

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077271.D
 Acq On : 07 Apr 2023 11:11
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 07 11:30:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 11:25:40 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	66958	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	510020	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	571397	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	172061	27.957	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.200%
60) 4-Bromofluorobenzene	12.854	95	318428	29.445	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.133%
63) Toluene-d8	10.572	98	601863	29.947	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.833%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.131	85	937871	109.457	ug/l	97
3) Chloromethane	2.372	50	1042824	133.157	ug/l	97
4) Vinyl Chloride	2.519	62	1563276	218.897	ug/l	93
5) Bromomethane	2.913	94	1061442	232.416	ug/l	92
6) Chloroethane	3.102	64	1033390	246.251	ug/l	95
7) Trichlorofluoromethane	3.496	101	1537949	115.277	ug/l	99
8) Diethyl Ether	3.966	74	661925	132.298	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.372	101	982834	130.036	ug/l	99
10) 1,1-Dichloroethene	4.343	96	987104	134.556	ug/l	87
11) Methyl Iodide	4.596	142	1261746	142.740	ug/l	90
12) Methyl Acetate	5.031	43	1497714m	124.127	ug/l	
13) Acrolein	4.184	56	966293	541.711	ug/l	99
14) Acrylonitrile	5.731	53	2621903	659.638	ug/l	98
15) Acetone	4.431	58	792394	732.523	ug/l	77
16) Carbon Disulfide	4.719	76	2610654	128.342	ug/l	98
17) Allyl chloride	5.031	41	1252155	113.800	ug/l	84
18) Methylene Chloride	5.284	84	1137791	132.597	ug/l #	78
19) trans-1,2-Dichloroethene	5.790	96	1096690	141.874	ug/l	92
20) Diisopropyl ether	6.678	45	3066046	123.519	ug/l #	87
21) 1,1-Dichloroethane	6.572	63	1969762	133.346	ug/l	99
22) cis-1,2-Dichloroethene	7.489	96	1352349	152.660	ug/l	89
23) tert-Butyl Alcohol	5.537	59	1088472m	942.911	ug/l	
24) Methyl tert-Butyl Ether	5.801	73	3650466m	152.625	ug/l	
25) Chloroform	7.972	83	2082684	137.250	ug/l	99
26) Cyclohexane	8.260	56	1648850	122.256	ug/l #	76
29) 1,1-Dichloropropene	8.372	75	1575432	131.144	ug/l	97
30) 2-Butanone	7.489	43	3394753	619.396	ug/l #	85
31) 2,2-Dichloropropane	7.495	77	1914528	160.858	ug/l #	59
32) 1,1,1-Trichloroethane	8.172	97	1918317	136.903	ug/l	94
33) Carbon Tetrachloride	8.366	117	1618893	130.663	ug/l	97
34) Benzene	8.607	78	4716468	128.065	ug/l	95
35) Methacrylonitrile	7.784	41	700637	113.608	ug/l	82
36) 1,2-Dichloroethane	8.678	62	1512460	122.521	ug/l	97
37) Trichloroethene	9.354	130	1162284	128.046	ug/l	95
38) Methylcyclohexane	9.601	83	2105135	140.785	ug/l	91
39) 1,2-Dichloropropane	9.625	63	1167594	123.391	ug/l	96
40) Dibromomethane	9.707	93	854004	141.663	ug/l	96
41) Bromodichloromethane	9.889	83	1702370	137.793	ug/l	100
42) Vinyl Acetate	6.607	43	10665264m	624.267	ug/l	

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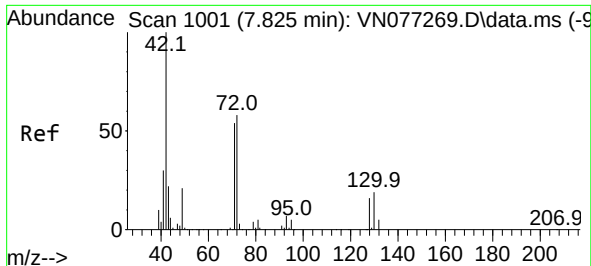
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	1340711	121.232	ug/l	99
44) Isopropyl Acetate	8.689	43	2377240	132.605	ug/l	90
45) 1,4-Dioxane	9.701	88	494741	3280.462	ug/l #	86
46) Methyl methacrylate	9.683	41	1046435	119.862	ug/l	77
47) n-amyl Acetate	12.495	43	2252101	154.366	ug/l	97
48) t-1,3-Dichloropropene	10.836	75	2008290	162.295	ug/l	99
49) cis-1,3-Dichloropropene	10.313	75	2071747	147.406	ug/l #	88
50) 1,1,2-Trichloroethane	11.019	97	1228775	139.134	ug/l	96
51) Ethyl methacrylate	10.877	69	1982655	152.280	ug/l	83
52) 1,3-Dichloropropane	11.166	76	2052489	134.553	ug/l	100
53) Dibromochloromethane	11.360	129	1342517	149.008	ug/l	99
54) 1,2-Dibromoethane	11.472	107	1258415	147.659	ug/l	99
55) 2-Chloroethyl vinyl ether	10.166	63	3603303	789.352	ug/l	97
56) Bromoform	12.577	173	932385	154.686	ug/l	98
58) 4-Methyl-2-Pentanone	10.448	43	7073800	612.823	ug/l #	83
59) 2-Hexanone	11.195	43	5302156	646.616	ug/l #	84
61) Tetrachloroethene	11.107	164	896243	99.358	ug/l	90
62) Toluene	10.630	91	5474790	139.050	ug/l	100
64) Chlorobenzene	11.895	112	3330815	143.716	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.966	131	1219664	140.111	ug/l	95
66) Ethyl Benzene	11.966	91	6219163	145.488	ug/l	96
67) m/p-Xylenes	12.072	106	4808345	296.954	ug/l	98
68) o-Xylene	12.401	106	2405414	152.158	ug/l	98
69) Styrene	12.413	104	4062020	158.430	ug/l	99
70) Isopropylbenzene	12.695	105	6245761	151.844	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	1879893	151.579	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	1359708m	119.515	ug/l	
73) Bromobenzene	12.983	156	1260226	135.769	ug/l	91
74) n-propylbenzene	13.042	91	7286628	150.081	ug/l	98
75) 2-Chlorotoluene	13.130	91	4249757	141.539	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	5210551	146.355	ug/l	95
77) t-1,4-Dichloro-2-butene	12.736	75	705478	203.137	ug/l	84
78) 4-Chlorotoluene	13.224	91	4205289	145.294	ug/l	96
79) tert-butylbenzene	13.442	119	4465086	149.974	ug/l	97
80) 1,2,4-Trimethylbenzene	13.483	105	5237454	149.695	ug/l	96
81) sec-Butylbenzene	13.618	105	6667764	156.532	ug/l	99
82) p-Isopropyltoluene	13.730	119	5501219	159.791	ug/l	97
83) 1,3-Dichlorobenzene	13.736	146	2559087	149.006	ug/l	98
84) 1,4-Dichlorobenzene	13.813	146	2546959	152.672	ug/l	95
85) n-Butylbenzene	14.060	91	5059047	173.364	ug/l	98
86) Hexachloroethane	14.336	117	1097687	178.573	ug/l	93
87) 1,2-Dichlorobenzene	14.107	146	2544585	148.575	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.724	75	386174	159.870	ug/l	92
89) 1,2,4-Trichlorobenzene	15.371	180	1284363	140.582	ug/l	97
90) Hexachlorobutadiene	15.465	225	523993	108.791	ug/l	96
91) Naphthalene	15.589	128	4770188	164.620	ug/l	98
92) 1,2,3-Trichlorobenzene	15.754	180	1203410m	131.392	ug/l	

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



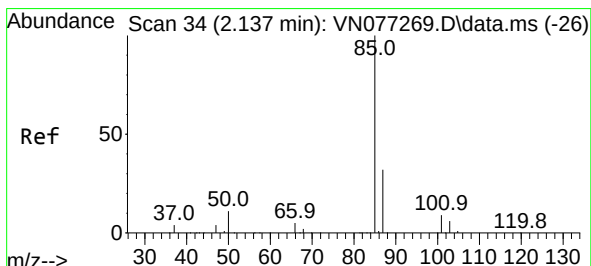
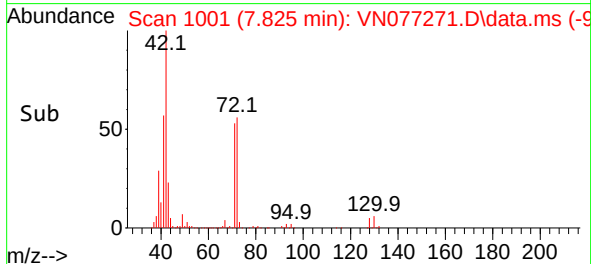
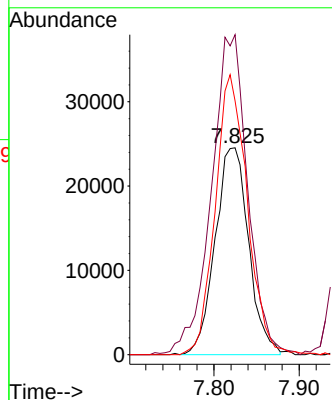
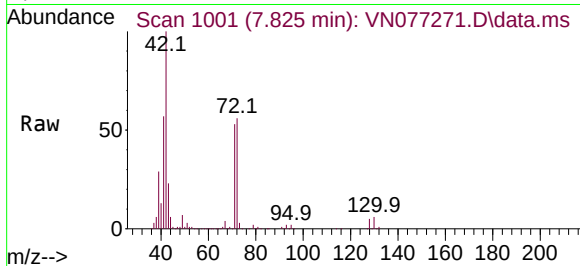
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 66958
Ion Ratio Lower Upper
128 100
49 167.8 0.0 461.8
130 129.9 0.0 295.3

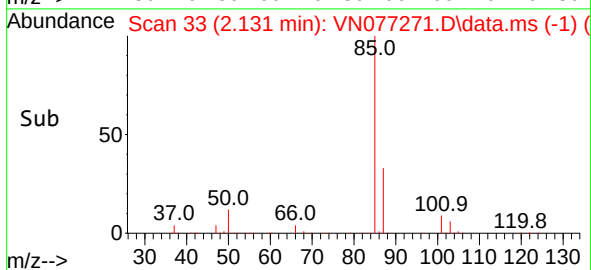
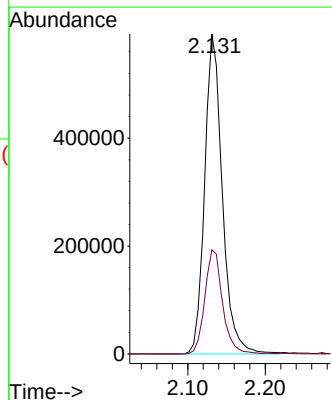
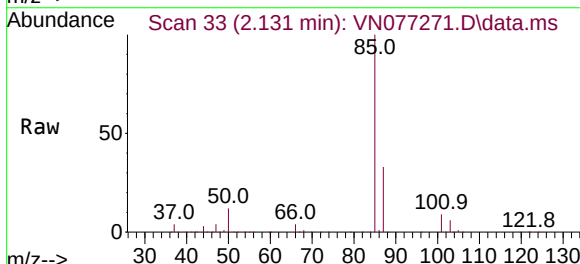
Manual Integrations
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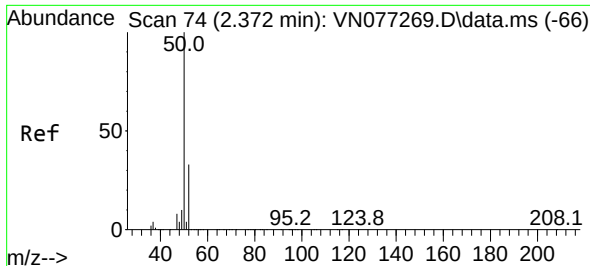
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#2
Dichlorodifluoromethane
Concen: 109.457 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.012 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

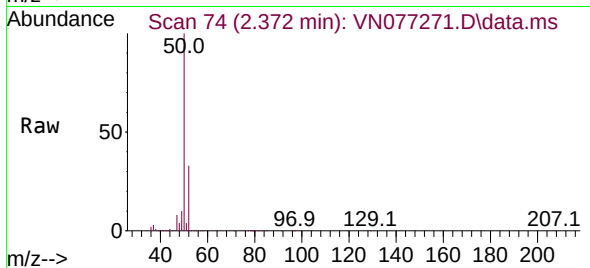
Tgt Ion: 85 Resp: 937871
Ion Ratio Lower Upper
85 100
87 32.6 15.4 46.1





#3
Chloromethane
Concen: 133.157 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

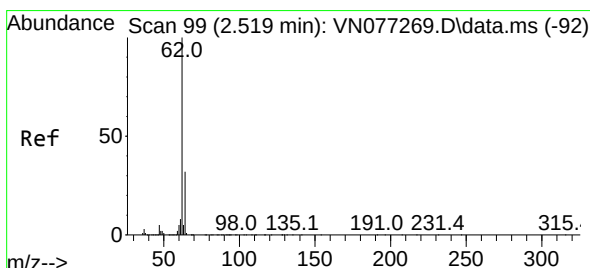
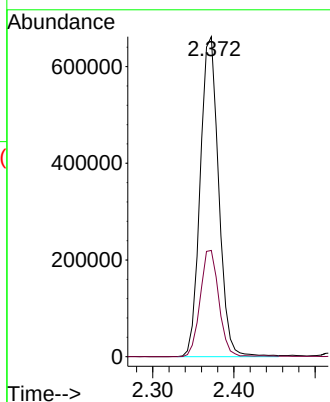
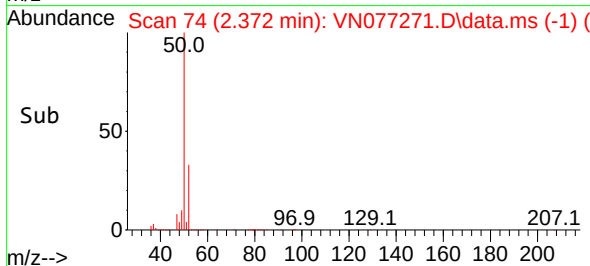
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



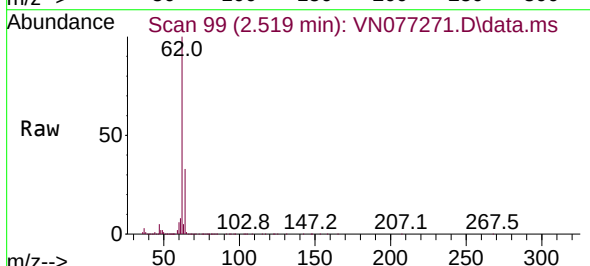
Tgt Ion: 50 Resp: 1042824
Ion Ratio Lower Upper
50 100
52 33.2 25.3 37.9

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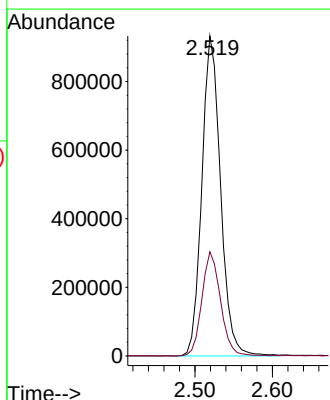
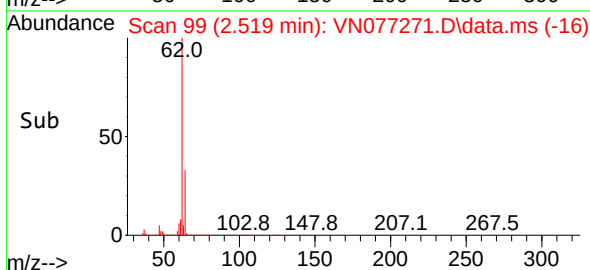
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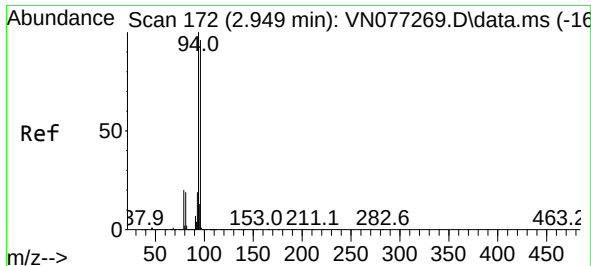


#4
Vinyl Chloride
Concen: 218.897 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.012 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11



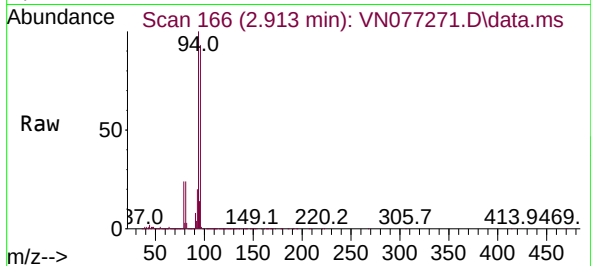
Tgt Ion: 62 Resp: 1563276
Ion Ratio Lower Upper
62 100
64 32.5 23.1 34.7





#5
Bromomethane
Concen: 232.416 ug/l
RT: 2.913 min Scan# 10
Delta R.T. -0.059 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

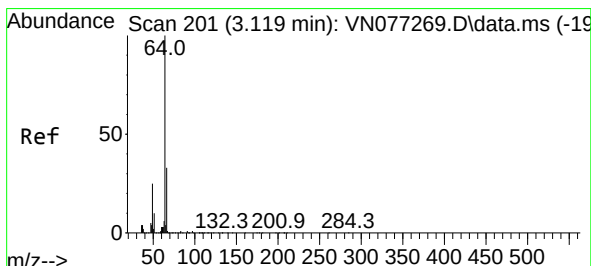
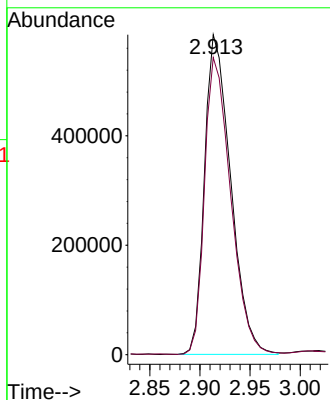
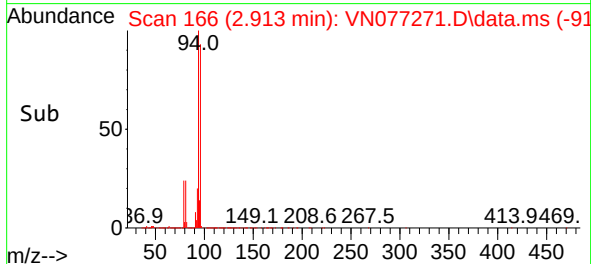
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



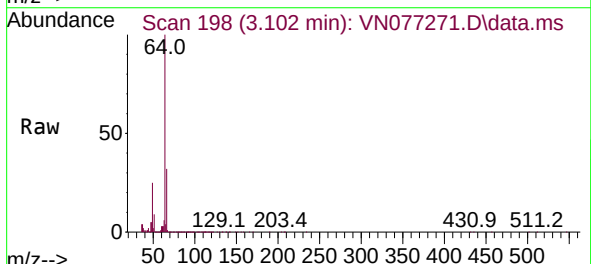
Tgt Ion: 94 Resp: 106144
Ion Ratio Lower Upper
94 100
96 92.8 68.6 103.0

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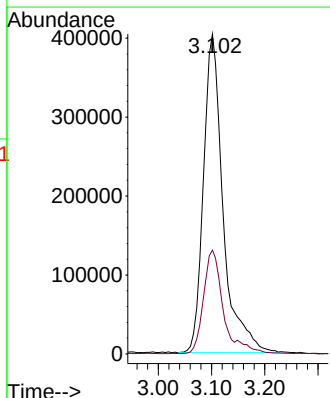
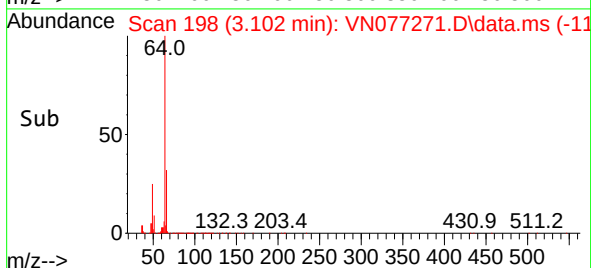
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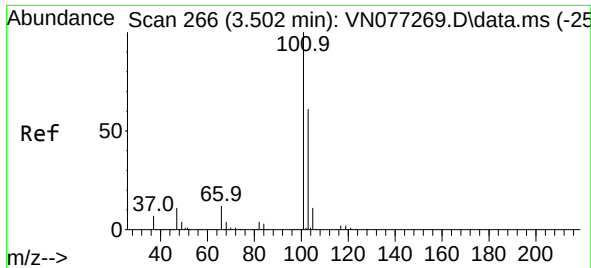


#6
Chloroethane
Concen: 246.251 ug/l
RT: 3.102 min Scan# 198
Delta R.T. -0.035 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11



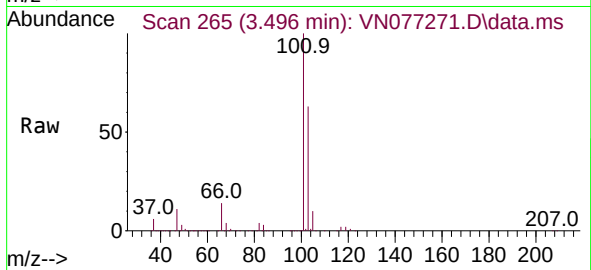
Tgt Ion: 64 Resp: 1033390
Ion Ratio Lower Upper
64 100
66 32.4 23.8 35.6





#7
 Trichlorofluoromethane
 Concen: 115.277 ug/l
 RT: 3.496 min Scan# 265
 Delta R.T. -0.017 min
 Lab File: VN077271.D
 Acq: 07 Apr 2023 11:11

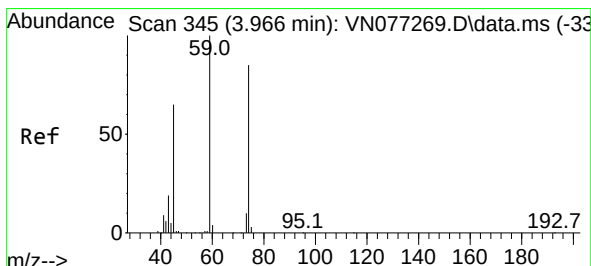
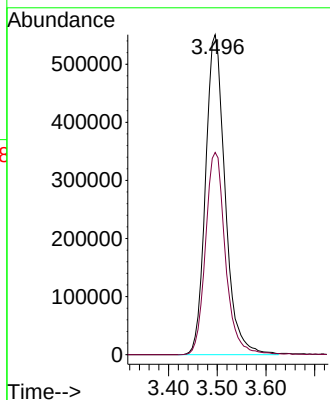
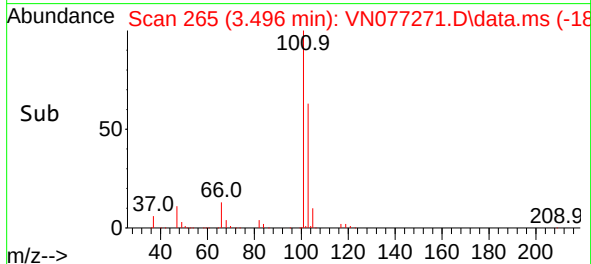
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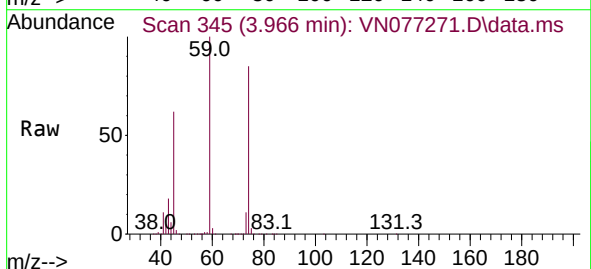
Tgt Ion:101 Resp: 1537949
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.2 75.2

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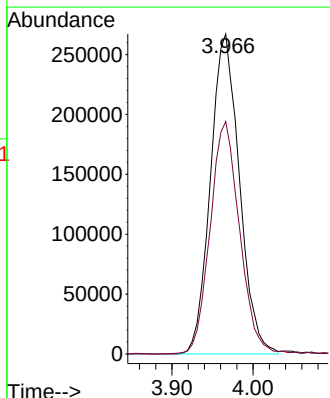
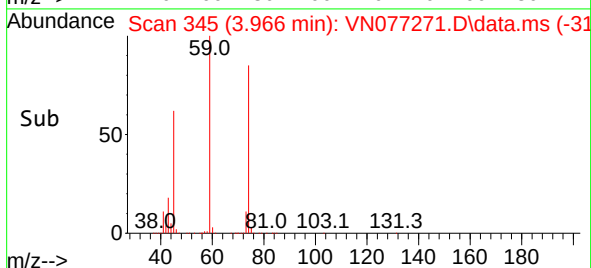
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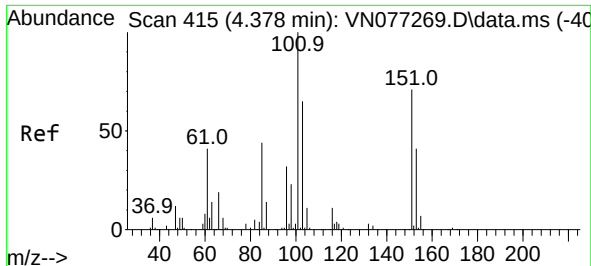


#8
 Diethyl Ether
 Concen: 132.298 ug/l
 RT: 3.966 min Scan# 345
 Delta R.T. -0.006 min
 Lab File: VN077271.D
 Acq: 07 Apr 2023 11:11



