

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077273.D
 Acq On : 07 Apr 2023 12:17
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Apr 07 12:42:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 11:50:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	68521	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	529669	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	565419	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	175195	30.551	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.833%			
60) 4-Bromofluorobenzene	12.854	95	286299	28.656	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.533%			
63) Toluene-d8	10.572	98	613563	31.282	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.267%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	69364	11.359	ug/l	98
3) Chloromethane	2.372	50	96812	12.394	ug/l	92
4) Vinyl Chloride	2.525	62	134433	11.974	ug/l	97
5) Bromomethane	2.966	94	111318	14.620	ug/l	94
6) Chloroethane	3.125	64	93242	11.718	ug/l	96
7) Trichlorofluoromethane	3.501	101	122816	11.798	ug/l	96
8) Diethyl Ether	3.972	74	52210	11.629	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.378	101	80212	12.038	ug/l	96
10) 1,1-Dichloroethene	4.343	96	78440	11.875	ug/l #	78
11) Methyl Iodide	4.601	142	77111	9.707	ug/l	90
12) Methyl Acetate	5.031	43	110007	11.262	ug/l #	90
13) Acrolein	4.184	56	53817	42.067	ug/l	96
14) Acrylonitrile	5.731	53	192221	56.783	ug/l	98
15) Acetone	4.431	58	65645	52.768	ug/l	70
16) Carbon Disulfide	4.719	76	200309	11.387	ug/l	96
17) Allyl chloride	5.031	41	96848	11.241	ug/l	87
18) Methylene Chloride	5.290	84	91105	11.809	ug/l #	77
19) trans-1,2-Dichloroethene	5.790	96	85080	11.660	ug/l	81
20) Diisopropyl ether	6.684	45	234895	11.535	ug/l #	87
21) 1,1-Dichloroethane	6.572	63	147488	11.241	ug/l	98
22) cis-1,2-Dichloroethene	7.489	96	100799	11.347	ug/l	90
23) tert-Butyl Alcohol	5.525	59	84925m	56.619	ug/l	
24) Methyl tert-Butyl Ether	5.801	73	277151m	11.521	ug/l	
25) Chloroform	7.972	83	160944	11.527	ug/l	99
26) Cyclohexane	8.260	56	129032	11.459	ug/l #	73
29) 1,1-Dichloropropene	8.372	75	117298	10.754	ug/l	96
30) 2-Butanone	7.489	43	265494	51.898	ug/l #	89
31) 2,2-Dichloropropane	7.495	77	142861	10.629	ug/l #	56
32) 1,1,1-Trichloroethane	8.172	97	145417	10.898	ug/l	94
33) Carbon Tetrachloride	8.366	117	120744	10.476	ug/l	96
34) Benzene	8.613	78	367270	10.956	ug/l	97
35) Methacrylonitrile	7.784	41	50292	10.365	ug/l	85
36) 1,2-Dichloroethane	8.672	62	112802	10.688	ug/l	97
37) Trichloroethene	9.354	130	90006	10.867	ug/l	96
38) Methylcyclohexane	9.607	83	160581	10.825	ug/l	91
39) 1,2-Dichloropropane	9.625	63	90210	10.848	ug/l	97
40) Dibromomethane	9.713	93	65100	10.741	ug/l	97
41) Bromodichloromethane	9.889	83	129803	10.727	ug/l	94
42) Vinyl Acetate	6.613	43	792657	53.260	ug/l #	90

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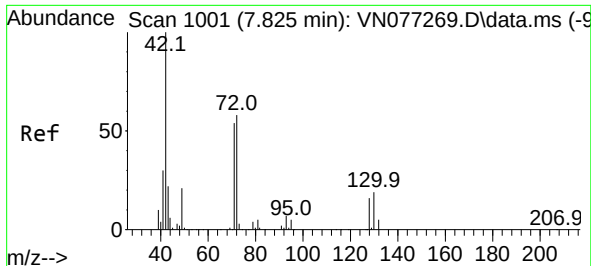
Manual Integrations
 APPROVED

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

Quant Time: Apr 07 12:42:13 2023
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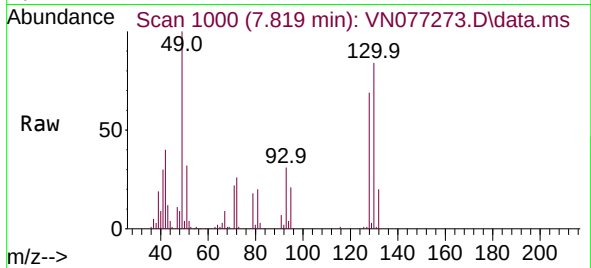
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	100232	10.508	ug/l	98
44) Isopropyl Acetate	8.695	43	183413	10.706	ug/l	91
45) 1,4-Dioxane	9.695	88	37669	212.856	ug/l #	87
46) Methyl methacrylate	9.683	41	80740	11.074	ug/l	80
47) n-amyl Acetate	12.495	43	155346	10.285	ug/l	98
48) t-1,3-Dichloropropene	10.842	75	142902	10.504	ug/l	98
49) cis-1,3-Dichloropropene	10.313	75	155602	10.828	ug/l #	85
50) 1,1,2-Trichloroethane	11.019	97	94185	10.839	ug/l	96
51) Ethyl methacrylate	10.877	69	142755	10.425	ug/l	85
52) 1,3-Dichloropropane	11.166	76	161273	11.092	ug/l	99
53) Dibromochloromethane	11.366	129	95600	10.331	ug/l	98
54) 1,2-Dibromoethane	11.472	107	94893	10.756	ug/l	98
55) 2-Chloroethyl vinyl ether	10.160	63	177245	41.233	ug/l	96
56) Bromoform	12.577	173	62700	9.883	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	546511	55.399	ug/l #	85
59) 2-Hexanone	11.201	43	420640	55.350	ug/l #	87
61) Tetrachloroethene	11.107	164	71394	11.321	ug/l	97
62) Toluene	10.630	91	416209	11.210	ug/l	99
64) Chlorobenzene	11.895	112	252401	11.202	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.960	131	92791	11.022	ug/l	96
66) Ethyl Benzene	11.966	91	459453	11.073	ug/l	91
67) m/p-Xylenes	12.071	106	363002	22.605	ug/l	97
68) o-Xylene	12.401	106	178411	11.071	ug/l	96
69) Styrene	12.413	104	277998	10.607	ug/l	99
70) Isopropylbenzene	12.701	105	445520	10.806	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.942	83	137144	10.907	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	98700m	11.420	ug/l	
73) Bromobenzene	12.983	156	93934	11.209	ug/l	99
74) n-propylbenzene	13.036	91	491647	10.644	ug/l	98
75) 2-Chlorotoluene	13.130	91	300116	11.008	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	360103	10.630	ug/l	96
77) t-1,4-Dichloro-2-butene	12.742	75	44753	9.876	ug/l	81
78) 4-Chlorotoluene	13.224	91	284570	10.945	ug/l	98
79) tert-butylbenzene	13.442	119	315816	10.781	ug/l	98
80) 1,2,4-Trimethylbenzene	13.489	105	348542	10.526	ug/l	95
81) sec-Butylbenzene	13.618	105	448329	10.608	ug/l	99
82) p-Isopropyltoluene	13.736	119	355888	10.454	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	171983	10.810	ug/l	98
84) 1,4-Dichlorobenzene	13.818	146	165553	10.709	ug/l	97
85) n-Butylbenzene	14.060	91	287384	9.957	ug/l	97
86) Hexachloroethane	14.336	117	77026	10.782	ug/l	91
87) 1,2-Dichlorobenzene	14.107	146	167178	10.723	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.724	75	24774	10.563	ug/l	93
89) 1,2,4-Trichlorobenzene	15.371	180	58966	9.344	ug/l	99
90) Hexachlorobutadiene	15.465	225	34426	10.519	ug/l	97
91) Naphthalene	15.589	128	220015	9.247	ug/l	99
92) 1,2,3-Trichlorobenzene	15.754	180	56044	9.174	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

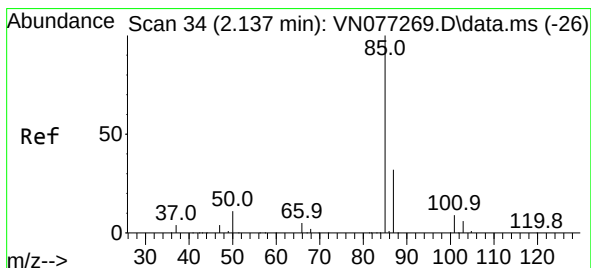
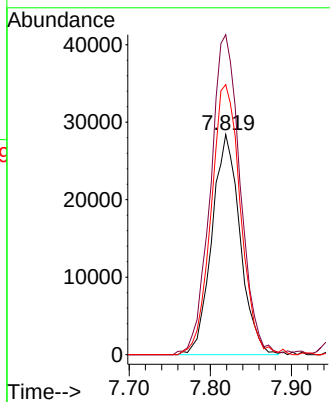
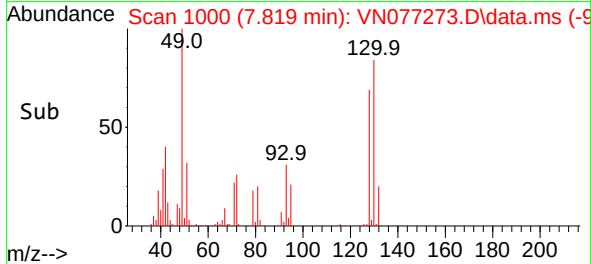
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:128 Resp: 6852
Ion Ratio Lower Upper
128 100
49 153.6 0.0 461.8
130 127.9 0.0 295.3

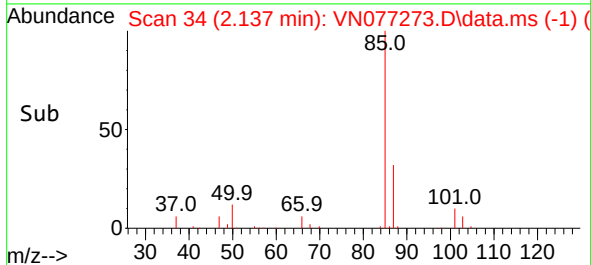
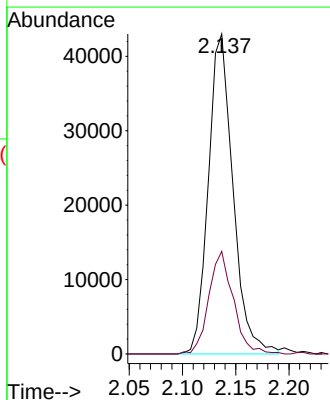
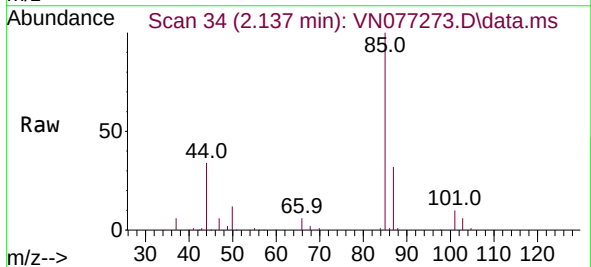
Manual Integrations
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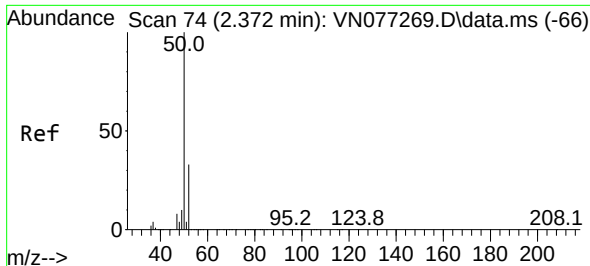
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#2
Dichlorodifluoromethane
Concen: 11.359 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

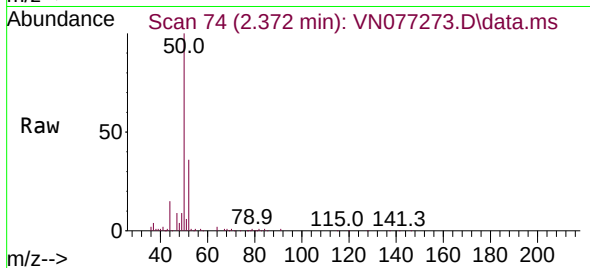
Tgt Ion: 85 Resp: 69364
Ion Ratio Lower Upper
85 100
87 32.1 15.4 46.1





#3
Chloromethane
Concen: 12.394 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

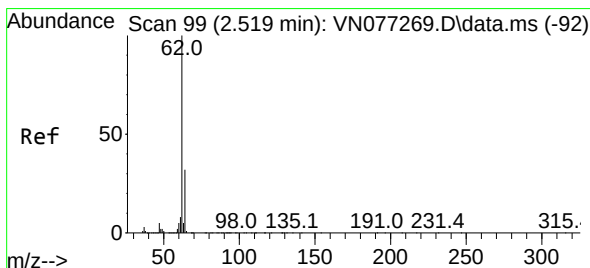
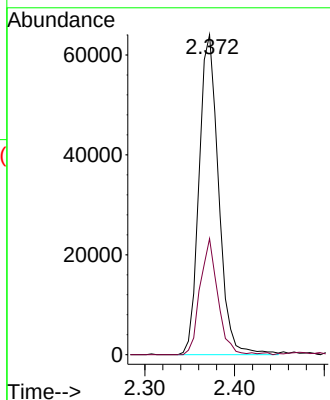
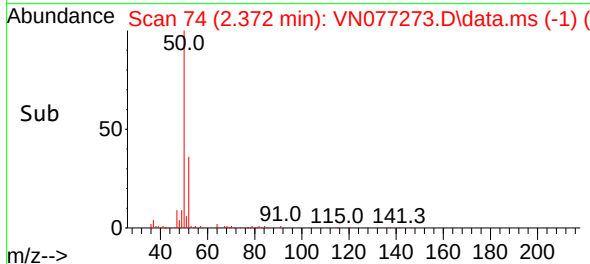
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



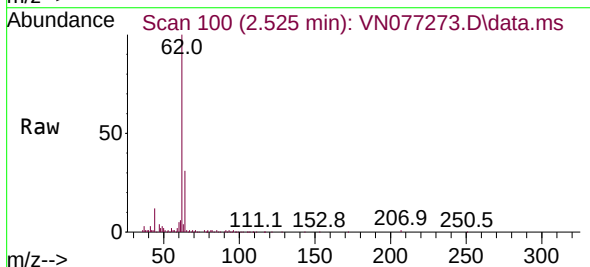
Tgt Ion: 50 Resp: 9681
Ion Ratio Lower Upper
50 100
52 36.2 25.3 37.9

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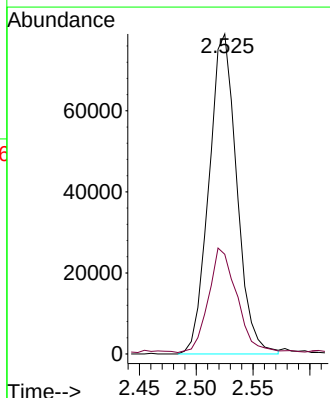
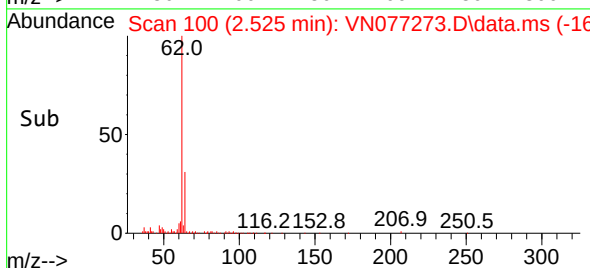
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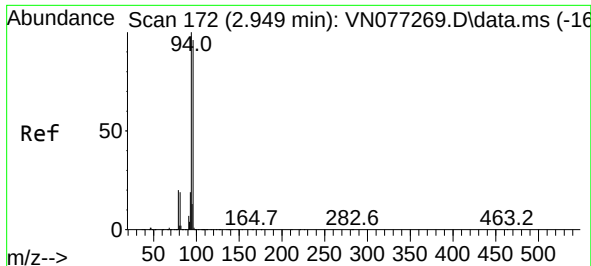


#4
Vinyl Chloride
Concen: 11.974 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17



Tgt Ion: 62 Resp: 134433
Ion Ratio Lower Upper
62 100
64 30.7 23.1 34.7





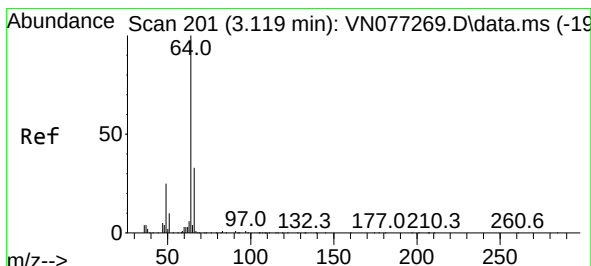
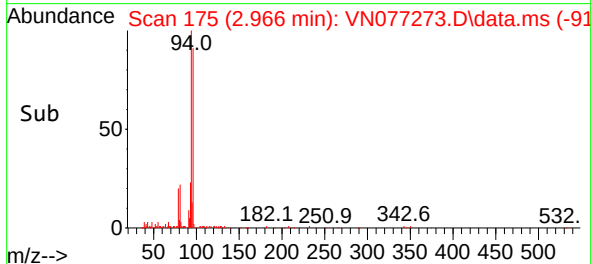
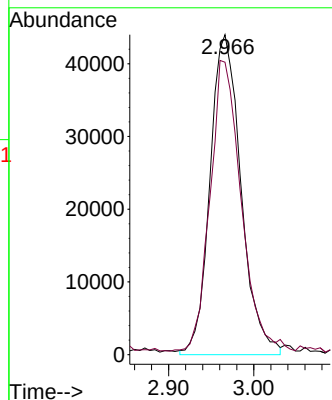
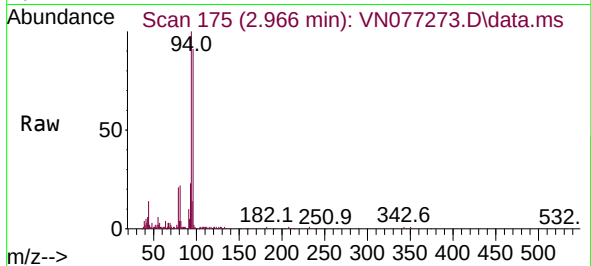
#5
Bromomethane
Concen: 14.620 ug/l
RT: 2.966 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 94 Resp: 111318
Ion Ratio Lower Upper
94 100
96 91.1 68.6 103.0

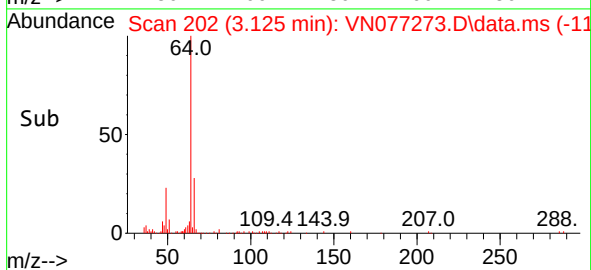
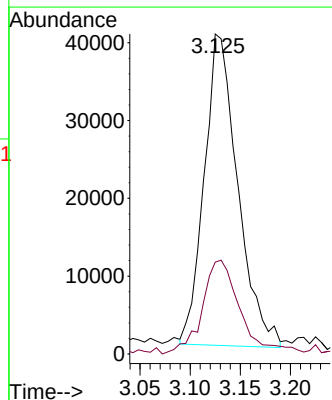
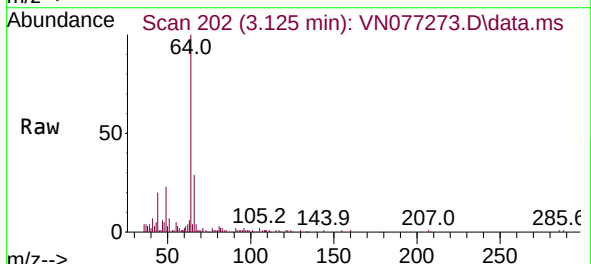
Manual Integrations
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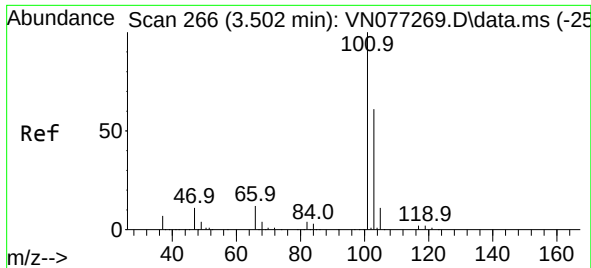
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#6
Chloroethane
Concen: 11.718 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.012 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

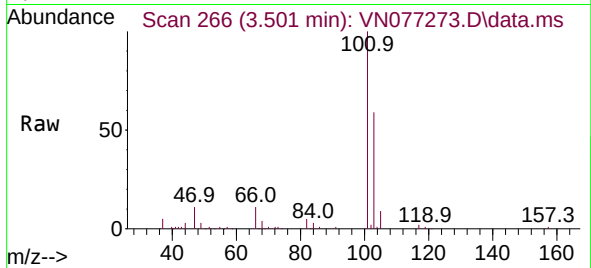
Tgt Ion: 64 Resp: 93242
Ion Ratio Lower Upper
64 100
66 27.4 23.8 35.6





#7
Trichlorofluoromethane
Concen: 11.798 ug/l
RT: 3.501 min Scan# 20
Delta R.T. -0.012 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

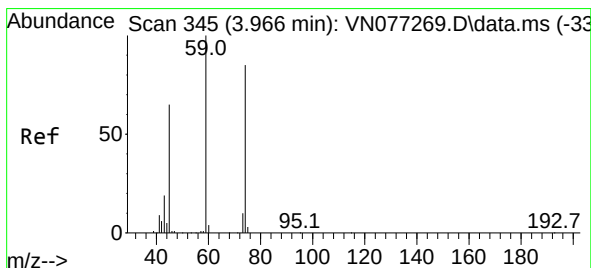
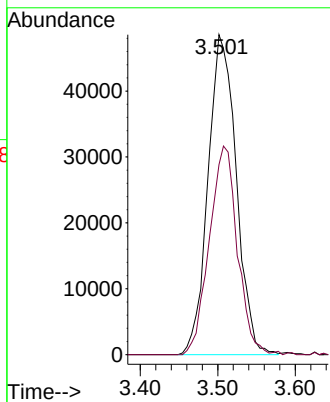
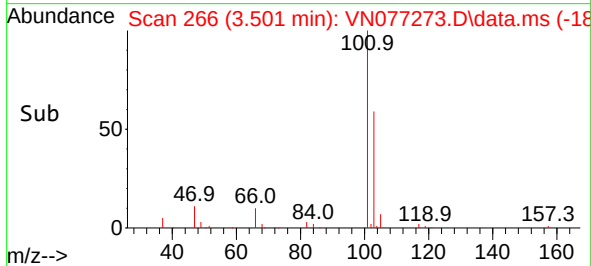
Instrument :
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Tgt Ion:101 Resp: 122810
Ion Ratio Lower Upper
101 100
103 59.4 50.2 75.2

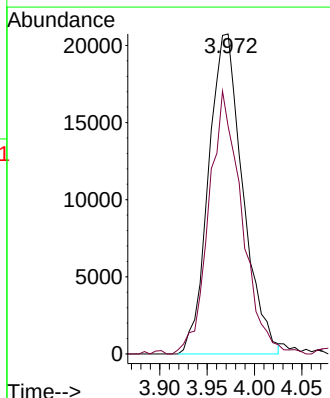
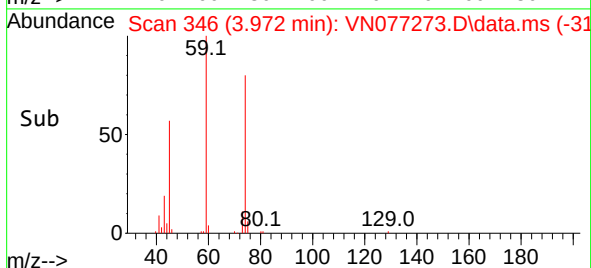
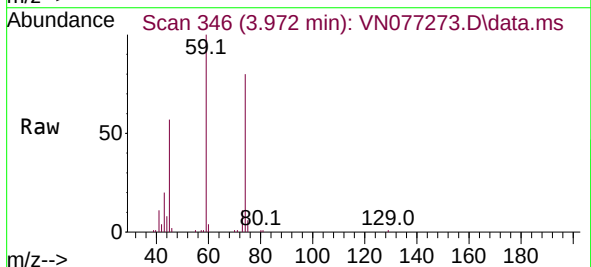
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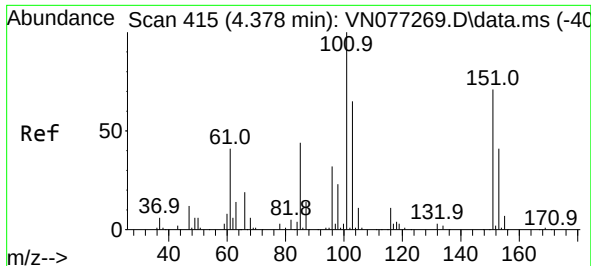
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#8
Diethyl Ether
Concen: 11.629 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 74 Resp: 52210
Ion Ratio Lower Upper
74 100
45 78.7 21.4 193.0





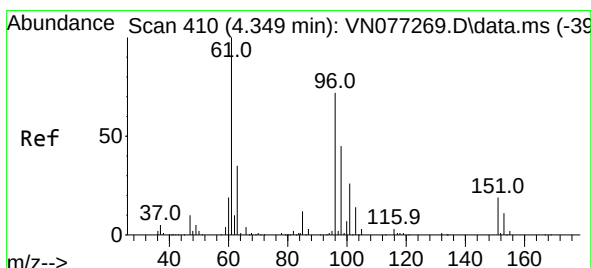
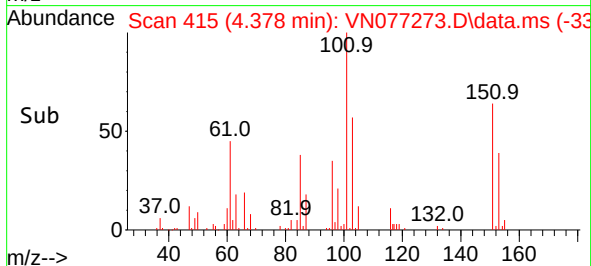
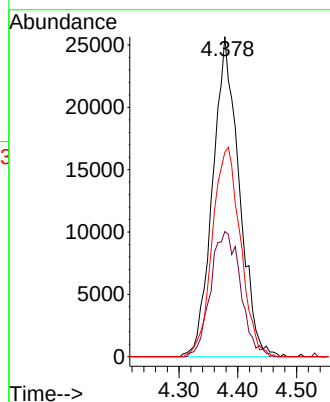
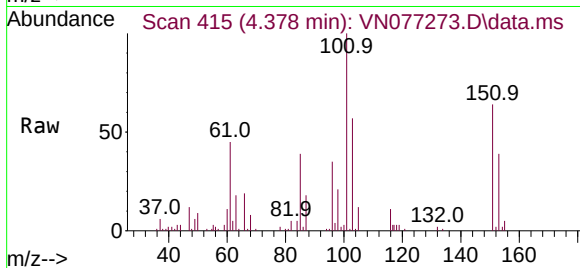
#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.038 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.012 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 8021
Ion Ratio Lower Upper
101 100
85 43.3 0.0 95.2
151 68.8 0.0 142.2

