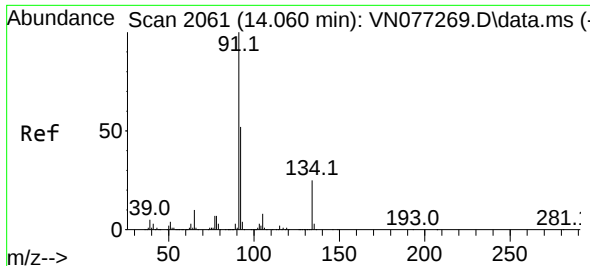
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023



#84
 1,4-Dichlorobenzene
 Concen: 49.273 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077269.D
 Acq: 07 Apr 2023 10:22

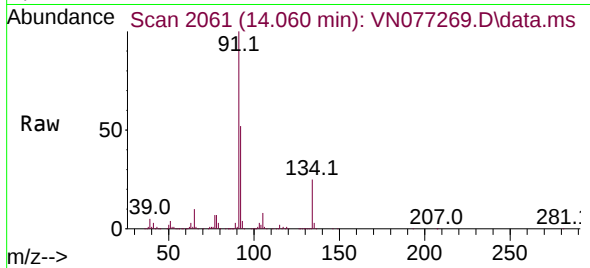
Tgt Ion:146 Resp: 747729
 Ion Ratio Lower Upper
 146 100
 111 40.7 18.2 54.6
 148 63.1 31.1 93.2





#85
n-Butylbenzene
Concen: 53.125 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

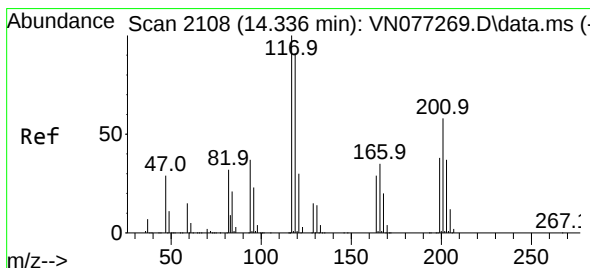
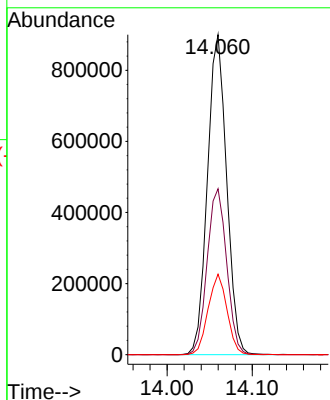
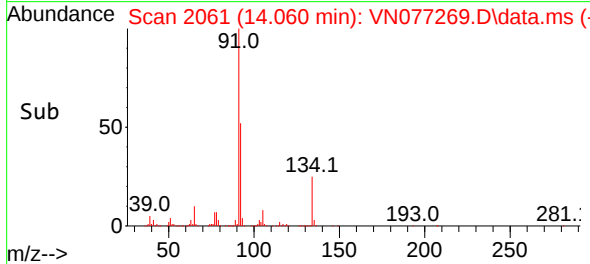
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



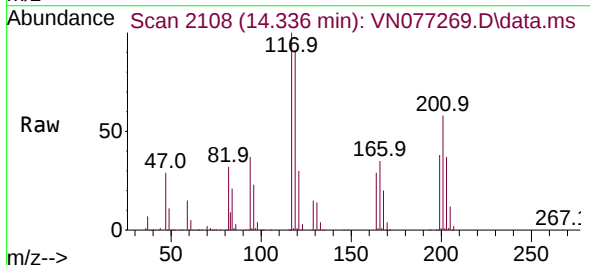
Tgt Ion: 91 Resp: 1410214
Ion Ratio Lower Upper
91 100
92 52.8 0.0 103.2
134 24.7 0.0 50.0

Manual Integrations
APPROVED

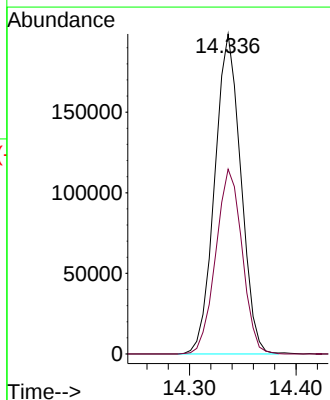
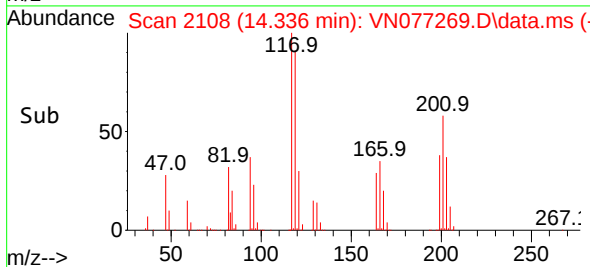
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