Tgt Ion: 74 Resp: 661925
 Ion Ratio Lower Upper
 74 100
 45 73.2 21.4 193.0





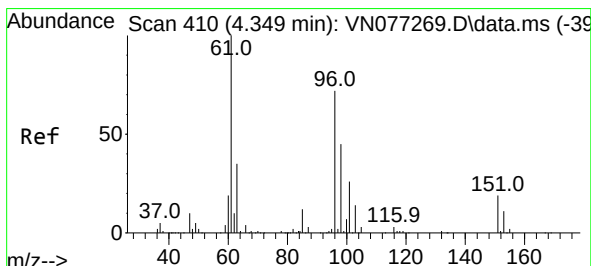
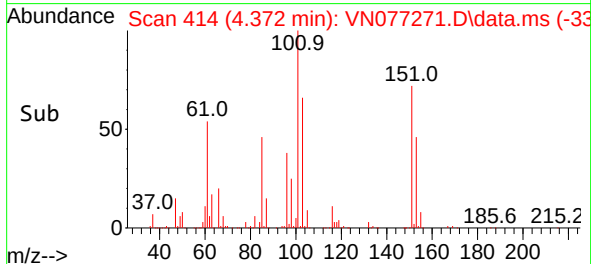
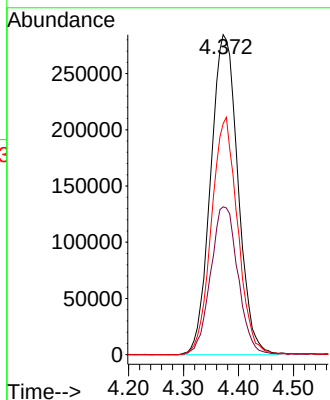
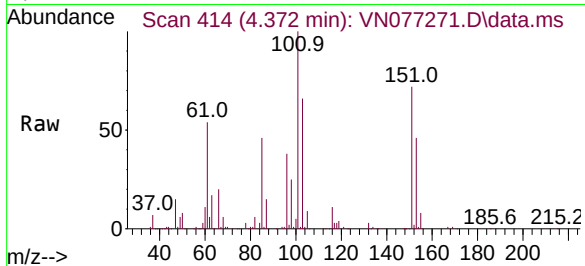
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1,1,2-Trichlorotrifluoroethane
Concen: 130.036 ug/l
RT: 4.372 min Scan# 415
Delta R.T. -0.018 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 982834
Ion Ratio Lower Upper
101 100
85 46.3 0.0 95.2
151 71.1 0.0 142.2

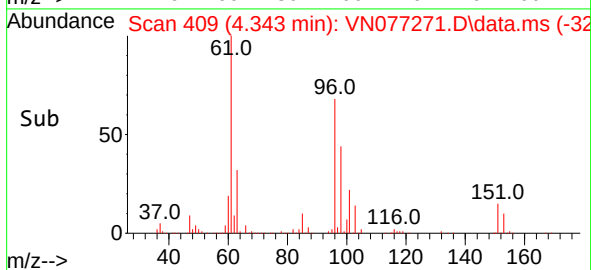
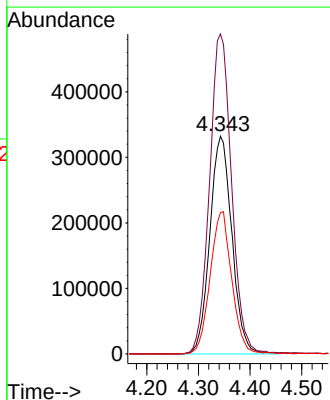
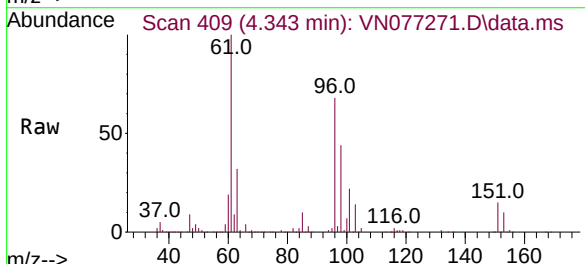
Manual Integrations
APPROVED

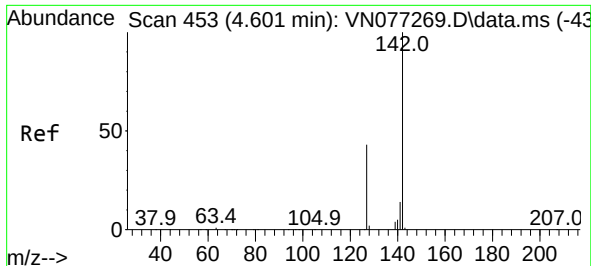
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#10
1,1-Dichloroethene
Concen: 134.556 ug/l
RT: 4.343 min Scan# 409
Delta R.T. -0.011 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

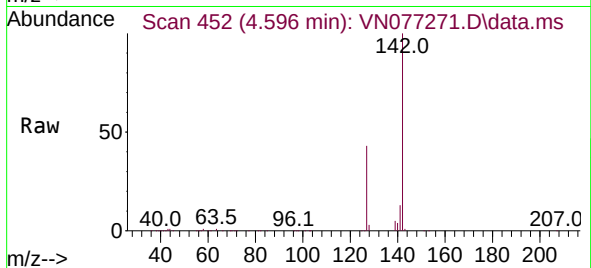
Tgt Ion: 96 Resp: 987104
Ion Ratio Lower Upper
96 100
61 146.9 137.1 205.7
98 64.9 53.2 79.8





#11
Methyl Iodide
Concen: 142.740 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.011 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

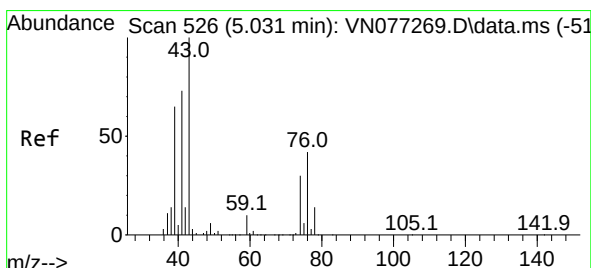
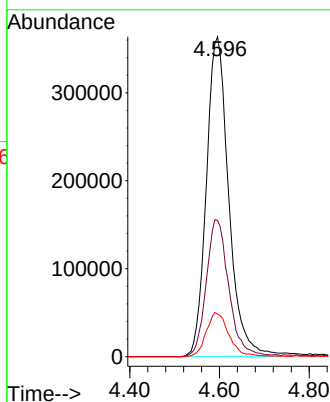
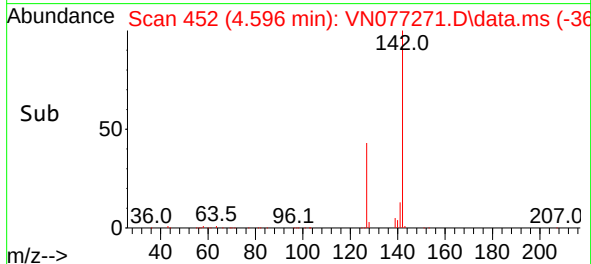
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:142 Resp: 1261740
Ion Ratio Lower Upper
142 100
127 42.6 25.0 75.0
141 13.3 8.0 24.0

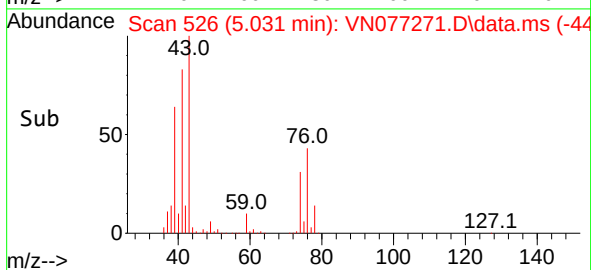
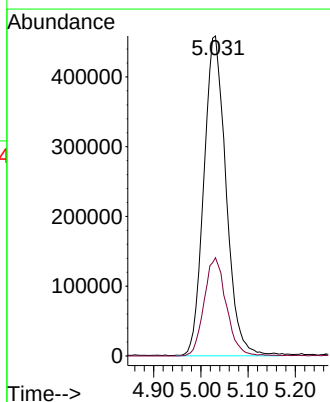
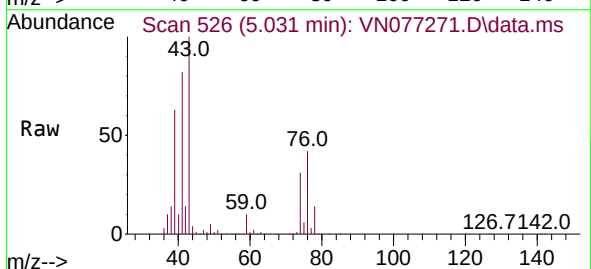
Manual Integrations
APPROVED

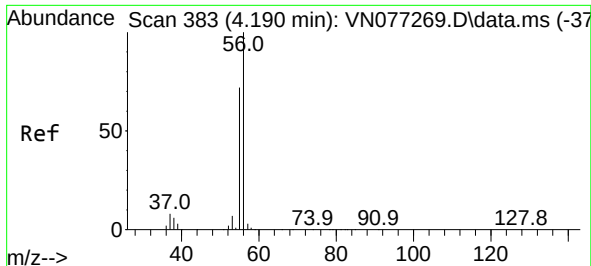
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#12
Methyl Acetate
Concen: 124.127 ug/l m
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

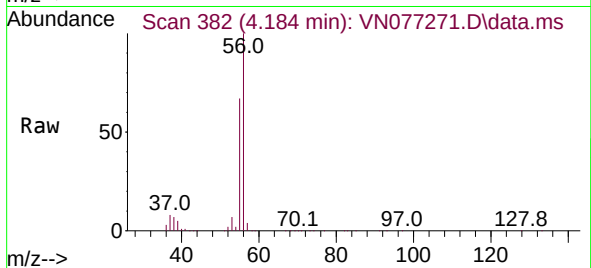
Tgt Ion: 43 Resp: 1497714
Ion Ratio Lower Upper
43 100
74 30.7 19.0 28.4#





#13
Acrolein
Concen: 541.711 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

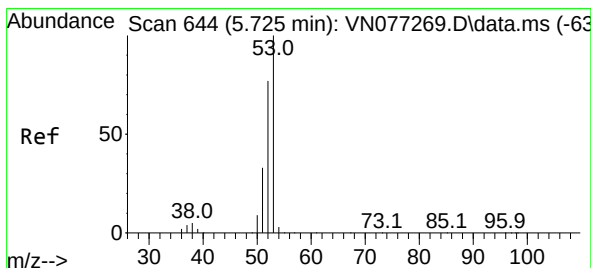
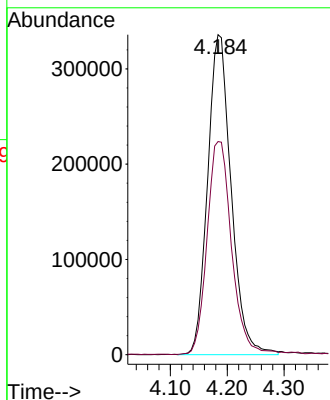
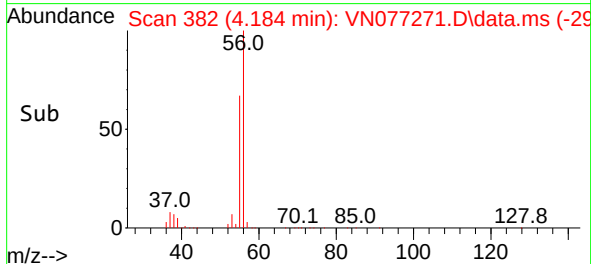
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 966293
Ion Ratio Lower Upper
56 100
55 69.2 55.0 82.4

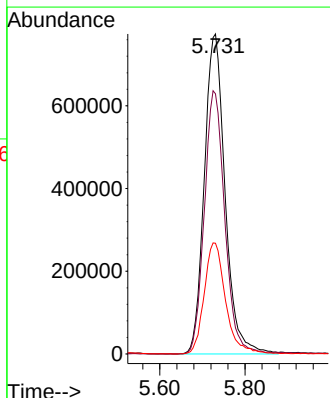
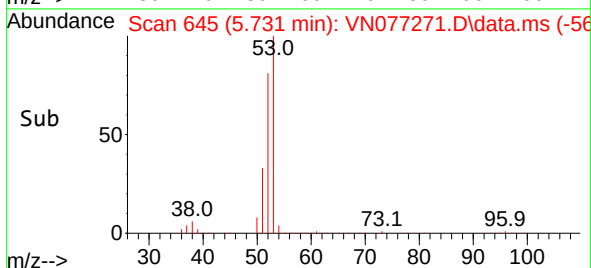
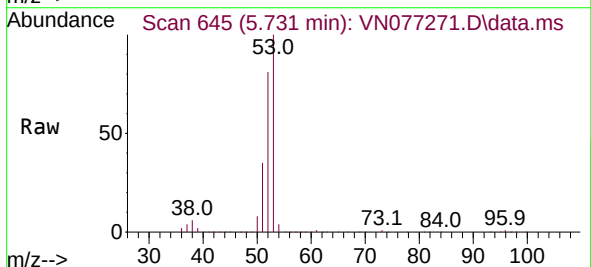
Manual Integrations
APPROVED

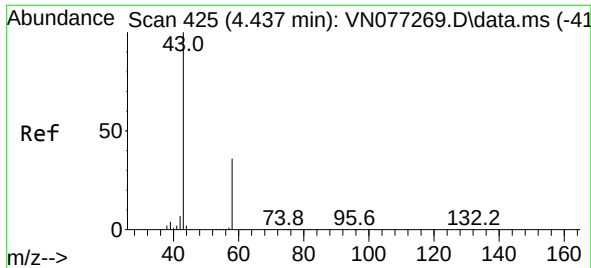
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#14
Acrylonitrile
Concen: 659.638 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

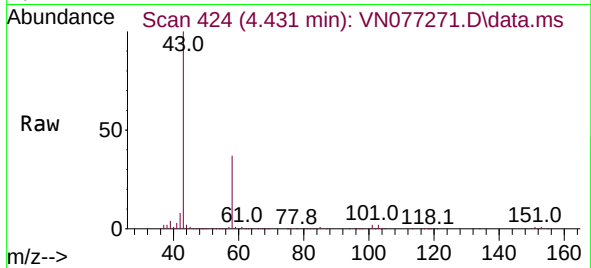
Tgt Ion: 53 Resp: 2621903
Ion Ratio Lower Upper
53 100
52 80.9 41.5 124.6
51 35.7 17.6 52.8





#15
Acetone
Concen: 732.523 ug/l
RT: 4.431 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

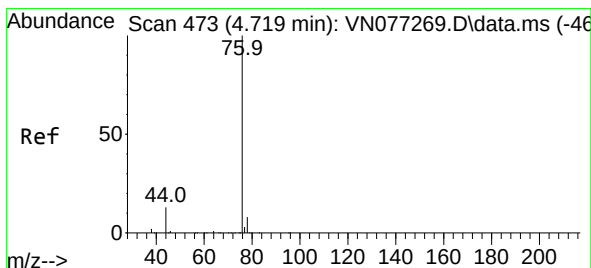
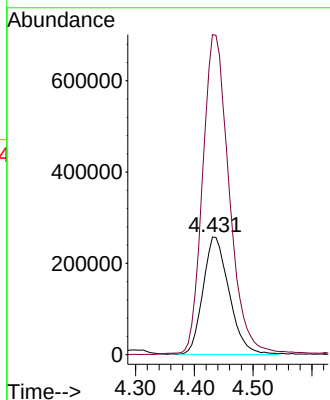
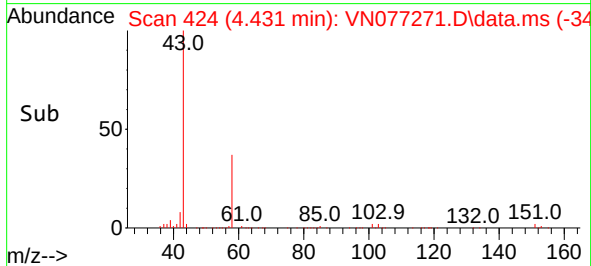
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 58 Resp: 792394
Ion Ratio Lower Upper
58 100
43 271.9 255.4 383.0

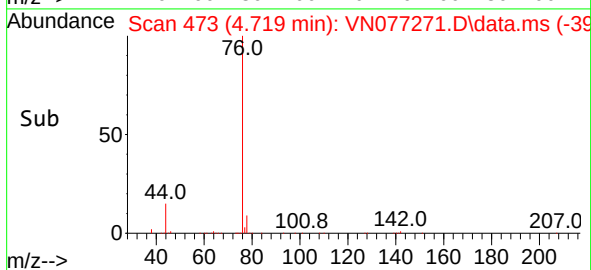
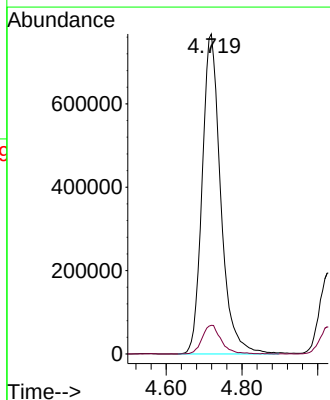
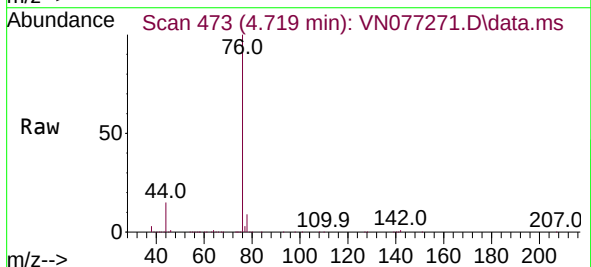
Manual Integrations
APPROVED

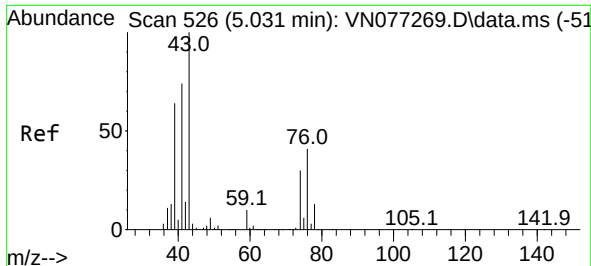
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#16
Carbon Disulfide
Concen: 128.342 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.012 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

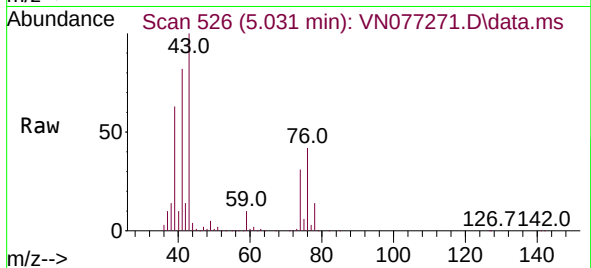
Tgt Ion: 76 Resp: 2610654
Ion Ratio Lower Upper
76 100
78 8.9 6.6 9.8





#17
 Allyl chloride
 Concen: 113.800 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN077271.D
 Acq: 07 Apr 2023 11:11

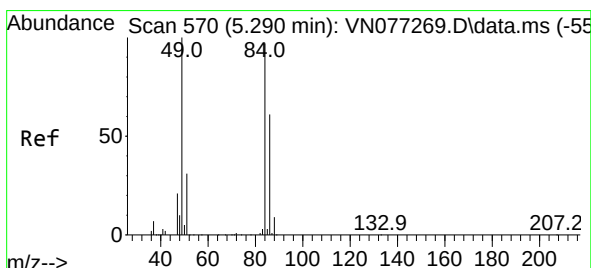
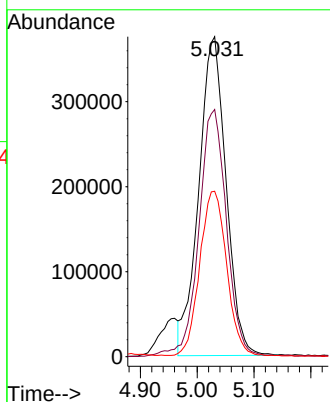
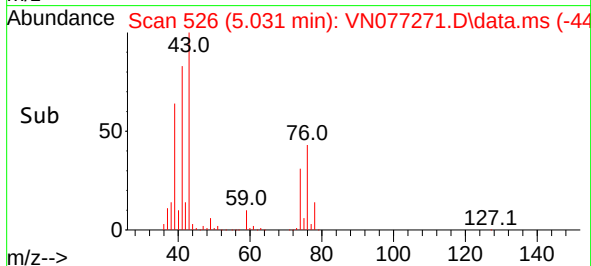
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



Tgt Ion: 41 Resp: 125215
 Ion Ratio Lower Upper
 41 100
 39 77.4 34.8 104.3
 76 51.6 17.5 52.5

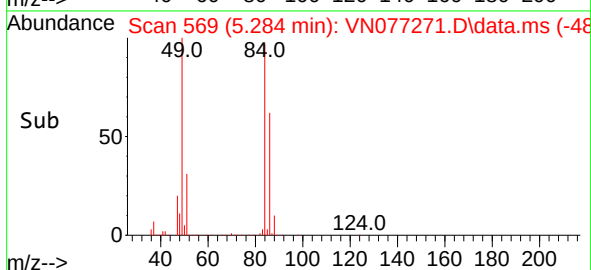
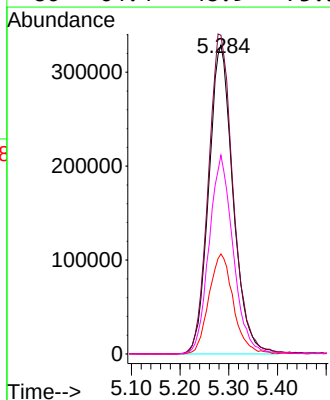
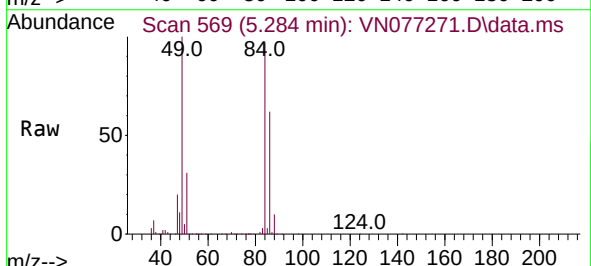
Manual Integrations
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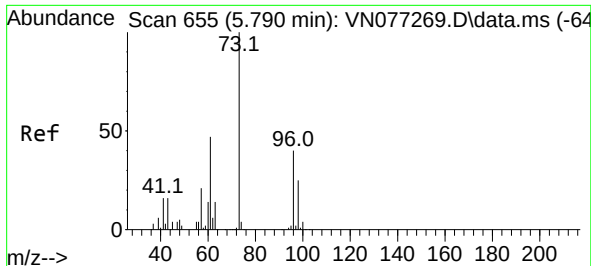
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023



#18
 Methylene Chloride
 Concen: 132.597 ug/l
 RT: 5.284 min Scan# 569
 Delta R.T. -0.011 min
 Lab File: VN077271.D
 Acq: 07 Apr 2023 11:11

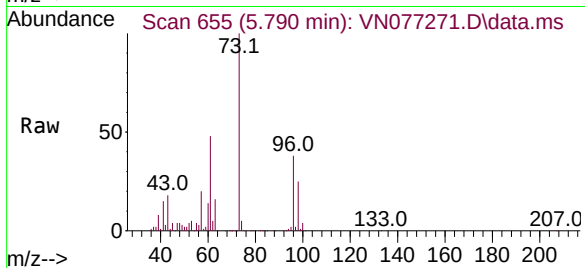
Tgt Ion: 84 Resp: 1137791
 Ion Ratio Lower Upper
 84 100
 49 103.1 113.8 170.6#
 51 32.3 34.2 51.4#
 86 64.4 48.9 73.3





#19
trans-1,2-Dichloroethene
Concen: 141.874 ug/l
RT: 5.790 min Scan# 61
Delta R.T. -0.011 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

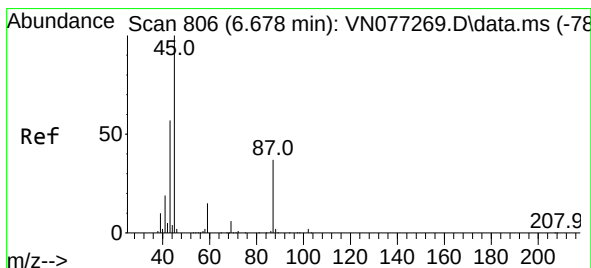
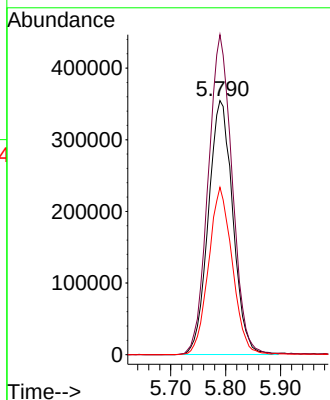
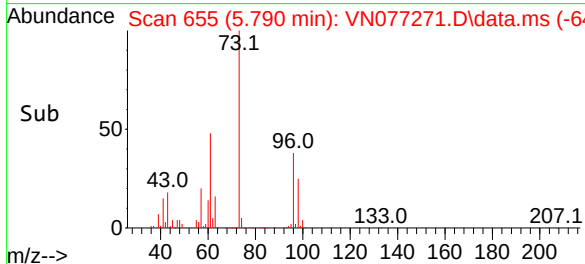
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 1096690
Ion Ratio Lower Upper
96 100
61 125.9 111.0 166.4
98 65.8 55.0 82.6

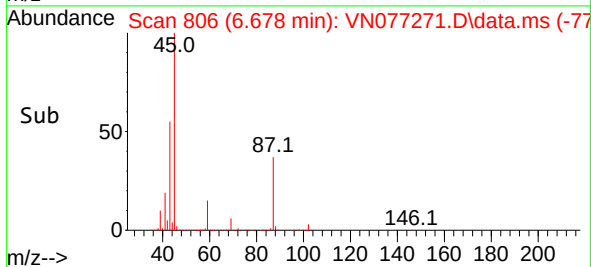
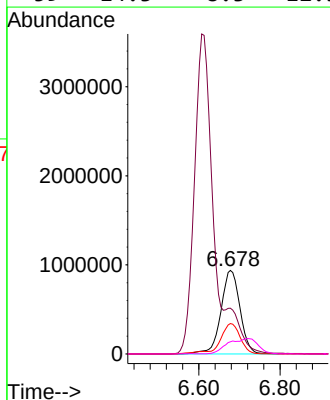
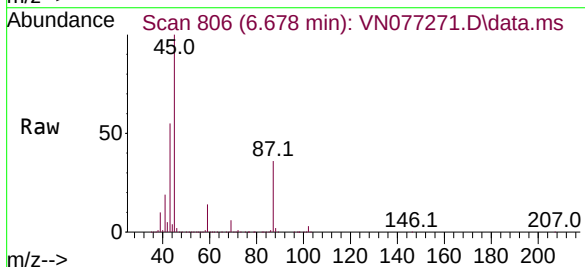
Manual Integrations
APPROVED

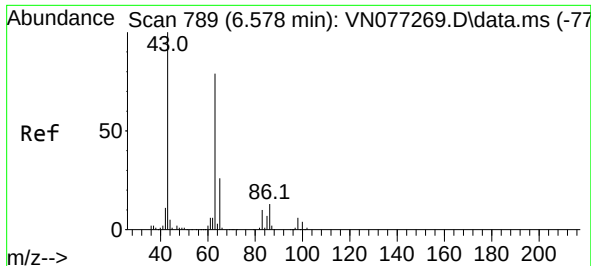
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#20
Diisopropyl ether
Concen: 123.519 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.011 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