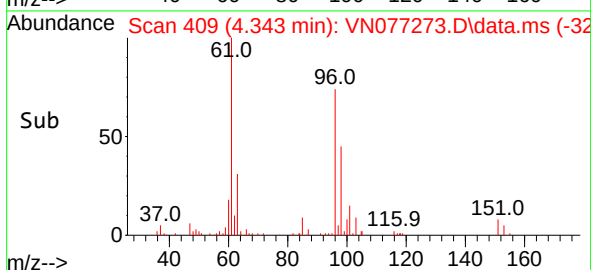
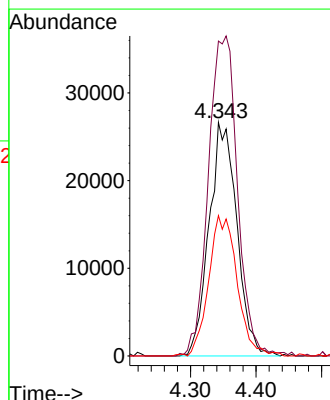
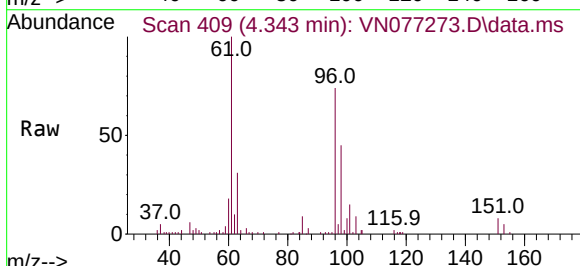
Manual Integrations
APPROVED

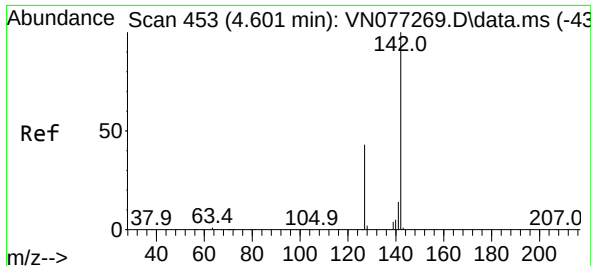
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#10
1,1-Dichloroethene
Concen: 11.875 ug/l
RT: 4.343 min Scan# 409
Delta R.T. -0.011 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

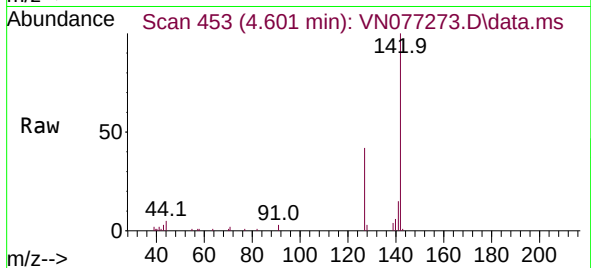
Tgt Ion: 96 Resp: 78440
Ion Ratio Lower Upper
96 100
61 133.7 137.1 205.7#
98 59.4 53.2 79.8





#11
Methyl Iodide
Concen: 9.707 ug/l
RT: 4.601 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

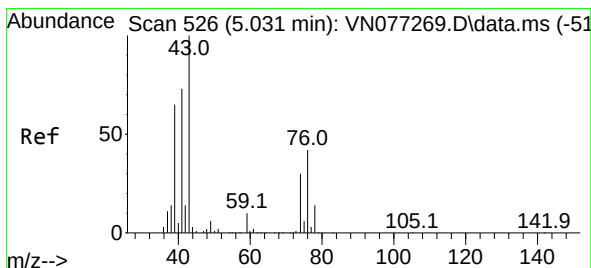
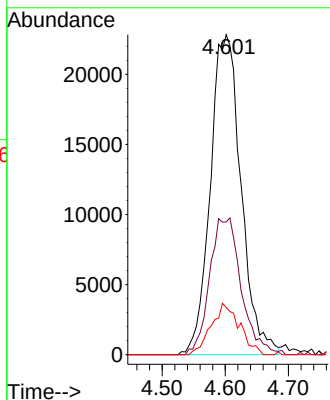
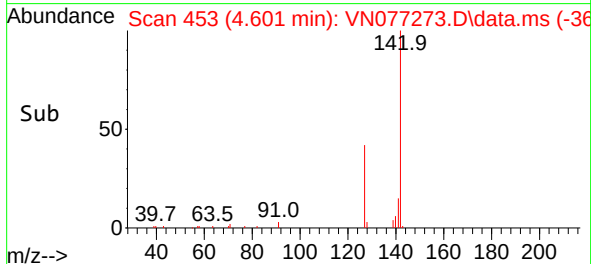
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:142 Resp: 7711
Ion Ratio Lower Upper
142 100
127 41.5 25.0 75.0
141 14.4 8.0 24.0

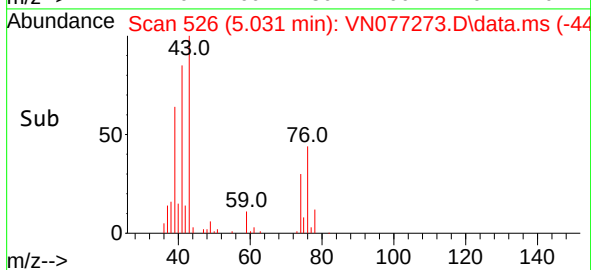
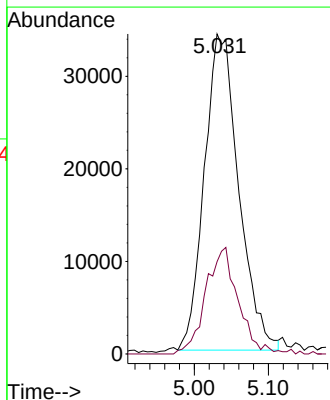
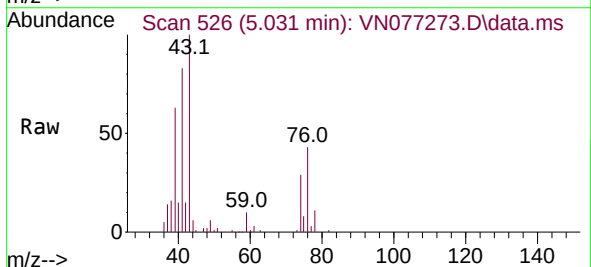
Manual Integrations
APPROVED

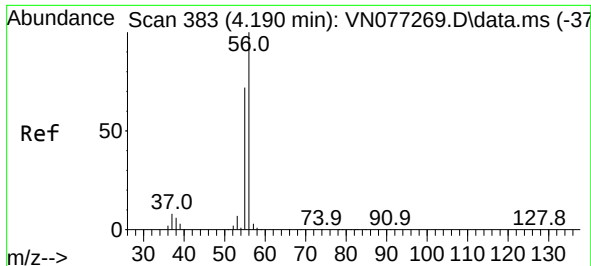
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#12
Methyl Acetate
Concen: 11.262 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 43 Resp: 110007
Ion Ratio Lower Upper
43 100
74 28.6 19.0 28.4#





#13

Acrolein

Concen: 42.067 ug/l

RT: 4.184 min Scan# 382

Delta R.T. -0.006 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 5381

Ion Ratio Lower Upper

56 100

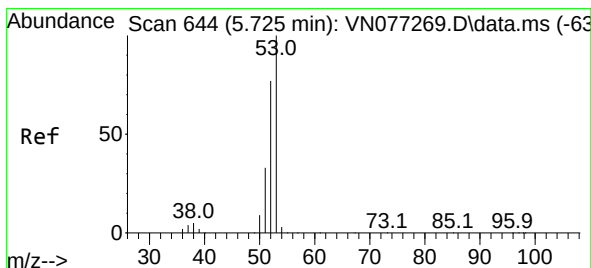
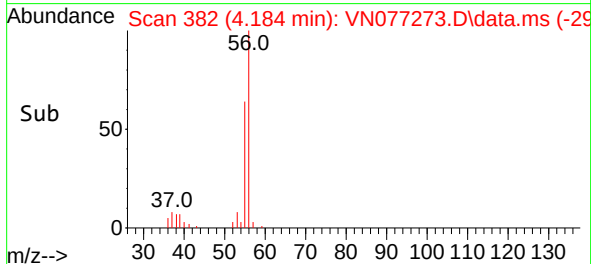
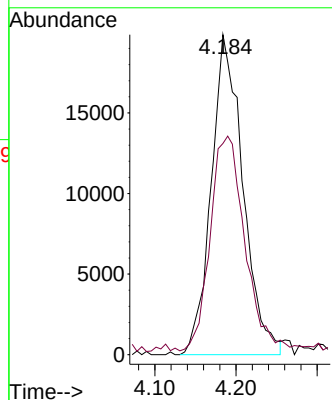
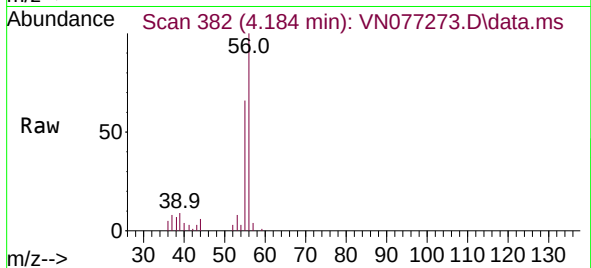
55 72.1 55.0 82.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#14

Acrylonitrile

Concen: 56.783 ug/l

RT: 5.731 min Scan# 645

Delta R.T. -0.006 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

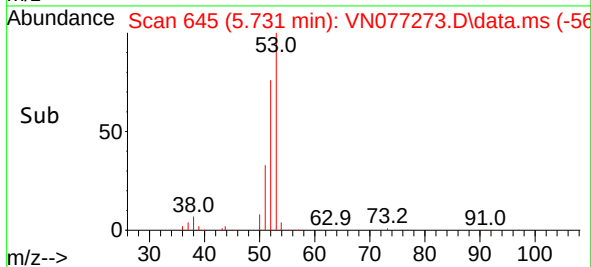
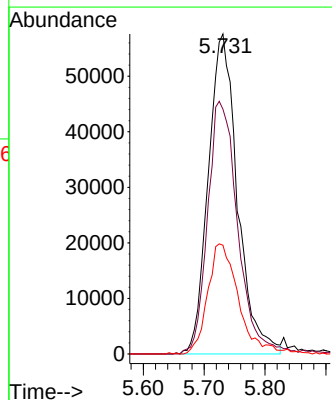
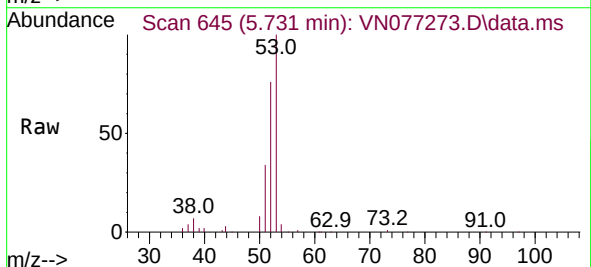
Tgt Ion: 53 Resp: 192221

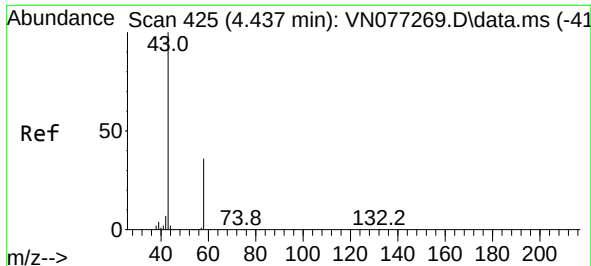
Ion Ratio Lower Upper

53 100

52 81.1 41.5 124.6

51 33.6 17.6 52.8





#15

Acetone

Concen: 52.768 ug/l

RT: 4.431 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 58 Resp: 6564

Ion Ratio Lower Upper

58 100

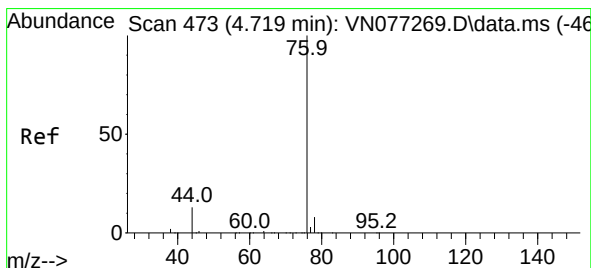
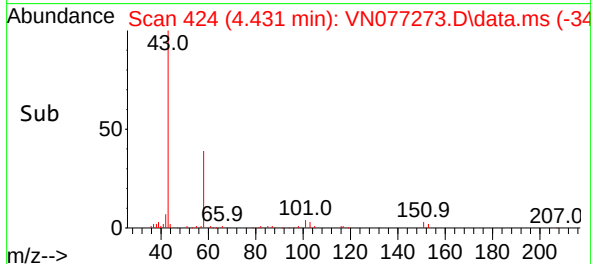
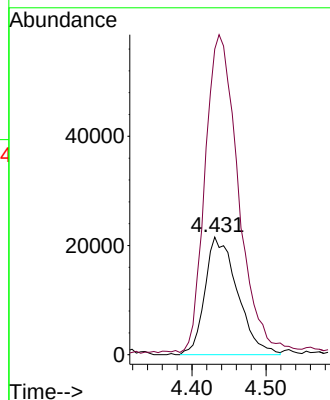
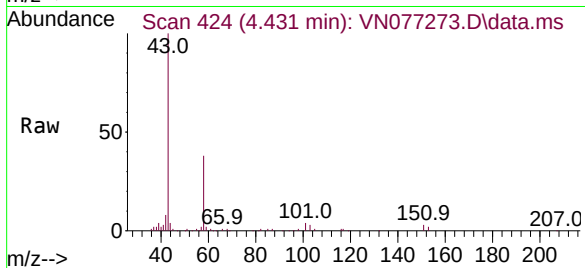
43 258.0 255.4 383.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#16

Carbon Disulfide

Concen: 11.387 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.012 min

Lab File: VN077273.D

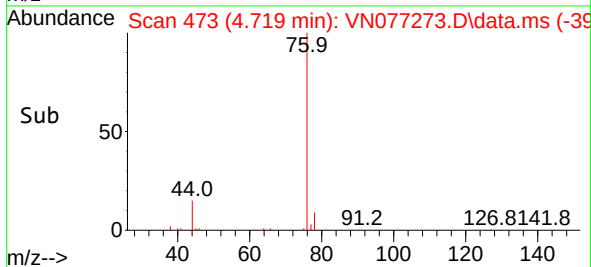
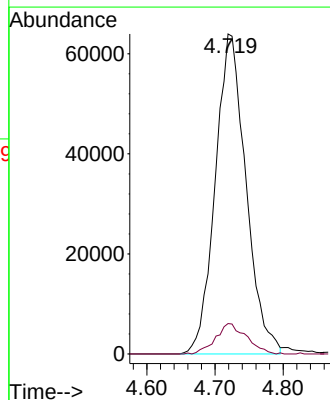
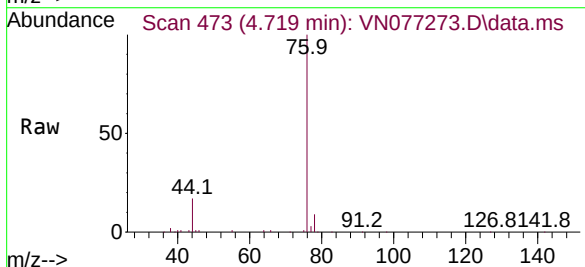
Acq: 07 Apr 2023 12:17

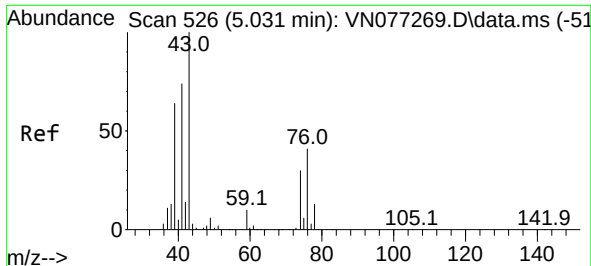
Tgt Ion: 76 Resp: 200309

Ion Ratio Lower Upper

76 100

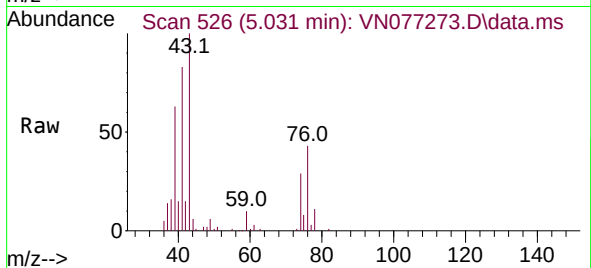
78 9.5 6.6 9.8





#17
Allyl chloride
Concen: 11.241 ug/l
RT: 5.031 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

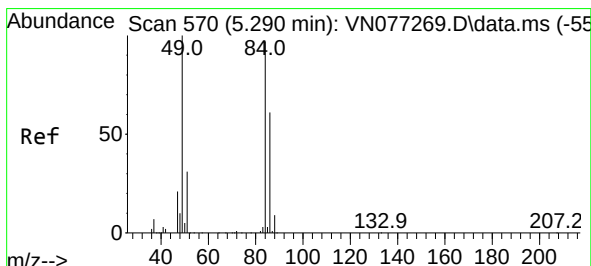
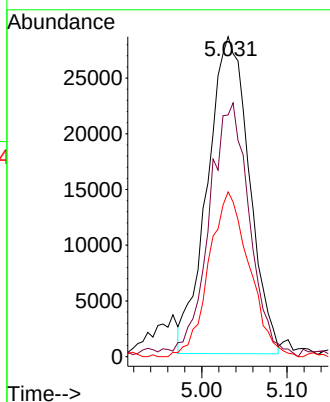
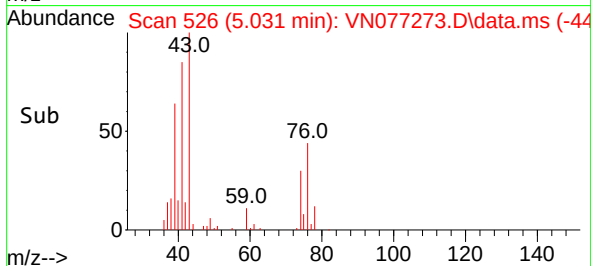
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 41 Resp: 9684
Ion Ratio Lower Upper
41 100
39 73.8 34.8 104.3
76 51.8 17.5 52.5

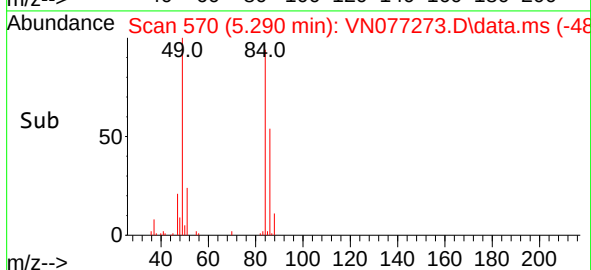
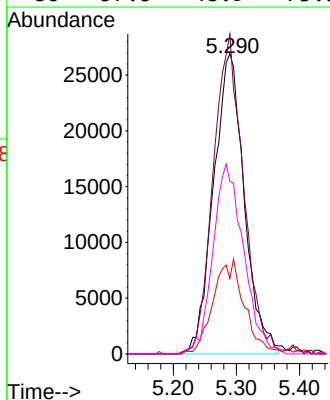
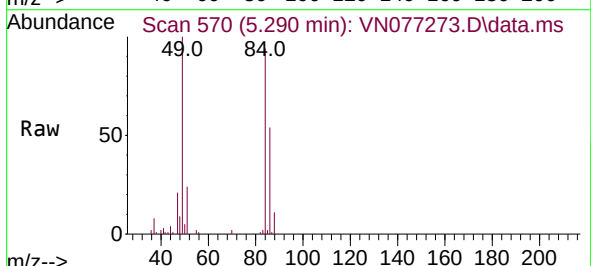
Manual Integrations
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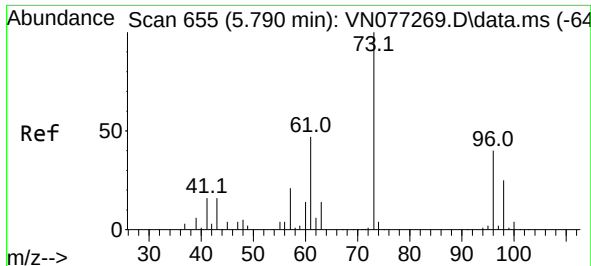
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#18
Methylene Chloride
Concen: 11.809 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.005 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 84 Resp: 91105
Ion Ratio Lower Upper
84 100
49 106.5 113.8 170.6#
51 25.1 34.2 51.4#
86 57.5 48.9 73.3





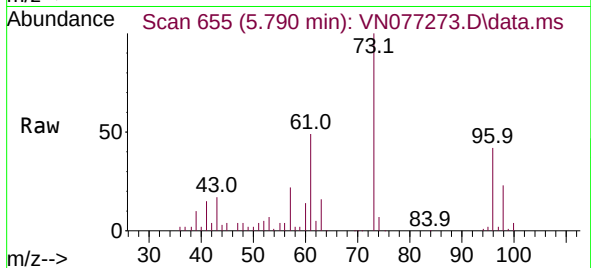
#19
trans-1,2-Dichloroethene
Concen: 11.660 ug/l
RT: 5.790 min Scan# 61
Delta R.T. -0.011 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010



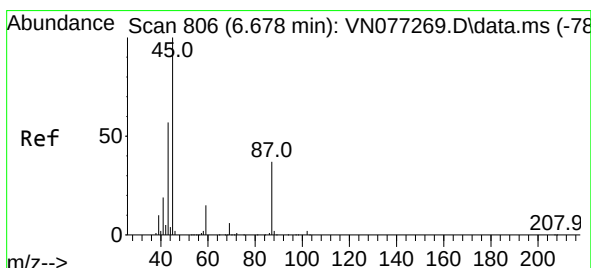
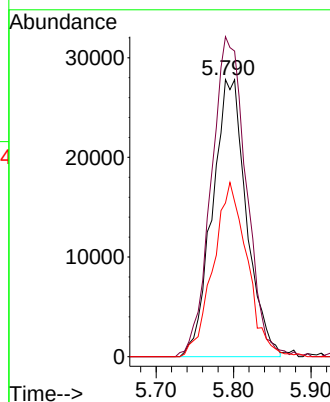
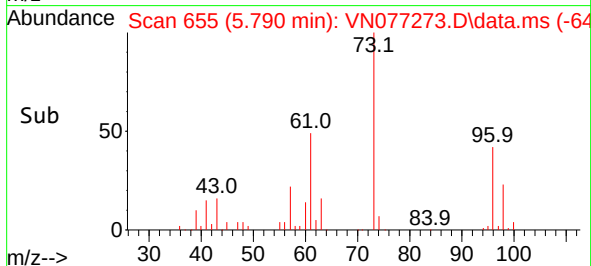
Tgt Ion: 96 Resp: 85080
Ion Ratio Lower Upper
96 100
61 114.0 111.0 166.4
98 55.5 55.0 82.6

Manual Integrations

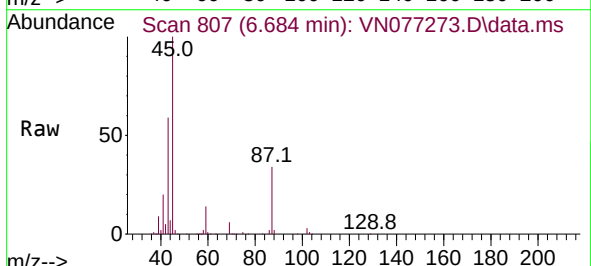
APPROVED

Reviewed By :John Carlone 04/10/2023

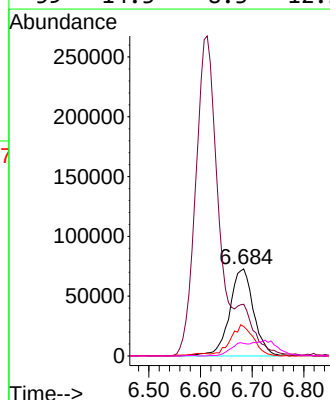
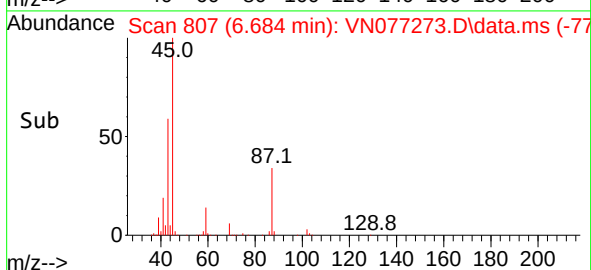
Supervised By :Semsettin Yesilyurt 04/10/2023

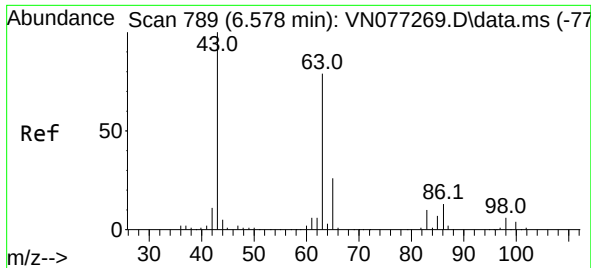


#20
Diisopropyl ether
Concen: 11.535 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.005 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17



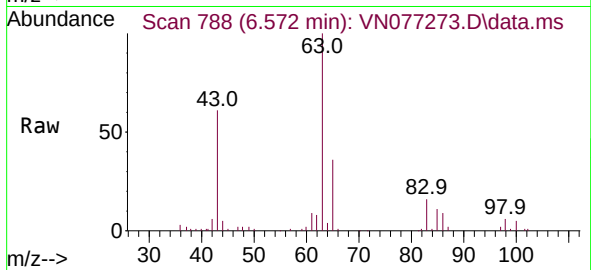
Tgt Ion: 45 Resp: 234895
Ion Ratio Lower Upper
45 100
43 56.1 38.6 58.0
87 33.8 20.1 30.1#
59 14.3 8.3 12.5#





#21
1,1-Dichloroethane
Concen: 11.241 ug/l
RT: 6.572 min Scan# 788
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