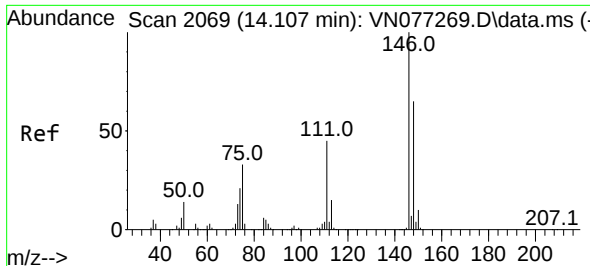


#86
Hexachloroethane
Concen: 60.459 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22



Tgt Ion:117 Resp: 338062
Ion Ratio Lower Upper
117 100
201 58.3 32.2 96.6





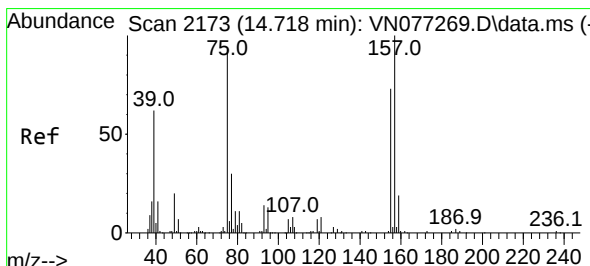
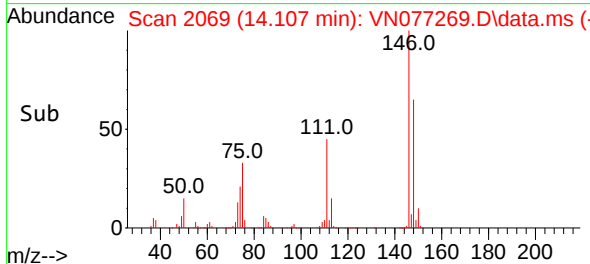
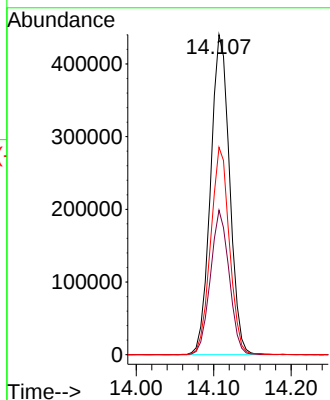
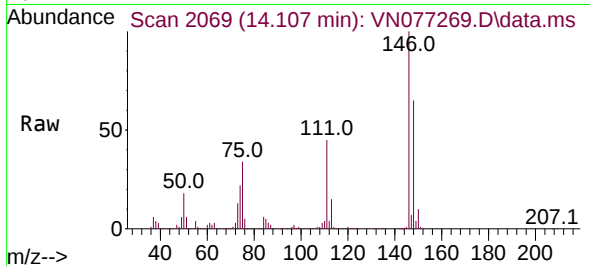
#87
1,2-Dichlorobenzene
Concen: 48.149 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:146 Resp: 750114
Ion Ratio Lower Upper
146 100
111 44.3 20.5 61.6
148 63.8 32.5 97.5

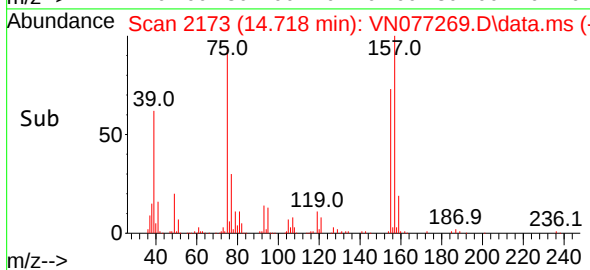
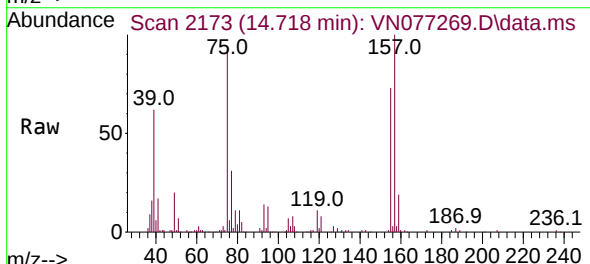
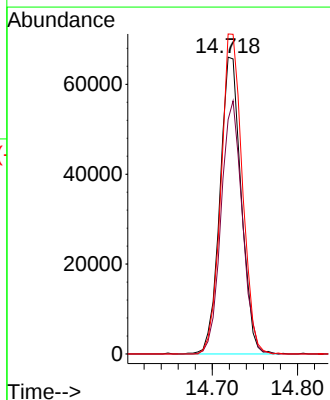
Manual Integrations
APPROVED