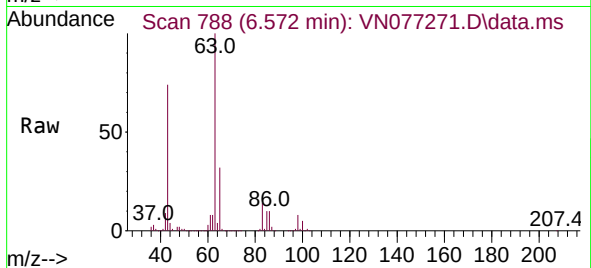
Tgt Ion: 45 Resp: 3066046
Ion Ratio Lower Upper
45 100
43 53.9 38.6 58.0
87 36.4 20.1 30.1#
59 14.3 8.3 12.5#





#21
1,1-Dichloroethane
Concen: 133.346 ug/l
RT: 6.572 min Scan# 788
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

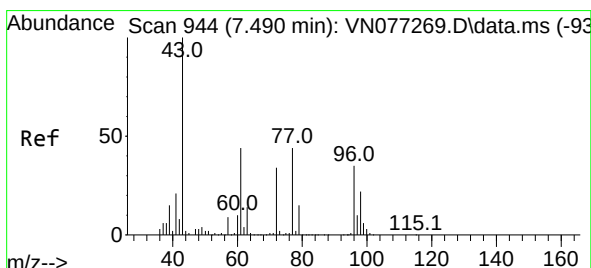
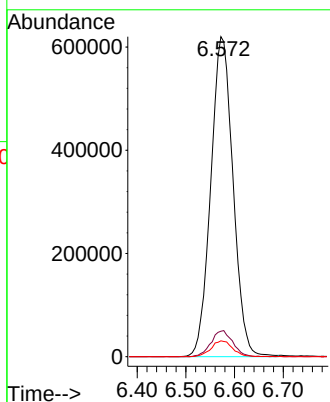
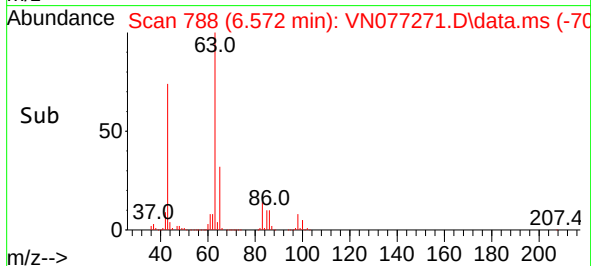
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 63 Resp: 196976
Ion Ratio Lower Upper
63 100
98 8.0 3.6 10.9
100 4.9 2.6 7.8

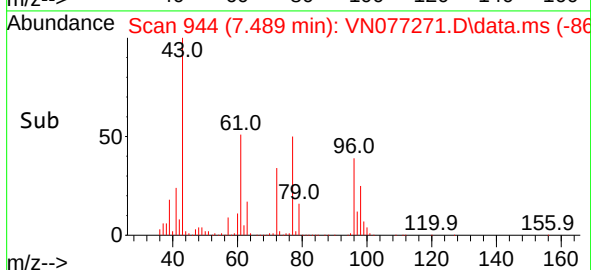
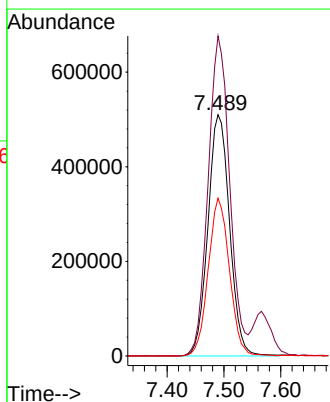
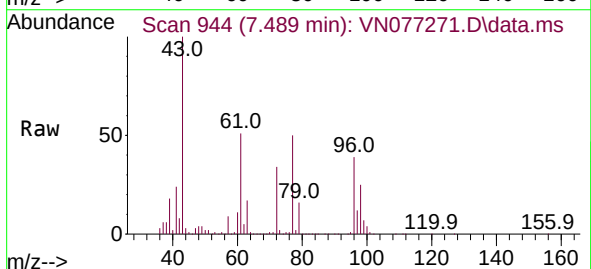
Manual Integrations
APPROVED

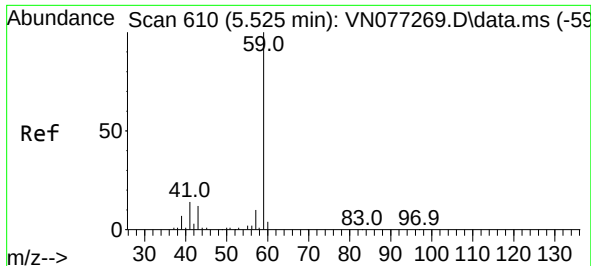
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#22
cis-1,2-Dichloroethene
Concen: 152.660 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 96 Resp: 1352349
Ion Ratio Lower Upper
96 100
61 132.3 121.0 181.4
98 63.9 50.1 75.1





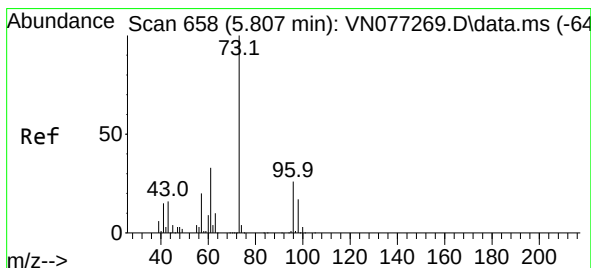
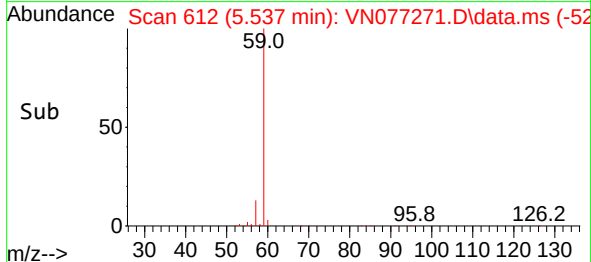
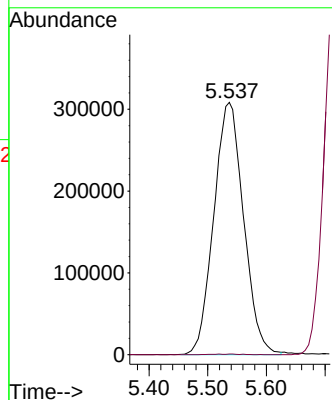
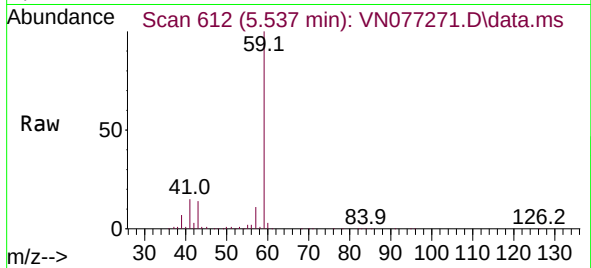
#23
tert-Butyl Alcohol
Concen: 942.911 ug/l m
RT: 5.537 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 1088472
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.25

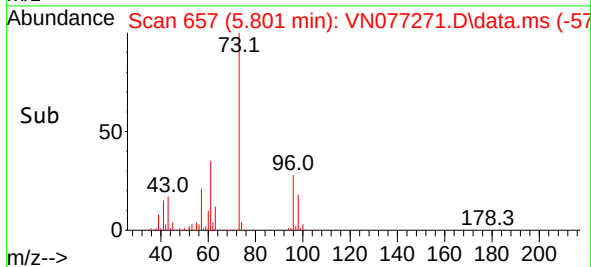
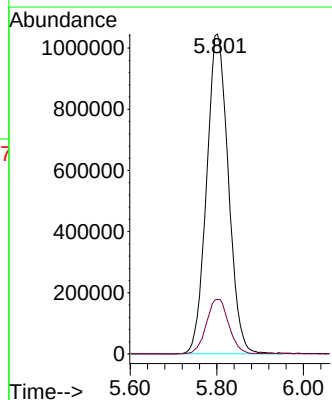
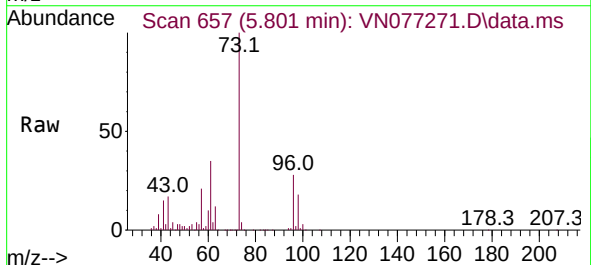
Manual Integrations
APPROVED

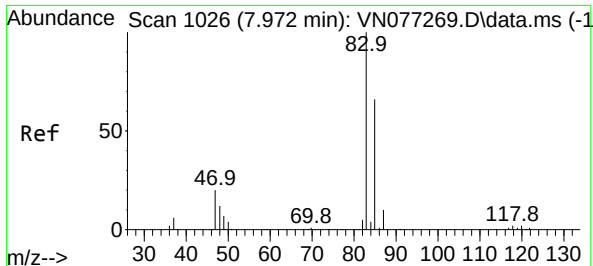
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#24
Methyl tert-Butyl Ether
Concen: 152.625 ug/l m
RT: 5.801 min Scan# 657
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

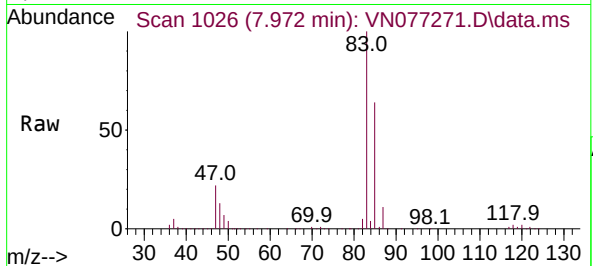
Tgt Ion: 73 Resp: 3650466
Ion Ratio Lower Upper
73 100
43 0.0 17.8 26.6#





#25
Chloroform
Concen: 137.250 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

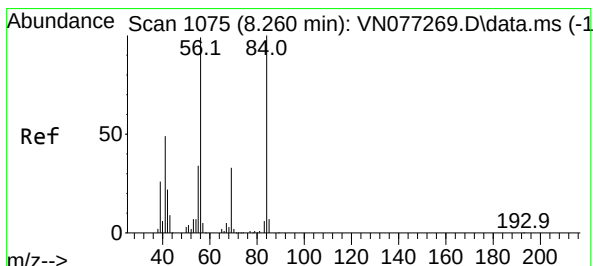
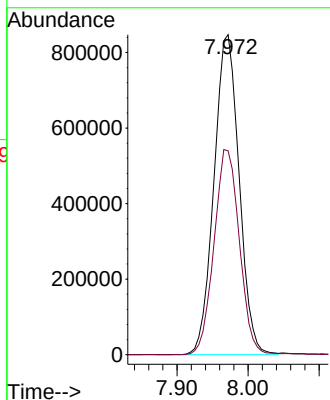
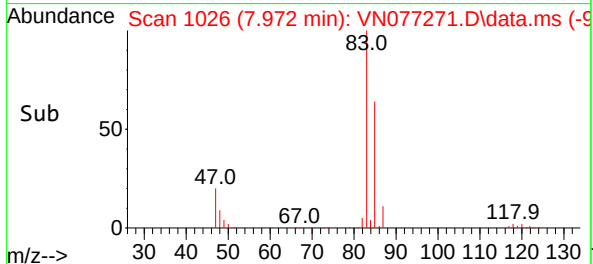
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 2082684
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.6

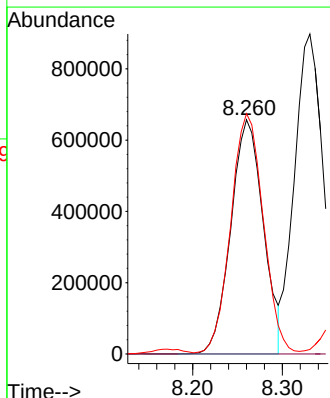
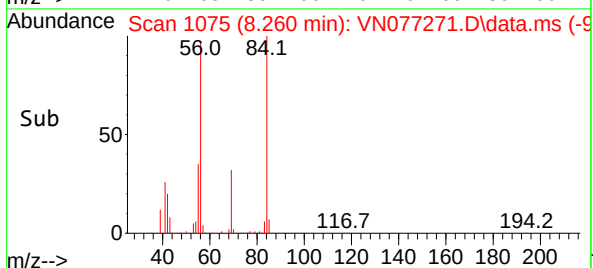
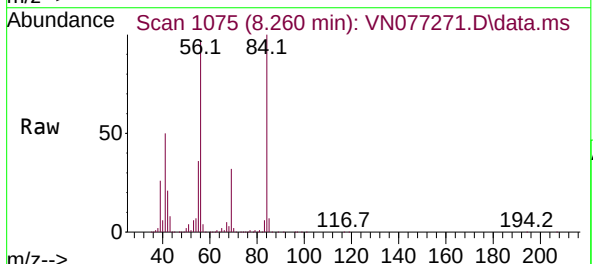
Manual Integrations
APPROVED

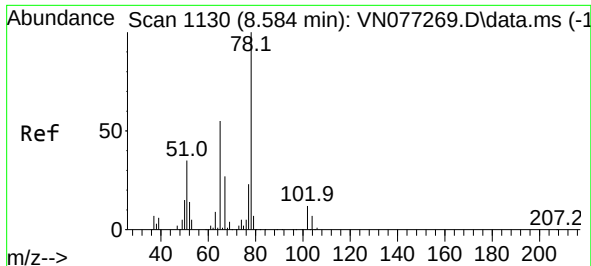
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#26
Cyclohexane
Concen: 122.256 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 56 Resp: 1648850
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 103.0 65.3 97.9#





#27

1,2-Dichloroethane-d4

Concen: 27.957 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 17206

Ion Ratio Lower Upper

65 100

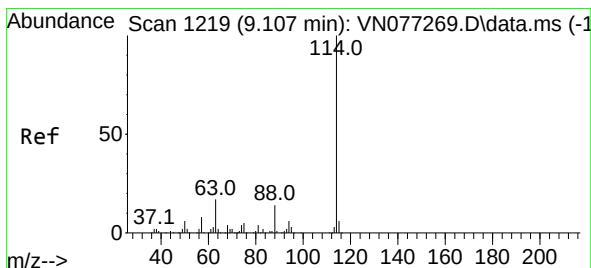
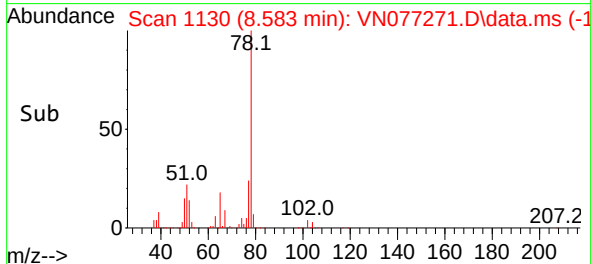
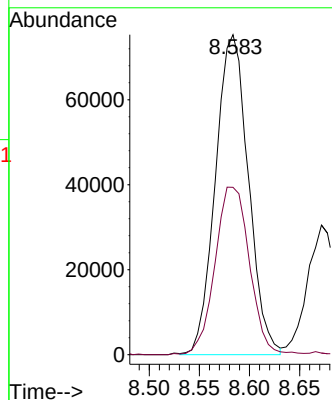
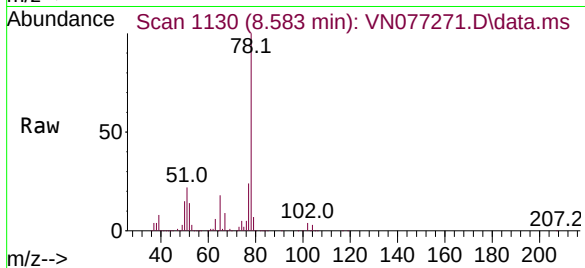
67 54.6 40.9 61.3

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: VN077271.D

Acq: 07 Apr 2023 11:11

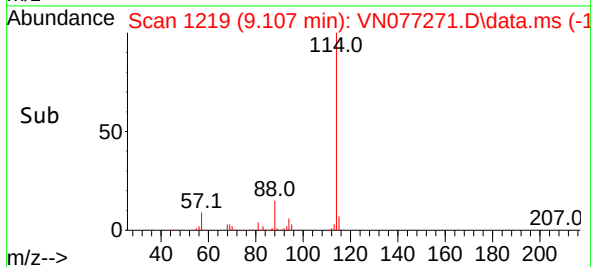
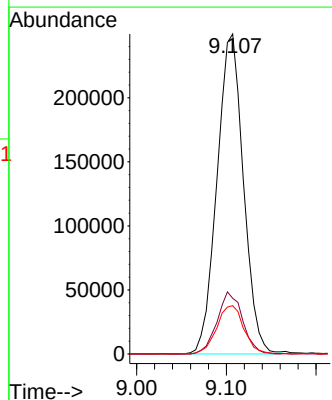
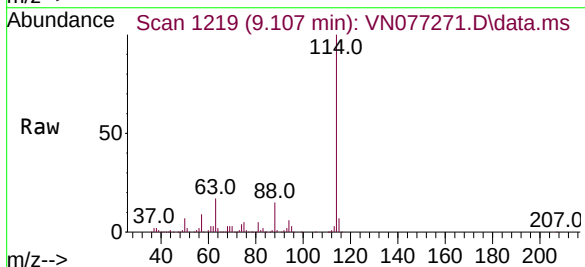
Tgt Ion:114 Resp: 510020

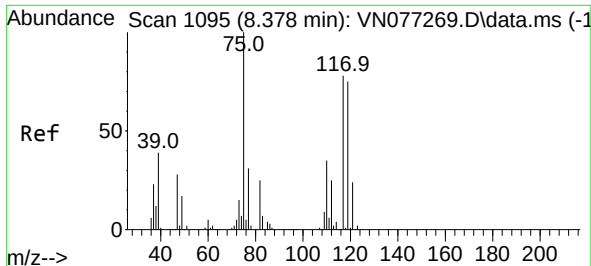
Ion Ratio Lower Upper

114 100

63 18.7 17.0 25.4

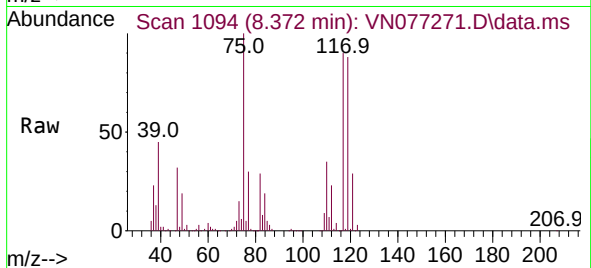
88 15.5 11.6 17.4





#29
1,1-Dichloropropene
Concen: 131.144 ug/l
RT: 8.372 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

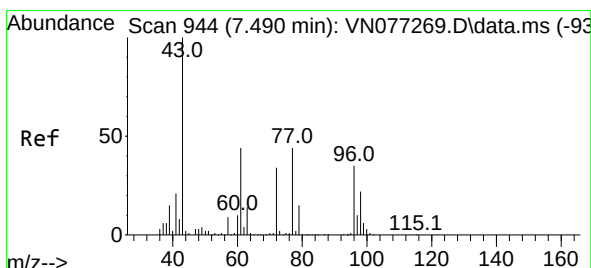
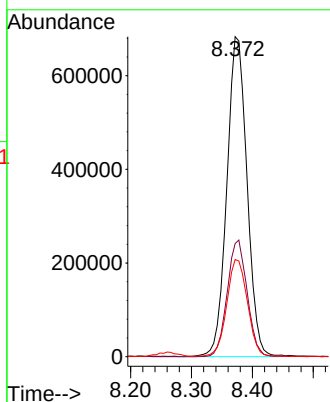
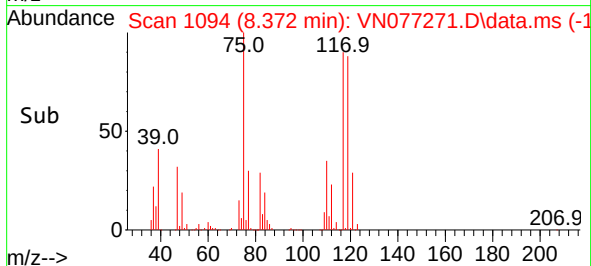
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 75 Resp: 157543
Ion Ratio Lower Upper
75 100
110 35.9 0.0 67.2
77 30.8 0.0 64.4

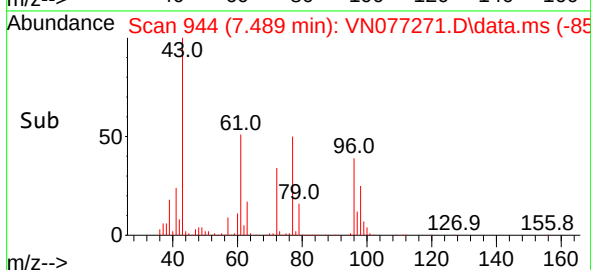
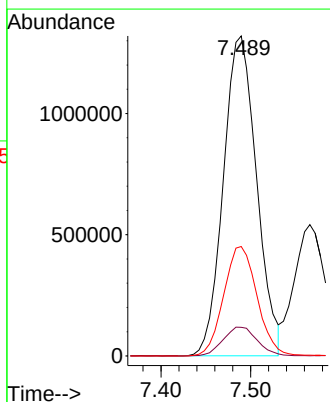
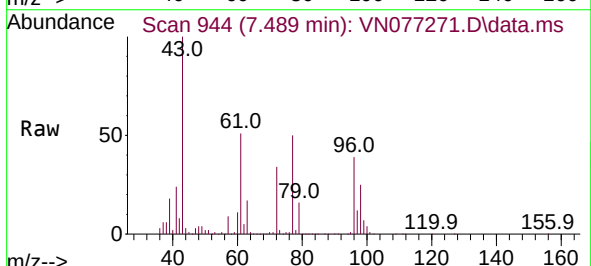
Manual Integrations
APPROVED

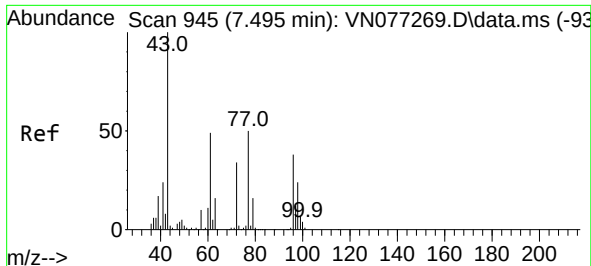
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#30
2-Butanone
Concen: 619.396 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 43 Resp: 3394753
Ion Ratio Lower Upper
43 100
57 9.2 6.1 9.1#
72 34.5 20.2 30.4#





#31

2,2-Dichloropropane

Concen: 160.858 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.006 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 77 Resp: 1914528

Ion Ratio Lower Upper

77 100

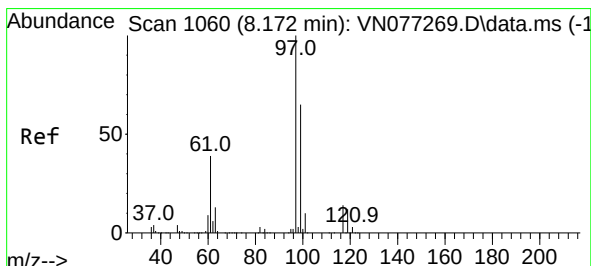
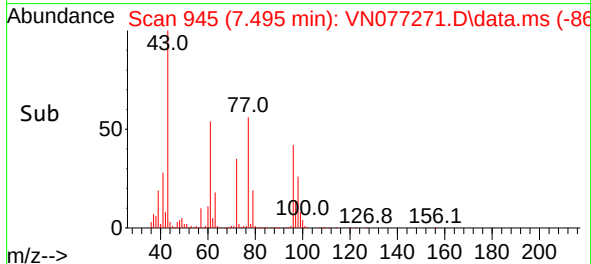
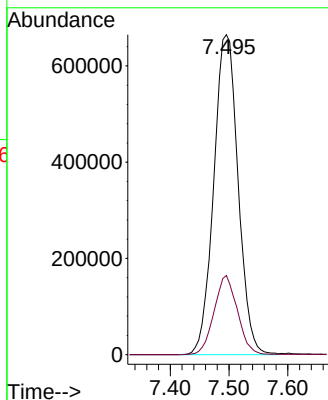
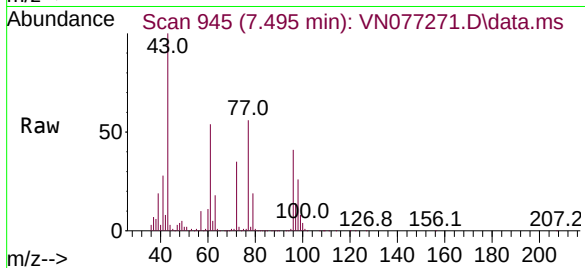
97 23.7 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#32

1,1,1-Trichloroethane

Concen: 136.903 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

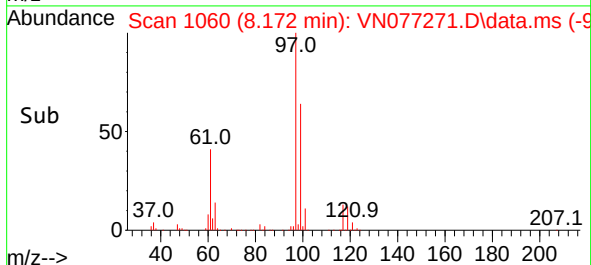
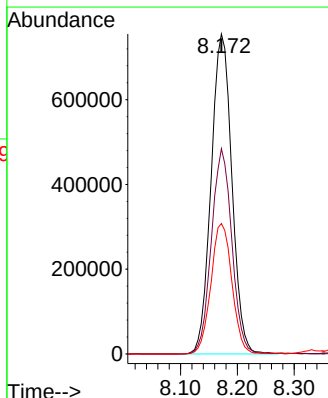
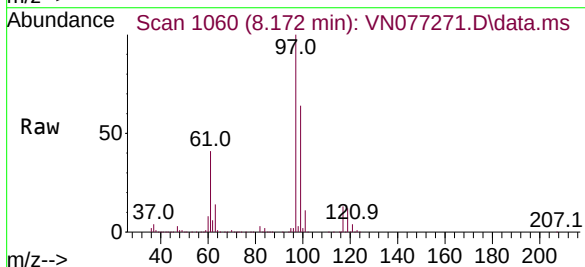
Tgt Ion: 97 Resp: 1918317