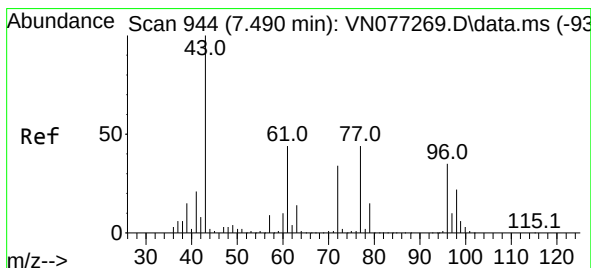
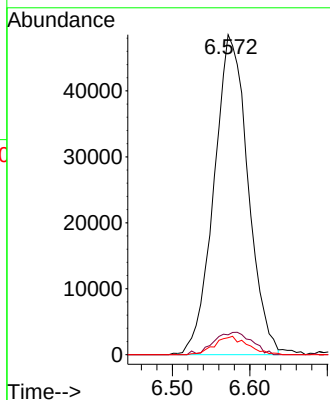
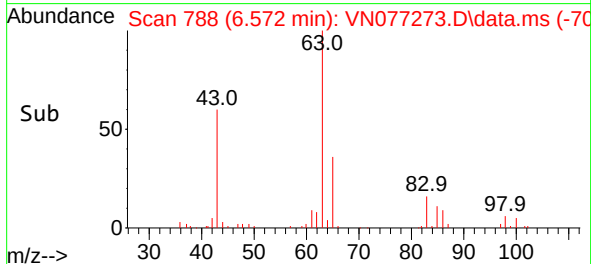
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



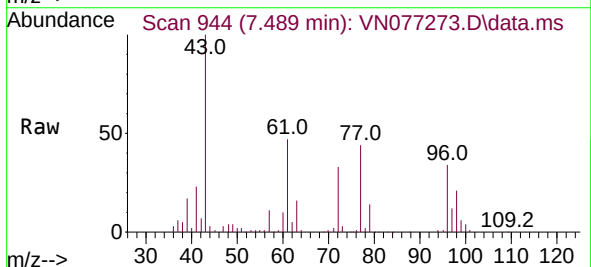
Tgt Ion: 63 Resp: 147488
Ion Ratio Lower Upper
63 100
98 6.2 3.6 10.9
100 5.3 2.6 7.8

Manual Integrations
APPROVED

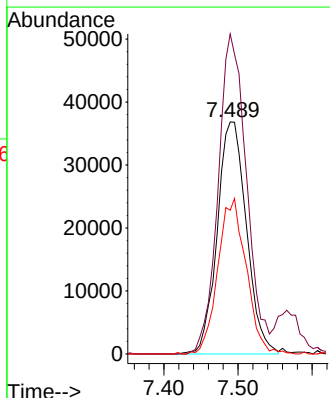
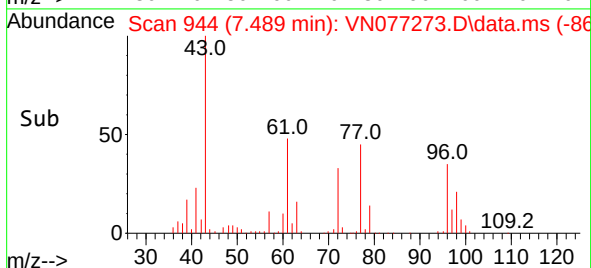
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

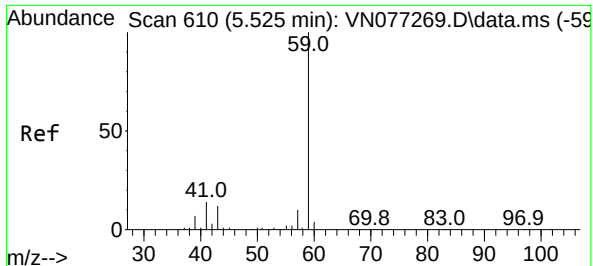


#22
cis-1,2-Dichloroethene
Concen: 11.347 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17



Tgt Ion: 96 Resp: 100799
Ion Ratio Lower Upper
96 100
61 133.9 121.0 181.4
98 64.3 50.1 75.1





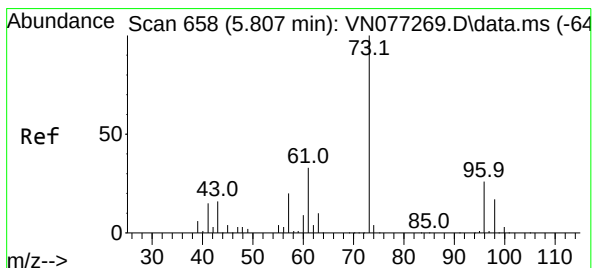
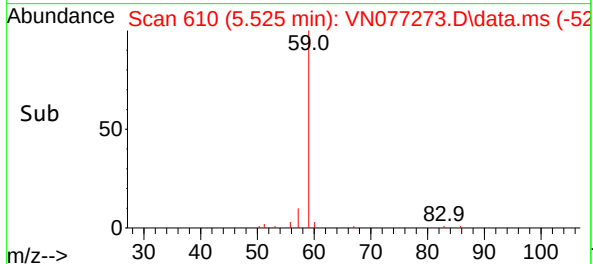
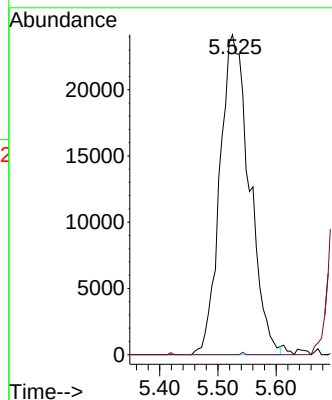
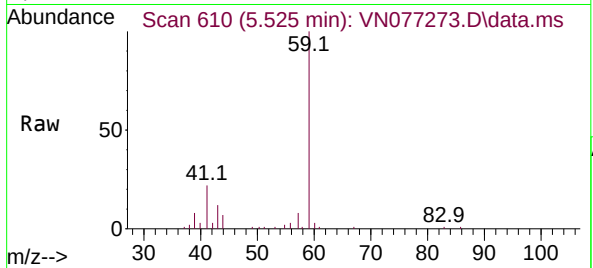
#23
tert-Butyl Alcohol
Concen: 56.619 ug/l m
RT: 5.525 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 84925
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.25

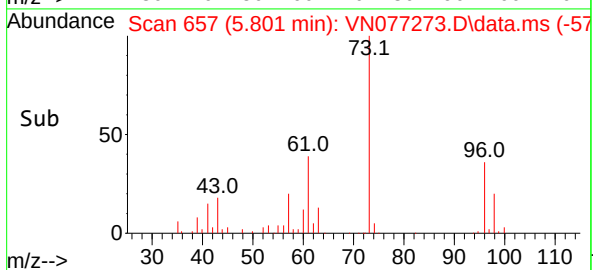
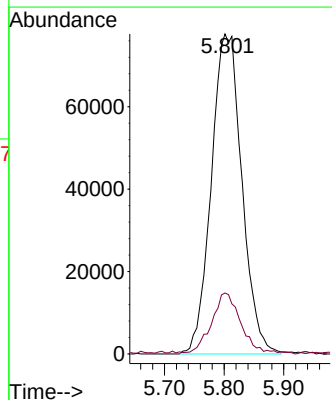
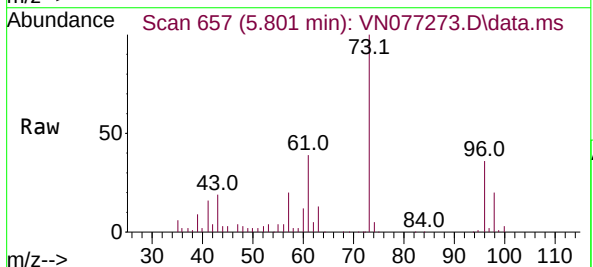
Manual Integrations
APPROVED

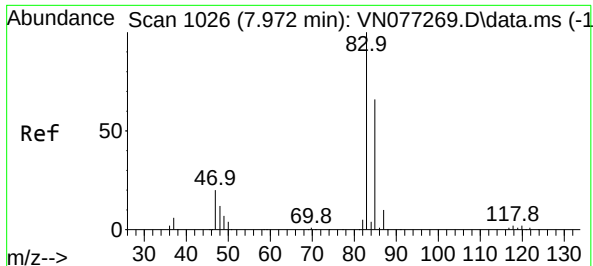
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#24
Methyl tert-Butyl Ether
Concen: 11.521 ug/l m
RT: 5.801 min Scan# 657
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 73 Resp: 277151
Ion Ratio Lower Upper
73 100
43 17.3 17.8 26.6#





#25

Chloroform

Concen: 11.527 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 160944

Ion Ratio Lower Upper

83 100

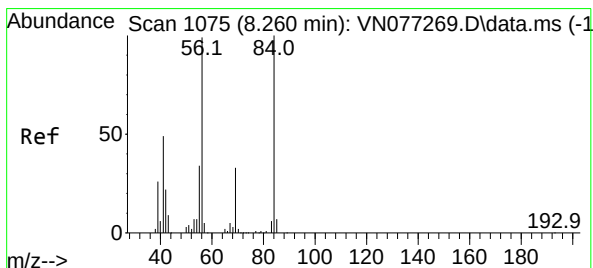
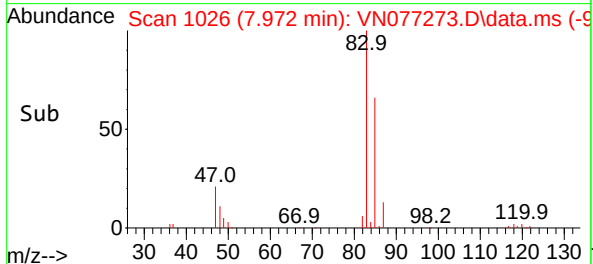
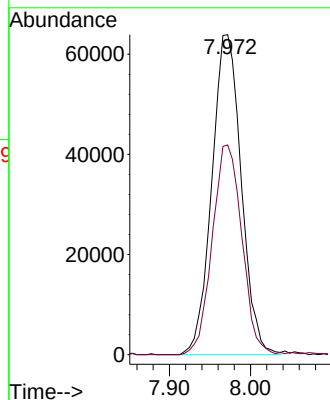
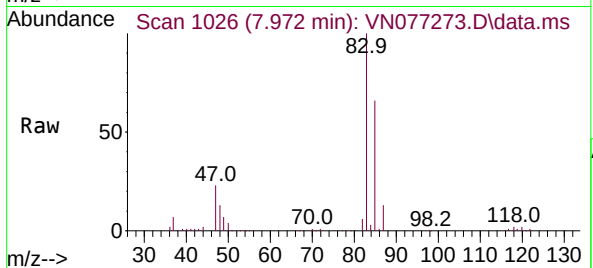
85 65.5 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#26

Cyclohexane

Concen: 11.459 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

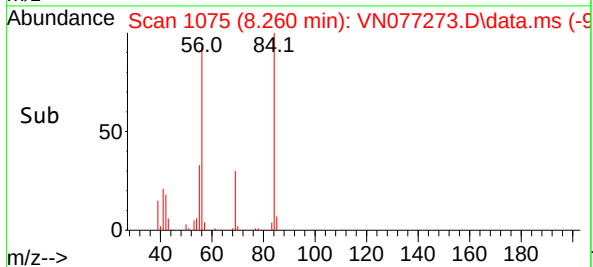
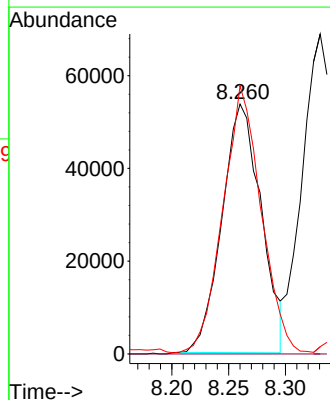
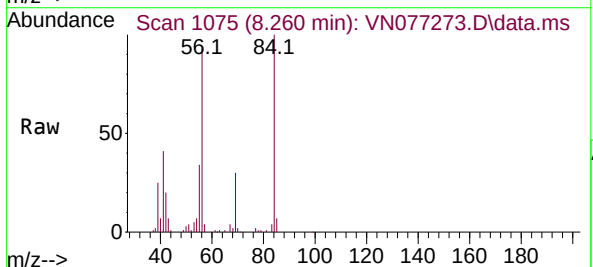
Tgt Ion: 56 Resp: 129032

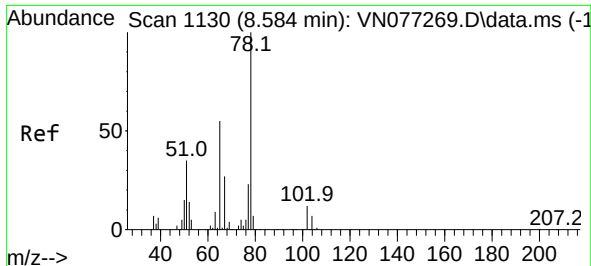
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 105.4 65.3 97.9#





#27

1,2-Dichloroethane-d4

Concen: 30.551 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 17519

Ion Ratio Lower Upper

65 100

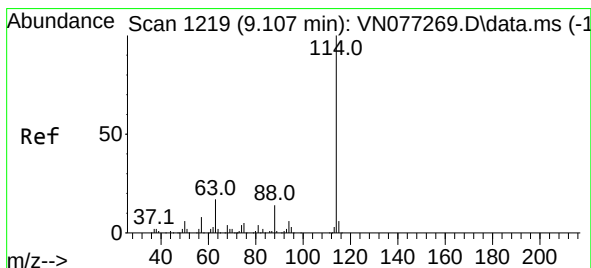
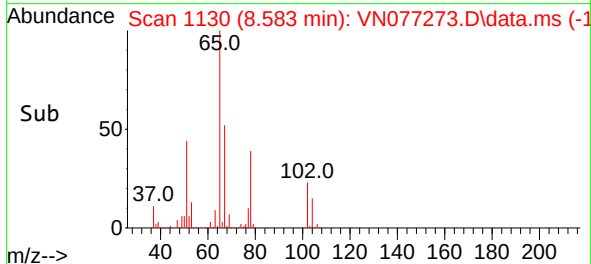
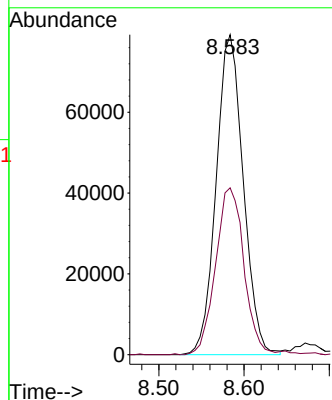
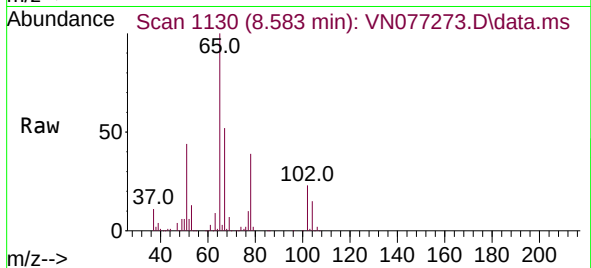
67 54.4 40.9 61.3

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: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

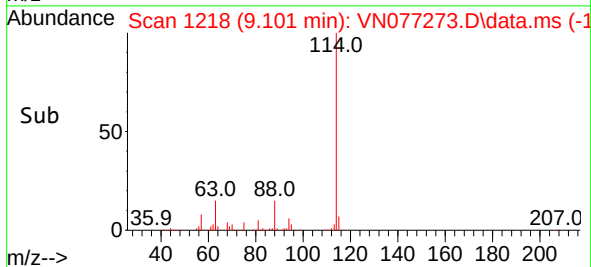
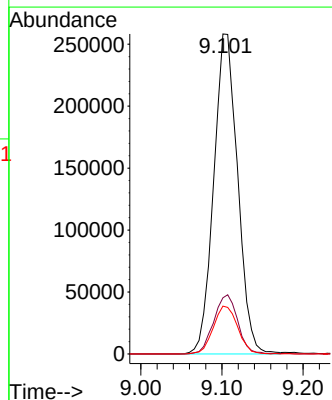
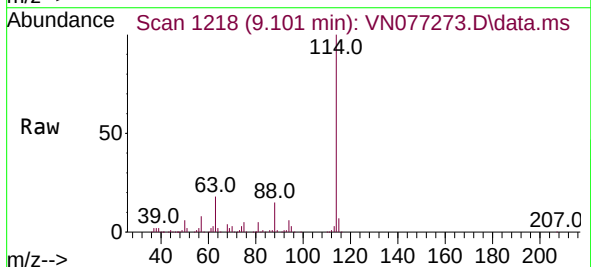
Tgt Ion:114 Resp: 529669

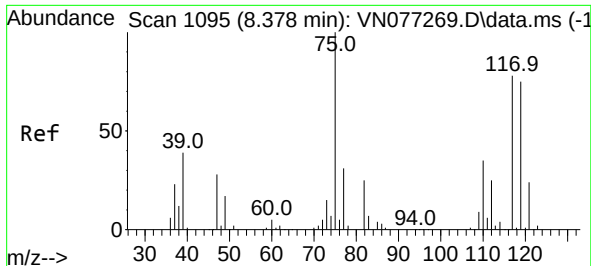
Ion Ratio Lower Upper

114 100

63 18.5 17.0 25.4

88 15.2 11.6 17.4





#29

1,1-Dichloropropene

Concen: 10.754 ug/l

RT: 8.372 min Scan# 1094

Delta R.T. -0.006 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 75 Resp: 117298

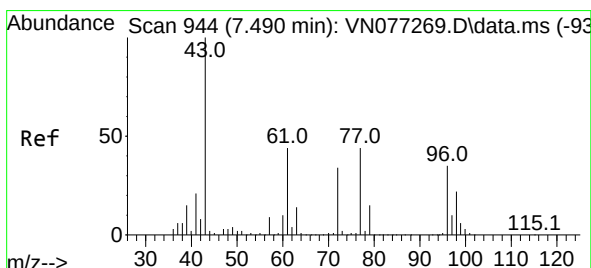
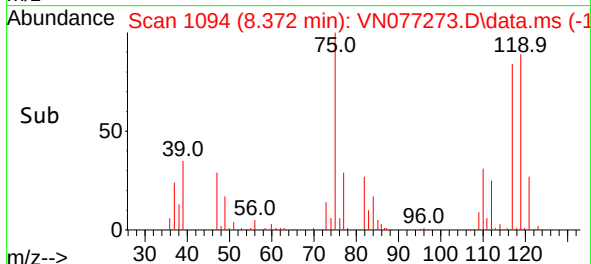
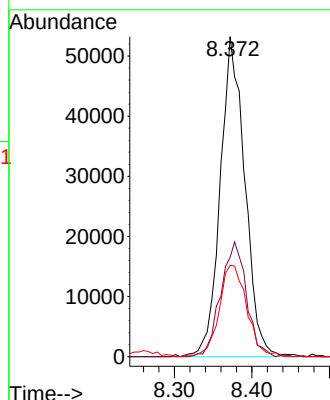
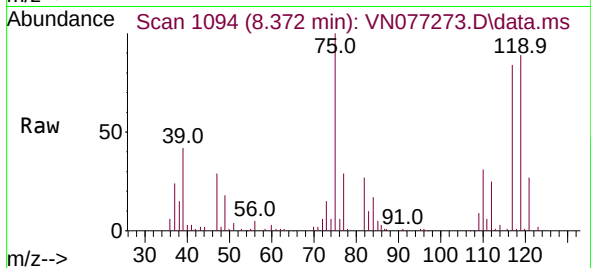
Ion	Ratio	Lower	Upper
75	100		
110	37.2	0.0	67.2
77	31.3	0.0	64.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#30

2-Butanone

Concen: 51.898 ug/l

RT: 7.489 min Scan# 944

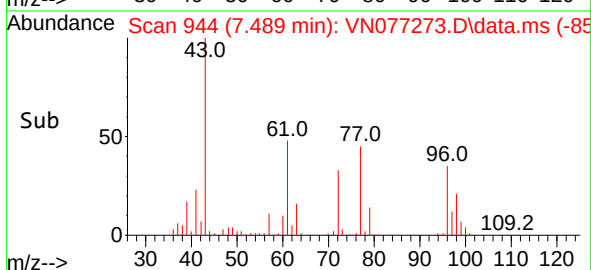
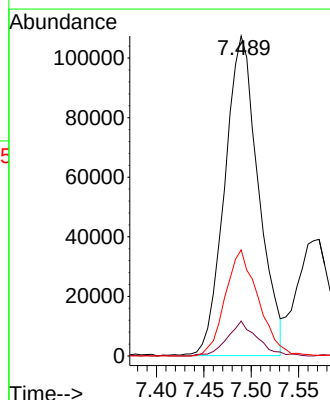
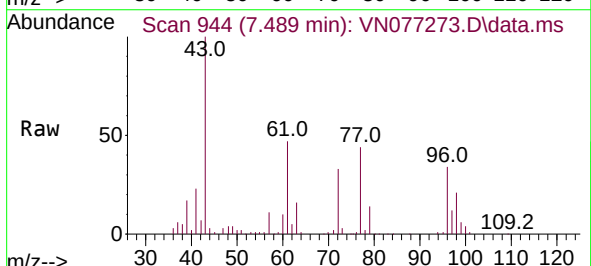
Delta R.T. 0.000 min

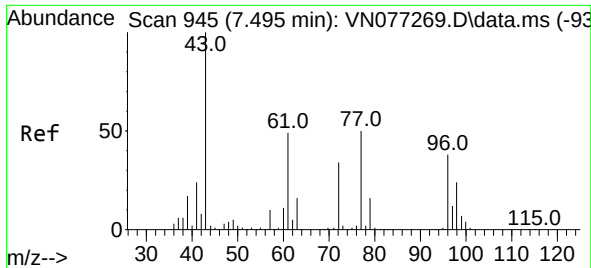
Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Tgt Ion: 43 Resp: 265494

Ion	Ratio	Lower	Upper
43	100		
57	8.4	6.1	9.1
72	32.4	20.2	30.4





#31

2,2-Dichloropropane

Concen: 10.629 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.006 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 77 Resp: 14286

Ion Ratio Lower Upper

77 100

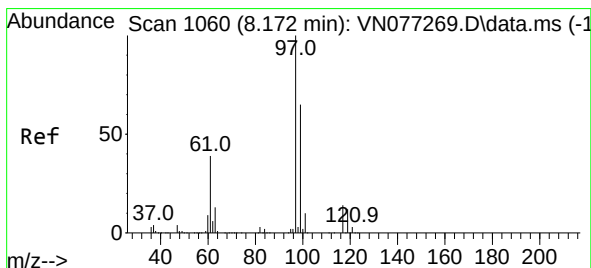
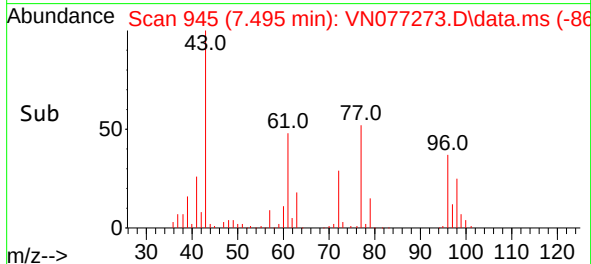
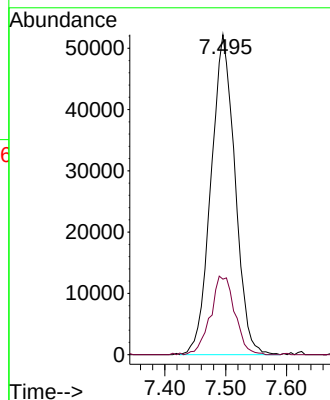
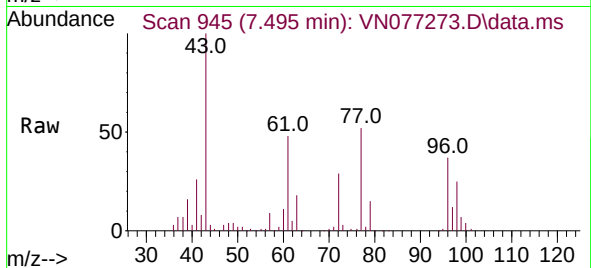
97 24.9 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#32

1,1,1-Trichloroethane

Concen: 10.898 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

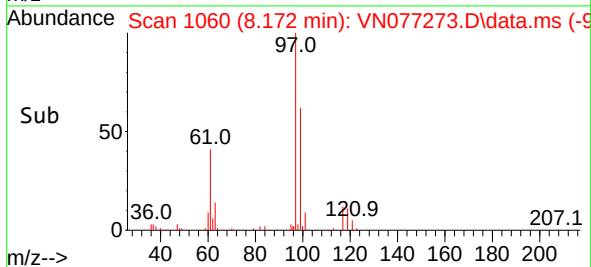
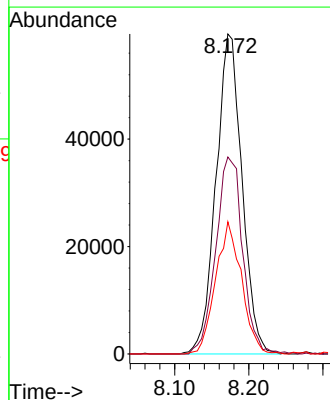
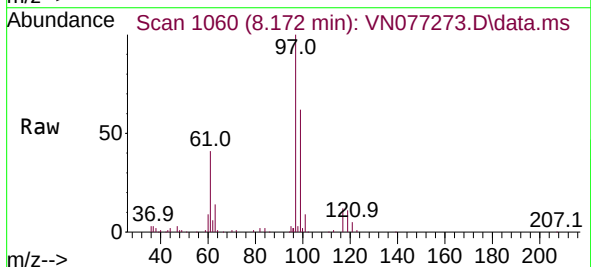
Tgt Ion: 97 Resp: 145417

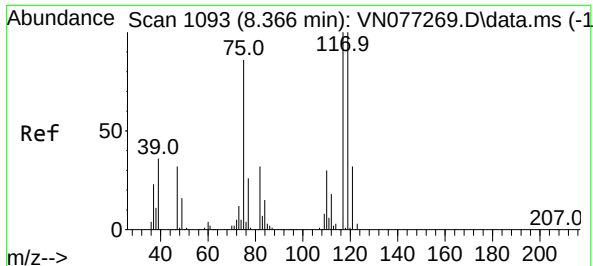
Ion Ratio Lower Upper

97 100

99 63.7 51.8 77.8

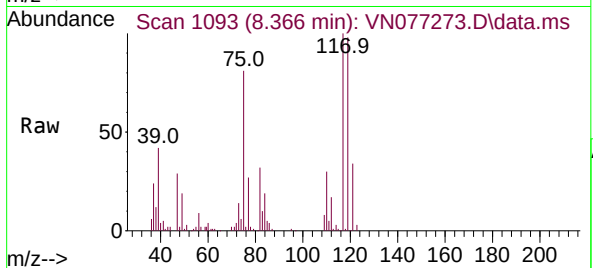
61 41.1 39.3 58.9





#33
Carbon Tetrachloride
Concen: 10.476 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