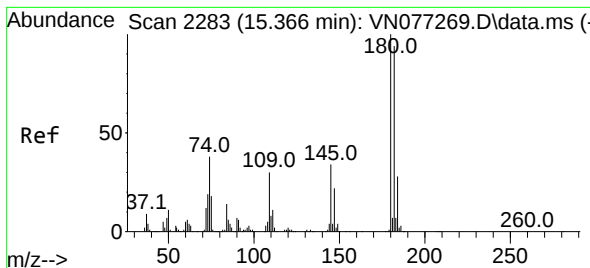
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 52.145 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion: 75 Resp: 114578
Ion Ratio Lower Upper
75 100
155 84.7 62.5 93.7
157 107.9 77.5 116.3





#89

1,2,4-Trichlorobenzene

Concen: 39.417 ug/l

RT: 15.366 min Scan# 21

Delta R.T. -0.029 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion:180 Resp: 32758

Ion Ratio Lower Upper

180 100

182 94.5 76.6 115.0

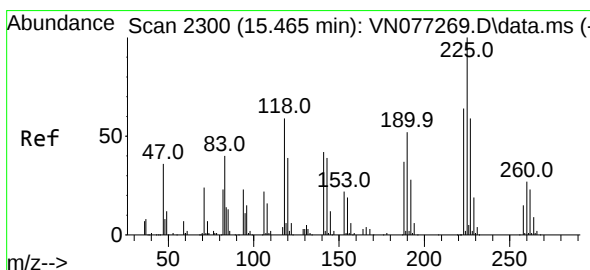
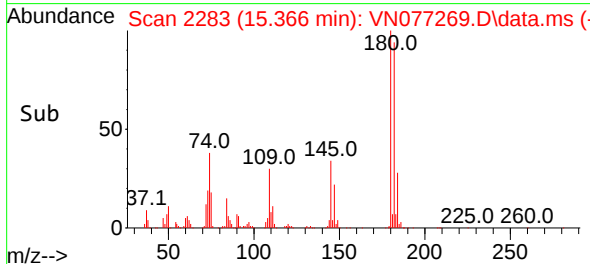
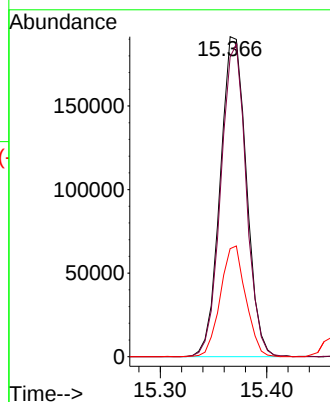
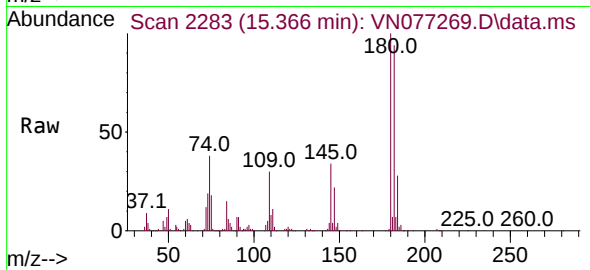
145 33.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#90