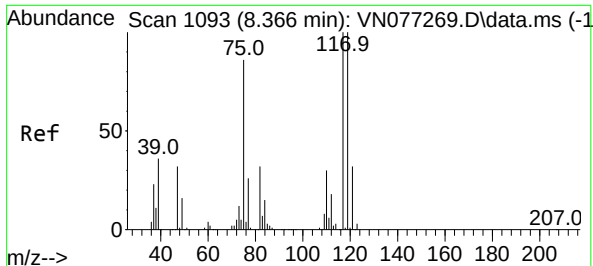
Ion Ratio Lower Upper

97 100

99 63.1 51.8 77.8

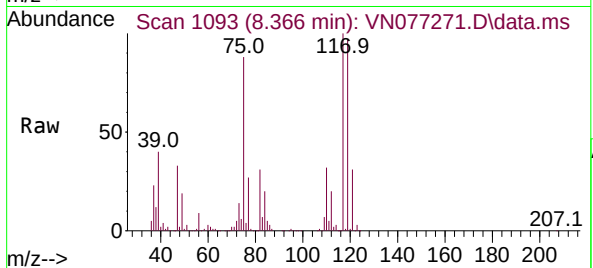
61 41.1 39.3 58.9





#33
Carbon Tetrachloride
Concen: 130.663 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

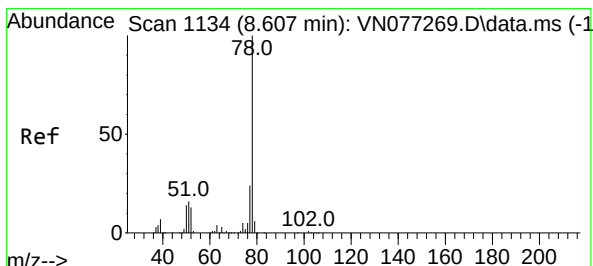
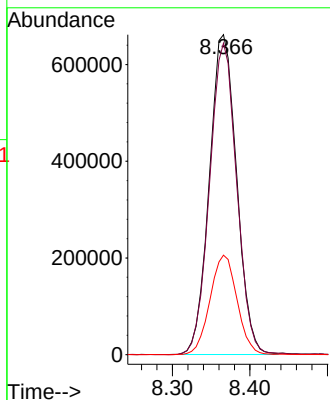
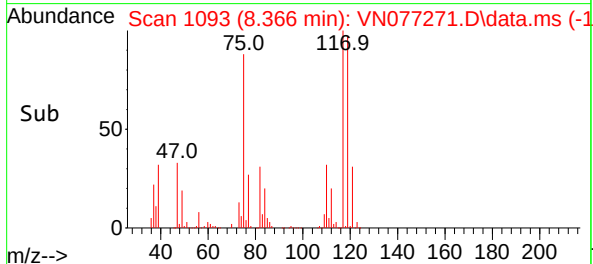
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



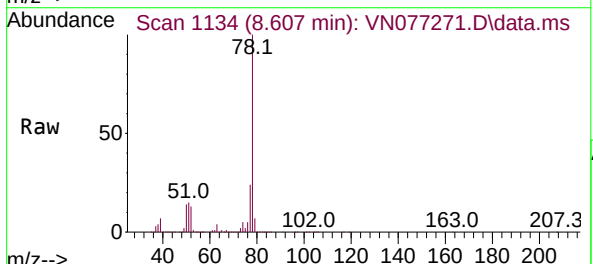
Tgt Ion: 117 Resp: 161889
Ion Ratio Lower Upper
117 100
119 97.3 79.8 119.8
121 31.0 23.4 35.0

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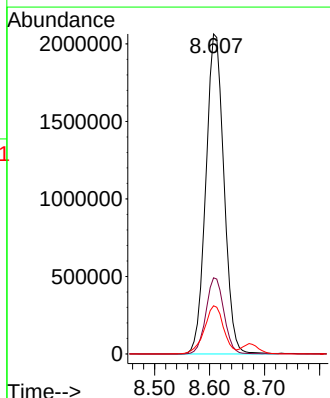
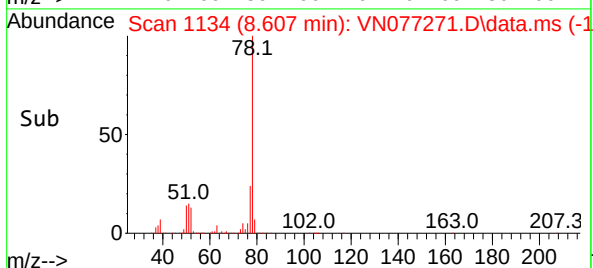
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

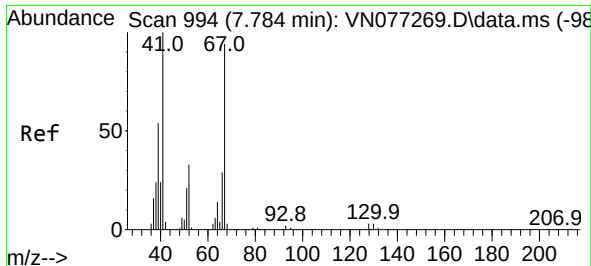


#34
Benzene
Concen: 128.065 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11



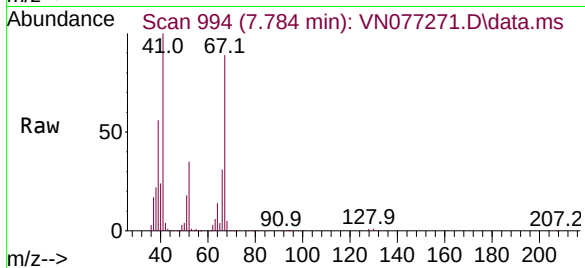
Tgt Ion: 78 Resp: 4716468
Ion Ratio Lower Upper
78 100
77 23.8 17.4 26.2
51 15.0 13.8 20.6





#35
Methacrylonitrile
Concen: 113.608 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

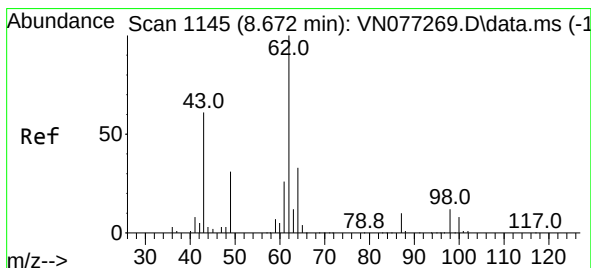
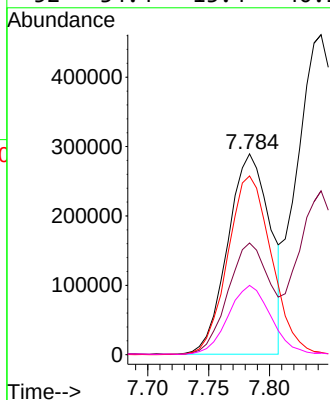
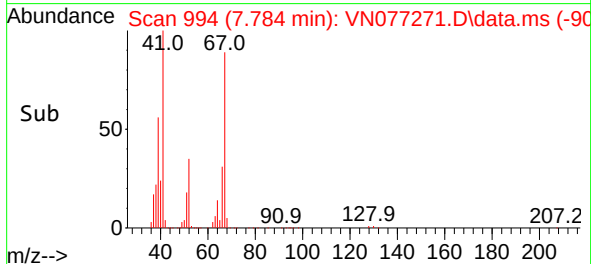
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



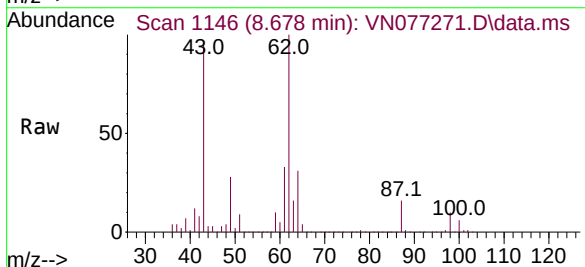
Tgt Ion: 41 Resp: 70063
Ion Ratio Lower Upper
41 100
39 55.5 26.6 79.7
67 89.0 32.3 96.9
52 34.4 13.4 40.1

Manual Integrations
APPROVED

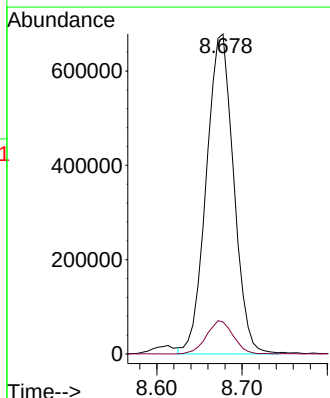
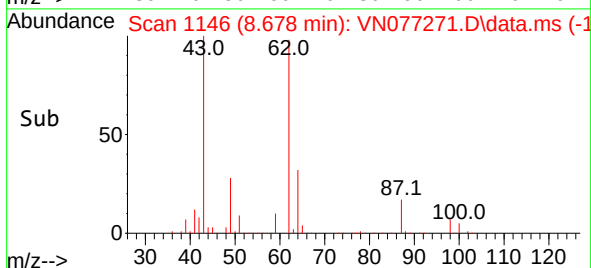
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

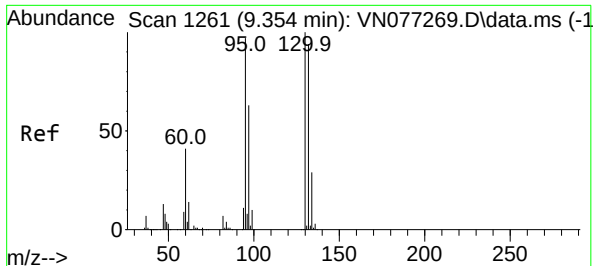


#36
1,2-Dichloroethane
Concen: 122.521 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11



Tgt Ion: 62 Resp: 1512460
Ion Ratio Lower Upper
62 100
98 10.1 7.4 11.0





#37

Trichloroethene

Concen: 128.046 ug/l

RT: 9.354 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077271.D

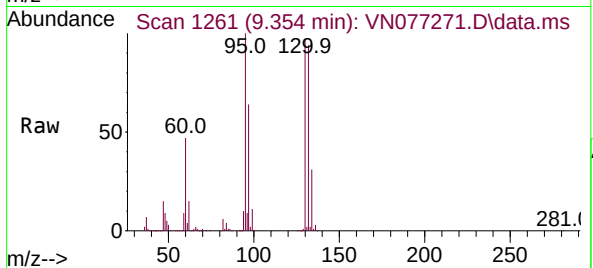
Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150



Tgt Ion:130 Resp: 1162284

Ion Ratio Lower Upper

130 100

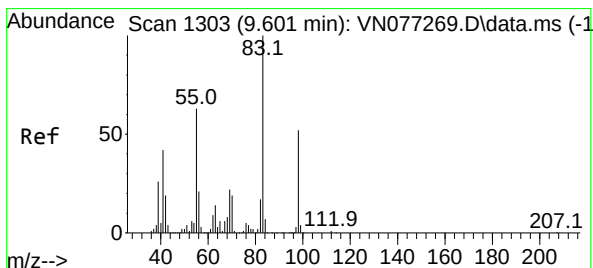
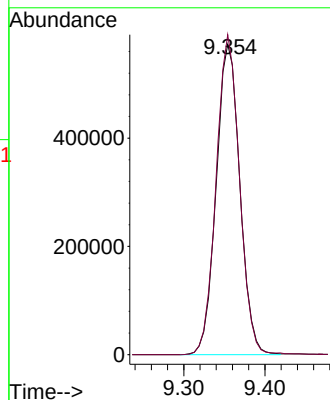
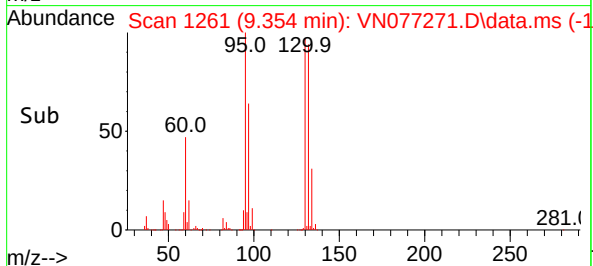
95 103.1 78.7 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#38

Methylcyclohexane

Concen: 140.785 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

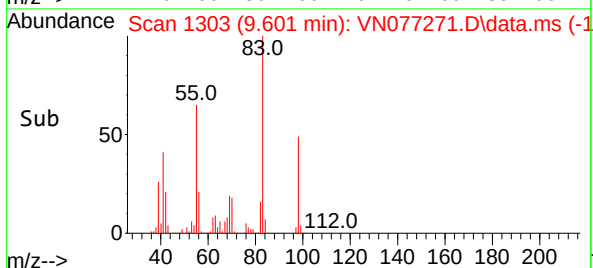
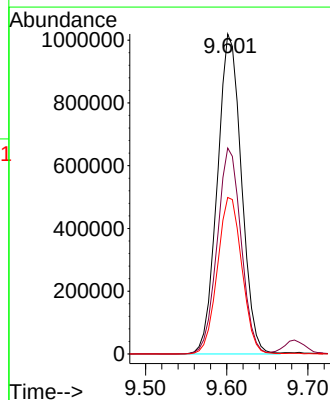
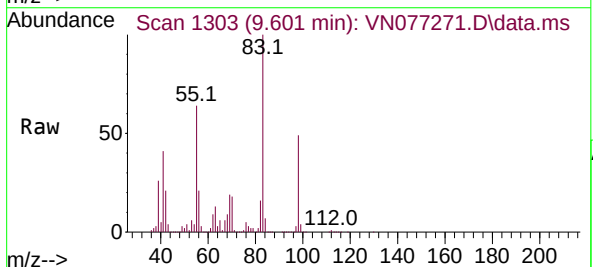
Tgt Ion: 83 Resp: 2105135

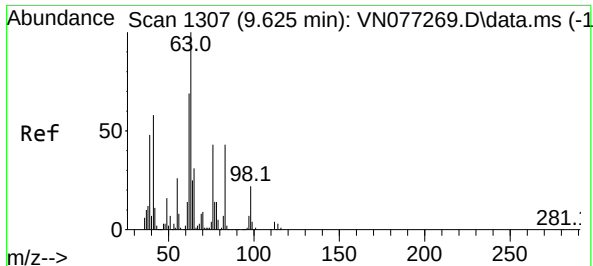
Ion Ratio Lower Upper

83 100

55 63.9 37.6 112.9

98 49.8 24.1 72.4





#39

1,2-Dichloropropane

Concen: 123.391 ug/l

RT: 9.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 1167594

Ion Ratio Lower Upper

63 100

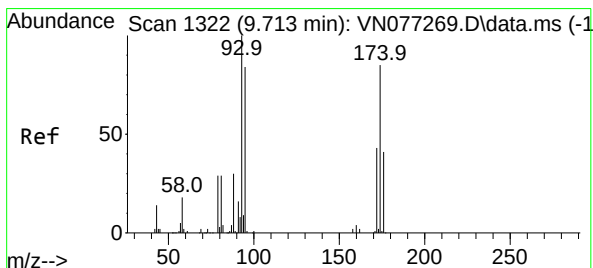
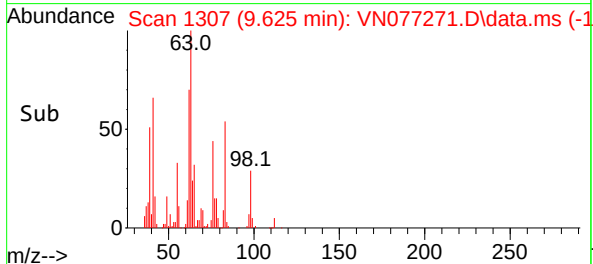
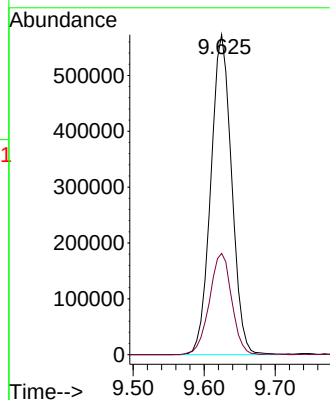
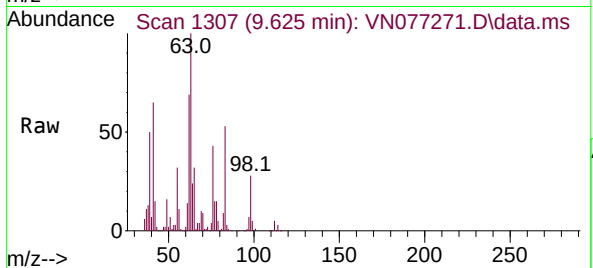
65 31.6 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#40

Dibromomethane

Concen: 141.663 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

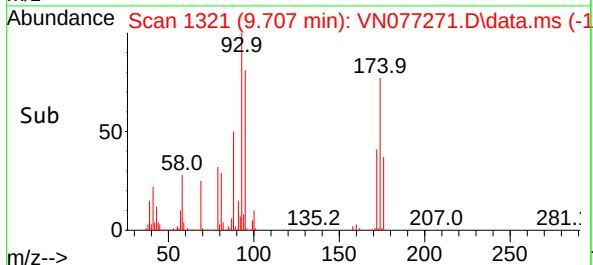
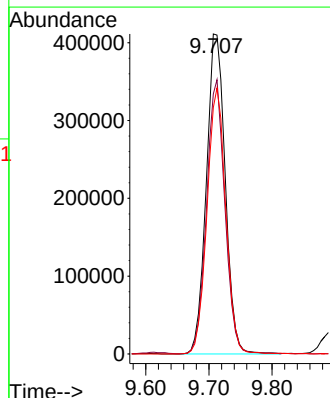
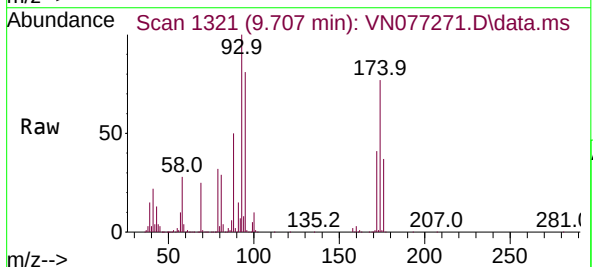
Tgt Ion: 93 Resp: 854004

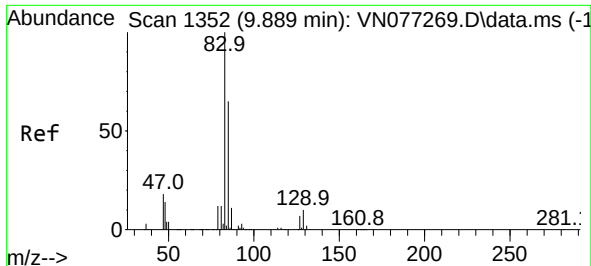
Ion Ratio Lower Upper

93 100

95 83.2 0.0 158.0

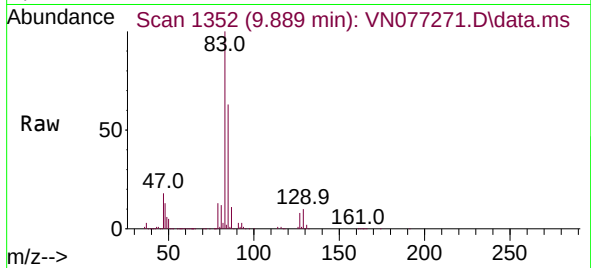
174 82.1 0.0 171.2





#41
Bromodichloromethane
Concen: 137.793 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

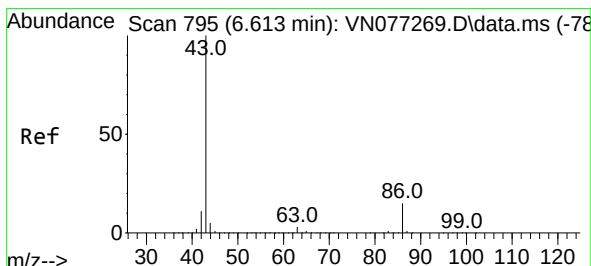
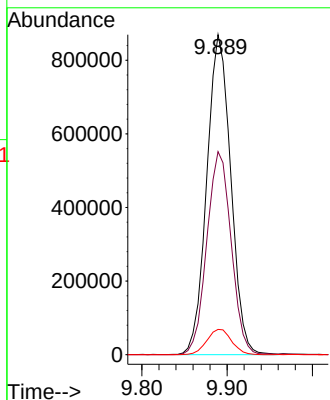
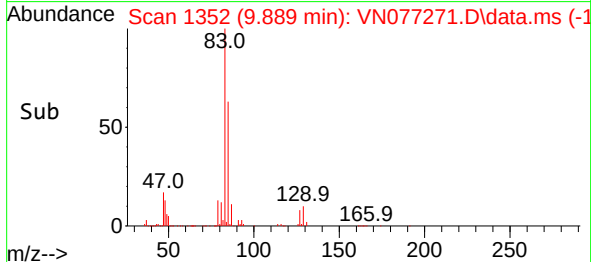
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 1702370
Ion Ratio Lower Upper
83 100
85 63.4 51.0 76.4
127 7.9 6.2 9.2

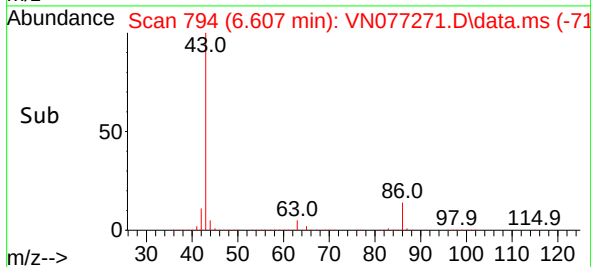
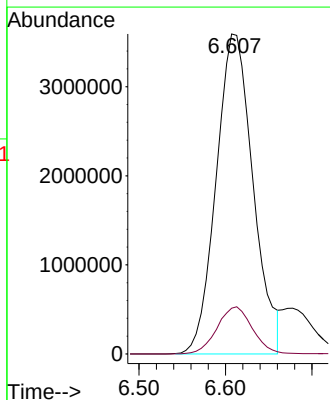
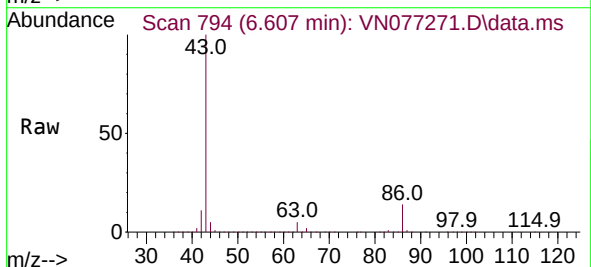
Manual Integrations
APPROVED

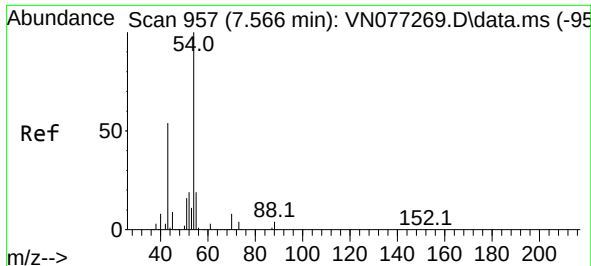
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#42
Vinyl Acetate
Concen: 624.267 ug/l m
RT: 6.607 min Scan# 794
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 43 Resp:10665264
Ion Ratio Lower Upper
43 100
86 0.0 7.8 11.6#





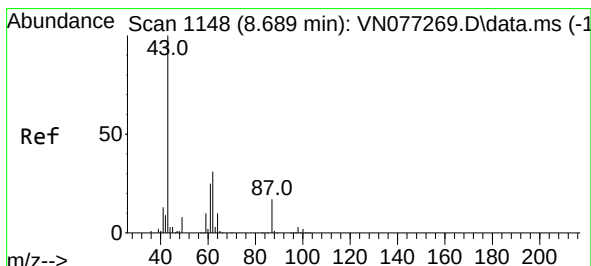
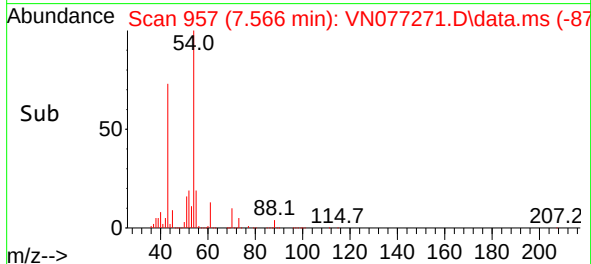
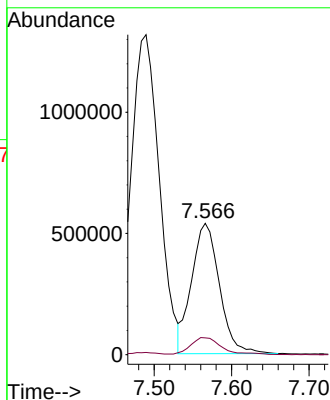
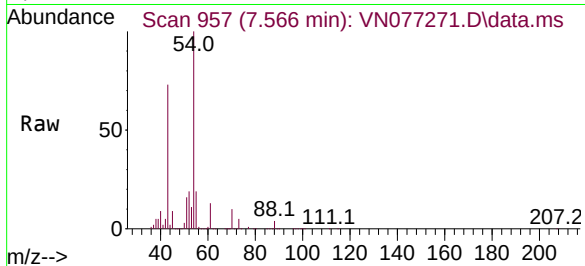
#43
Ethyl Acetate
Concen: 121.232 ug/l
RT: 7.566 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 134071
Ion Ratio Lower Upper
43 100
45 14.4 11.2 16.8

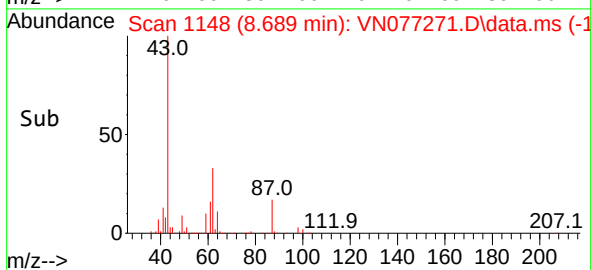
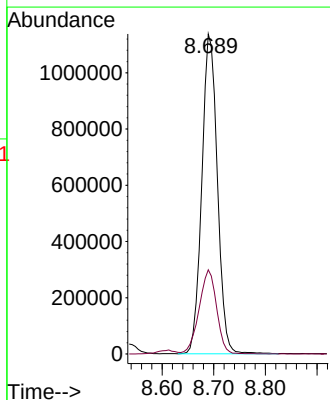
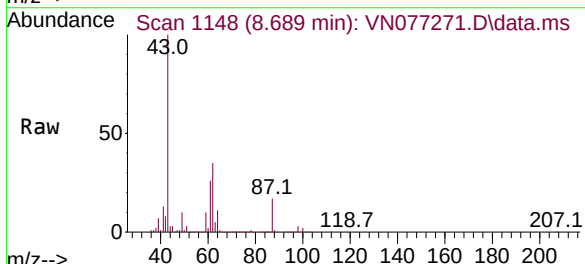
Manual Integrations
APPROVED

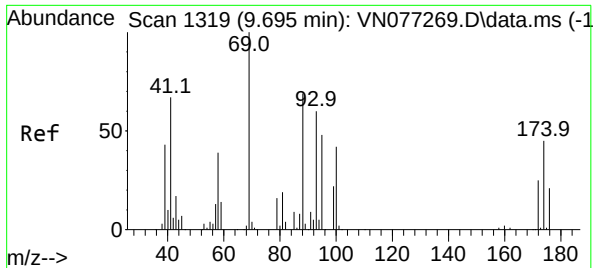
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#44
Isopropyl Acetate
Concen: 132.605 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