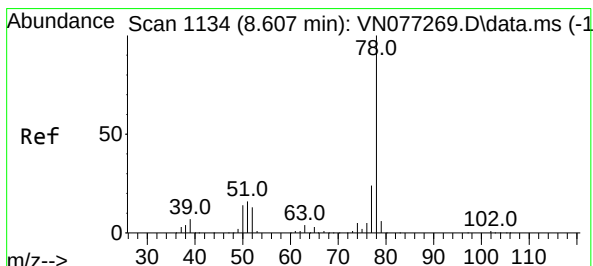
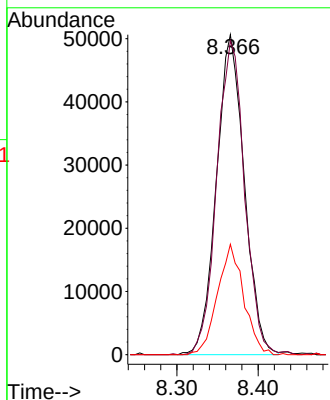
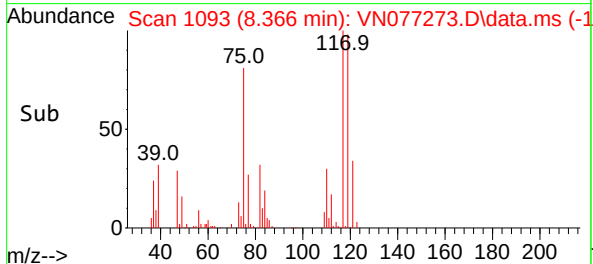
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



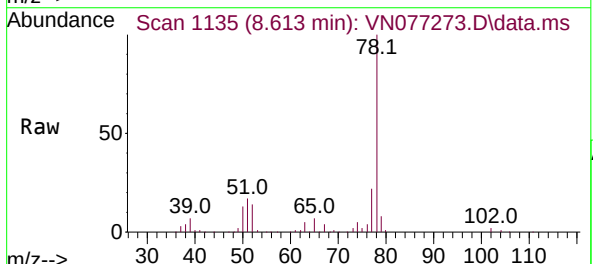
Tgt Ion: 117 Resp: 120744
Ion Ratio Lower Upper
117 100
119 98.1 79.8 119.8
121 34.5 23.4 35.0

Manual Integrations
APPROVED

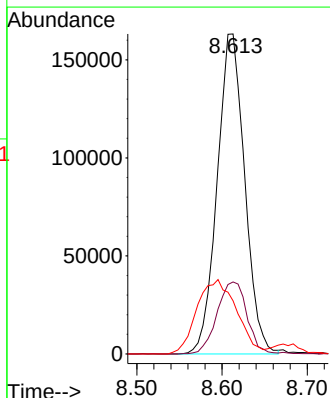
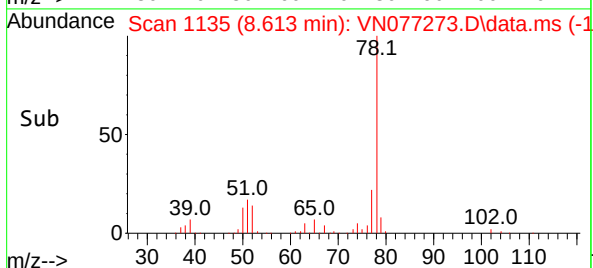
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

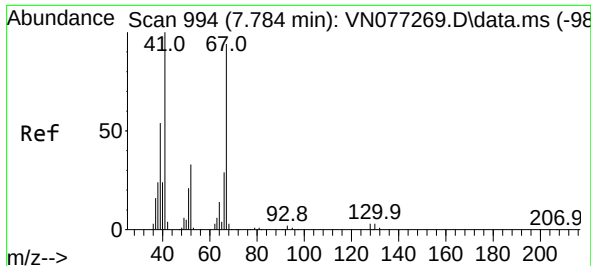


#34
Benzene
Concen: 10.956 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17



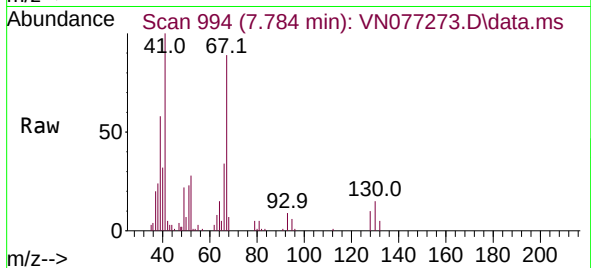
Tgt Ion: 78 Resp: 367270
Ion Ratio Lower Upper
78 100
77 22.5 17.4 26.2
51 15.4 13.8 20.6





#35
Methacrylonitrile
Concen: 10.365 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

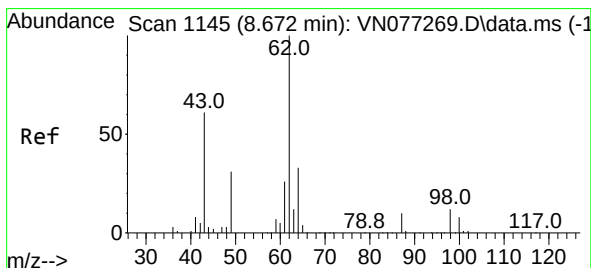
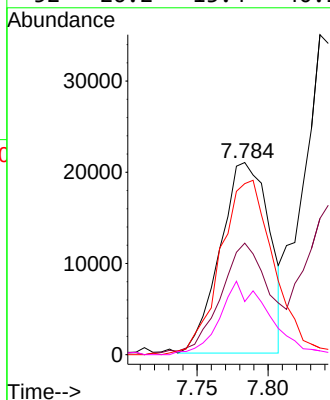
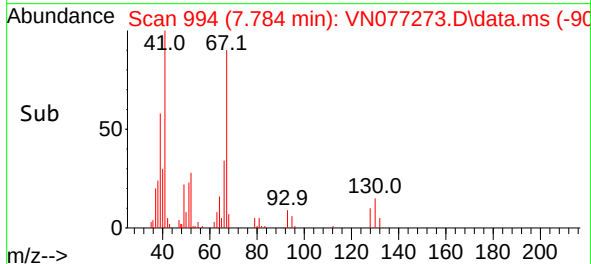
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:	41	Resp:	5029
Ion Ratio	100	Lower	Upper
39	56.7	26.6	79.7
67	87.7	32.3	96.9
52	26.2	13.4	40.1

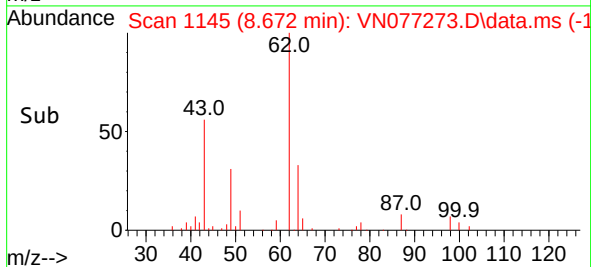
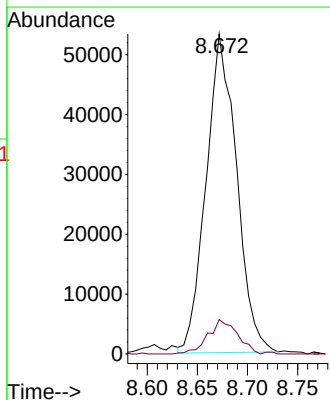
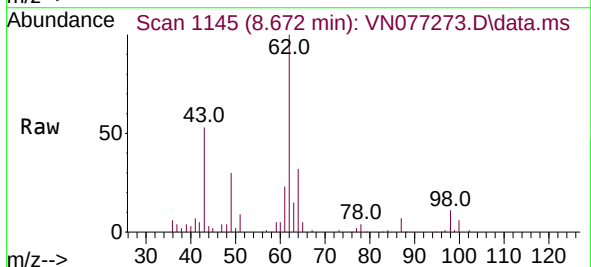
Manual Integrations
APPROVED

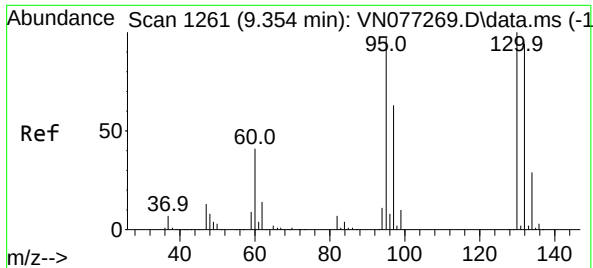
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#36
1,2-Dichloroethane
Concen: 10.688 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

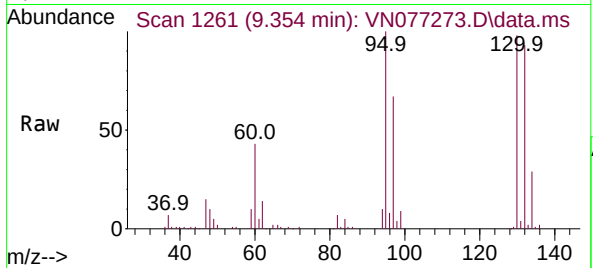
Tgt Ion:	62	Resp:	112802
Ion Ratio	100	Lower	Upper
98	10.4	7.4	11.0





#37
Trichloroethene
Concen: 10.867 ug/l
RT: 9.354 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

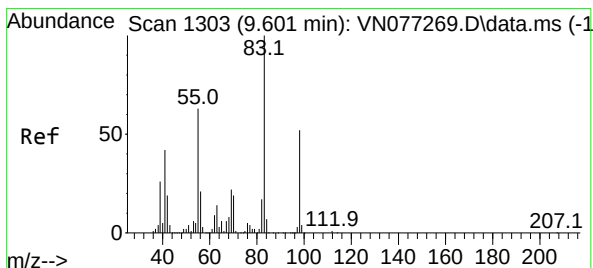
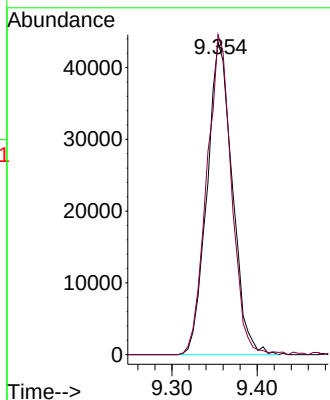
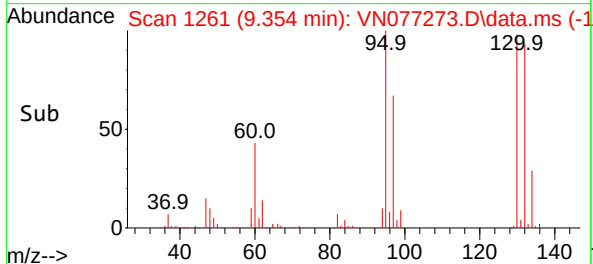
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



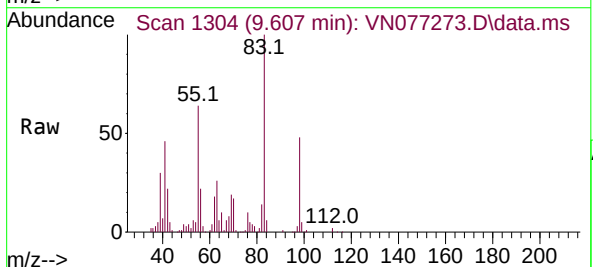
Tgt Ion:130 Resp: 90000
Ion Ratio Lower Upper
130 100
95 102.4 78.7 118.1

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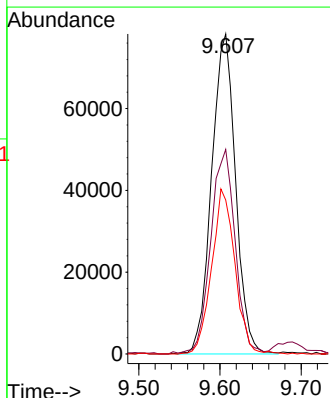
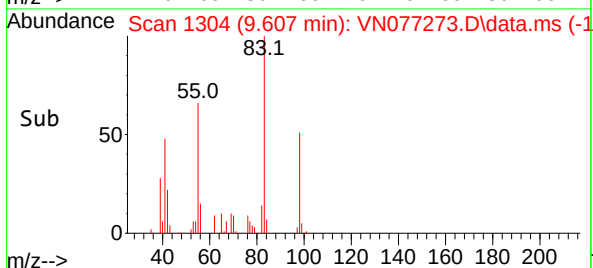
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

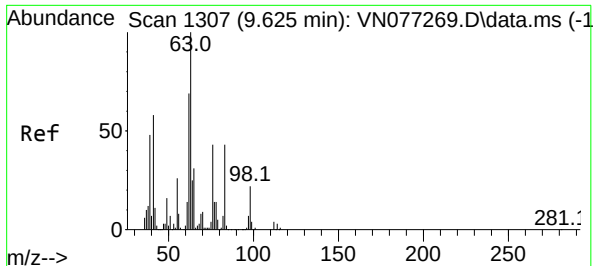


#38
Methylcyclohexane
Concen: 10.825 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17



Tgt Ion: 83 Resp: 160581
Ion Ratio Lower Upper
83 100
55 64.0 37.6 112.9
98 49.8 24.1 72.4





#39

1,2-Dichloropropane

Concen: 10.848 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 90210

Ion Ratio Lower Upper

63 100

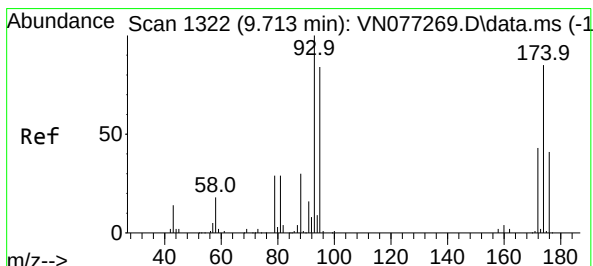
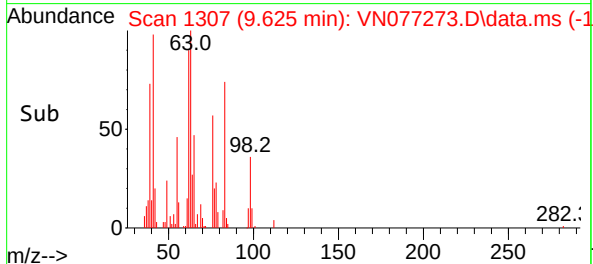
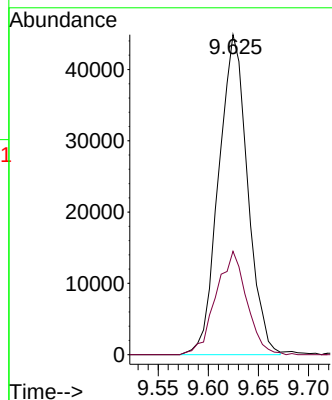
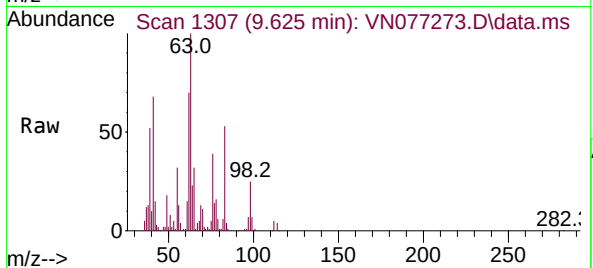
65 32.3 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#40

Dibromomethane

Concen: 10.741 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

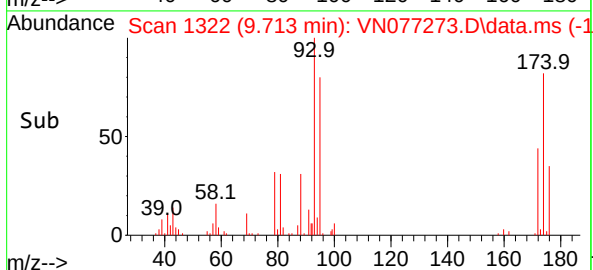
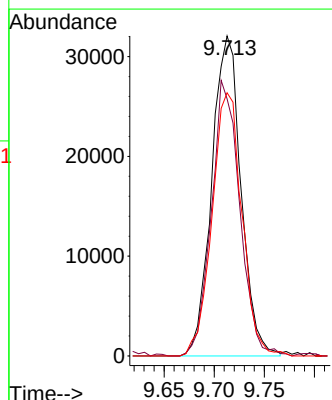
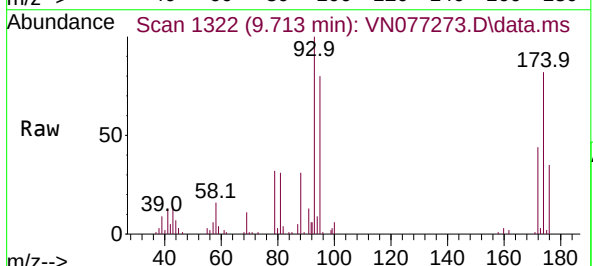
Tgt Ion: 93 Resp: 65100

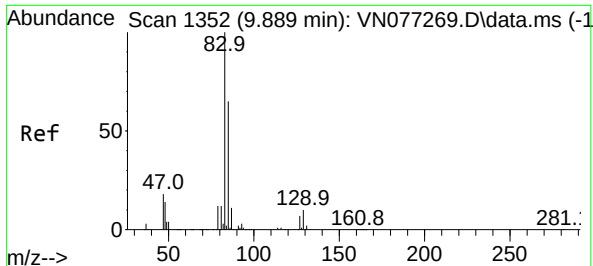
Ion Ratio Lower Upper

93 100

95 82.8 0.0 158.0

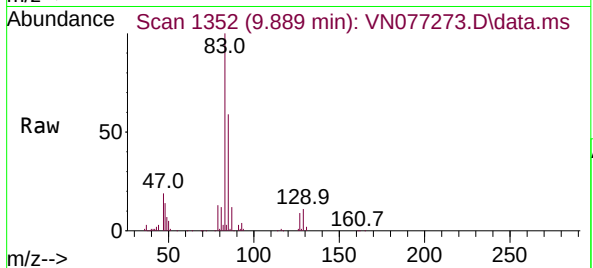
174 83.6 0.0 171.2





#41
Bromodichloromethane
Concen: 10.727 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

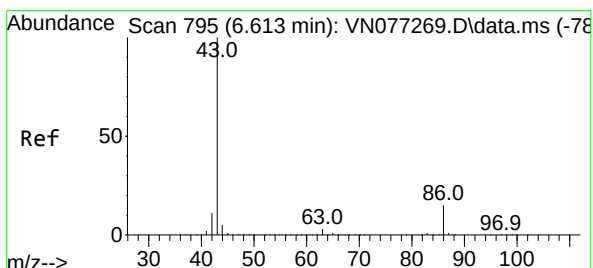
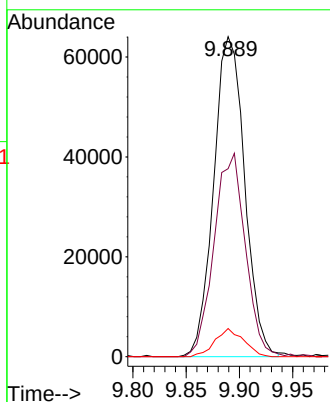
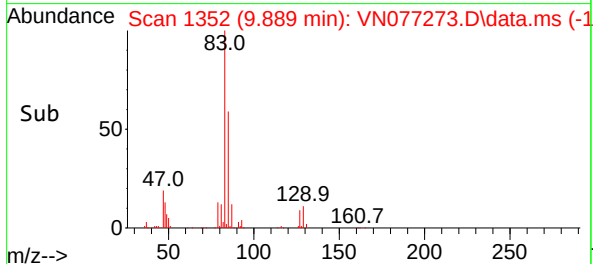
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 12980
Ion Ratio Lower Upper
83 100
85 58.7 51.0 76.4
127 8.8 6.2 9.2

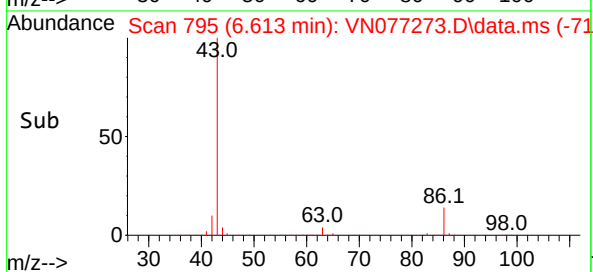
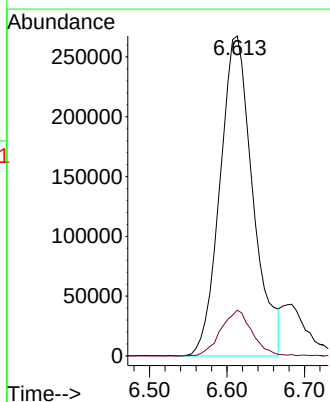
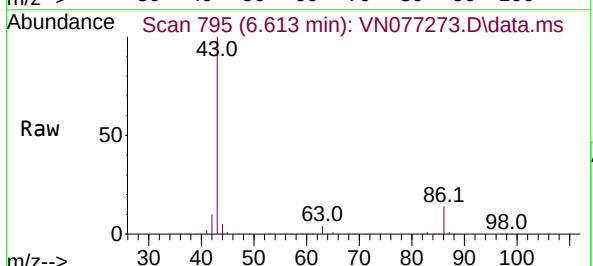
Manual Integrations
APPROVED

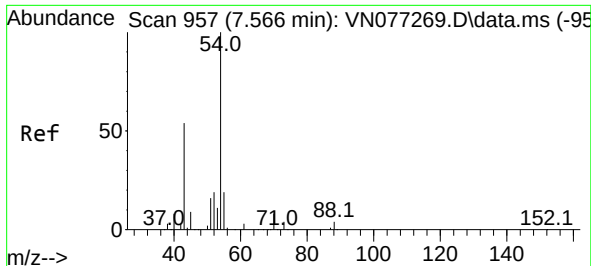
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#42
Vinyl Acetate
Concen: 53.260 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

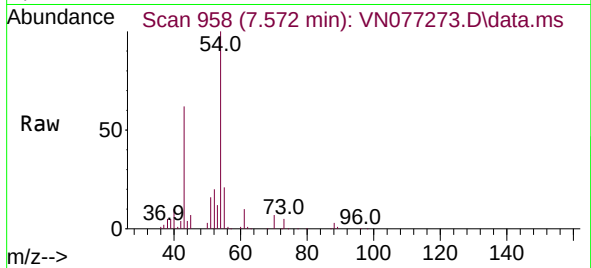
Tgt Ion: 43 Resp: 792657
Ion Ratio Lower Upper
43 100
86 13.2 7.8 11.6





#43
Ethyl Acetate
Concen: 10.508 ug/l
RT: 7.572 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

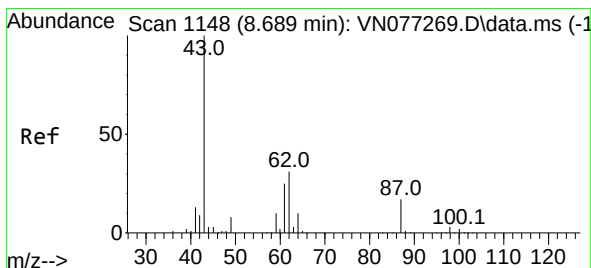
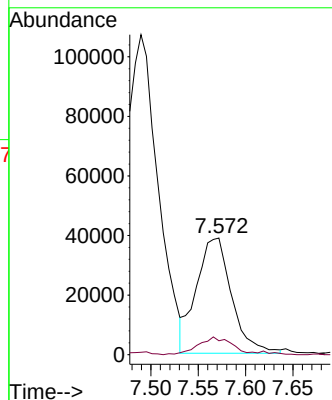
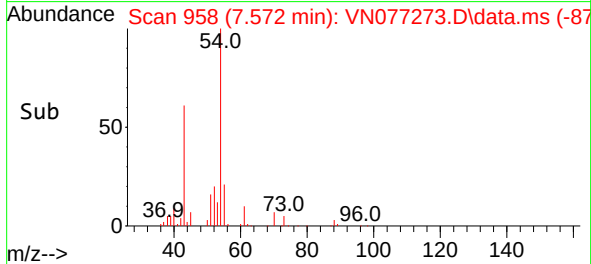
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



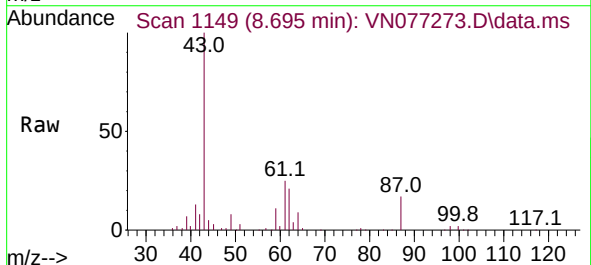
Tgt Ion: 43 Resp: 10023
Ion Ratio Lower Upper
43 100
45 14.7 11.2 16.8

Manual Integrations
APPROVED

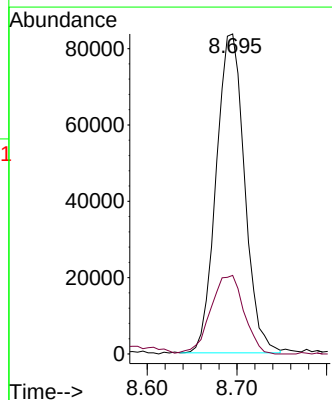
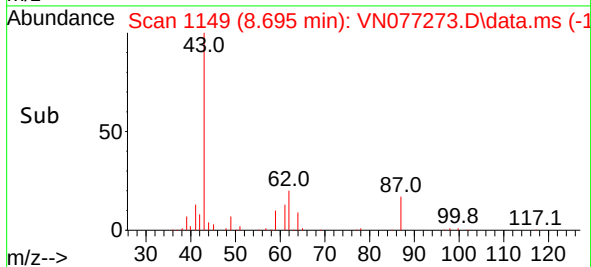
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

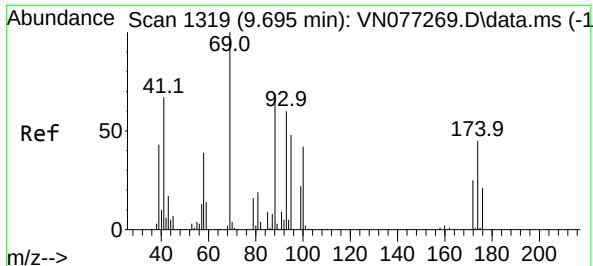


#44
Isopropyl Acetate
Concen: 10.706 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17