Hexachlorobutadiene

Concen: 35.402 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. -0.036 min

Lab File: VN077269.D

Acq: 07 Apr 2023 10:22

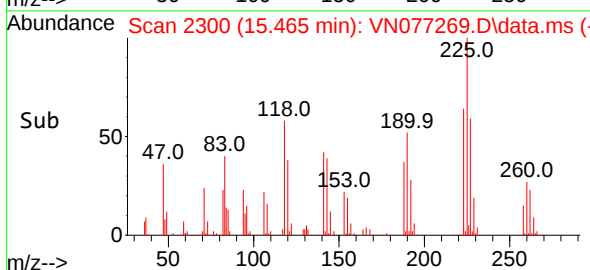
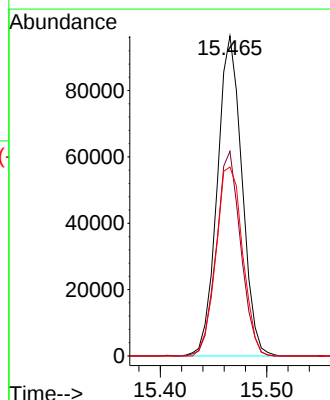
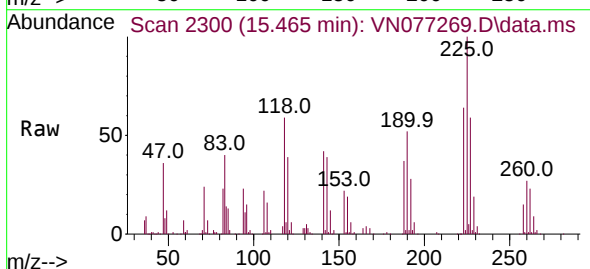
Tgt Ion:225 Resp: 155106

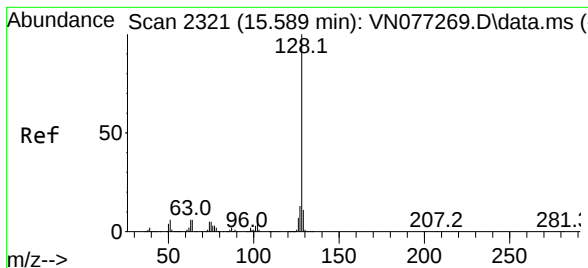
Ion Ratio Lower Upper

225 100

223 63.0 0.0 135.4

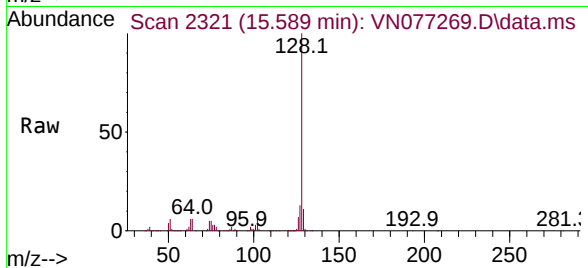
227 63.6 0.0 129.4





#91
Naphthalene
Concen: 48.251 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.053 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

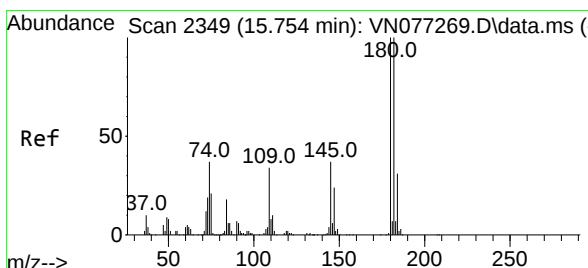
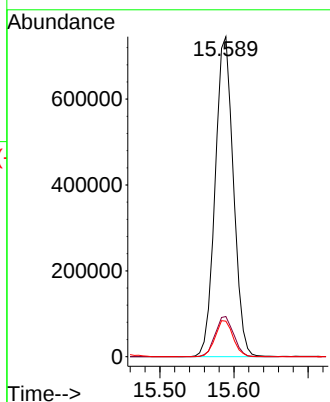
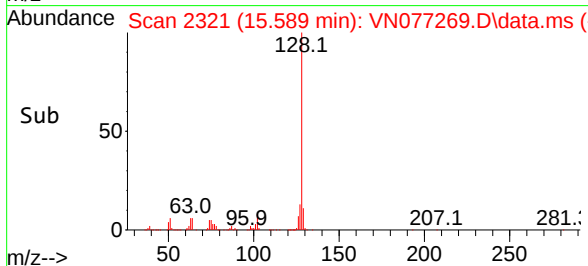
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:128 Resp: 1271834
Ion Ratio Lower Upper
128 100
127 12.7 11.0 16.6
129 11.1 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: 37.432 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.088 min
Lab File: VN077269.D
Acq: 07 Apr 2023 10:22

Tgt Ion:180 Resp: 311864
Ion Ratio Lower Upper
180 100
182 95.2 0.0 190.8
145 36.2 0.0 65.0