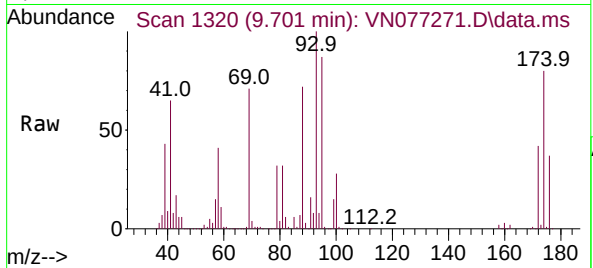
Tgt Ion: 43 Resp: 2377240
Ion Ratio Lower Upper
43 100
61 29.2 19.5 29.3





#45
1,4-Dioxane
Concen: 3280.462 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

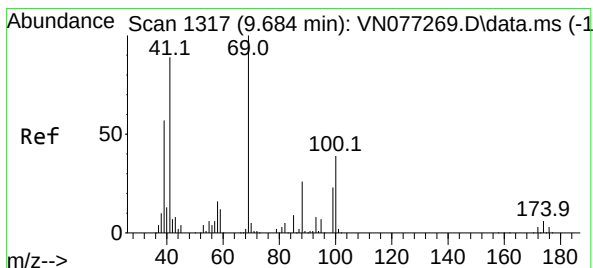
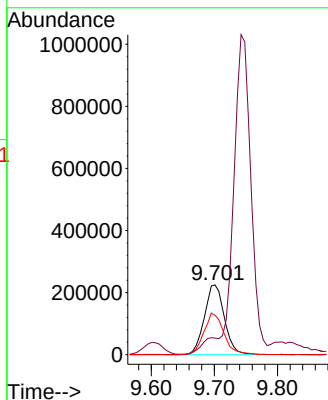
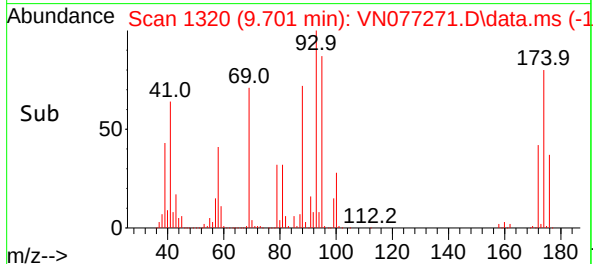
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



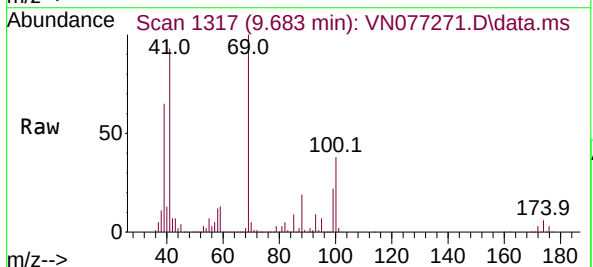
Tgt Ion: 88 Resp: 49474
Ion Ratio Lower Upper
88 100
43 20.7 26.0 39.0
58 59.6 54.3 81.5

Manual Integrations
APPROVED

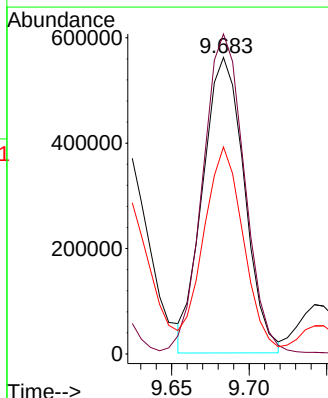
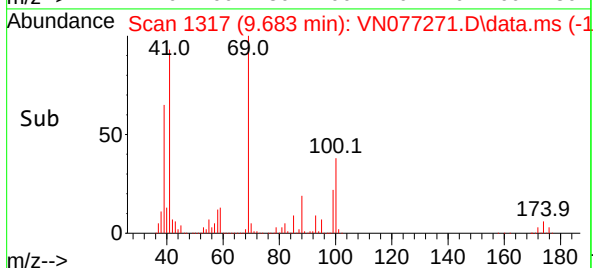
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

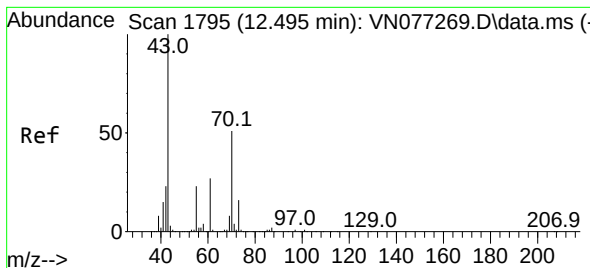


#46
Methyl methacrylate
Concen: 119.862 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11



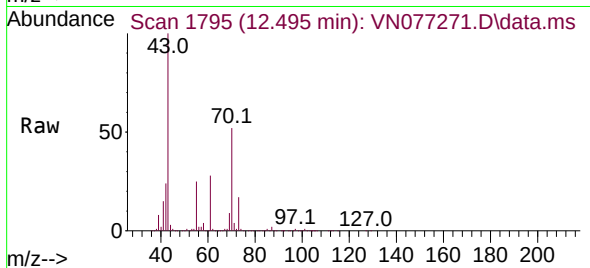
Tgt Ion: 41 Resp: 1046435
Ion Ratio Lower Upper
41 100
69 109.5 40.6 121.7
39 70.3 30.5 91.5





#47
n-amy1 Acetate
Concen: 154.366 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

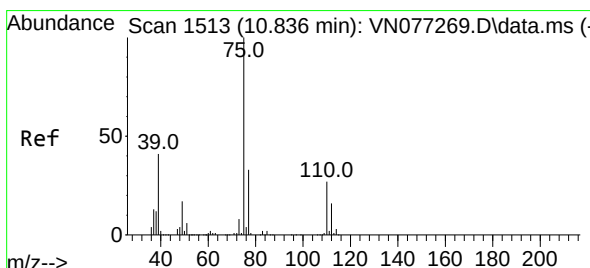
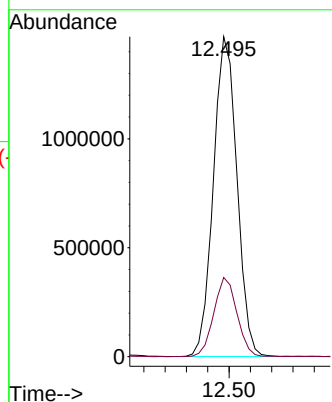
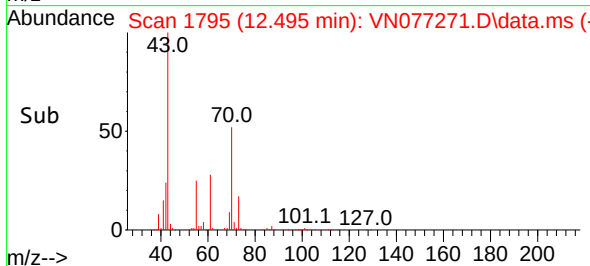
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 225210
Ion Ratio Lower Upper
43 100
55 24.3 18.3 27.5

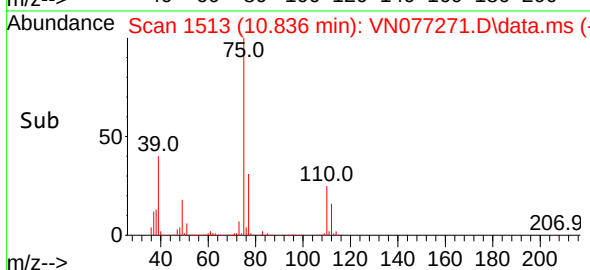
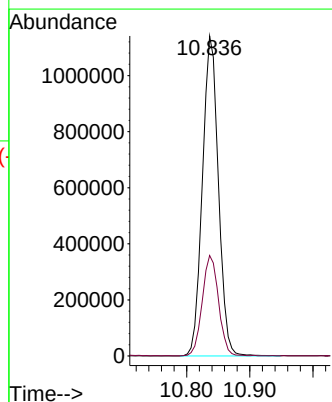
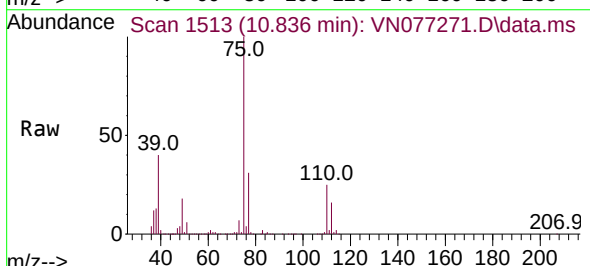
Manual Integrations
APPROVED

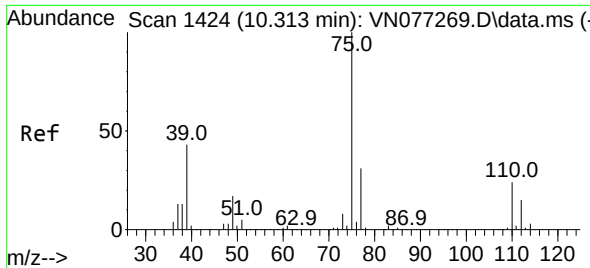
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#48
t-1,3-Dichloropropene
Concen: 162.295 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 75 Resp: 2008290
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2





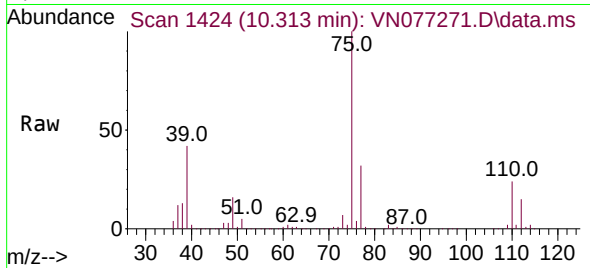
#49
 cis-1,3-Dichloropropene
 Concen: 147.406 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077271.D
 Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150



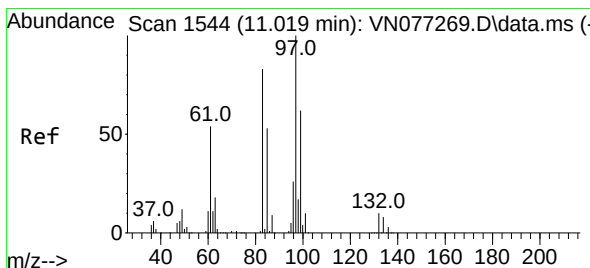
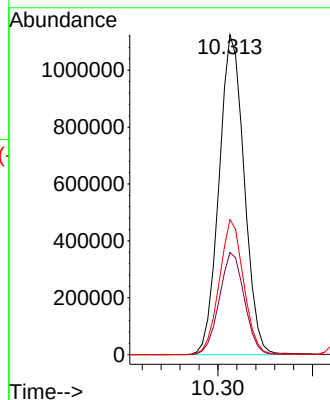
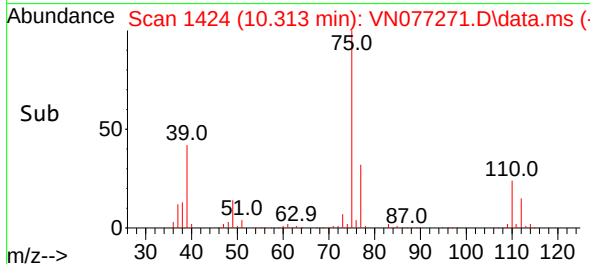
Tgt Ion: 75 Resp: 207174
 Ion Ratio Lower Upper
 75 100
 77 31.9 27.5 41.3
 39 42.2 43.5 65.3

Manual Integrations

APPROVED

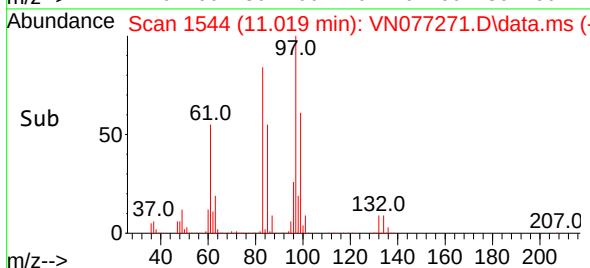
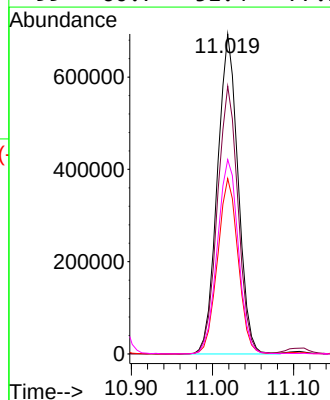
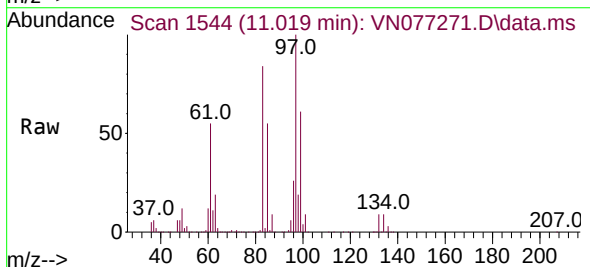
Reviewed By :John Carlone 04/10/2023

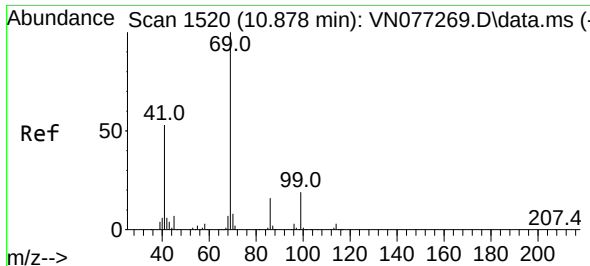
Supervised By :Semsettin Yesilyurt 04/10/2023



#50
 1,1,2-Trichloroethane
 Concen: 139.134 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077271.D
 Acq: 07 Apr 2023 11:11

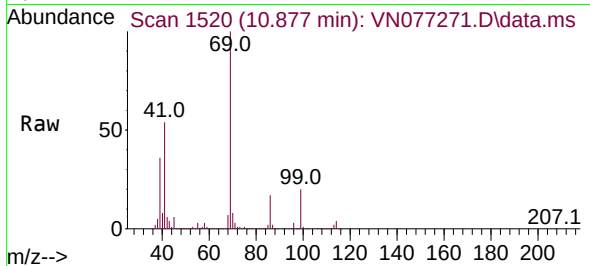
Tgt Ion: 97 Resp: 1228775
 Ion Ratio Lower Upper
 97 100
 83 83.7 71.0 106.4
 85 54.8 45.5 68.3
 99 60.7 51.4 77.2





#51
Ethyl methacrylate
Concen: 152.280 ug/l
RT: 10.877 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

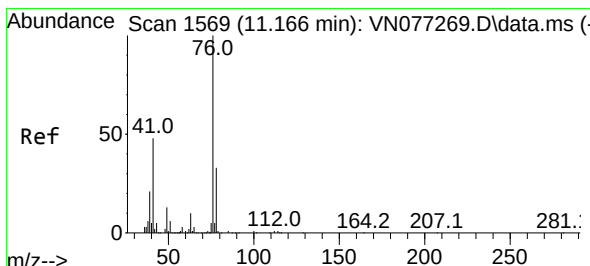
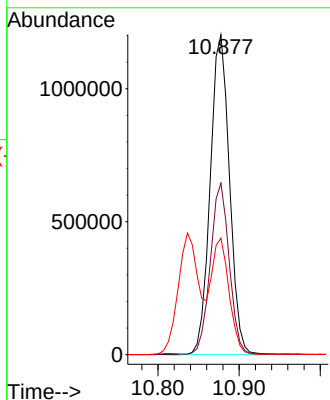
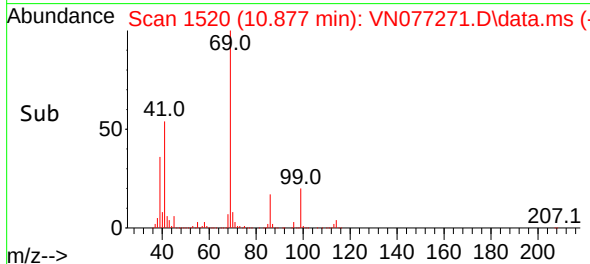
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 69 Resp: 198265
Ion Ratio Lower Upper
69 100
41 53.5 36.3 108.7
39 36.2 19.9 59.7

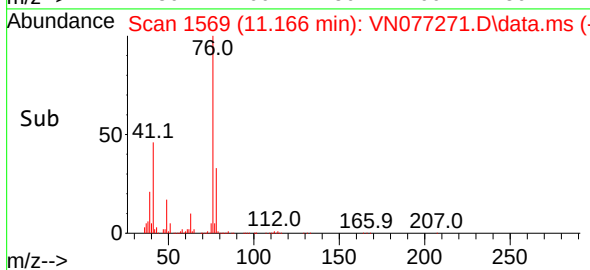
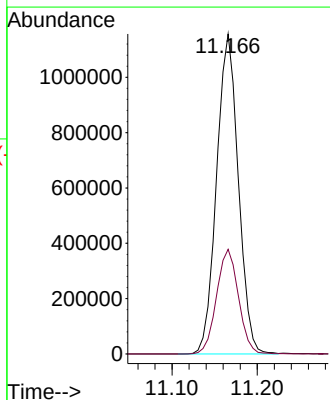
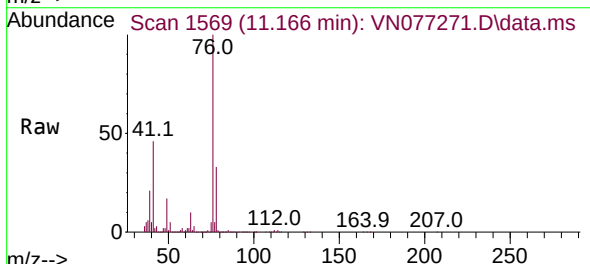
Manual Integrations
APPROVED

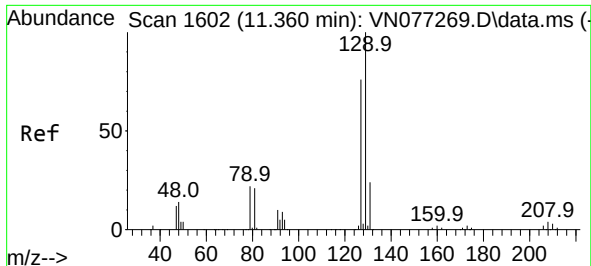
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#52
1,3-Dichloropropane
Concen: 134.553 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

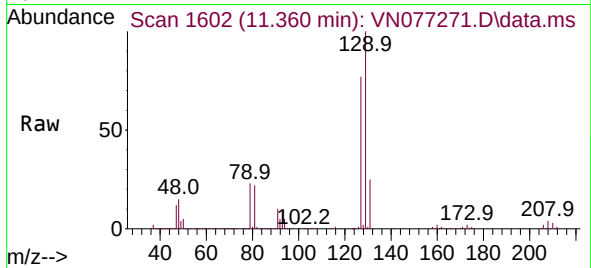
Tgt Ion: 76 Resp: 2052489
Ion Ratio Lower Upper
76 100
78 33.0 0.0 65.4





#53
Dibromochloromethane
Concen: 149.008 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

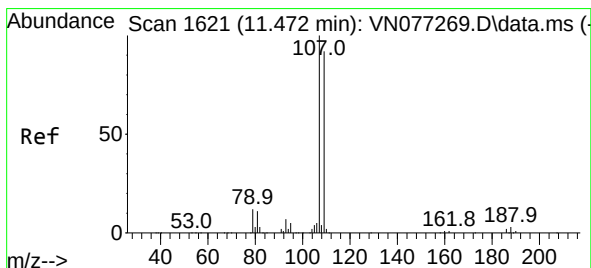
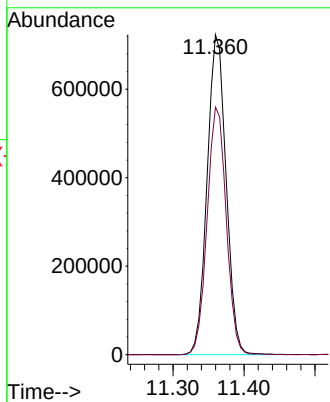
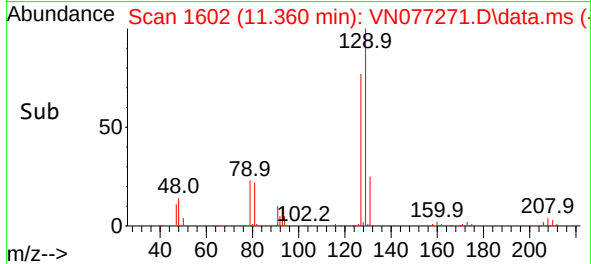
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



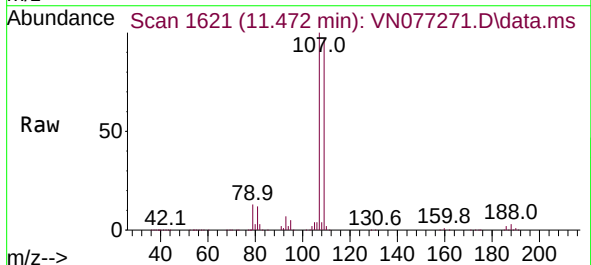
Tgt Ion:129 Resp: 134251
Ion Ratio Lower Upper
129 100
127 77.8 39.4 118.1

Manual Integrations
APPROVED

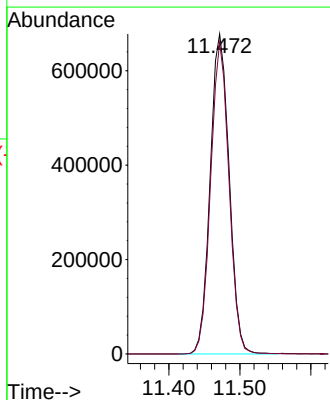
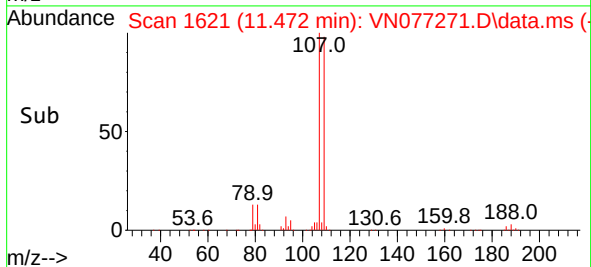
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

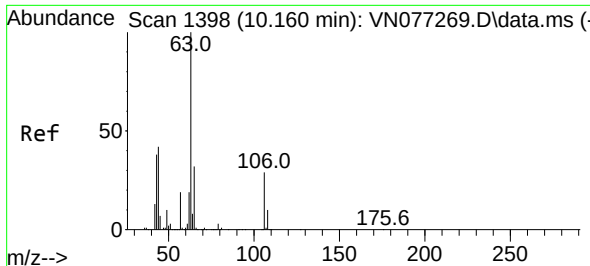


#54
1,2-Dibromoethane
Concen: 147.659 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11



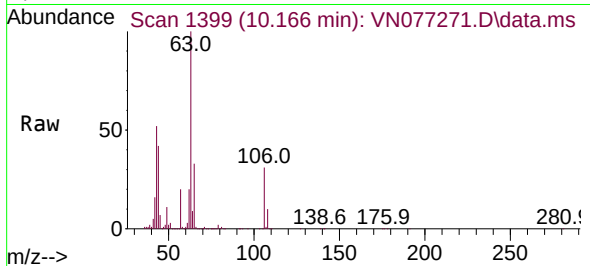
Tgt Ion:107 Resp: 1258415
Ion Ratio Lower Upper
107 100
109 94.0 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 789.352 ug/l
RT: 10.166 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

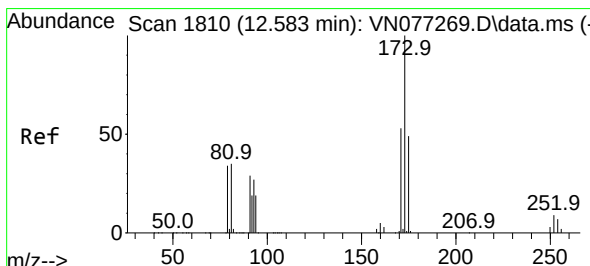
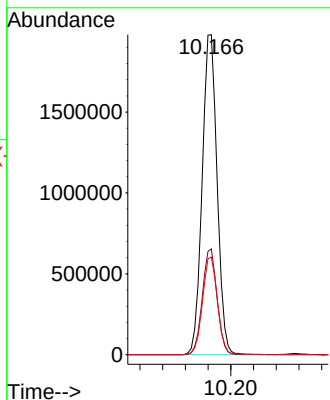
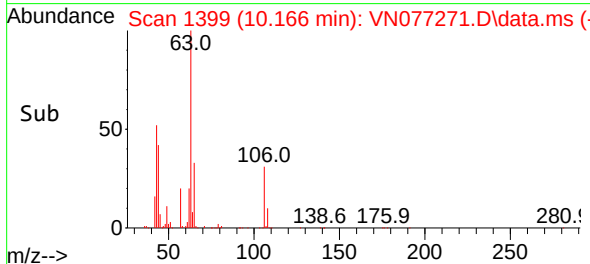
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 63 Resp: 360330
Ion Ratio Lower Upper
63 100
65 32.5 26.3 39.5
106 30.3 21.6 32.4

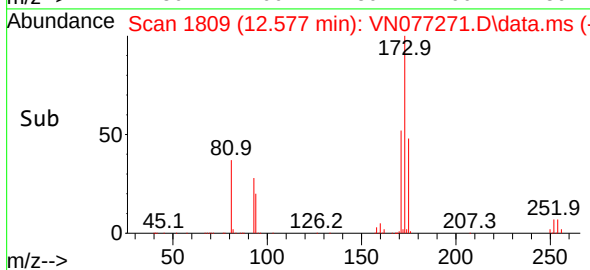
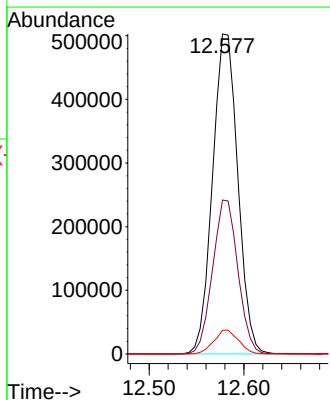
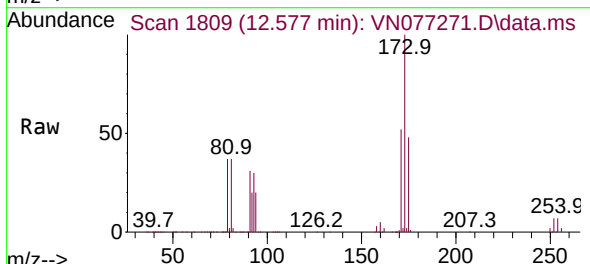
Manual Integrations
APPROVED