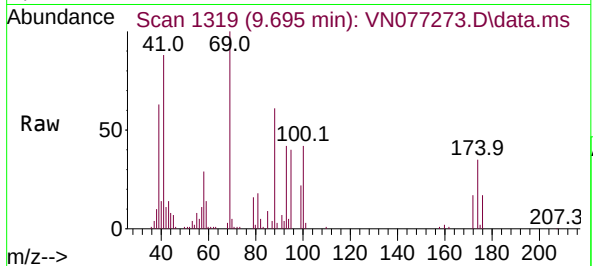
Tgt Ion: 43 Resp: 183413
Ion Ratio Lower Upper
43 100
61 29.0 19.5 29.3





#45
1,4-Dioxane
Concen: 212.856 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

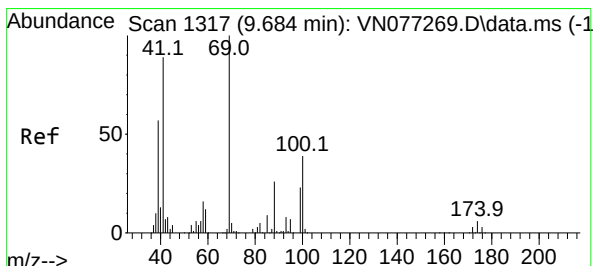
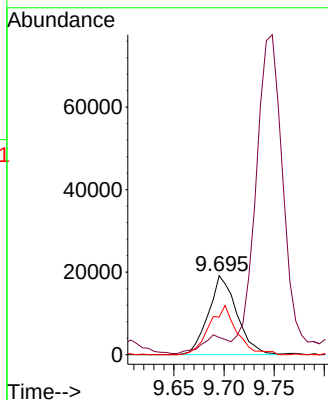
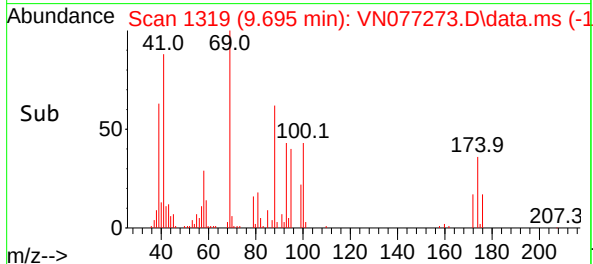
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



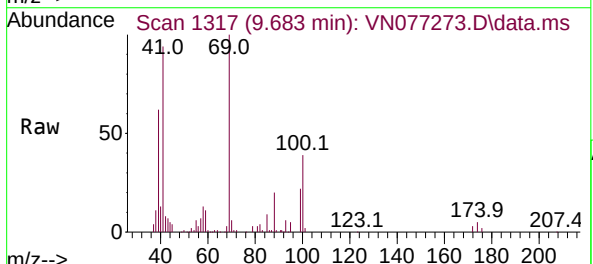
Tgt Ion: 88 Resp: 37669
Ion Ratio Lower Upper
88 100
43 21.0 26.0 39.0
58 60.0 54.3 81.5

Manual Integrations
APPROVED

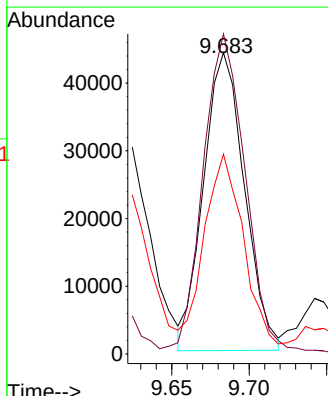
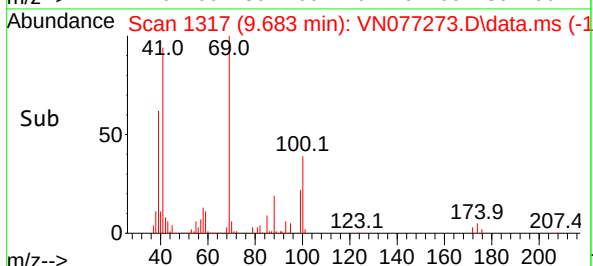
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

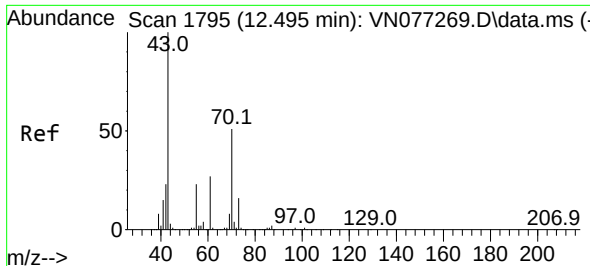


#46
Methyl methacrylate
Concen: 11.074 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17



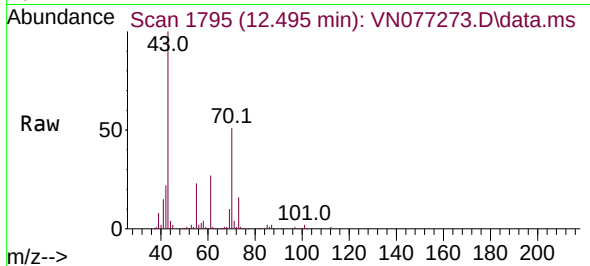
Tgt Ion: 41 Resp: 80740
Ion Ratio Lower Upper
41 100
69 108.1 40.6 121.7
39 66.5 30.5 91.5





#47
n-amy1 Acetate
Concen: 10.285 ug/l
RT: 12.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

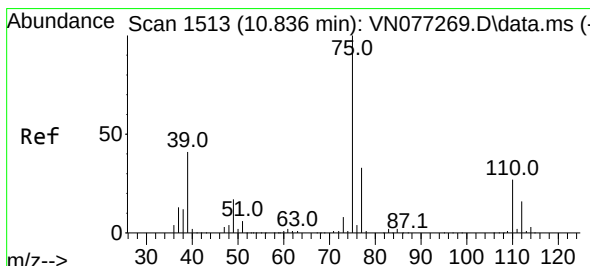
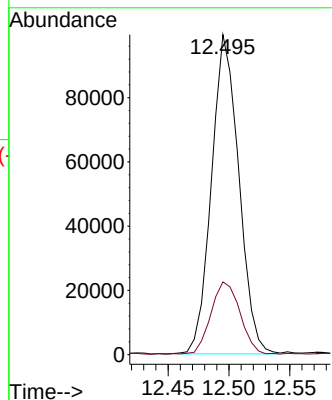
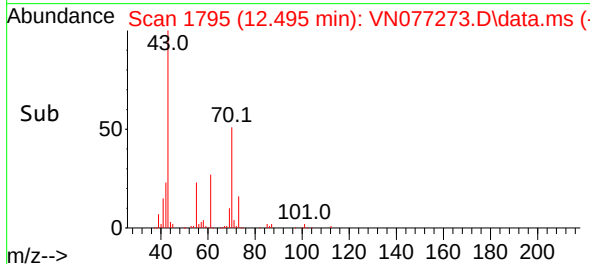
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 155340
Ion Ratio Lower Upper
43 100
55 23.9 18.3 27.5

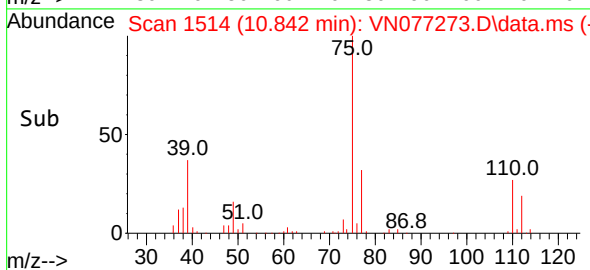
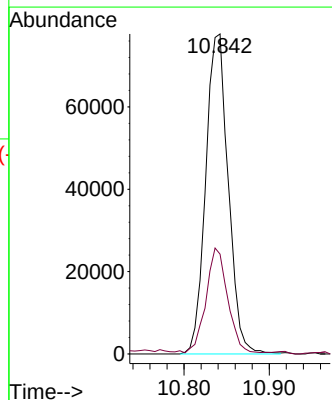
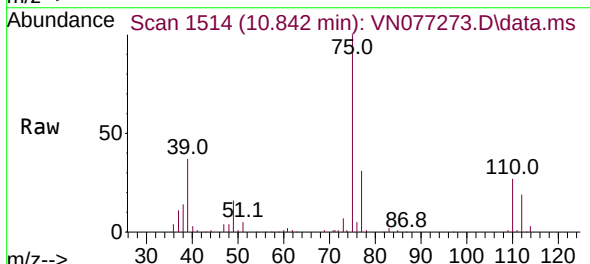
Manual Integrations
APPROVED

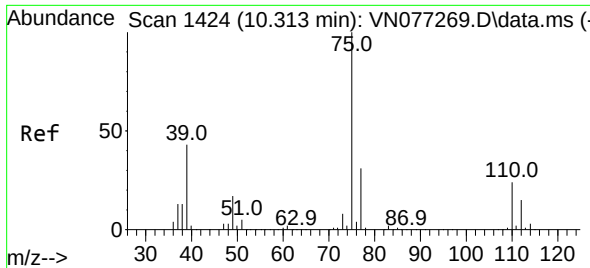
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#48
t-1,3-Dichloropropene
Concen: 10.504 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

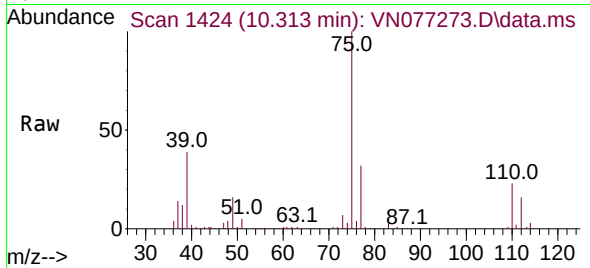
Tgt Ion: 75 Resp: 142902
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.2





#49
 cis-1,3-Dichloropropene
 Concen: 10.828 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077273.D
 Acq: 07 Apr 2023 12:17

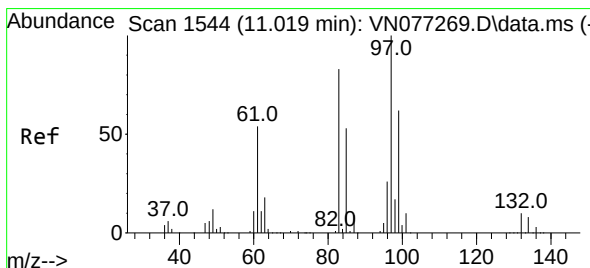
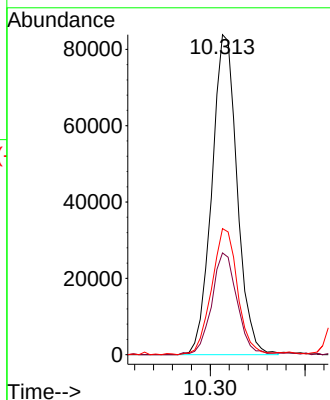
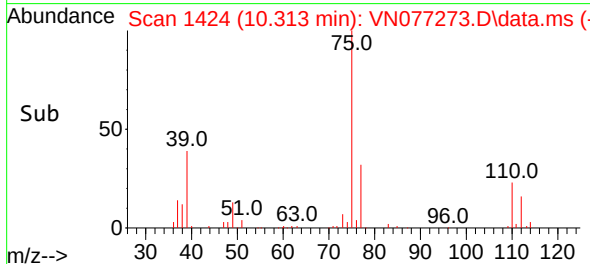
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 75 Resp: 155602
 Ion Ratio Lower Upper
 75 100
 77 31.8 27.5 41.3
 39 39.4 43.5 65.3

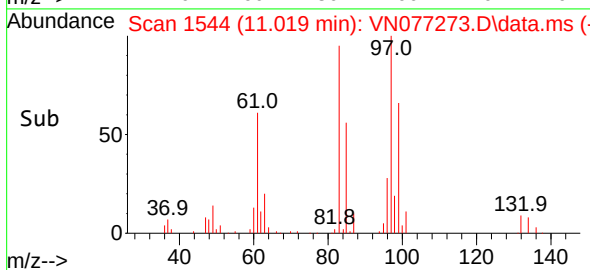
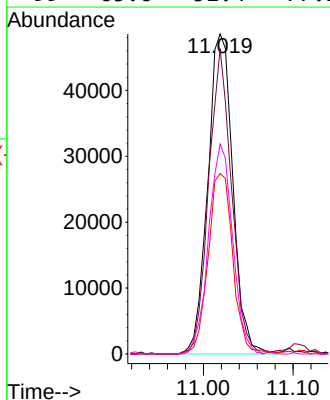
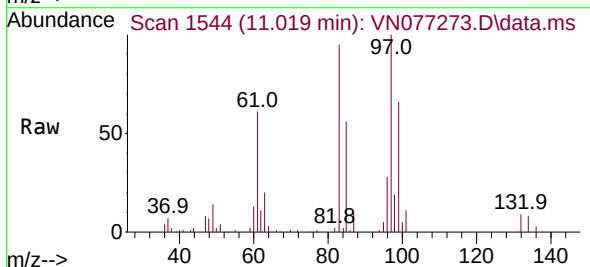
Manual Integrations
 APPROVED

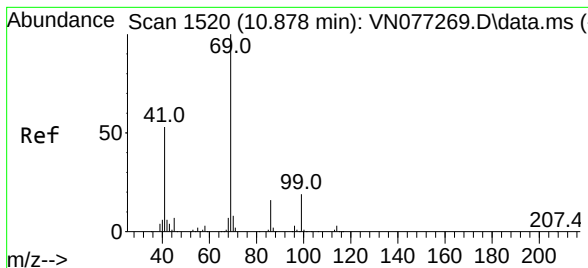
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023



#50
 1,1,2-Trichloroethane
 Concen: 10.839 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077273.D
 Acq: 07 Apr 2023 12:17

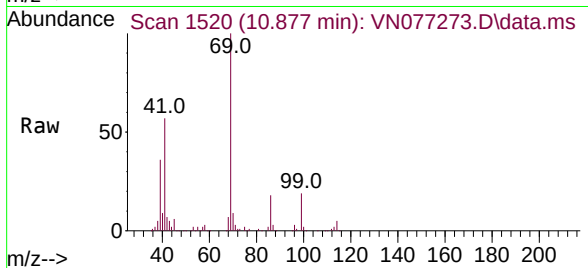
Tgt Ion: 97 Resp: 94185
 Ion Ratio Lower Upper
 97 100
 83 95.4 71.0 106.4
 85 56.4 45.5 68.3
 99 65.6 51.4 77.2





#51
Ethyl methacrylate
Concen: 10.425 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

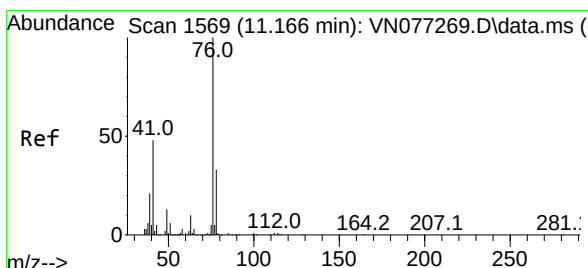
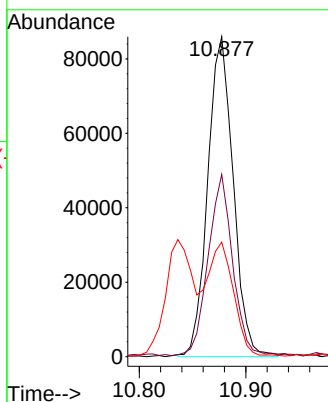
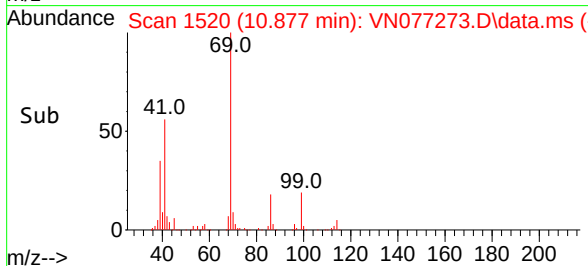
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 69 Resp: 142758
Ion Ratio Lower Upper
69 100
41 56.8 36.3 108.7
39 35.6 19.9 59.7

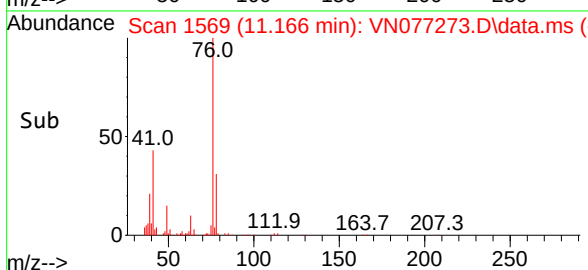
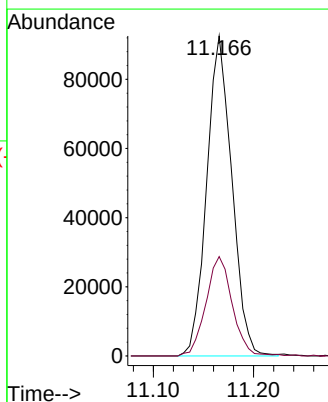
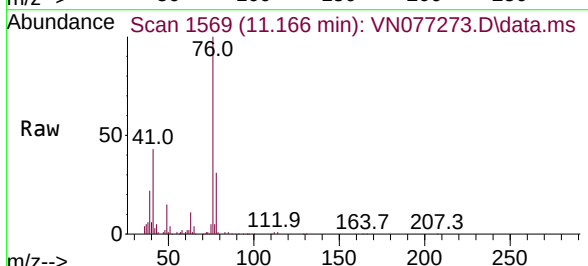
Manual Integrations
APPROVED

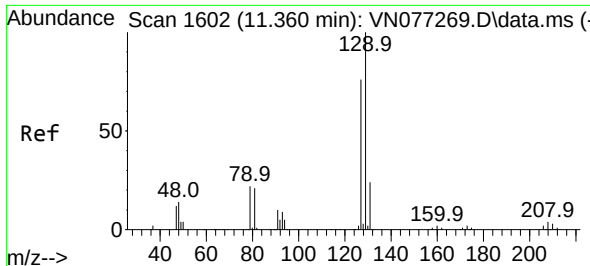
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#52
1,3-Dichloropropane
Concen: 11.092 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

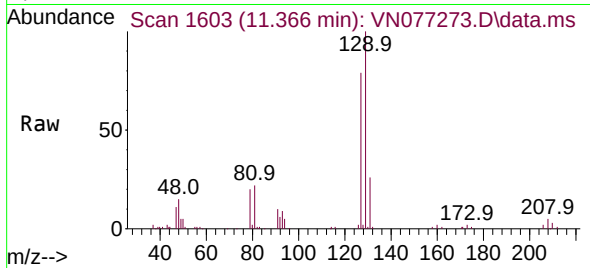
Tgt Ion: 76 Resp: 161273
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.4





#53
Dibromochloromethane
Concen: 10.331 ug/l
RT: 11.366 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

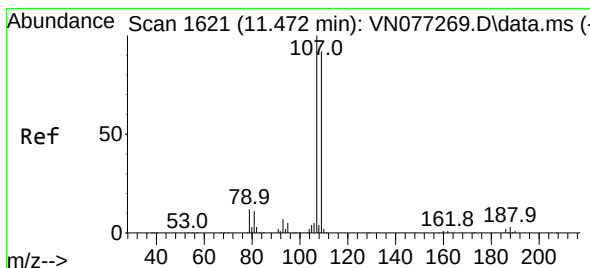
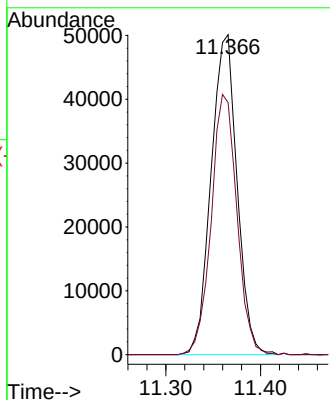
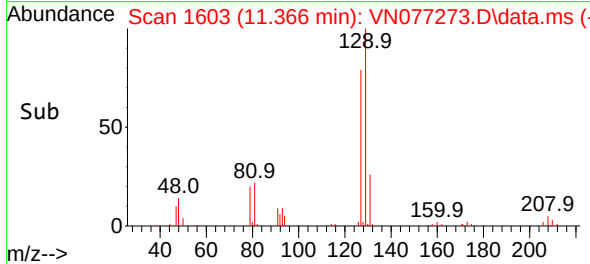
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



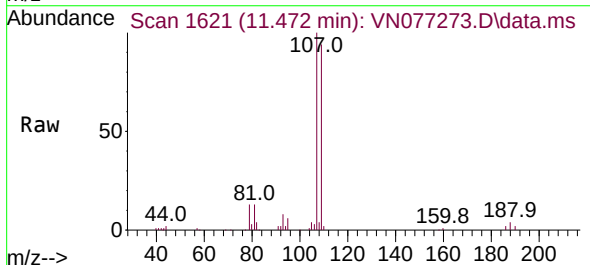
Tgt Ion:129 Resp: 95600
Ion Ratio Lower Upper
129 100
127 80.3 39.4 118.1

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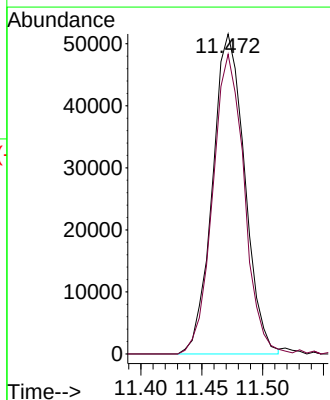
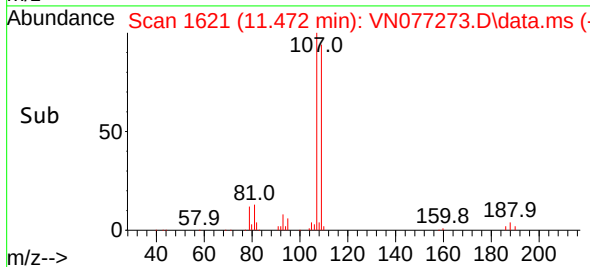
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

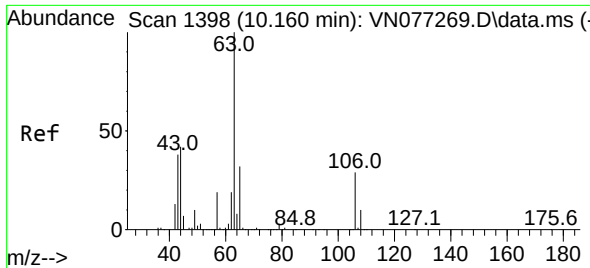


#54
1,2-Dibromoethane
Concen: 10.756 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17



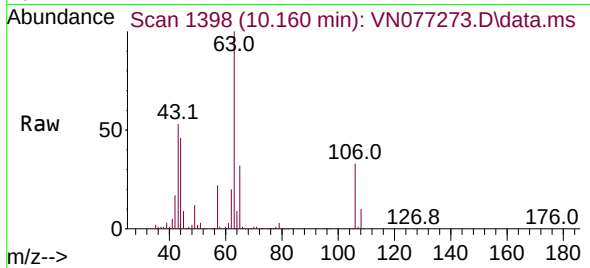
Tgt Ion:107 Resp: 94893
Ion Ratio Lower Upper
107 100
109 91.4 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 41.233 ug/l
RT: 10.160 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

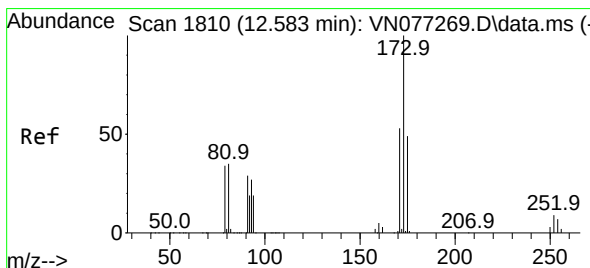
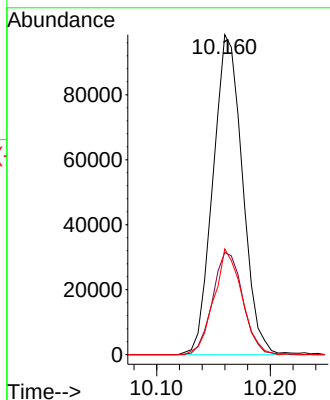
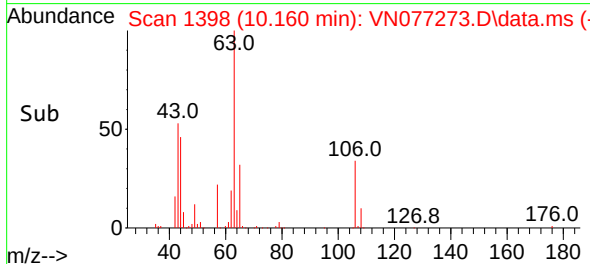
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 63 Resp: 177249
Ion Ratio Lower Upper
63 100
65 32.7 26.3 39.5
106 31.6 21.6 32.4

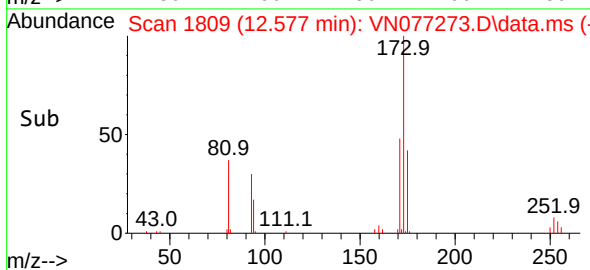
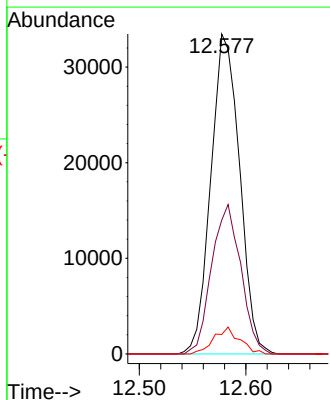
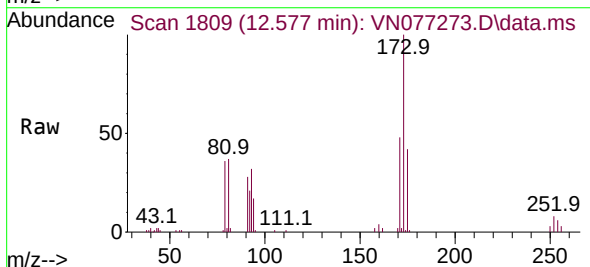
Manual Integrations
APPROVED