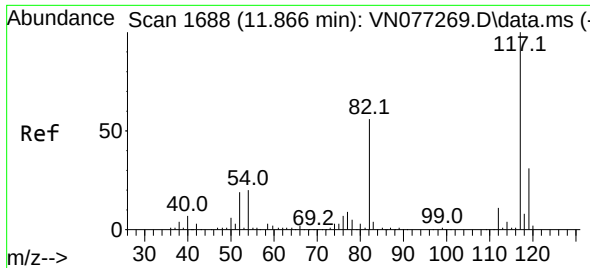
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#56
Bromoform
Concen: 154.686 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion:173 Resp: 932385
Ion Ratio Lower Upper
173 100
175 48.2 37.8 56.6
254 7.3 7.3 10.9





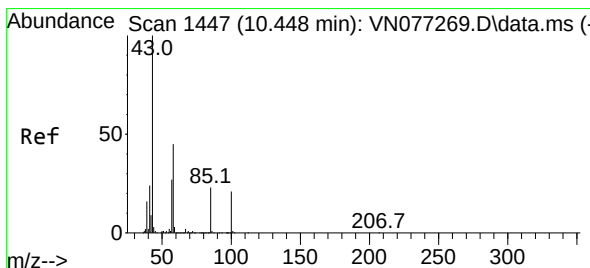
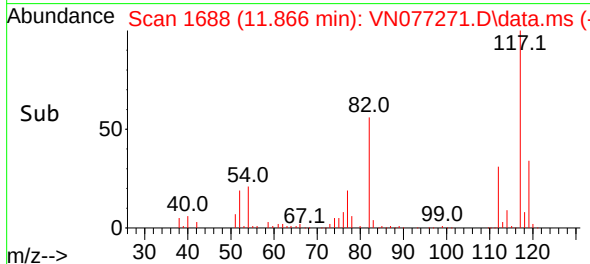
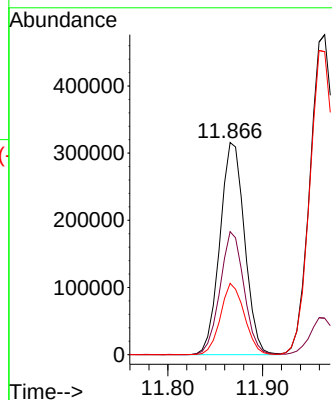
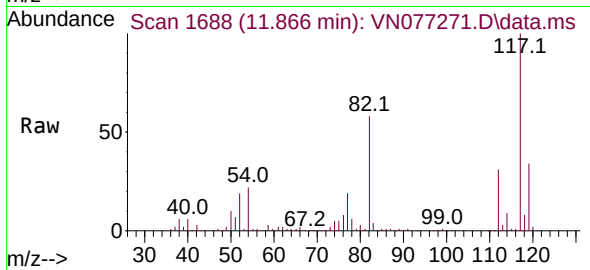
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 571397
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.0
119 32.5 26.8 40.2

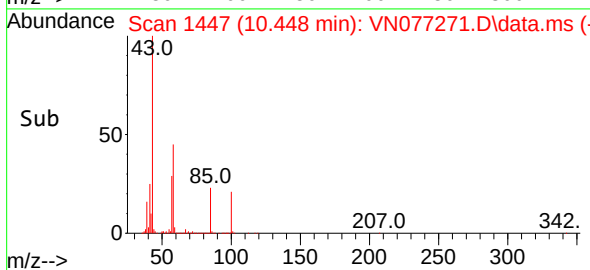
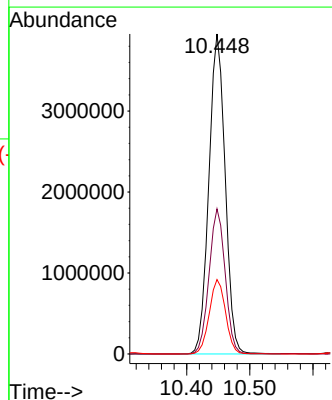
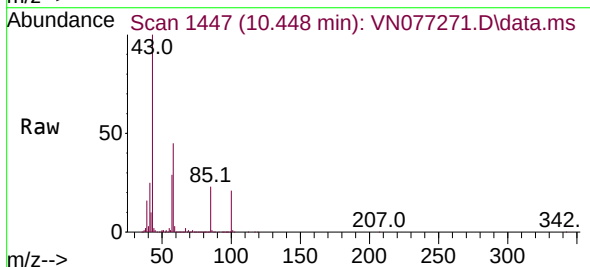
Manual Integrations
APPROVED

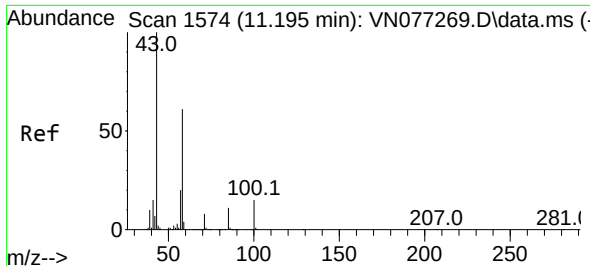
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#58
4-Methyl-2-Pentanone
Concen: 612.823 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

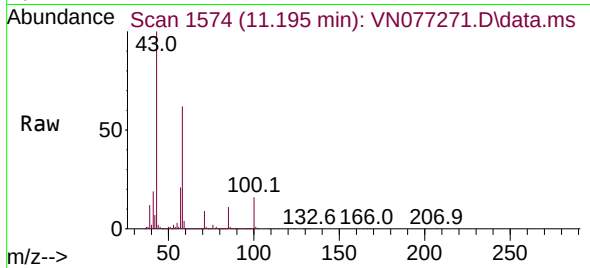
Tgt Ion: 43 Resp: 7073800
Ion Ratio Lower Upper
43 100
58 45.0 28.6 42.8#
85 23.3 11.8 17.8#





#59
2-Hexanone
Concen: 646.616 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

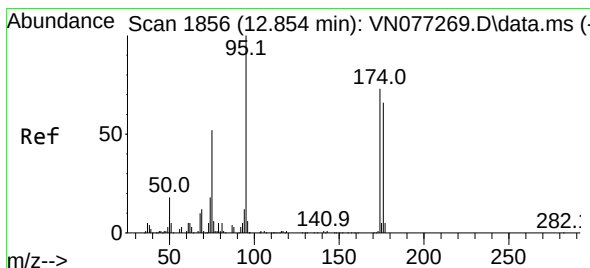
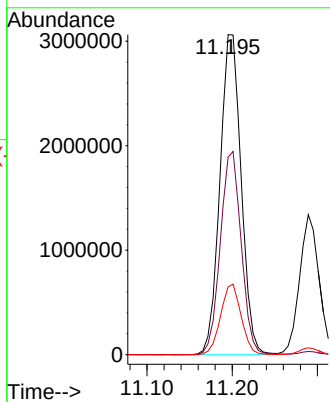
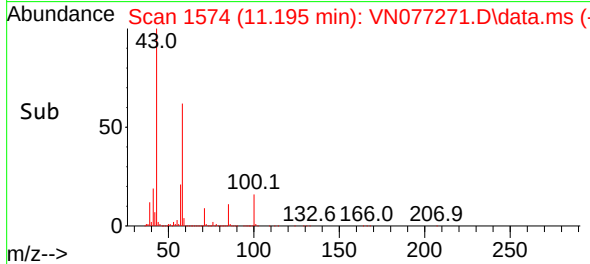
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 5302150
Ion Ratio Lower Upper
43 100
58 62.4 40.6 60.8
57 21.4 13.1 19.7

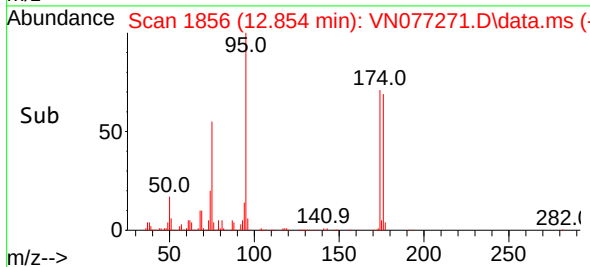
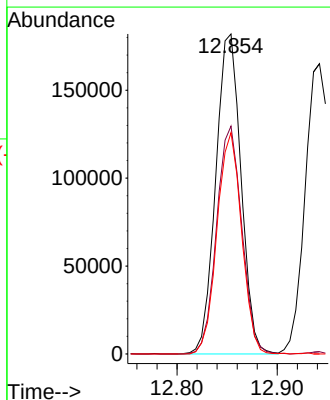
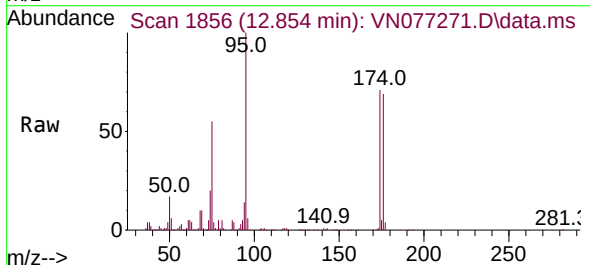
Manual Integrations
APPROVED

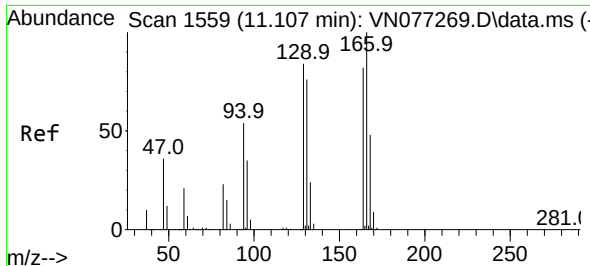
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#60
4-Bromofluorobenzene
Concen: 29.445 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

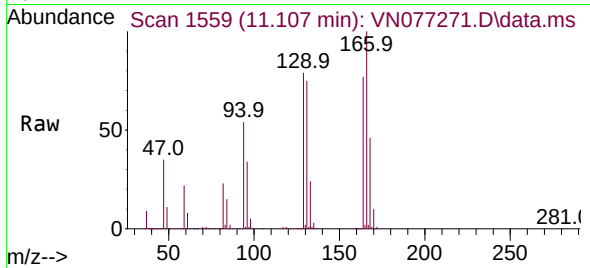
Tgt Ion: 95 Resp: 318428
Ion Ratio Lower Upper
95 100
174 71.0 64.2 96.4
176 67.0 61.4 92.0





#61
Tetrachloroethene
Concen: 99.358 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

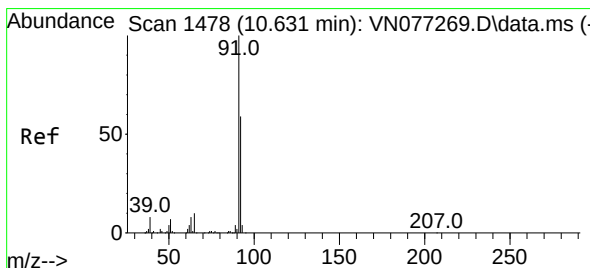
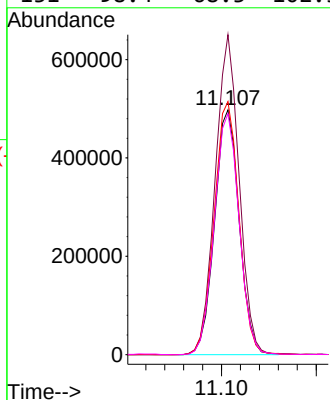
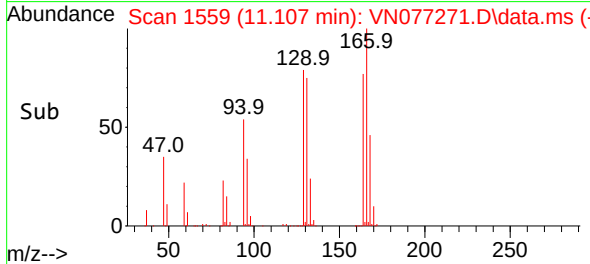
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



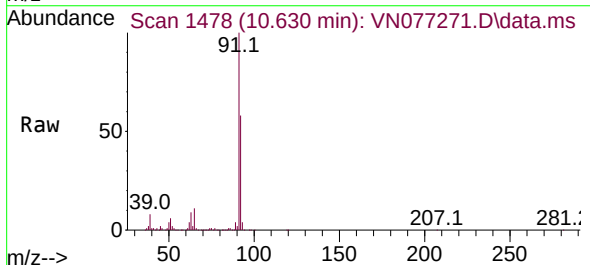
Tgt Ion:164 Resp: 896243
Ion Ratio Lower Upper
164 100
166 130.7 96.2 144.2
129 103.3 78.2 117.4
131 98.4 68.3 102.5

Manual Integrations
APPROVED

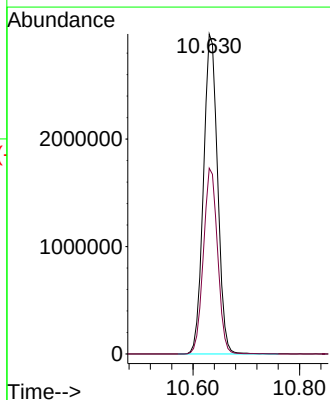
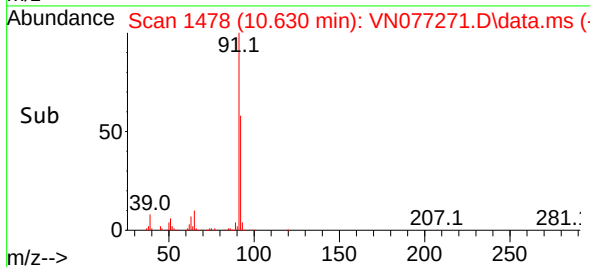
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

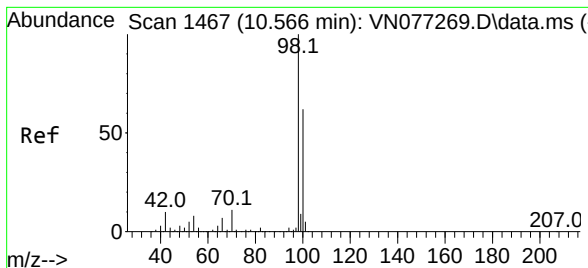


#62
Toluene
Concen: 139.050 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11



Tgt Ion: 91 Resp: 5474790
Ion Ratio Lower Upper
91 100
92 58.0 46.3 69.5





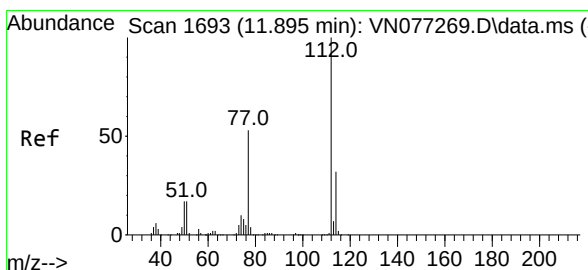
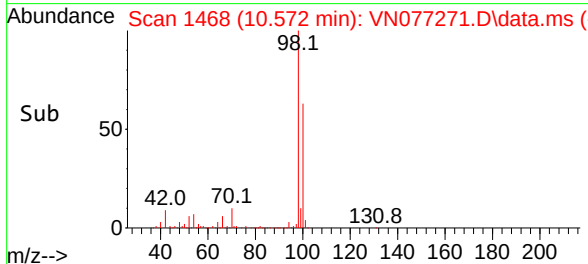
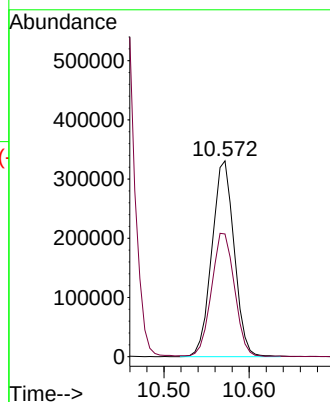
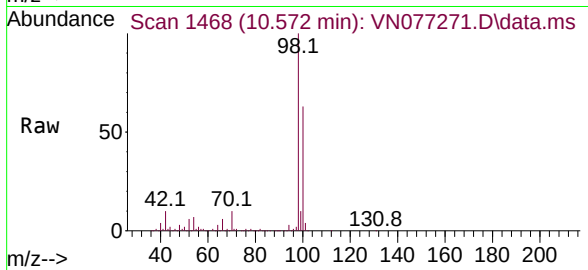
#63
Toluene-d8
Concen: 29.947 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 98 Resp: 60186
Ion Ratio Lower Upper
98 100
100 65.0 53.8 80.6

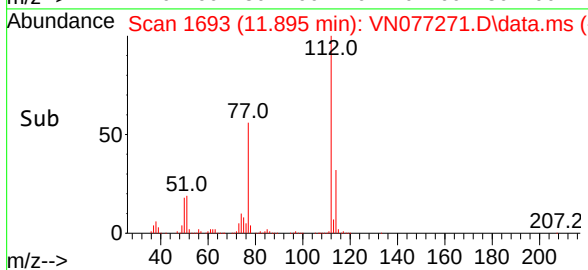
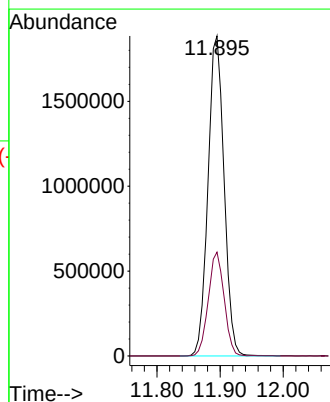
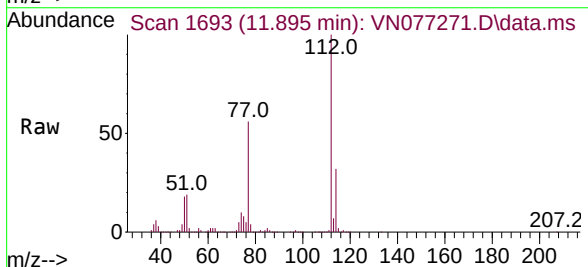
Manual Integrations
APPROVED

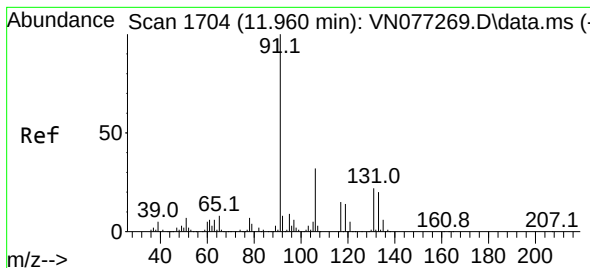
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#64
Chlorobenzene
Concen: 143.716 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

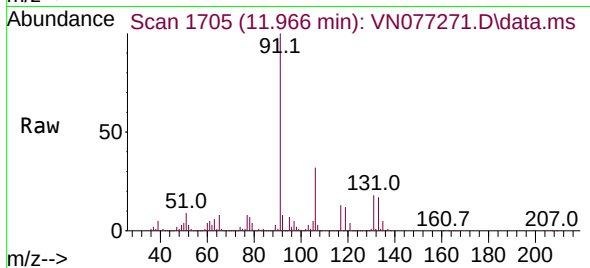
Tgt Ion:112 Resp: 3330815
Ion Ratio Lower Upper
112 100
114 32.5 24.5 36.7





#65
1,1,1,2-Tetrachloroethane
Concen: 140.111 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

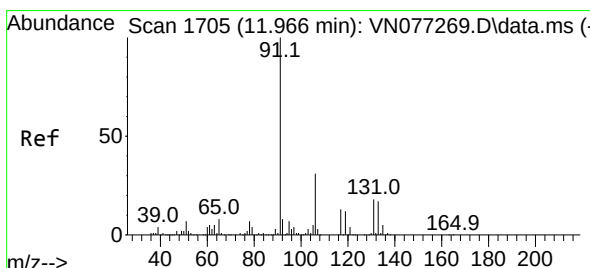
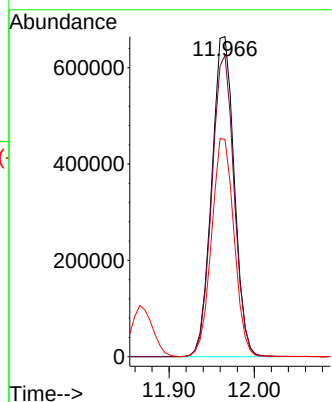
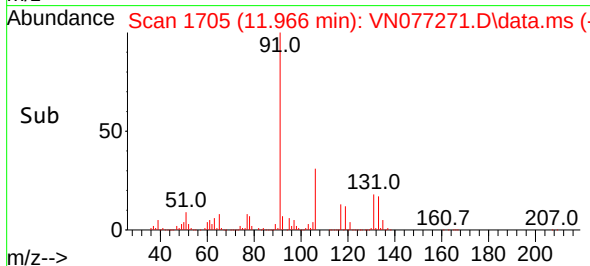
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 131 Resp: 1219664
Ion Ratio Lower Upper
131 100
133 93.5 0.0 197.6
119 68.2 0.0 127.8

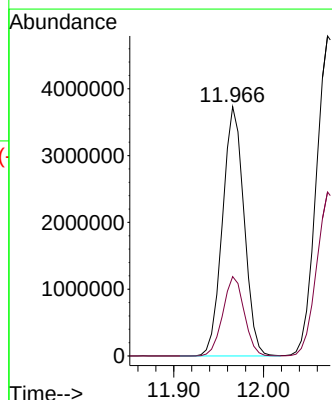
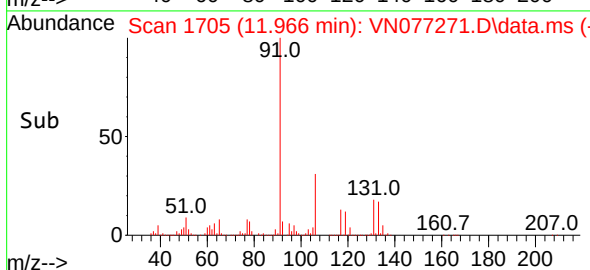
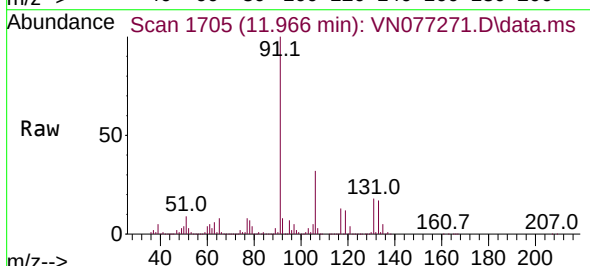
Manual Integrations
APPROVED

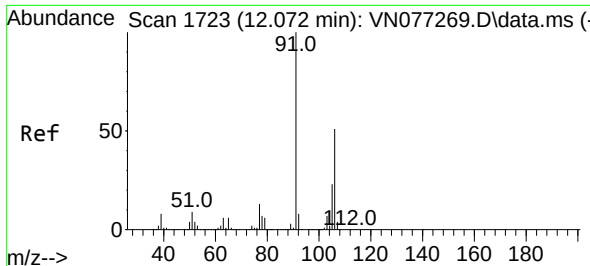
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#66
Ethyl Benzene
Concen: 145.488 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

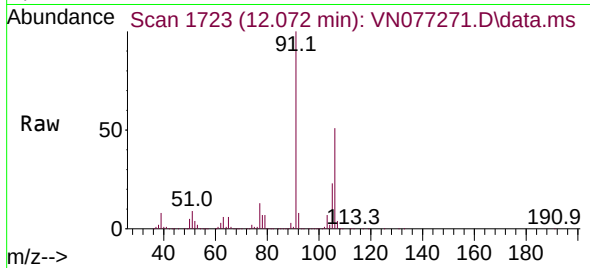
Tgt Ion: 91 Resp: 6219163
Ion Ratio Lower Upper
91 100
106 31.8 23.8 35.8





#67
m/p-Xylenes
Concen: 296.954 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.001 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

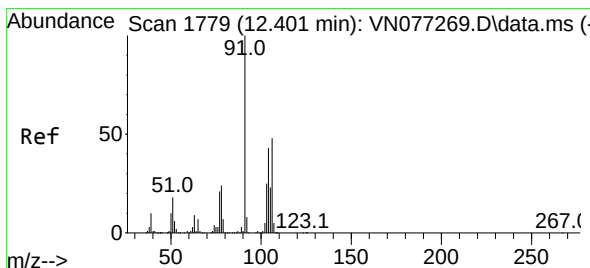
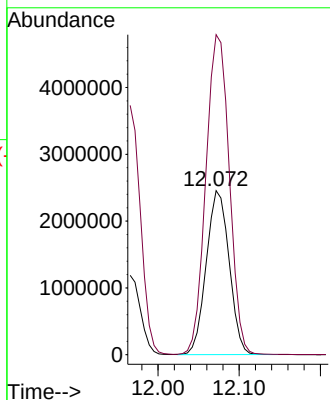
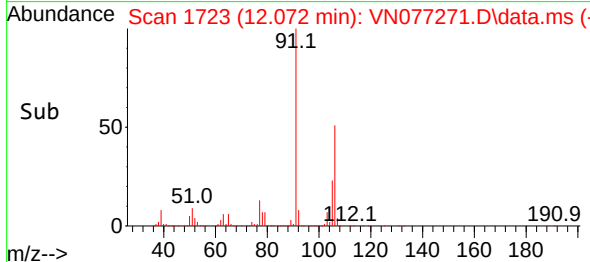
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



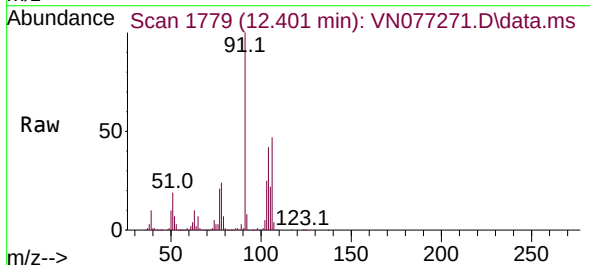
Tgt Ion:106 Resp: 480834
Ion Ratio Lower Upper
106 100
91 200.0 157.4 236.2

Manual Integrations
APPROVED

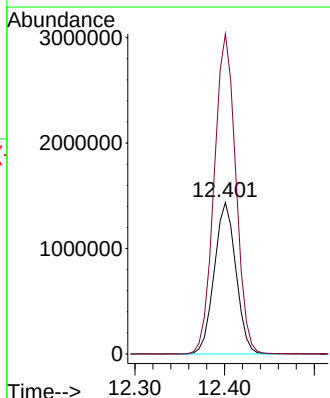
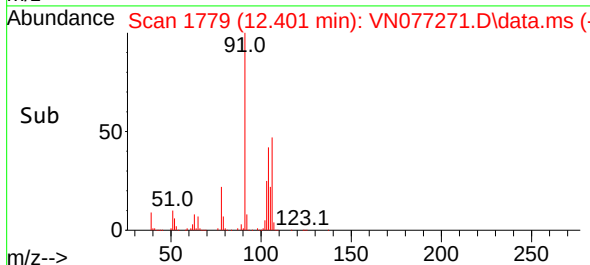
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

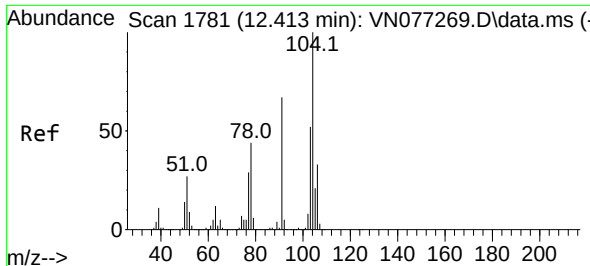


#68
o-Xylene
Concen: 152.158 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11



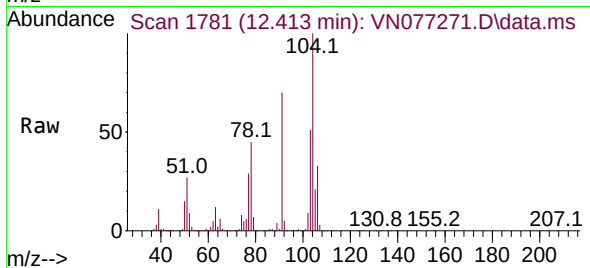
Tgt Ion:106 Resp: 2405414
Ion Ratio Lower Upper
106 100
91 211.0 107.2 321.6





#69
Styrene
Concen: 158.430 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

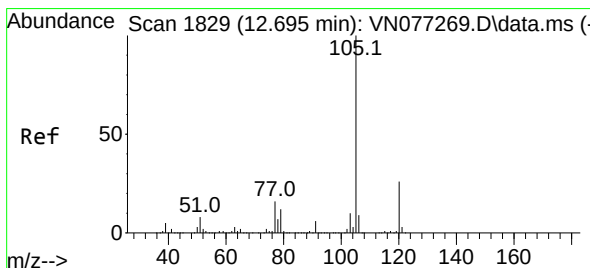
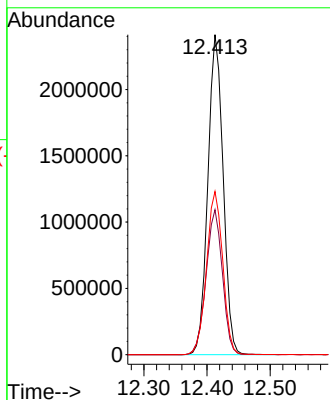
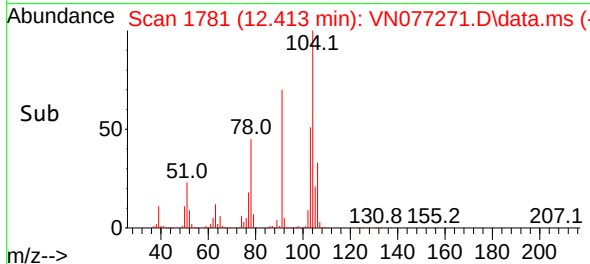
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:104 Resp: 4062020
Ion Ratio Lower Upper
104 100
78 48.3 39.6 59.4
103 54.1 43.9 65.9

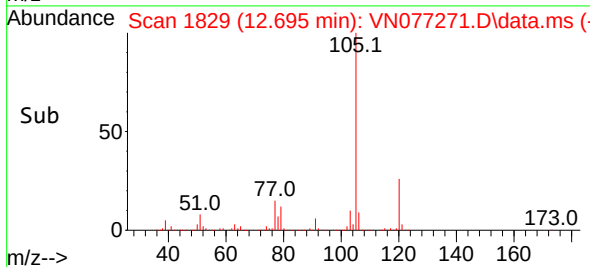
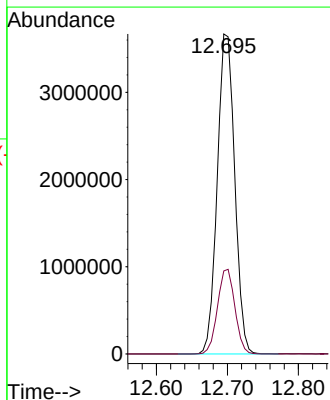
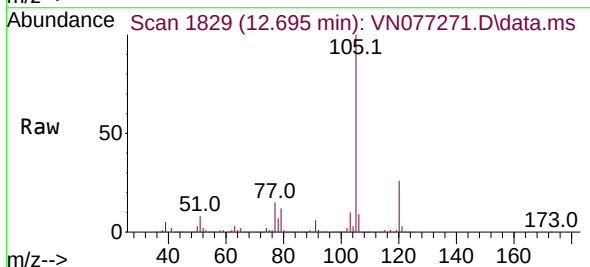
Manual Integrations
APPROVED

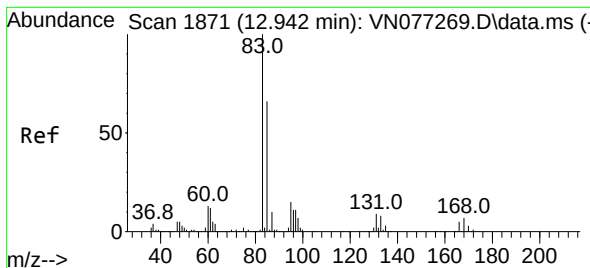
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#70
Isopropylbenzene
Concen: 151.844 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

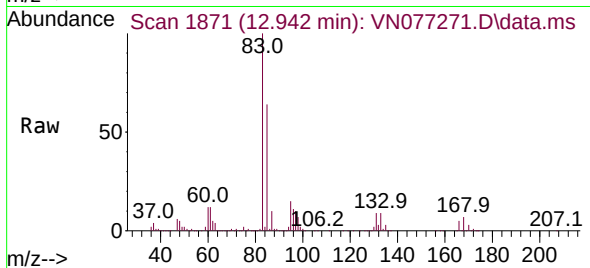
Tgt Ion:105 Resp: 6245761
Ion Ratio Lower Upper
105 100
120 26.3 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 151.579 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

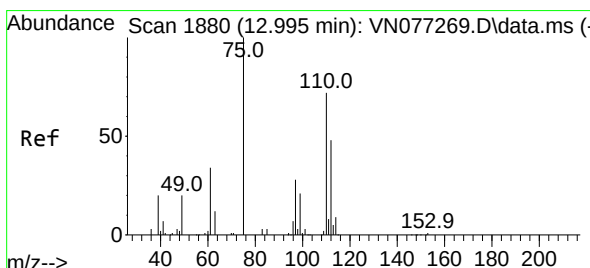
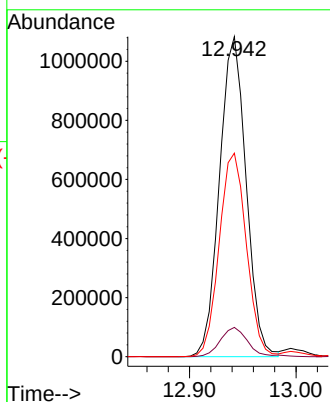
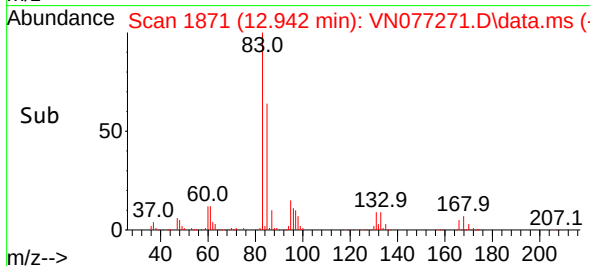
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



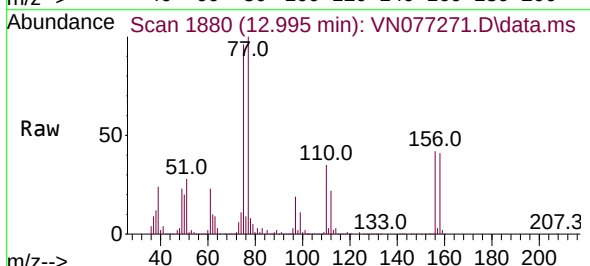
Tgt Ion: 83 Resp: 187989
Ion Ratio Lower Upper
83 100
131 9.2 5.0 14.9
85 65.0 32.3 96.9

Manual Integrations
APPROVED

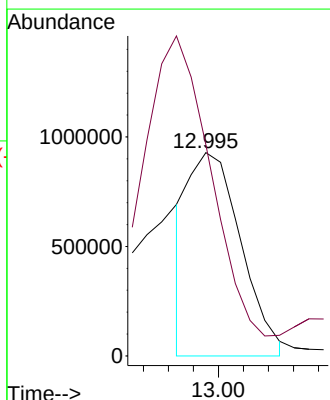
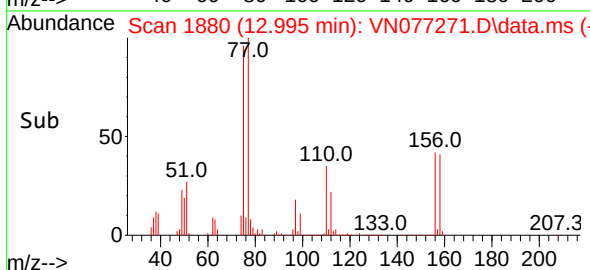
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

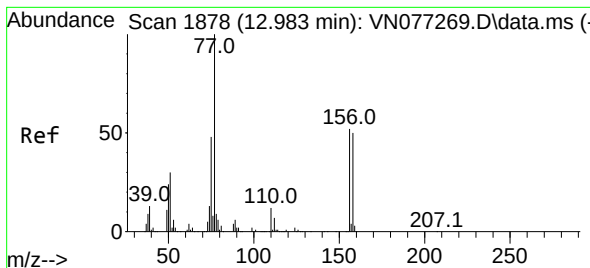


#72
1,2,3-Trichloropropane
Concen: 119.515 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11



Tgt Ion: 75 Resp: 1359708
Ion Ratio Lower Upper
75 100
77 214.4 0.0 332.6





#73

Bromobenzene

Concen: 135.769 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:156 Resp: 1260220

Ion Ratio Lower Upper

156 100

77 231.3 0.0 423.0

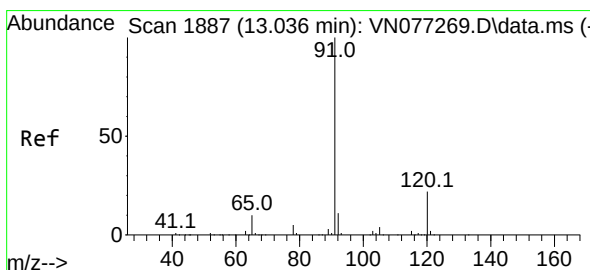
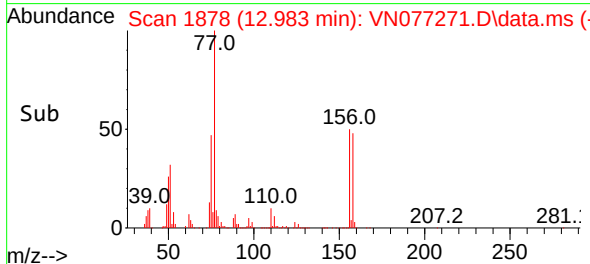
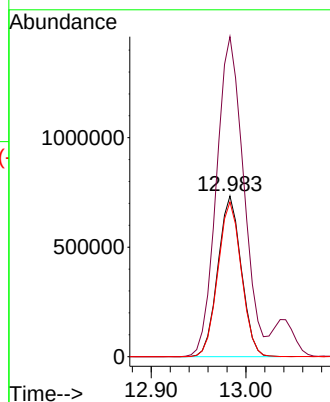
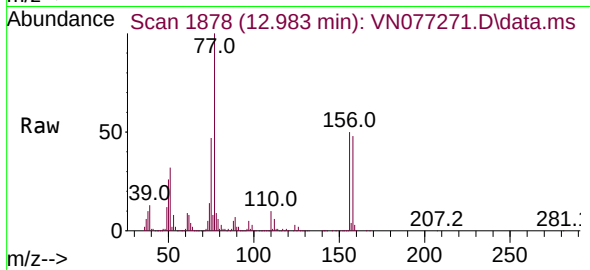
158 96.6 0.0 188.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#74

n-propylbenzene

Concen: 150.081 ug/l

RT: 13.042 min Scan# 1888

Delta R.T. 0.006 min

Lab File: VN077271.D

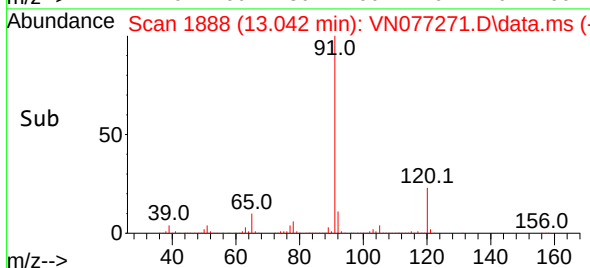
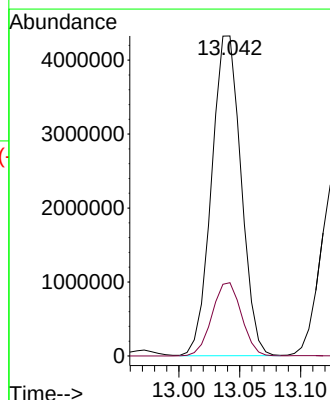
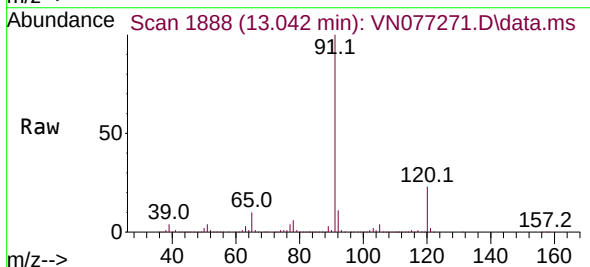
Acq: 07 Apr 2023 11:11

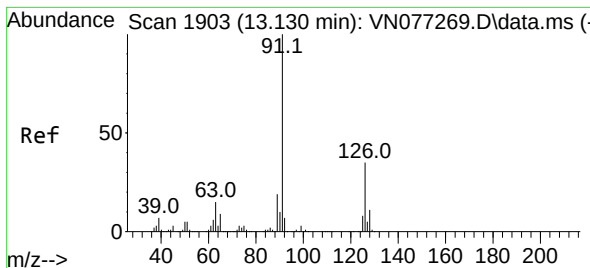
Tgt Ion: 91 Resp: 7286628

Ion Ratio Lower Upper

91 100

120 22.9 0.0 44.0





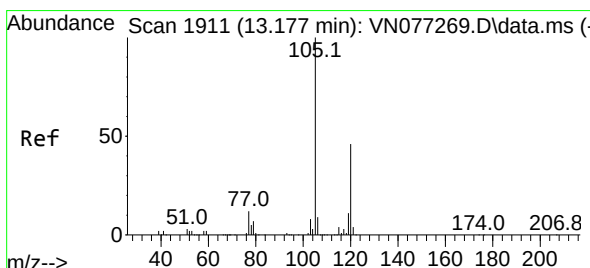
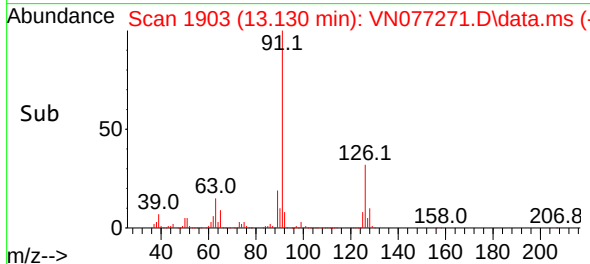
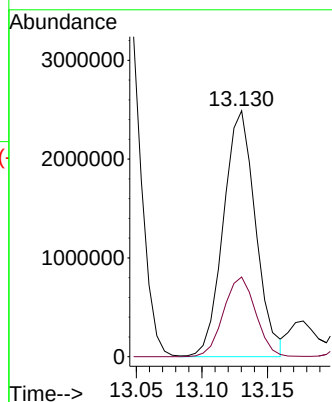
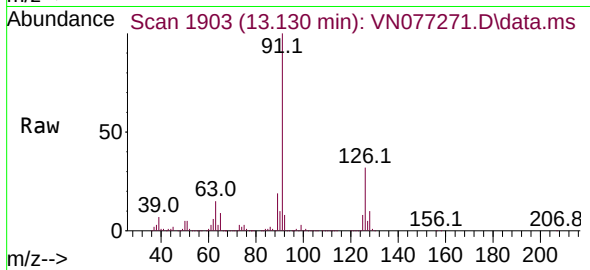
#75
2-Chlorotoluene
Concen: 141.539 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 424975
Ion Ratio Lower Upper
91 100
126 32.3 0.0 66.4

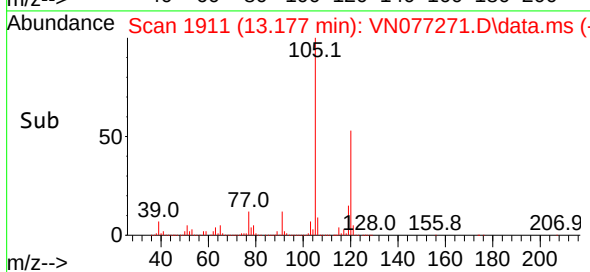
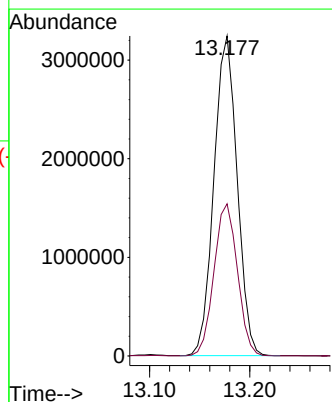
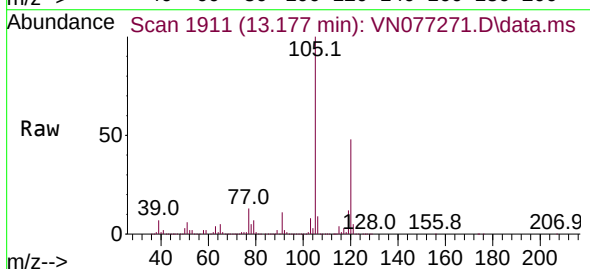
Manual Integrations
APPROVED

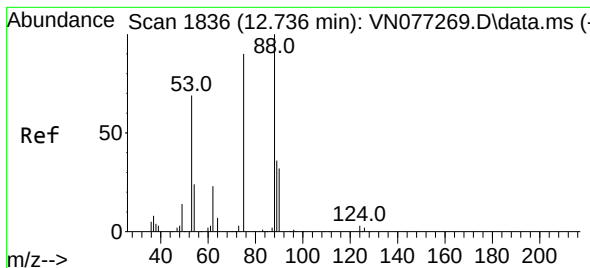
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#76
1,3,5-Trimethylbenzene
Concen: 146.355 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

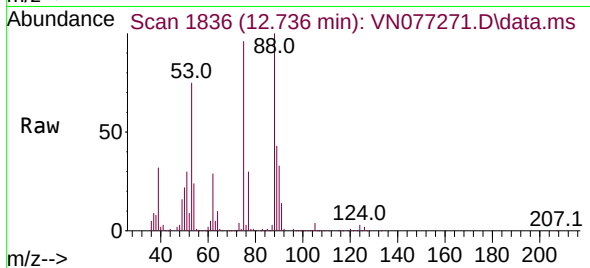
Tgt Ion:105 Resp: 5210551
Ion Ratio Lower Upper
105 100
120 48.1 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 203.137 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

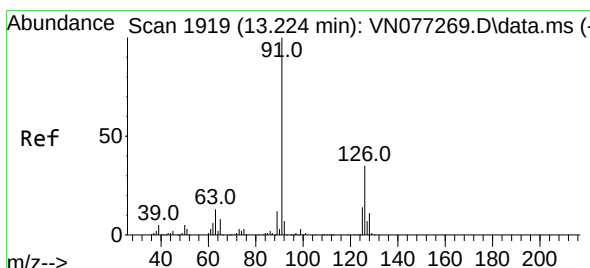
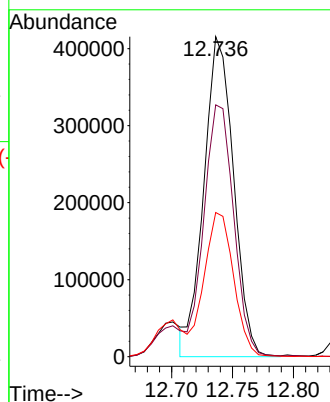
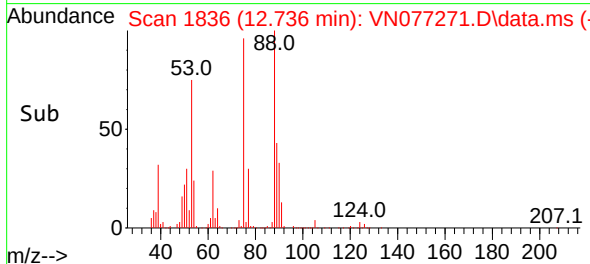
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 75 Resp: 705478
Ion Ratio Lower Upper
75 100
53 78.6 50.4 151.3
89 45.0 22.1 66.5

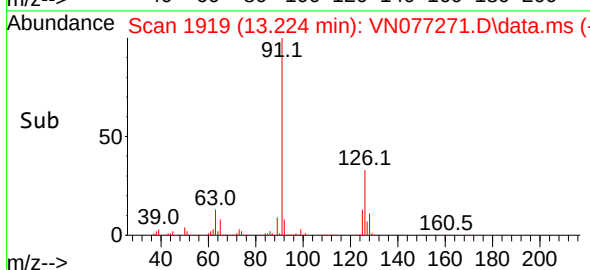
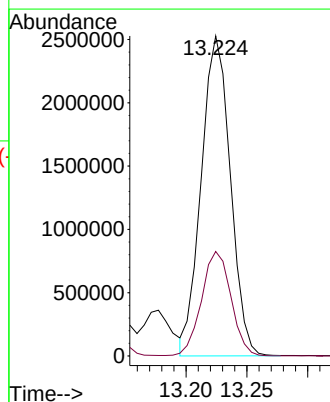
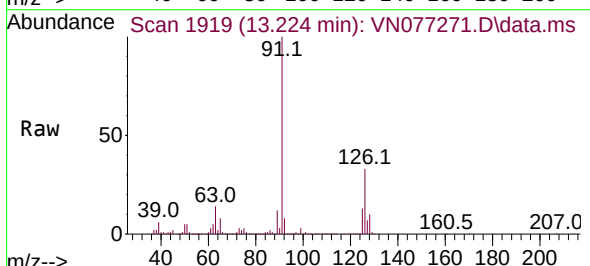
Manual Integrations
APPROVED

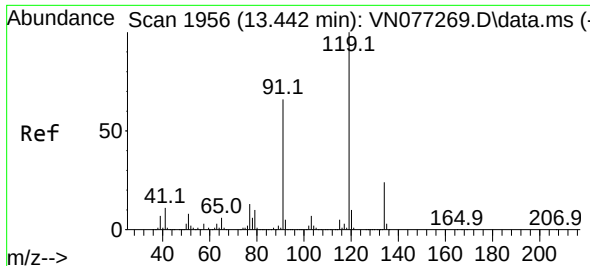
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#78
4-Chlorotoluene
Concen: 145.294 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

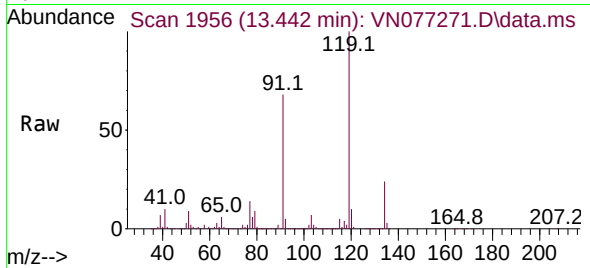
Tgt Ion: 91 Resp: 4205289
Ion Ratio Lower Upper
91 100
126 33.1 0.0 70.6





#79
tert-butylbenzene
Concen: 149.974 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

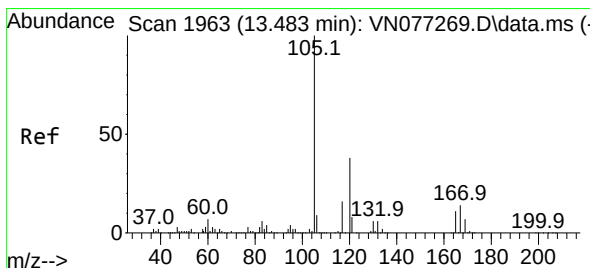
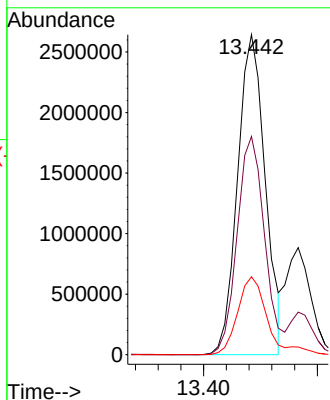
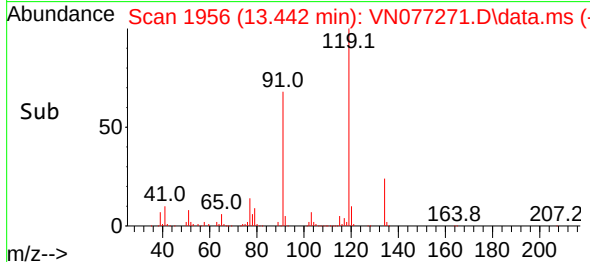
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



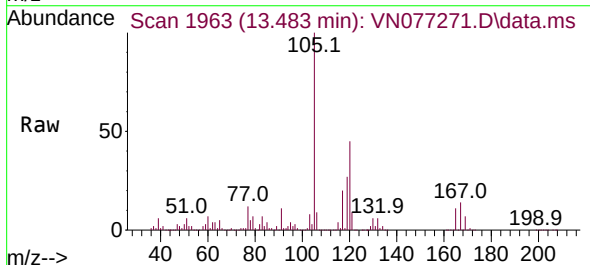
Tgt Ion:119 Resp: 4465080
Ion Ratio Lower Upper
119 100
91 68.3 0.0 129.6
134 24.4 0.0 47.8