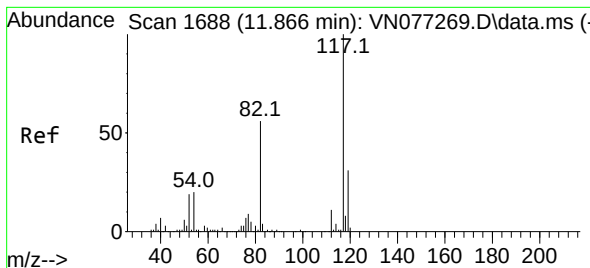
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#56
Bromoform
Concen: 9.883 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion:173 Resp: 62700
Ion Ratio Lower Upper
173 100
175 47.5 37.8 56.6
254 7.5 7.3 10.9





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

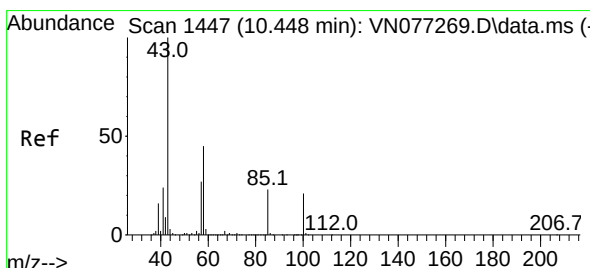
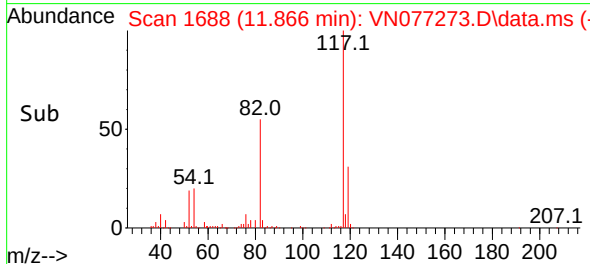
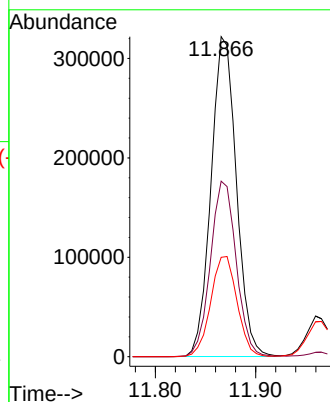
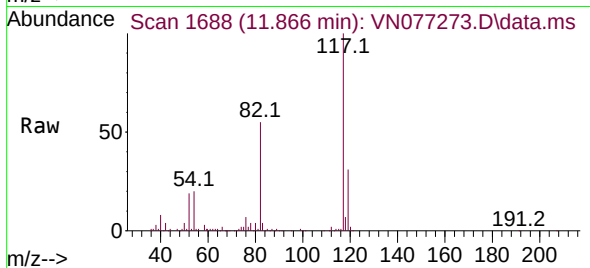
Tgt Ion:	117	Resp:	565419
Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.4	68.0
119	32.5	26.8	40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#58

4-Methyl-2-Pentanone

Concen: 55.399 ug/l

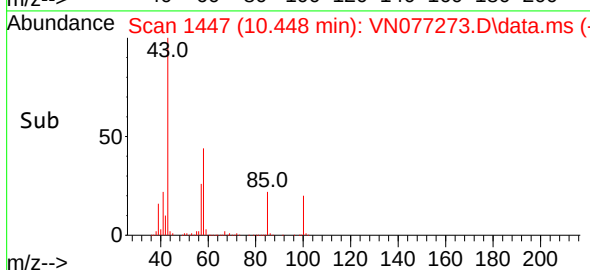
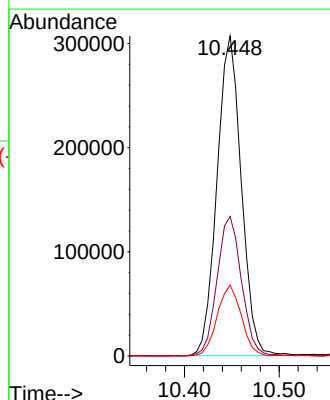
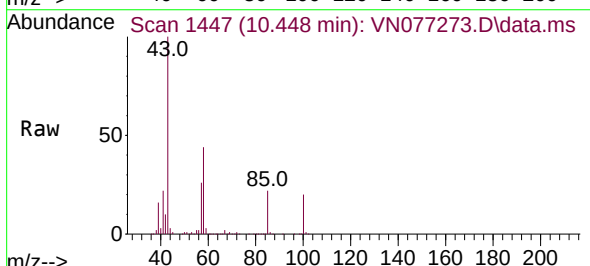
RT: 10.448 min Scan# 1447

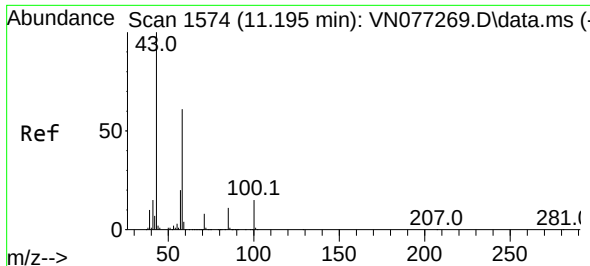
Delta R.T. 0.000 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

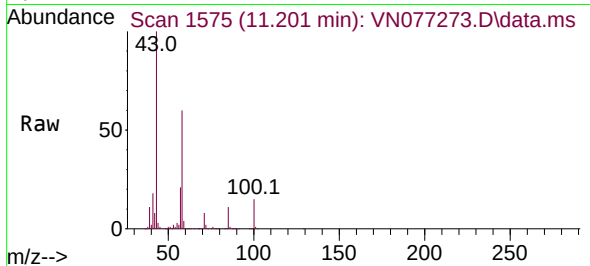
Tgt Ion:	43	Resp:	546511
Ion	Ratio	Lower	Upper
43	100		
58	44.1	28.6	42.8#
85	22.0	11.8	17.8#





#59
2-Hexanone
Concen: 55.350 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

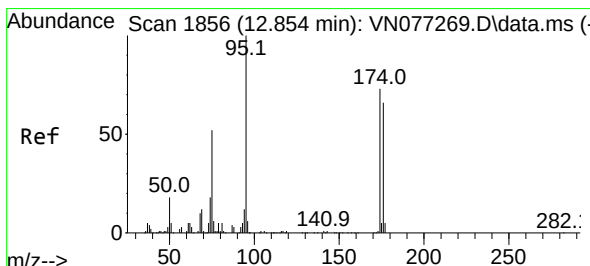
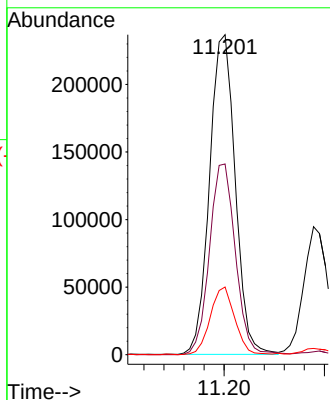
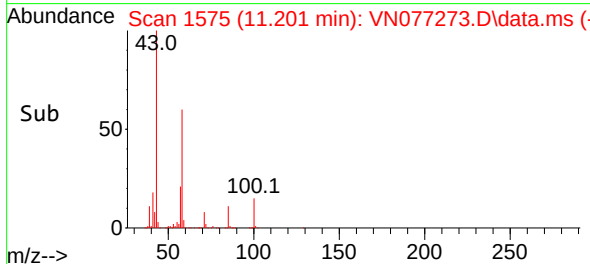
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 420640
Ion Ratio Lower Upper
43 100
58 60.4 40.6 60.8
57 20.3 13.1 19.7

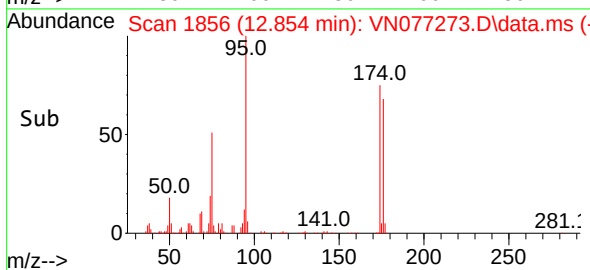
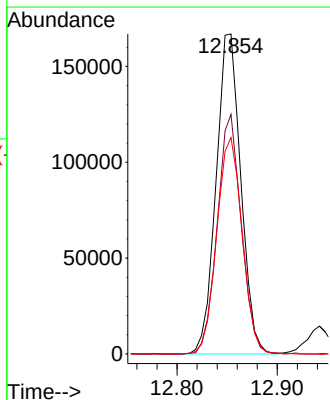
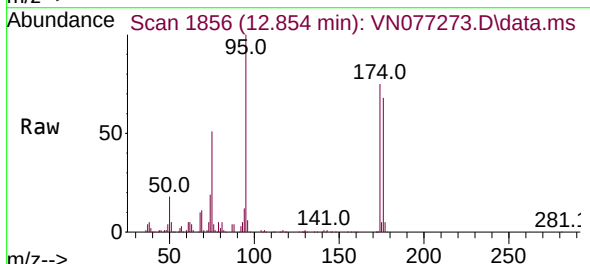
Manual Integrations
APPROVED

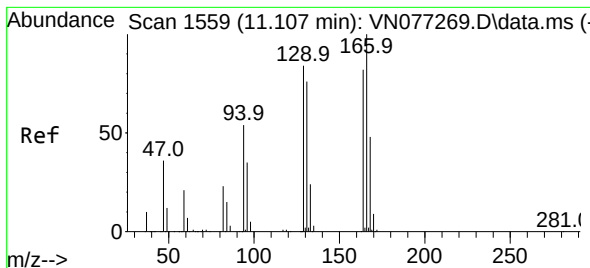
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#60
4-Bromofluorobenzene
Concen: 28.656 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

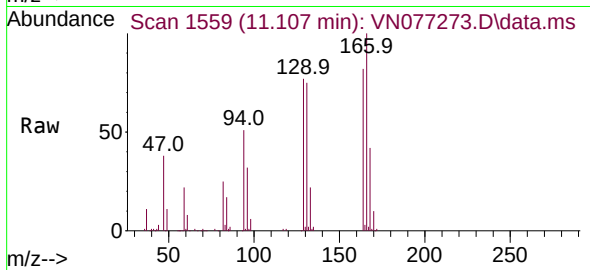
Tgt Ion: 95 Resp: 286299
Ion Ratio Lower Upper
95 100
174 72.3 64.2 96.4
176 69.3 61.4 92.0





#61
Tetrachloroethene
Concen: 11.321 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

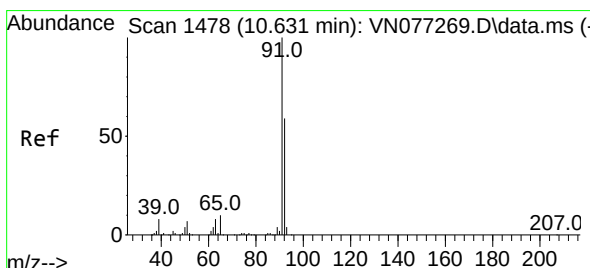
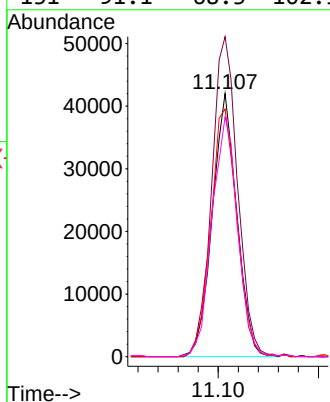
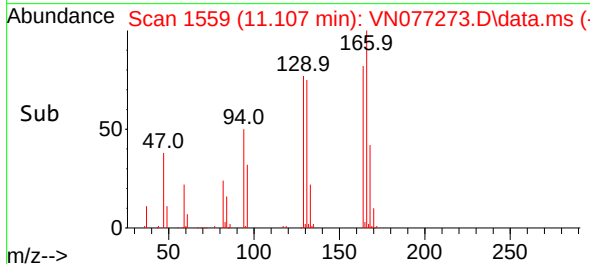
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



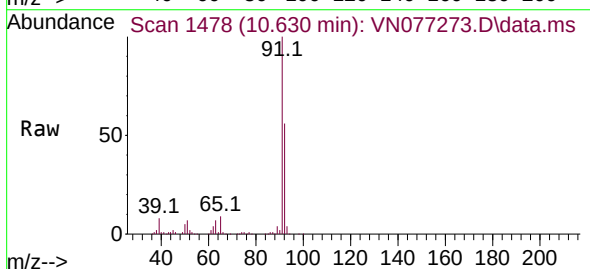
Tgt Ion:164 Resp: 71394
Ion Ratio Lower Upper
164 100
166 121.6 96.2 144.2
129 94.1 78.2 117.4
131 91.1 68.3 102.5

Manual Integrations
APPROVED

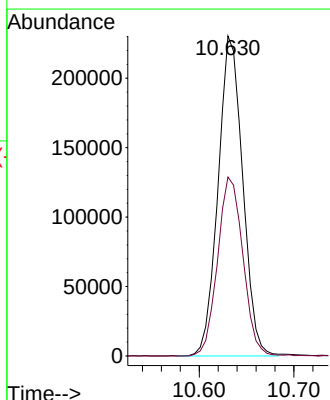
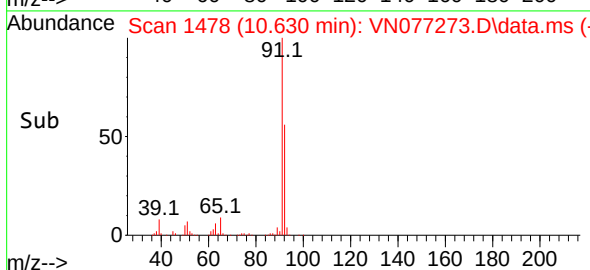
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

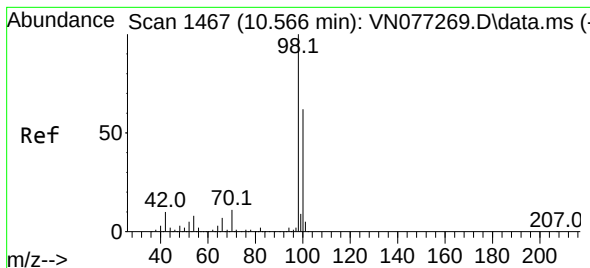


#62
Toluene
Concen: 11.210 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17



Tgt Ion: 91 Resp: 416209
Ion Ratio Lower Upper
91 100
92 57.5 46.3 69.5





#63

Toluene-d8

Concen: 31.282 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 98 Resp: 61356

Ion Ratio Lower Upper

98 100

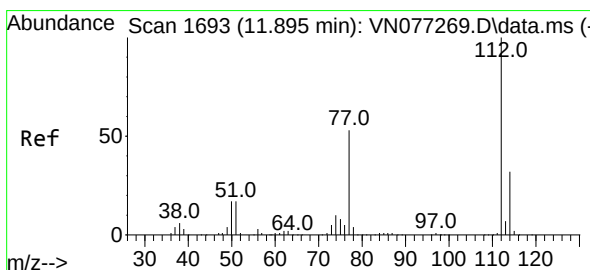
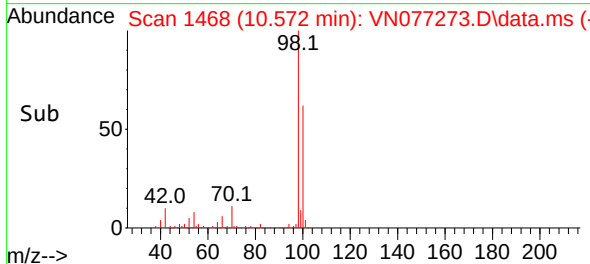
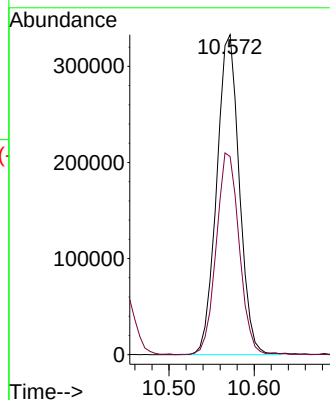
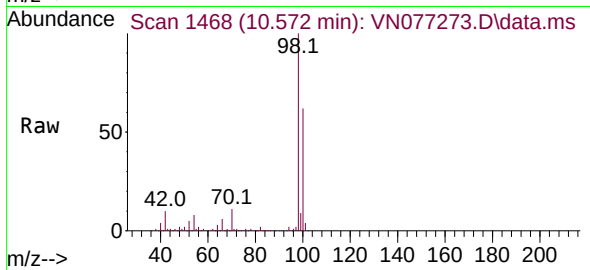
100 63.8 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#64

Chlorobenzene

Concen: 11.202 ug/l

RT: 11.895 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VN077273.D

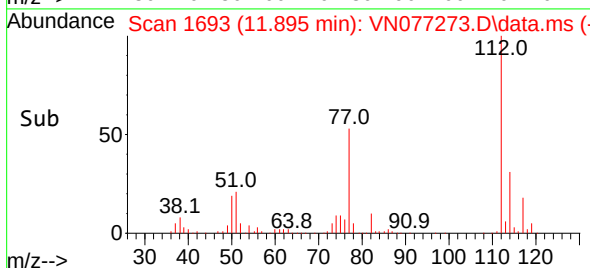
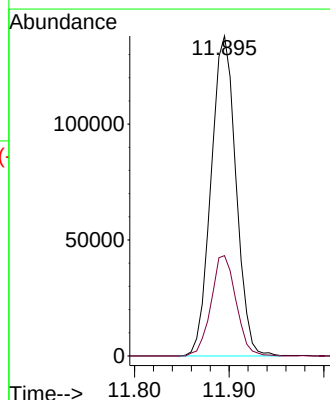
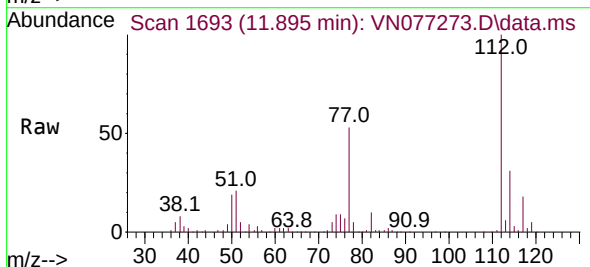
Acq: 07 Apr 2023 12:17

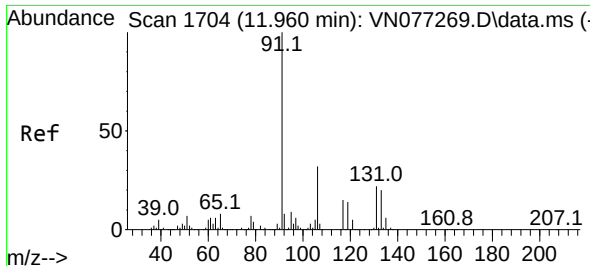
Tgt Ion:112 Resp: 252401

Ion Ratio Lower Upper

112 100

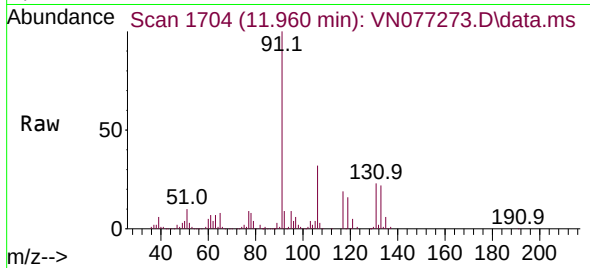
114 31.4 24.5 36.7





#65
1,1,1,2-Tetrachloroethane
Concen: 11.022 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

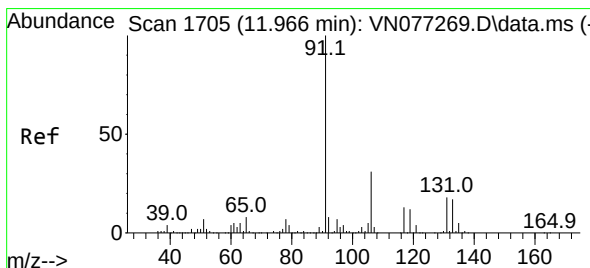
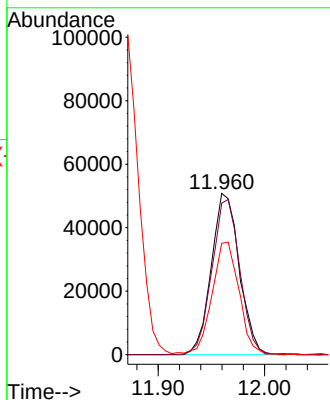
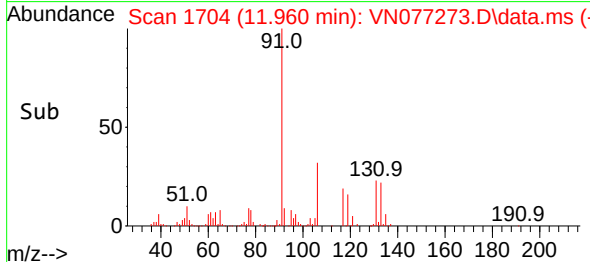
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:131 Resp: 9279
Ion Ratio Lower Upper
131 100
133 95.5 0.0 197.6
119 67.2 0.0 127.8

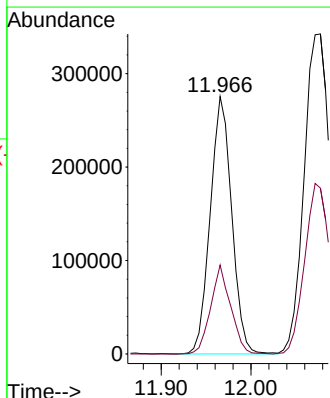
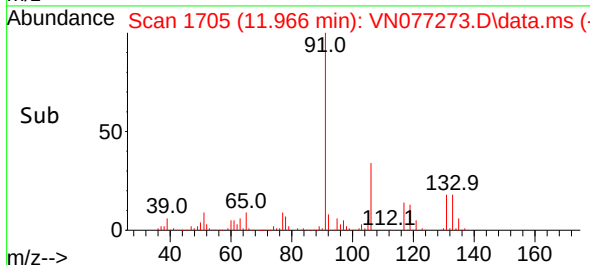
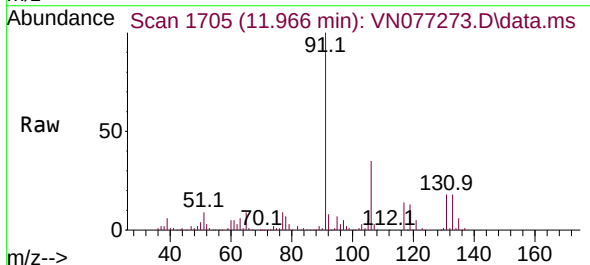
Manual Integrations
APPROVED

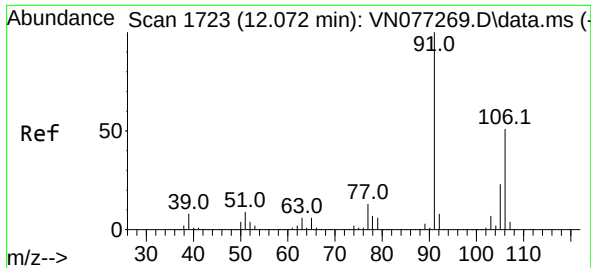
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#66
Ethyl Benzene
Concen: 11.073 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 91 Resp: 459453
Ion Ratio Lower Upper
91 100
106 34.5 23.8 35.8





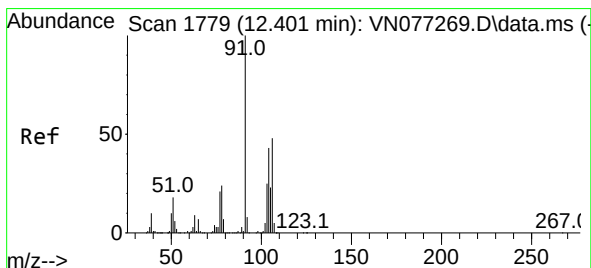
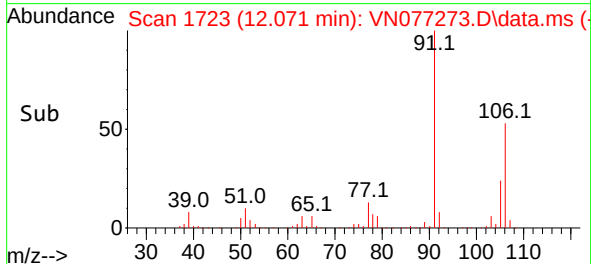
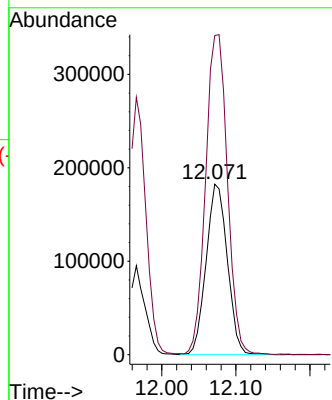
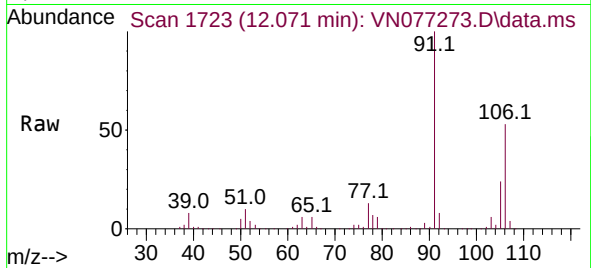
#67
m/p-Xylenes
Concen: 22.605 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 363002
Ion Ratio Lower Upper
106 100
91 192.6 157.4 236.2

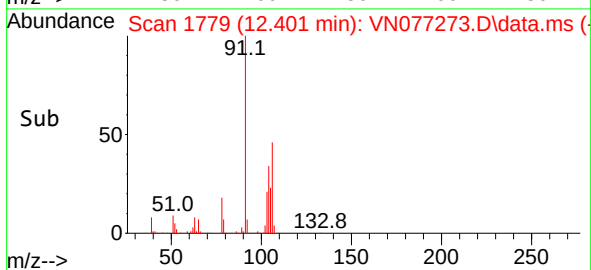
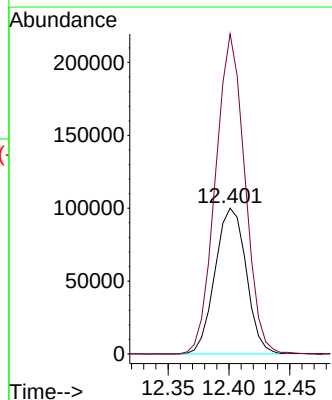
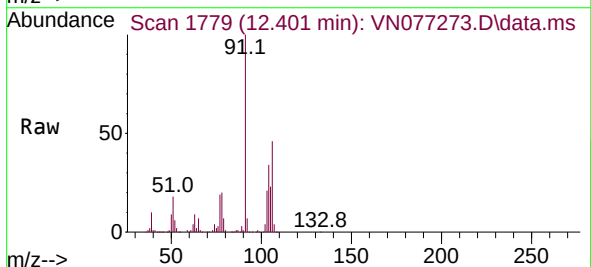
Manual Integrations
APPROVED