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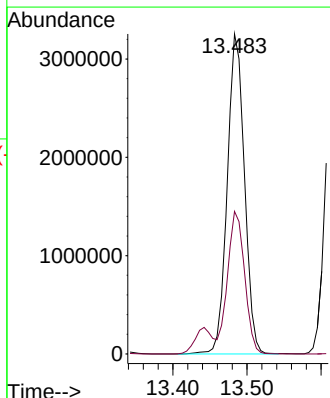
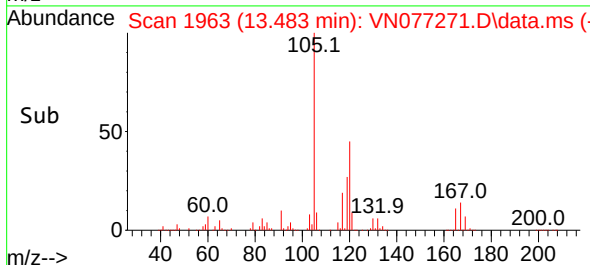
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

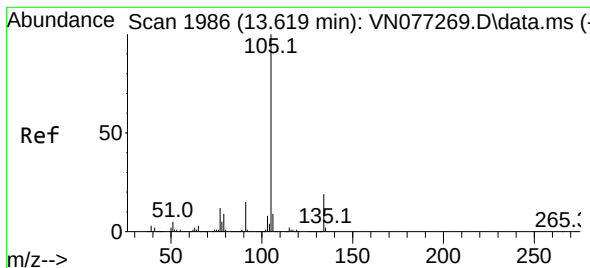


#80
1,2,4-Trimethylbenzene
Concen: 149.695 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11



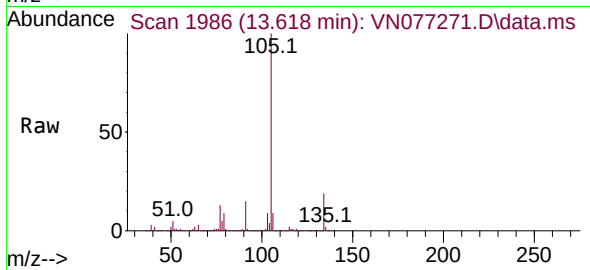
Tgt Ion:105 Resp: 5237454
Ion Ratio Lower Upper
105 100
120 44.0 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 156.532 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077271.D
 Acq: 07 Apr 2023 11:11

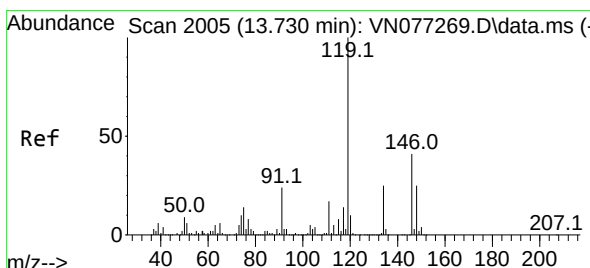
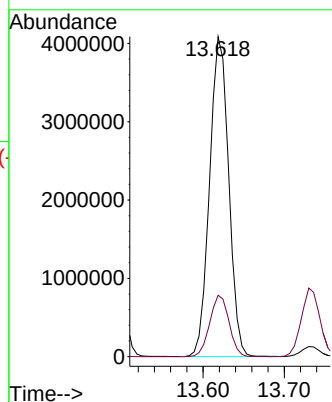
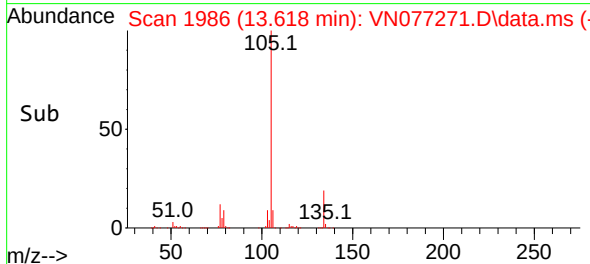
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150



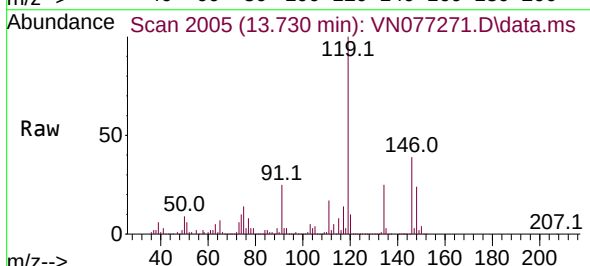
Tgt Ion:105 Resp: 666776
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.4

Manual Integrations
 APPROVED

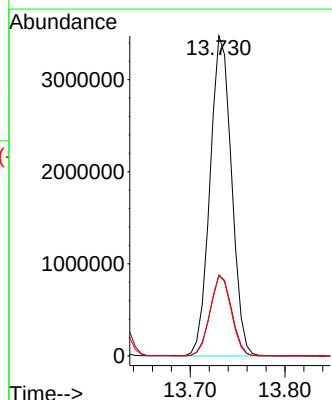
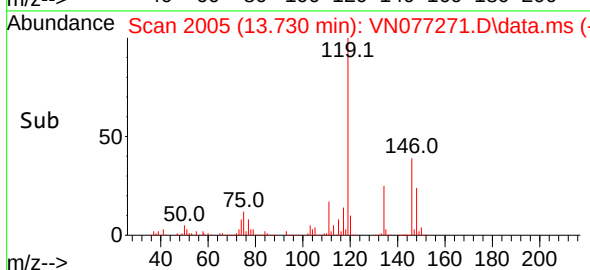
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023

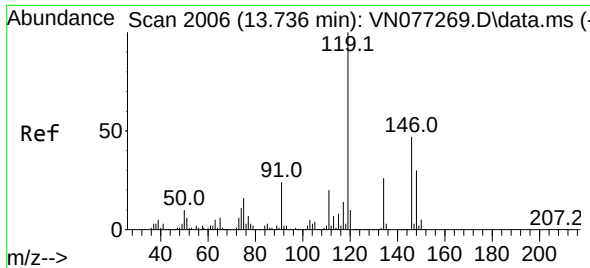


#82
 p-Isopropyltoluene
 Concen: 159.791 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077271.D
 Acq: 07 Apr 2023 11:11



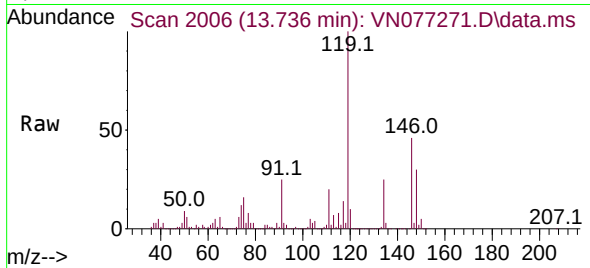
Tgt Ion:119 Resp: 5501219
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 53.4
 91 24.7 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 149.006 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

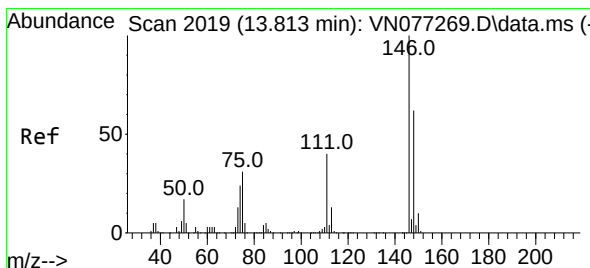
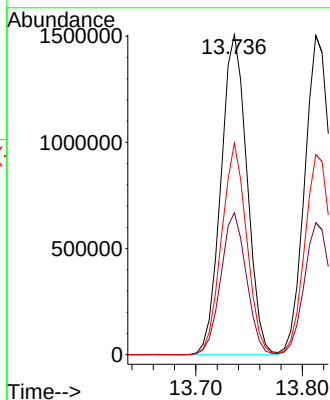
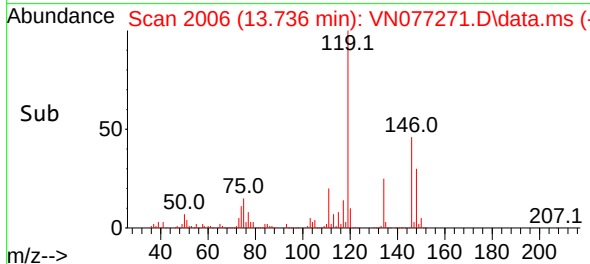
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:146 Resp: 255908
Ion Ratio Lower Upper
146 100
111 43.5 20.3 60.8
148 63.7 31.9 95.5

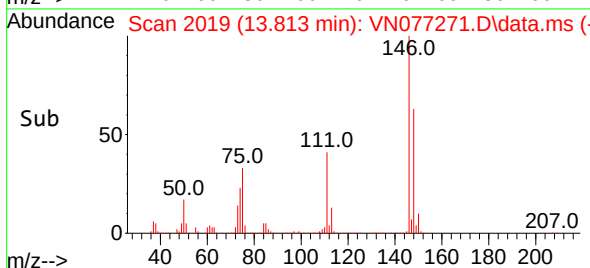
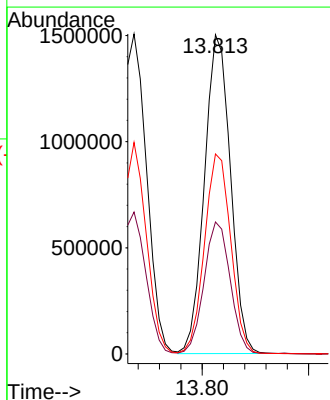
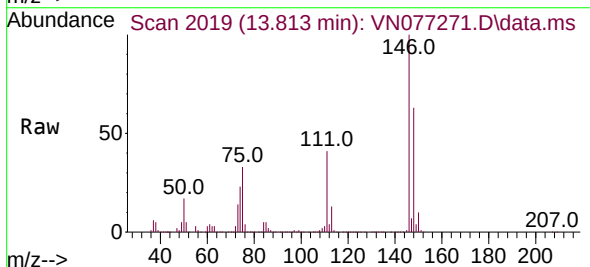
Manual Integrations
APPROVED

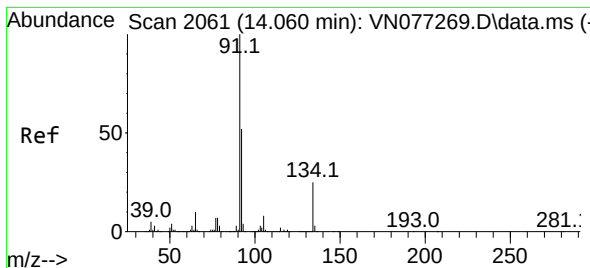
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#84
1,4-Dichlorobenzene
Concen: 152.672 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion:146 Resp: 2546959
Ion Ratio Lower Upper
146 100
111 41.8 18.2 54.6
148 63.6 31.1 93.2





#85

n-Butylbenzene

Concen: 173.364 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 505904

Ion Ratio Lower Upper

91 100

92 52.8 0.0 103.2

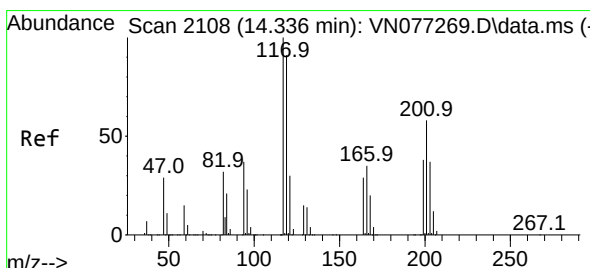
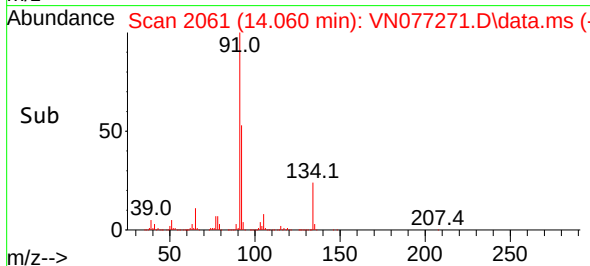
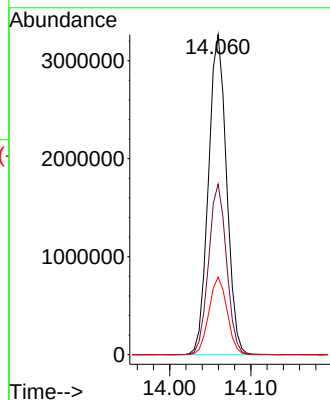
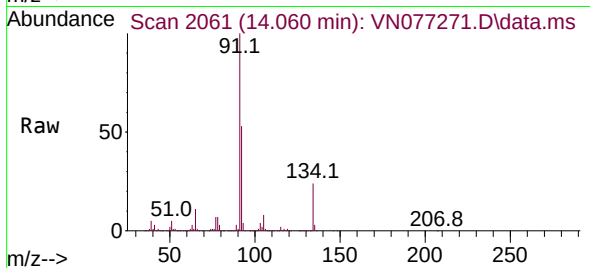
134 24.3 0.0 50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#86

Hexachloroethane

Concen: 178.573 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN077271.D

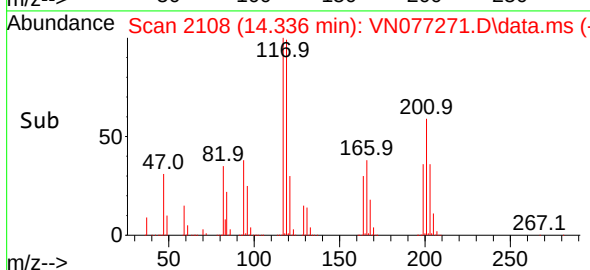
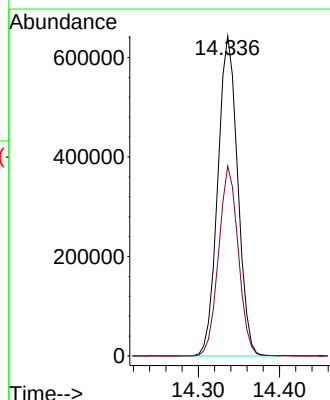
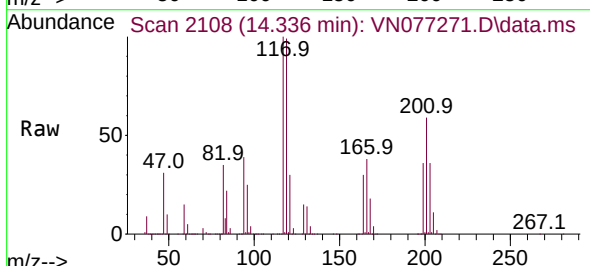
Acq: 07 Apr 2023 11:11

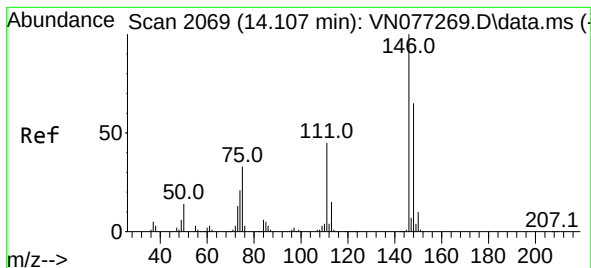
Tgt Ion:117 Resp: 1097687

Ion Ratio Lower Upper

117 100

201 58.5 32.2 96.6





#87

1,2-Dichlorobenzene

Concen: 148.575 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077271.D

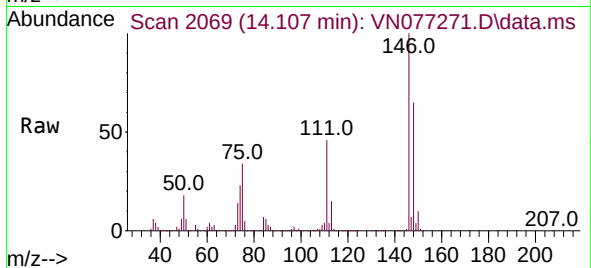
Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150



Tgt Ion:146 Resp: 254458

Ion Ratio Lower Upper

146 100

111 45.2 20.5 61.6

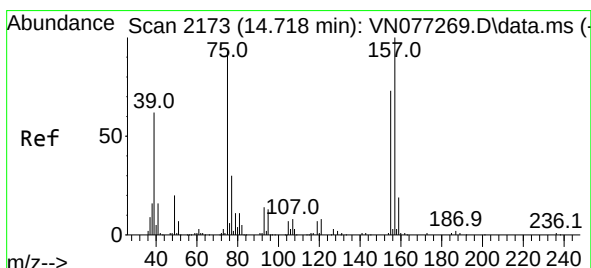
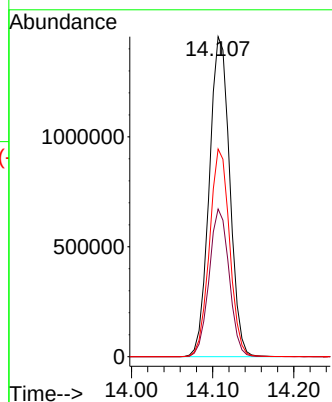
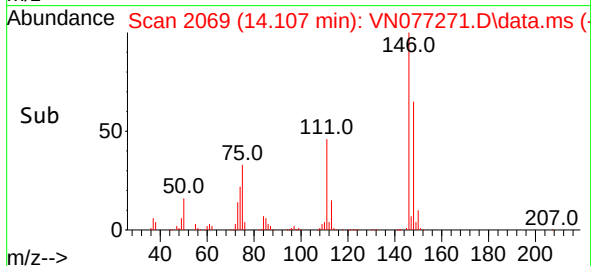
148 63.9 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 159.870 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

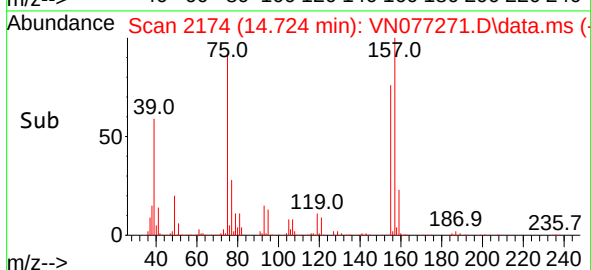
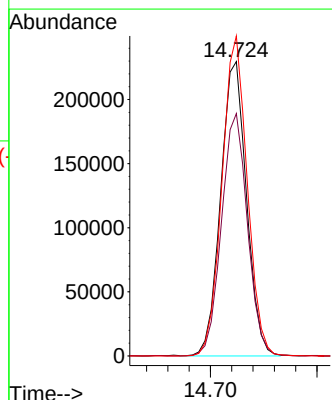
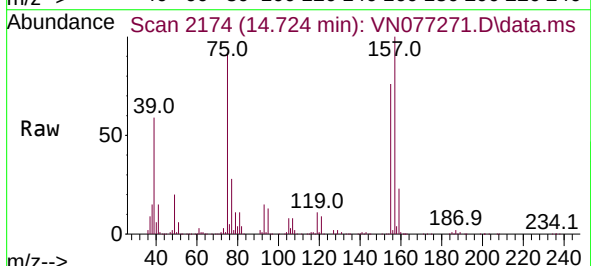
Tgt Ion: 75 Resp: 386174

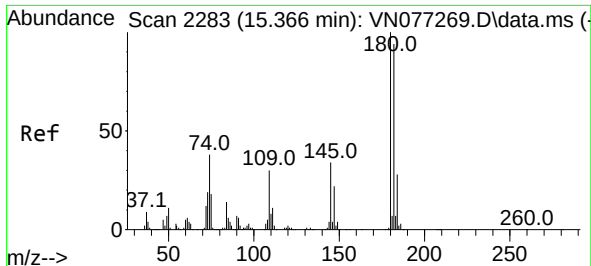
Ion Ratio Lower Upper

75 100

155 82.7 62.5 93.7

157 106.0 77.5 116.3





#89
1,2,4-Trichlorobenzene
Concen: 140.582 ug/l
RT: 15.371 min Scan# 21
Delta R.T. -0.024 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

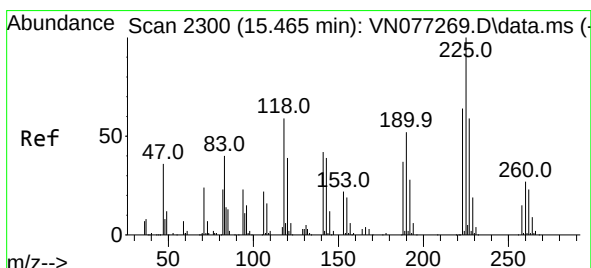
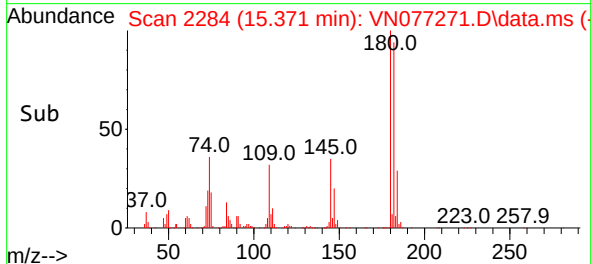
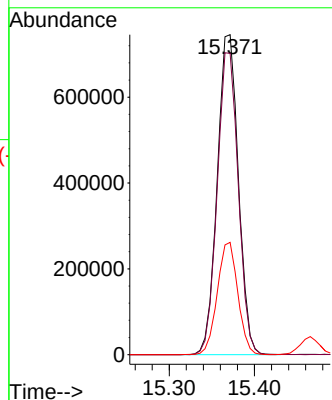
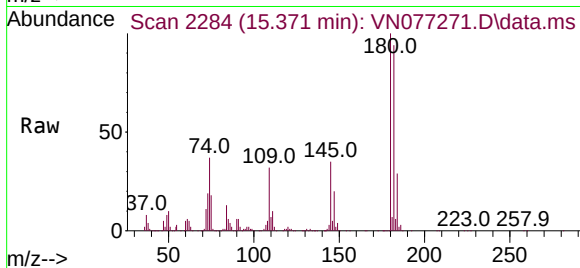
Tgt Ion:180 Resp: 128436
Ion Ratio Lower Upper
180 100
182 94.3 76.6 115.0
145 34.2 24.6 36.8

Manual Integrations

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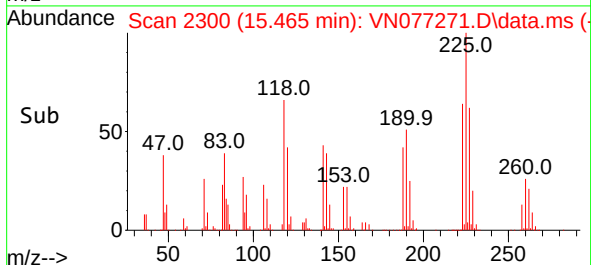
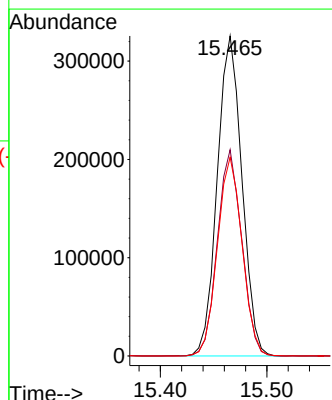
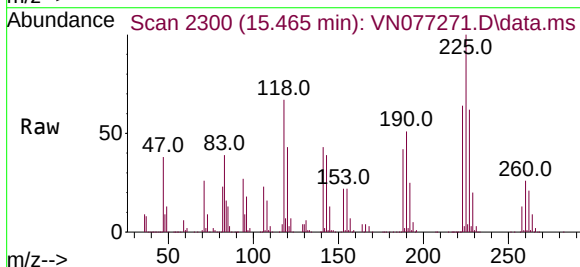
Reviewed By :John Carlone 04/10/2023

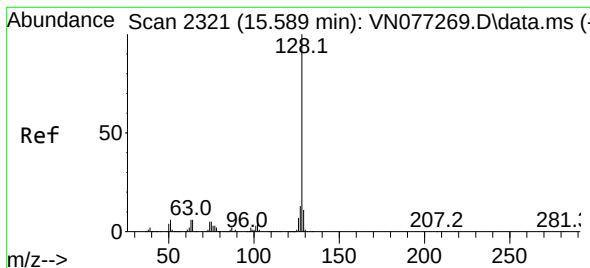
Supervised By :Semsettin Yesilyurt 04/10/2023



#90
Hexachlorobutadiene
Concen: 108.791 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. -0.036 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

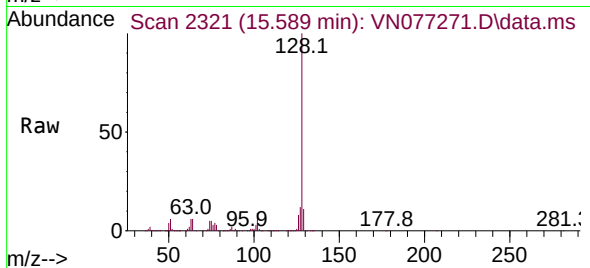
Tgt Ion:225 Resp: 523993
Ion Ratio Lower Upper
225 100
223 63.5 0.0 135.4
227 62.1 0.0 129.4





#91
Naphthalene
Concen: 164.620 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.053 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

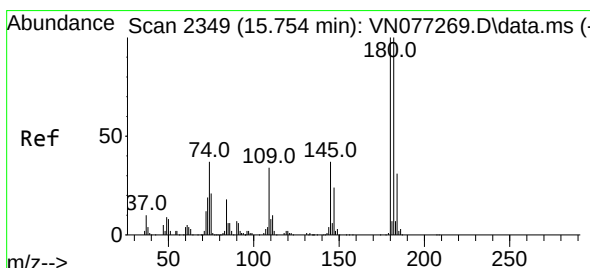
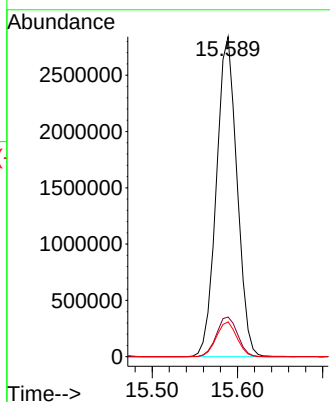
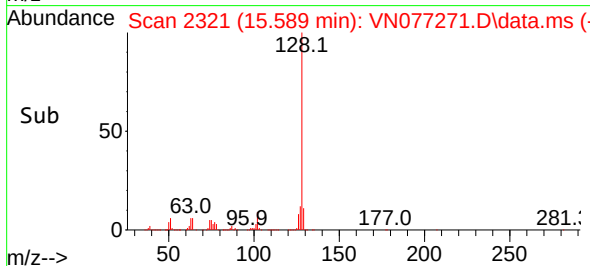
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 4770188
Ion Ratio Lower Upper
128 100
127 12.9 11.0 16.6
129 10.9 8.9 13.3

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 131.392 ug/l m
RT: 15.754 min Scan# 2349
Delta R.T. -0.088 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion:180 Resp: 1203410
Ion Ratio Lower Upper
180 100
182 0.0 0.0 190.8
145 0.0 0.0 65.0