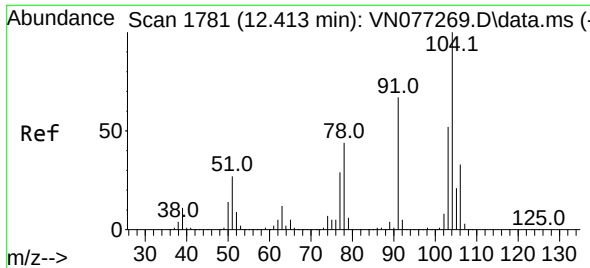
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#68
o-Xylene
Concen: 11.071 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

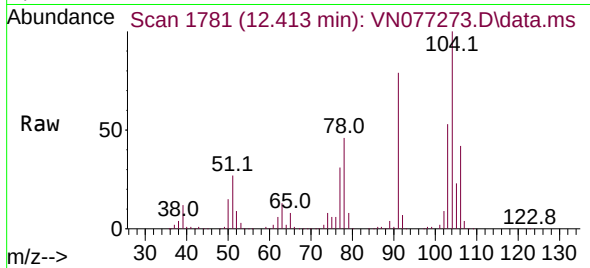
Tgt Ion:106 Resp: 178411
Ion Ratio Lower Upper
106 100
91 207.5 107.2 321.6





#69
Styrene
Concen: 10.607 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

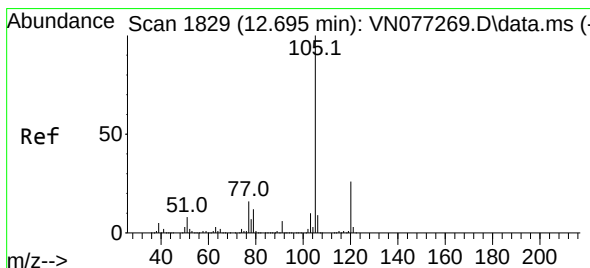
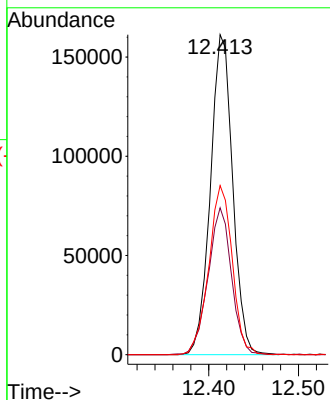
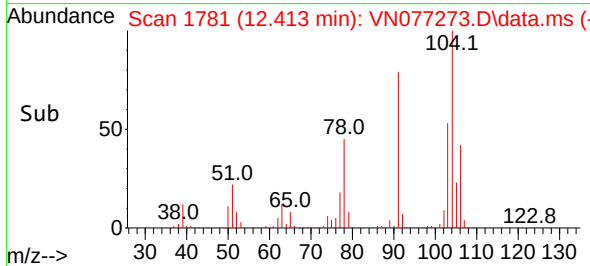
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



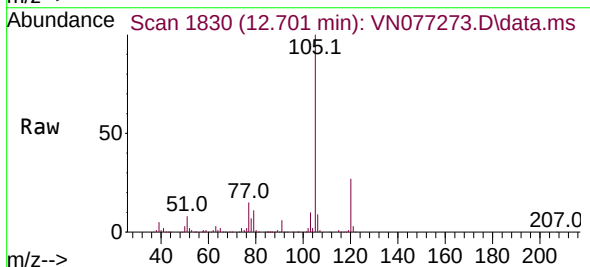
Tgt Ion:104 Resp: 277998
Ion Ratio Lower Upper
104 100
78 48.2 39.6 59.4
103 55.7 43.9 65.9

Manual Integrations
APPROVED

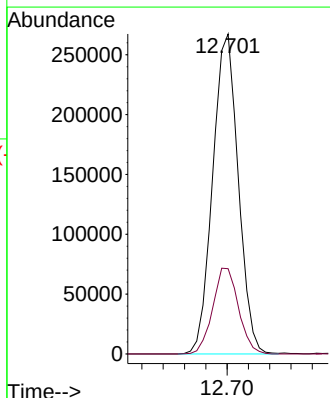
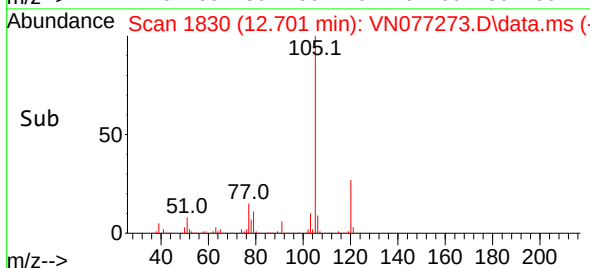
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

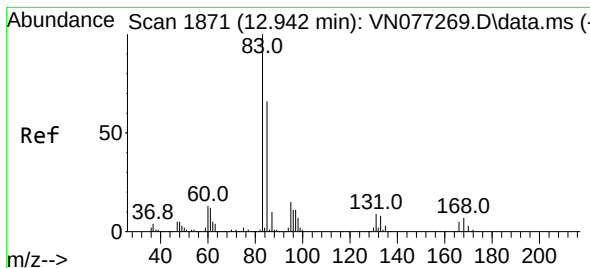


#70
Isopropylbenzene
Concen: 10.806 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17



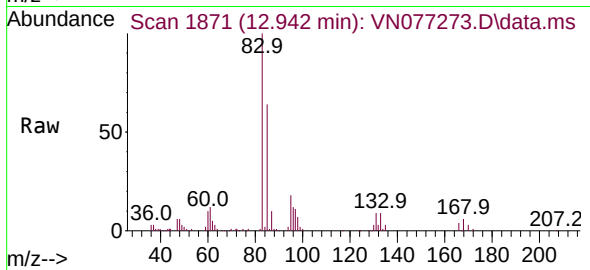
Tgt Ion:105 Resp: 445520
Ion Ratio Lower Upper
105 100
120 27.0 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 10.907 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

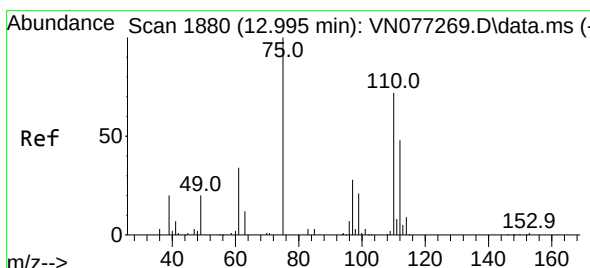
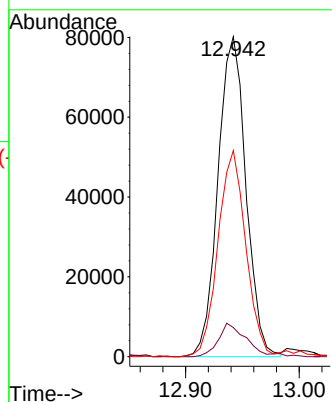
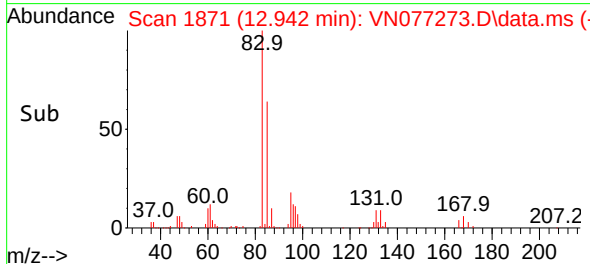
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 137144
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 63.9 32.3 96.9

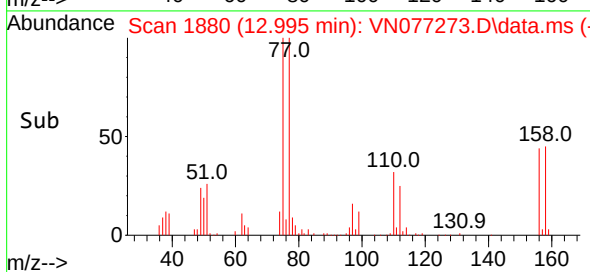
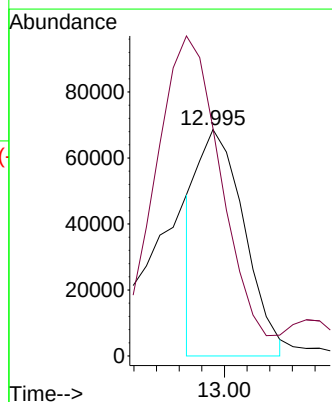
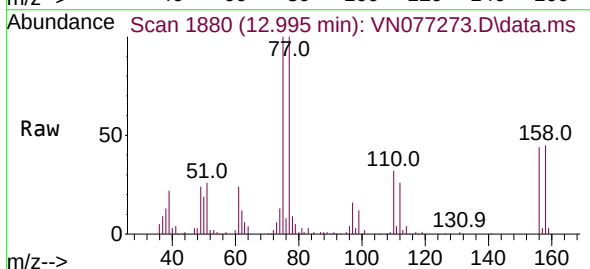
Manual Integrations
APPROVED

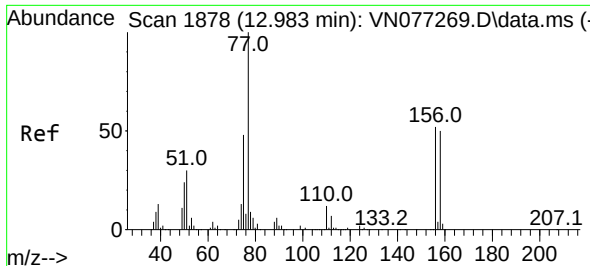
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#72
1,2,3-Trichloropropane
Concen: 11.420 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 75 Resp: 98700
Ion Ratio Lower Upper
75 100
77 200.7 0.0 332.6





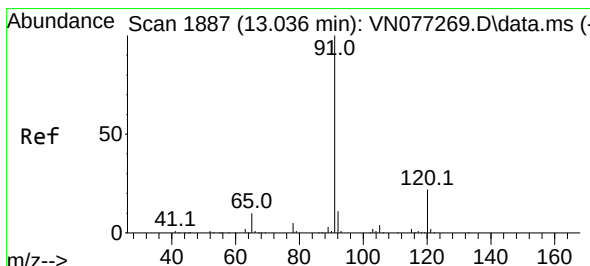
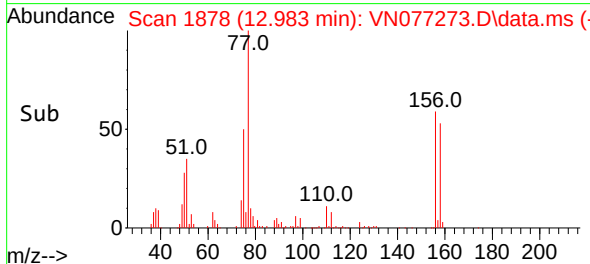
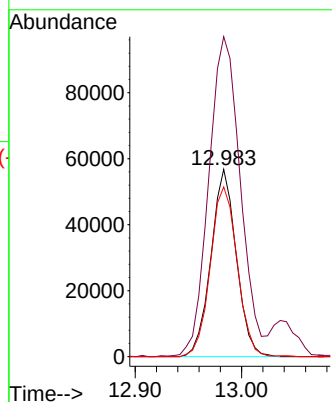
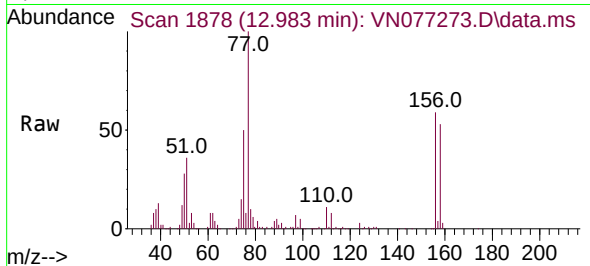
#73
Bromobenzene
Concen: 11.209 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 93934
Ion Ratio Lower Upper
156 100
77 210.9 0.0 423.0
158 95.8 0.0 188.6

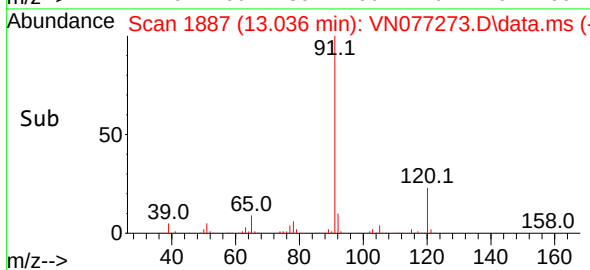
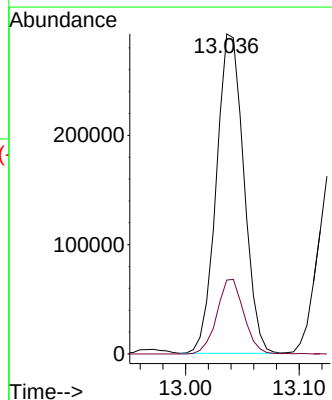
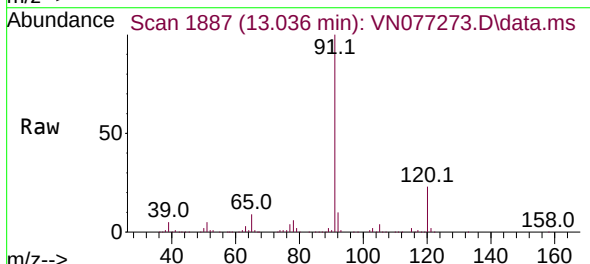
Manual Integrations
APPROVED

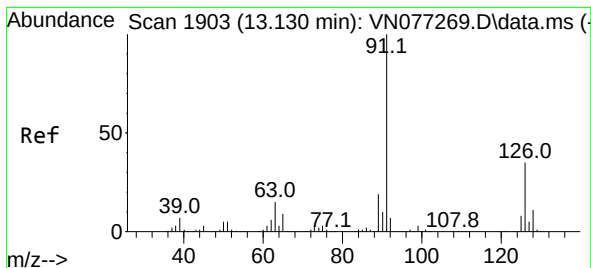
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#74
n-propylbenzene
Concen: 10.644 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 91 Resp: 491647
Ion Ratio Lower Upper
91 100
120 22.9 0.0 44.0





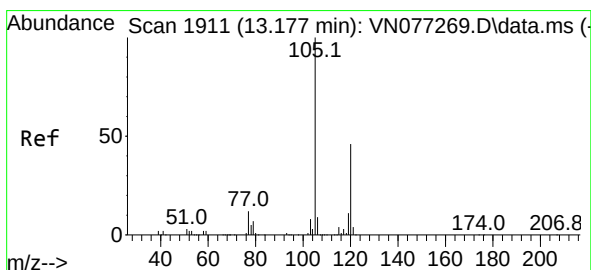
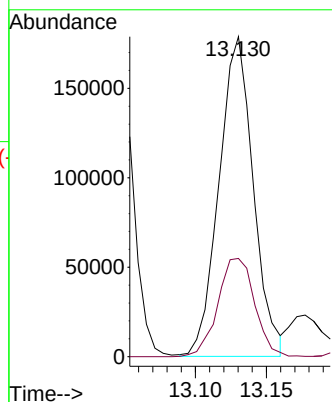
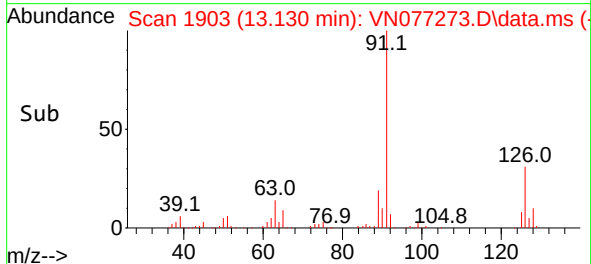
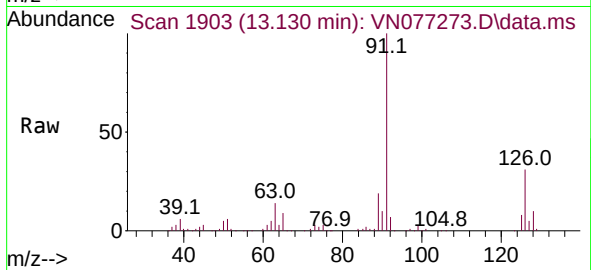
#75
2-Chlorotoluene
Concen: 11.008 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 300110
Ion Ratio Lower Upper
91 100
126 33.0 0.0 66.4

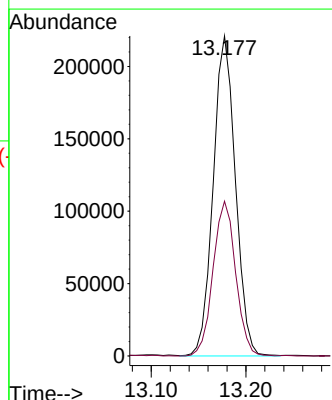
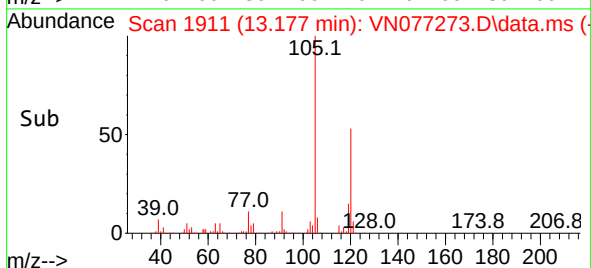
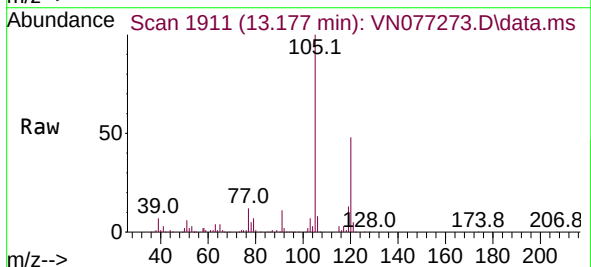
Manual Integrations
APPROVED

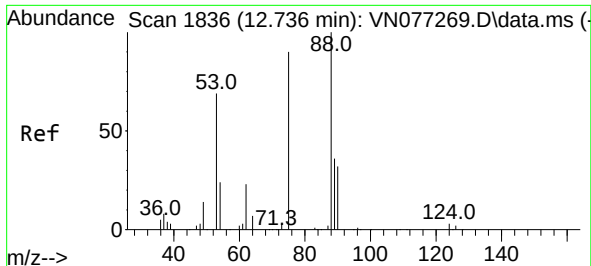
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#76
1,3,5-Trimethylbenzene
Concen: 10.630 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion:105 Resp: 360103
Ion Ratio Lower Upper
105 100
120 49.1 0.0 103.2





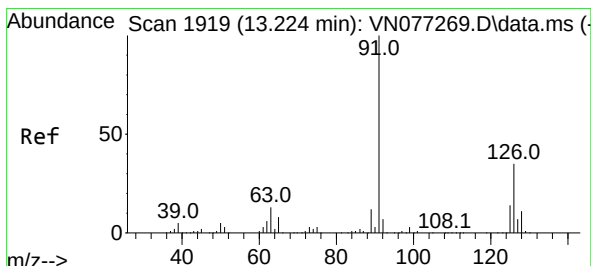
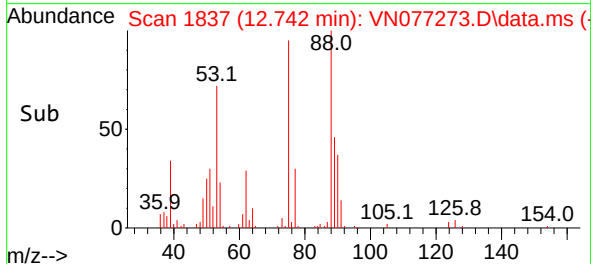
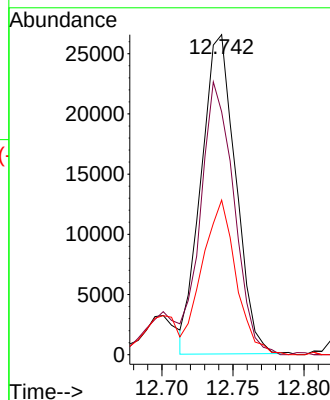
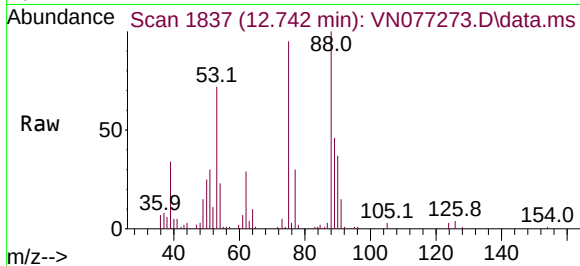
#77
t-1,4-Dichloro-2-butene
Concen: 9.876 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 4475
Ion Ratio Lower Upper
75 100
53 76.4 50.4 151.3
89 47.9 22.1 66.5

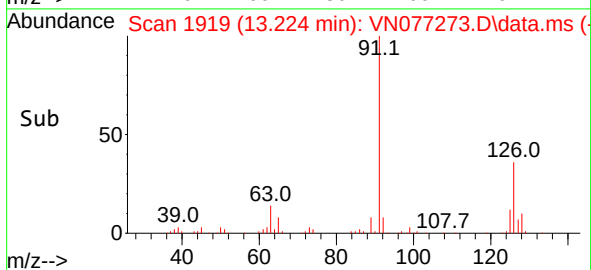
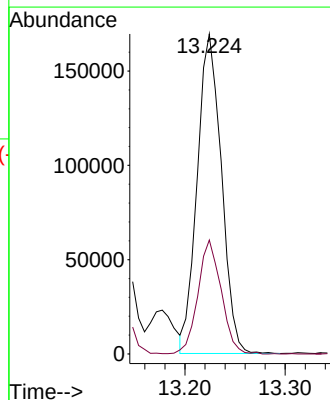
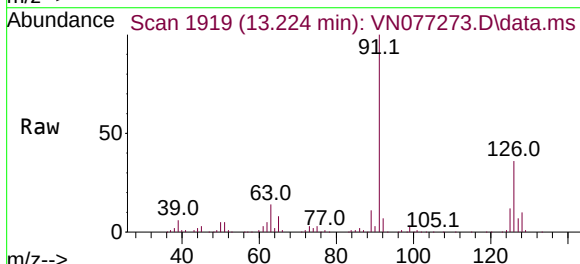
Manual Integrations
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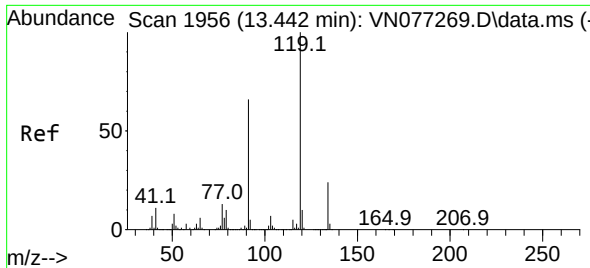
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#78
4-Chlorotoluene
Concen: 10.945 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

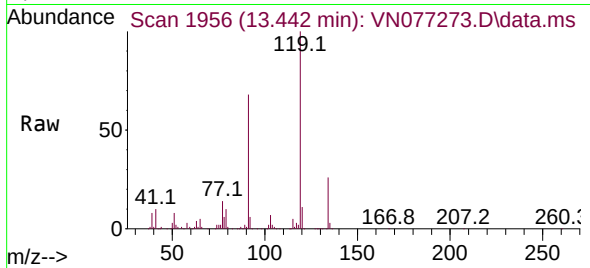
Tgt Ion: 91 Resp: 284570
Ion Ratio Lower Upper
91 100
126 34.2 0.0 70.6





#79
tert-butylbenzene
Concen: 10.781 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

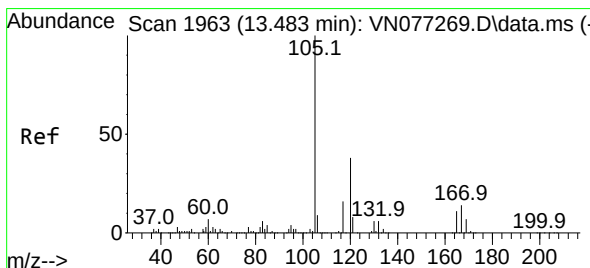
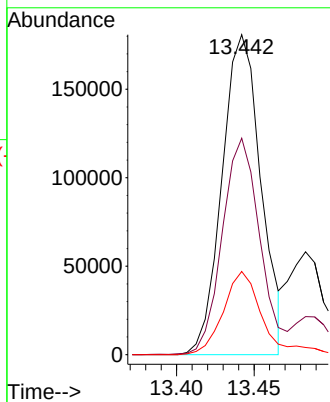
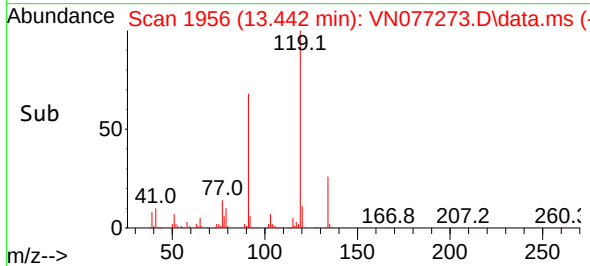
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



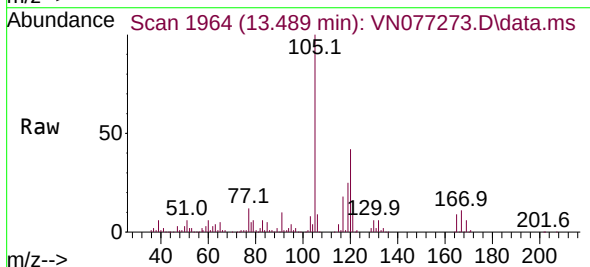
Tgt Ion:119 Resp: 315810
Ion Ratio Lower Upper
119 100
91 65.6 0.0 129.6
134 26.2 0.0 47.8

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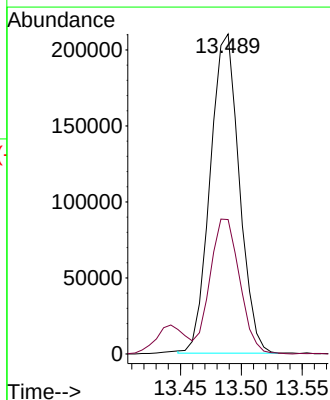
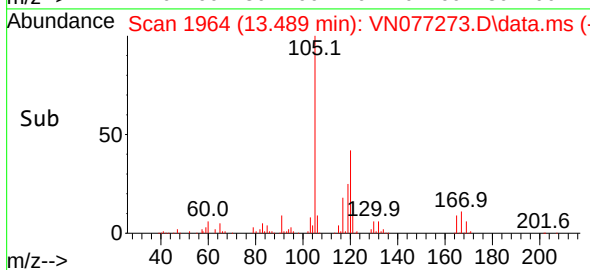
Reviewed By :John Carbone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

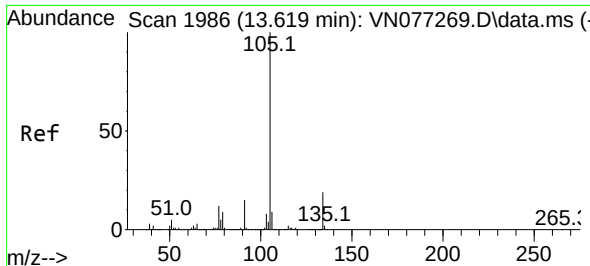


#80
1,2,4-Trimethylbenzene
Concen: 10.526 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17



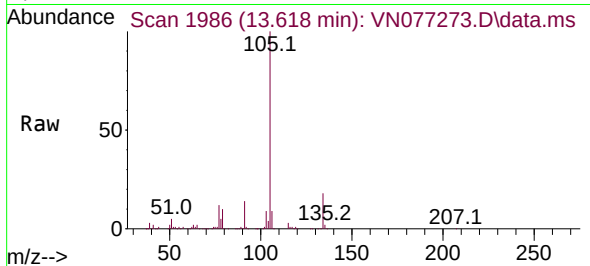
Tgt Ion:105 Resp: 348542
Ion Ratio Lower Upper
105 100
120 43.3 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 10.608 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077273.D
 Acq: 07 Apr 2023 12:17

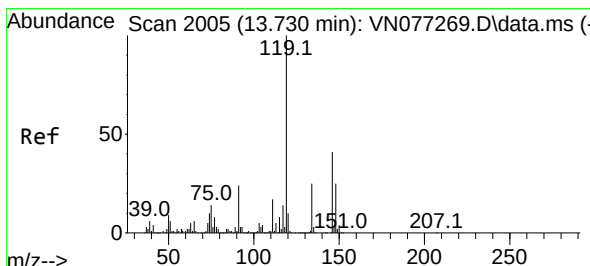
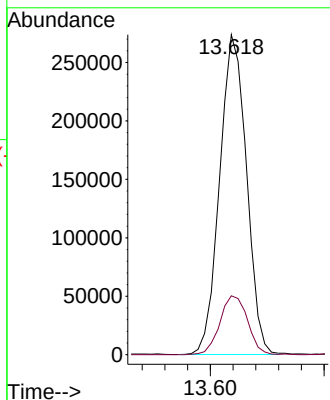
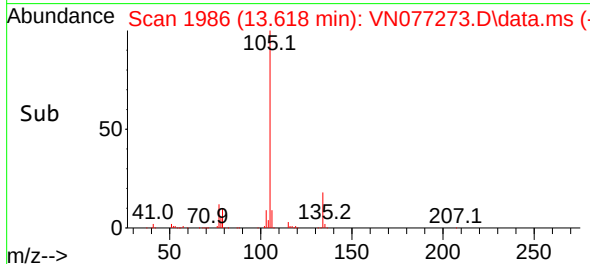
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



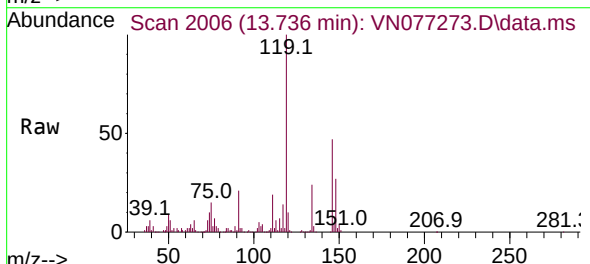
Tgt Ion:105 Resp: 448329
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 39.4

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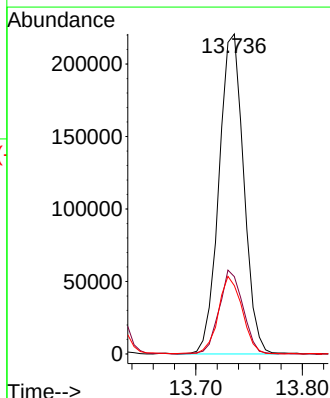
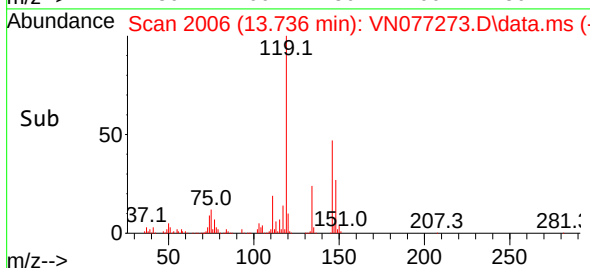
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023

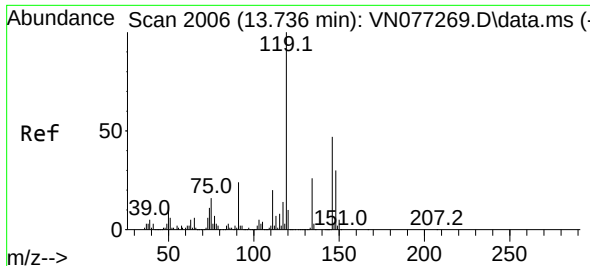


#82
 p-Isopropyltoluene
 Concen: 10.454 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077273.D
 Acq: 07 Apr 2023 12:17



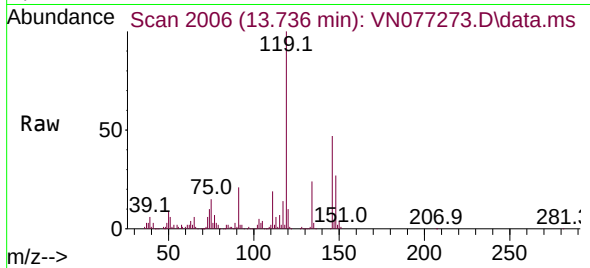
Tgt Ion:119 Resp: 355888
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 53.4
 91 23.1 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 10.810 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

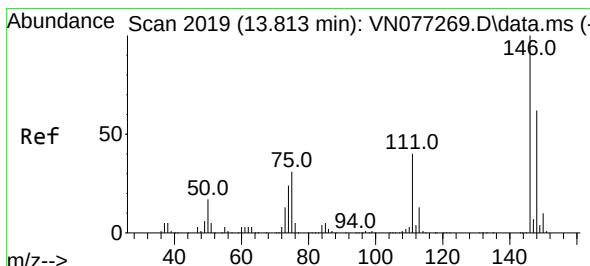
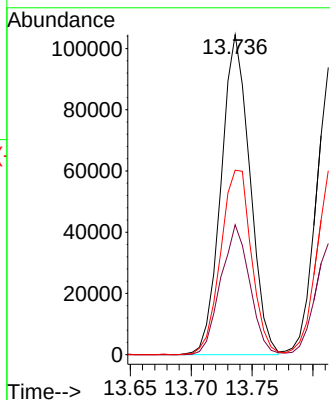
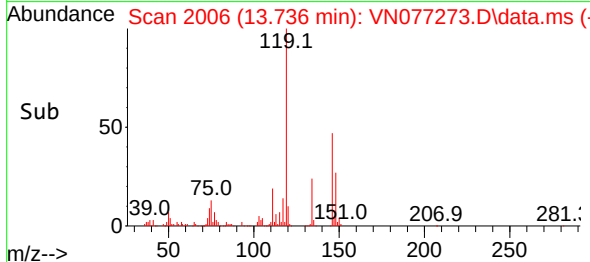
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



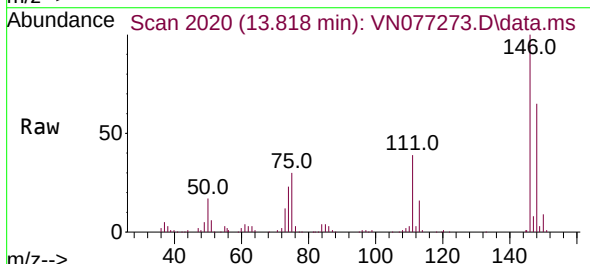
Tgt Ion:146 Resp: 171983
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.8
148 61.7 31.9 95.5

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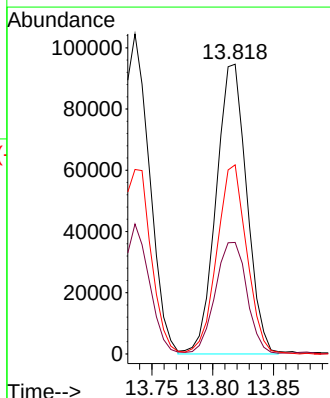
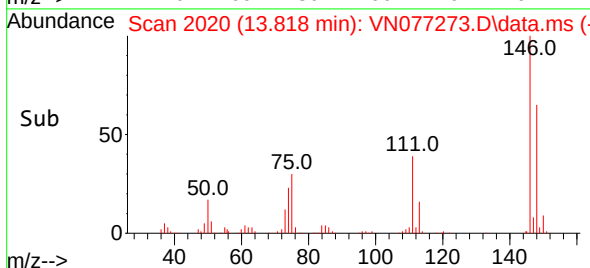
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

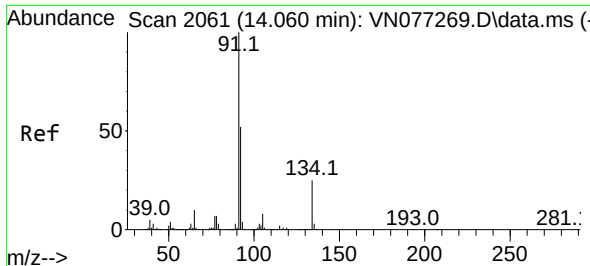


#84
1,4-Dichlorobenzene
Concen: 10.709 ug/l
RT: 13.818 min Scan# 2020
Delta R.T. 0.005 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17



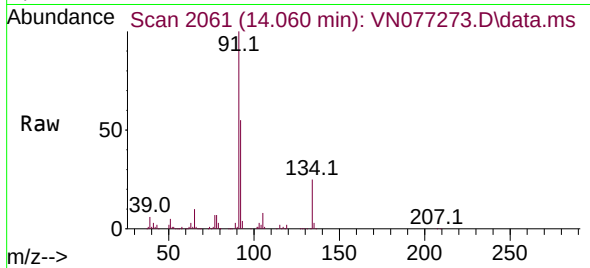
Tgt Ion:146 Resp: 165553
Ion Ratio Lower Upper
146 100
111 39.7 18.2 54.6
148 63.7 31.1 93.2





#85
n-Butylbenzene
Concen: 9.957 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

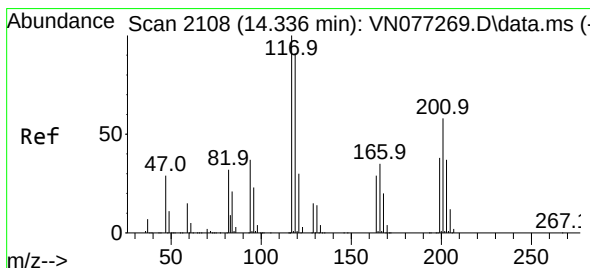
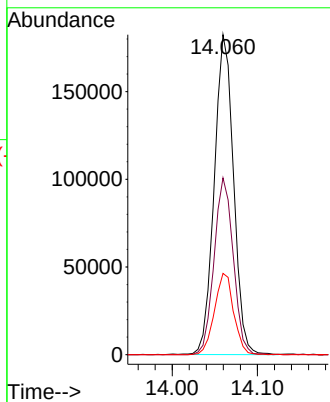
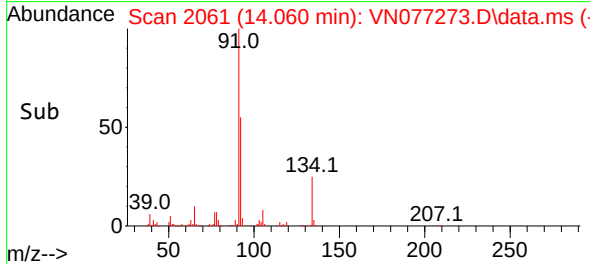
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 91 Resp: 287384
Ion Ratio Lower Upper
91 100
92 54.7 0.0 103.2
134 25.3 0.0 50.0

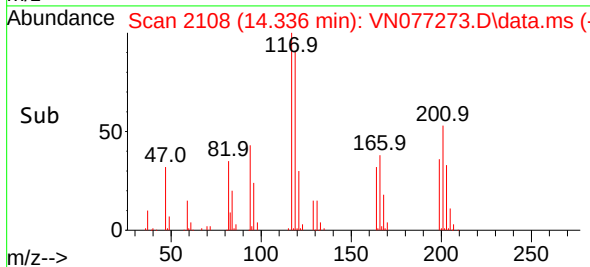
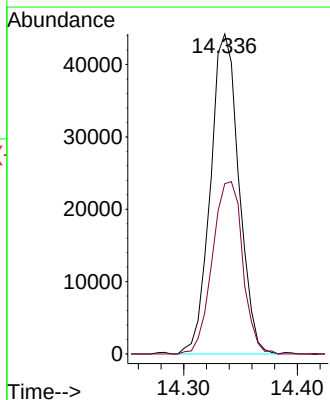
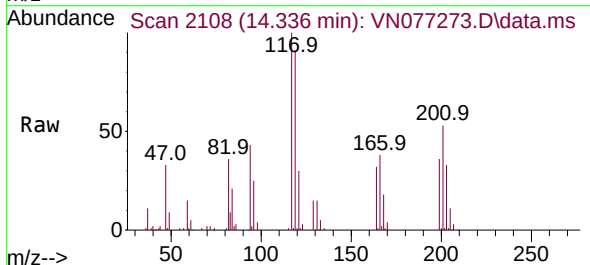
Manual Integrations
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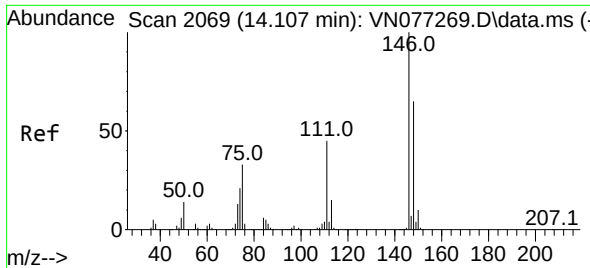
Reviewed By :John Carbone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#86
Hexachloroethane
Concen: 10.782 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion:117 Resp: 77026
Ion Ratio Lower Upper
117 100
201 57.1 32.2 96.6





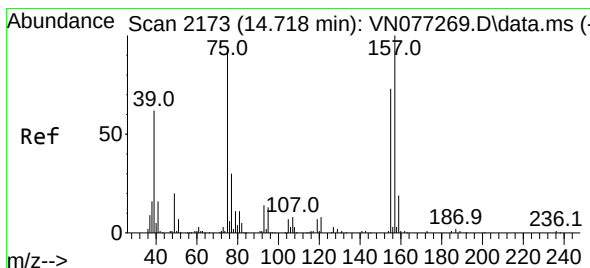
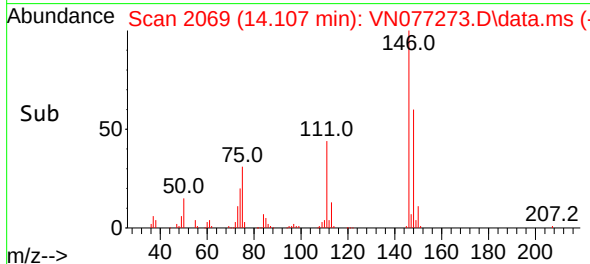
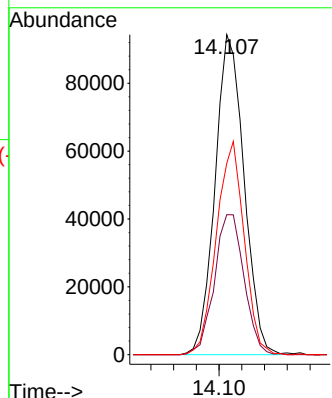
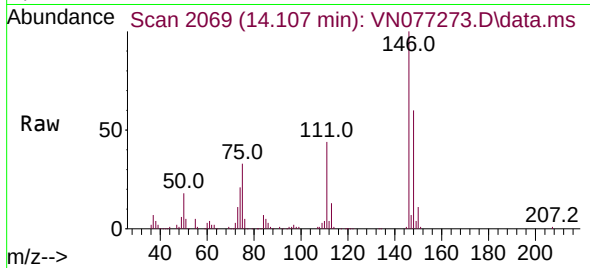
#87
1,2-Dichlorobenzene
Concen: 10.723 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 167178
Ion Ratio Lower Upper
146 100
111 44.8 20.5 61.6
148 63.8 32.5 97.5

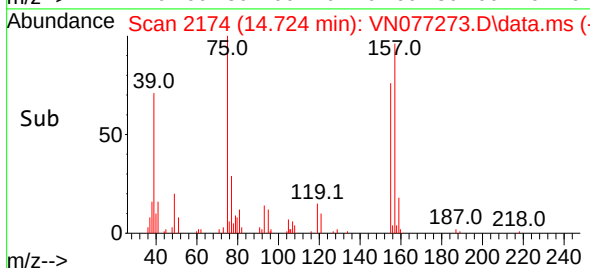
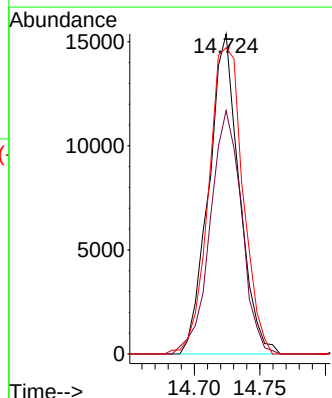
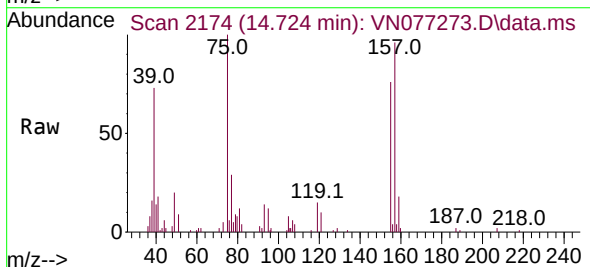
Manual Integrations
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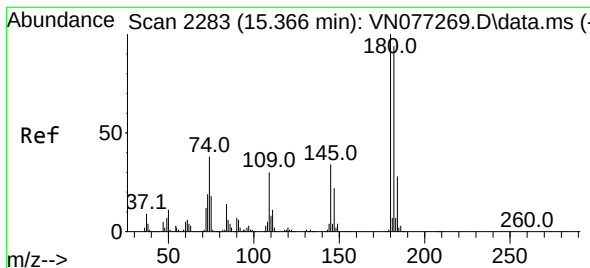
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 10.563 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

Tgt Ion: 75 Resp: 24774
Ion Ratio Lower Upper
75 100
155 78.5 62.5 93.7
157 108.2 77.5 116.3





#89

1,2,4-Trichlorobenzene

Concen: 9.344 ug/l

RT: 15.371 min Scan# 21

Delta R.T. -0.024 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:180 Resp: 5896

Ion Ratio Lower Upper

180 100

182 96.9 76.6 115.0

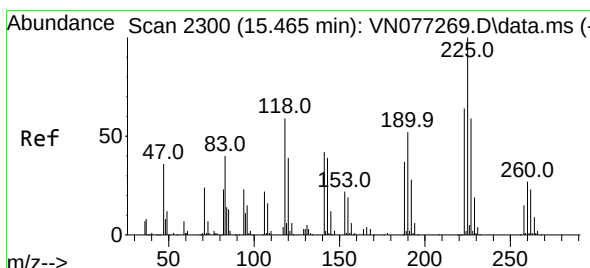
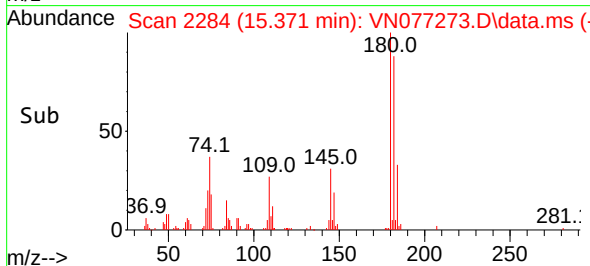
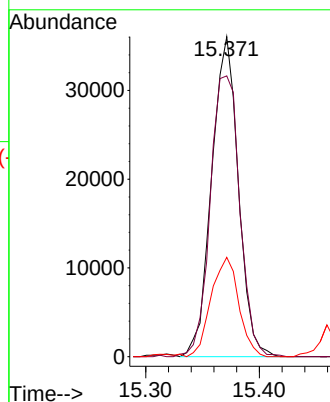
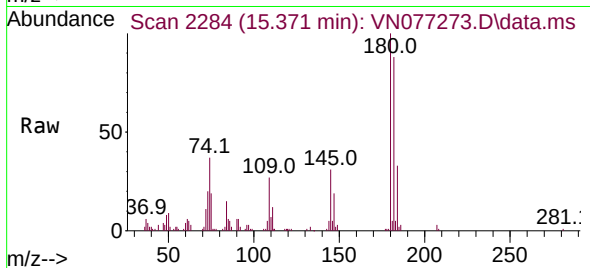
145 32.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#90

Hexachlorobutadiene

Concen: 10.519 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. -0.036 min

Lab File: VN077273.D

Acq: 07 Apr 2023 12:17

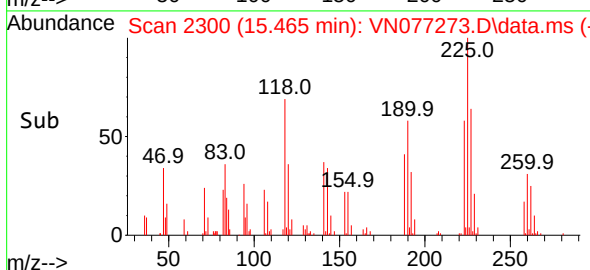
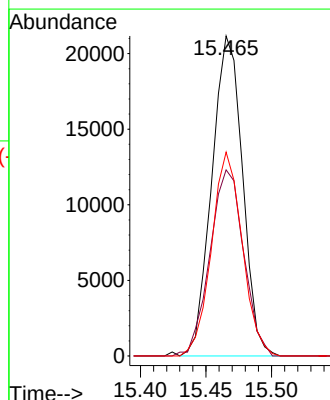
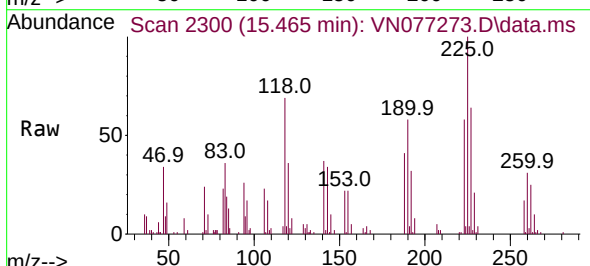
Tgt Ion:225 Resp: 34426

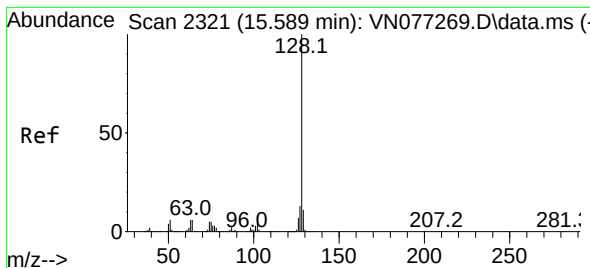
Ion Ratio Lower Upper

225 100

223 63.9 0.0 135.4

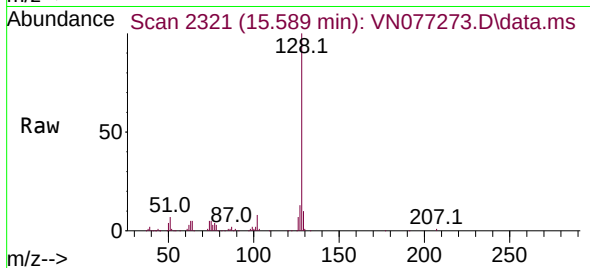
227 63.7 0.0 129.4





#91
Naphthalene
Concen: 9.247 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.053 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17

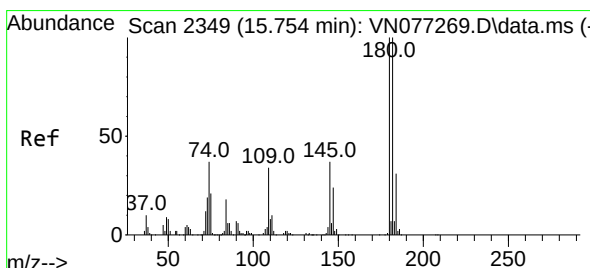
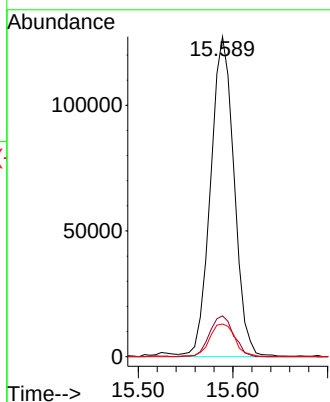
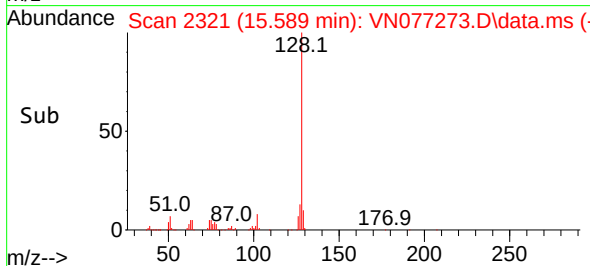
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



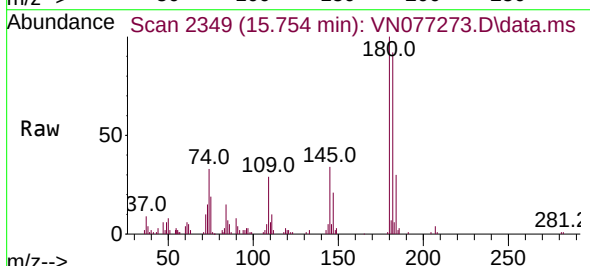
Tgt Ion:128 Resp: 220015
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.6
129 10.9 8.9 13.3

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



#92
1,2,3-Trichlorobenzene
Concen: 9.174 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.088 min
Lab File: VN077273.D
Acq: 07 Apr 2023 12:17



Tgt Ion:180 Resp: 56044
Ion Ratio Lower Upper
180 100
182 96.9 0.0 190.8
145 32.9 0.0 65.0

