

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042823\
 Data File : VN077500.D
 Acq On : 28 Apr 2023 12:46
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 28 13:15:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 04/29/2023
 Supervised By :Semsettin Yesilyurt 04/29/2023

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

Internal Standards						
1) Bromochloromethane	7.825	128	63108	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	498230	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	544881	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.578	65	172819	32.289	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.633%			
60) 4-Bromofluorobenzene	12.854	95	305369	32.411	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 108.033%			
63) Toluene-d8	10.566	98	562002	29.340	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.131	85	956832	159.483	ug/l	99
3) Chloromethane	2.372	50	640173	80.317	ug/l	100
4) Vinyl Chloride	2.519	62	924158	80.948	ug/l	100
5) Bromomethane	2.937	94	729717	84.823	ug/l	96
6) Chloroethane	3.119	64	626504	81.871	ug/l	99
7) Trichlorofluoromethane	3.496	101	1375718	129.416	ug/l	99
8) Diethyl Ether	3.966	74	489832	108.108	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.378	101	784539	118.023	ug/l	99
10) 1,1-Dichloroethene	4.348	96	760333	114.338	ug/l	98
11) Methyl Iodide	4.595	142	1020221	135.800	ug/l	97
12) Methyl Acetate	5.031	43	1061383	107.131	ug/l	92
13) Acrolein	4.190	56	668692	543.755	ug/l	100
14) Acrylonitrile	5.725	53	1659569	490.046	ug/l	100
15) Acetone	4.437	58	492784	401.098	ug/l	99
16) Carbon Disulfide	4.719	76	1967971	112.122	ug/l	96
17) Allyl chloride	5.031	41	798636	93.296	ug/l	93
18) Methylene Chloride	5.290	84	860925	111.485	ug/l	95
19) trans-1,2-Dichloroethene	5.795	96	841748	116.414	ug/l	96
20) Diisopropyl ether	6.684	45	1907400	93.490	ug/l	95
21) 1,1-Dichloroethane	6.578	63	1389649	107.460	ug/l	97
22) cis-1,2-Dichloroethene	7.489	96	994991	112.880	ug/l	96
23) tert-Butyl Alcohol	5.537	59	720668	478.584	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	2615283	109.242	ug/l	99
25) Chloroform	7.972	83	1615297	115.258	ug/l	97
26) Cyclohexane	8.260	56	1158238	103.074	ug/l #	93
29) 1,1-Dichloropropene	8.378	75	1179963	109.327	ug/l	98
30) 2-Butanone	7.489	43	1966796	385.351	ug/l	92
31) 2,2-Dichloropropane	7.495	77	1384884	104.525	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	1531910	115.332	ug/l	99
33) Carbon Tetrachloride	8.366	117	1306830	115.276	ug/l	96
34) Benzene	8.613	78	3526755	105.606	ug/l	97
35) Methacrylonitrile	7.783	41	423371	88.056	ug/l	95
36) 1,2-Dichloroethane	8.672	62	1187181	113.388	ug/l	98
37) Trichloroethene	9.354	130	919033	112.509	ug/l	94
38) Methylcyclohexane	9.601	83	1563035	106.778	ug/l	98
39) 1,2-Dichloropropane	9.625	63	800513	96.562	ug/l	100
40) Dibromomethane	9.713	93	649018	108.654	ug/l	99
41) Bromodichloromethane	9.889	83	1330082	111.671	ug/l	99
42) Vinyl Acetate	6.613	43	6049054	409.505	ug/l #	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042823\
 Data File : VN077500.D
 Acq On : 28 Apr 2023 12:46
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2023
 Supervised By : Semsettin Yesilyurt 04/29/2023

Quant Time: Apr 28 13:15:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	831163	88.021	ug/l	94
44) Isopropyl Acetate	8.695	43	1443023	85.350	ug/l #	100
45) 1,4-Dioxane	9.695	88	333699	1871.463	ug/l	96
46) Methyl methacrylate	9.683	41	645180	88.632	ug/l	95
47) n-amyl Acetate	12.495	43	1308049	88.530	ug/l	94
48) t-1,3-Dichloropropene	10.836	75	1433929	107.572	ug/l	96
49) cis-1,3-Dichloropropene	10.313	75	1500379	105.803	ug/l	92
50) 1,1,2-Trichloroethane	11.019	97	925616	106.685	ug/l	97
51) Ethyl methacrylate	10.877	69	1377955	103.420	ug/l	93
52) 1,3-Dichloropropane	11.166	76	1497424	103.409	ug/l	99
53) Dibromochloromethane	11.360	129	1020287	111.575	ug/l	99
54) 1,2-Dibromoethane	11.471	107	962018	110.452	ug/l	98
55) 2-Chloroethyl vinyl ether	10.160	63	2310230	561.599	ug/l	96
56) Bromoform	12.577	173	662508	107.854	ug/l	98
58) 4-Methyl-2-Pentanone	10.448	43	4161748	407.932	ug/l #	92
59) 2-Hexanone	11.195	43	3097907	392.846	ug/l	94
61) Tetrachloroethene	11.107	164	713115	110.034	ug/l	97
62) Toluene	10.630	91	4089796	107.576	ug/l	100
64) Chlorobenzene	11.895	112	2511179	108.723	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.966	131	912668	107.455	ug/l	98
66) Ethyl Benzene	11.966	91	4642811	110.232	ug/l	98
67) m/p-Xylenes	12.071	106	3618065	219.154	ug/l	99
68) o-Xylene	12.401	106	1777662	107.632	ug/l	97
69) Styrene	12.413	104	2925997	110.577	ug/l	99
70) Isopropylbenzene	12.695	105	4705188	112.254	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.942	83	1349592	105.141	ug/l	100
72) 1,2,3-Trichloropropane	12.995	75	1110424m	127.265	ug/l	
73) Bromobenzene	12.983	156	974036	114.378	ug/l	94
74) n-propylbenzene	13.036	91	5442499	117.356	ug/l	99
75) 2-Chlorotoluene	13.130	91	3225140	116.086	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	3937818	115.427	ug/l	99
77) t-1,4-Dichloro-2-butene	12.736	75	435546	98.002	ug/l	97
78) 4-Chlorotoluene	13.224	91	3106412	118.333	ug/l	100
79) tert-butylbenzene	13.442	119	3344839	112.657	ug/l	97
80) 1,2,4-Trimethylbenzene	13.483	105	3905909	117.451	ug/l	99
81) sec-Butylbenzene	13.618	105	4943611	116.585	ug/l	100
82) p-Isopropyltoluene	13.730	119	4018124	118.278	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	1868069	115.696	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	1879696	119.992	ug/l	99
85) n-Butylbenzene	14.060	91	3581918	127.595	ug/l	100
86) Hexachloroethane	14.336	117	793783	109.843	ug/l	100
87) 1,2-Dichlorobenzene	14.107	146	1850738	116.981	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	272248	110.684	ug/l	94
89) 1,2,4-Trichlorobenzene	15.395	180	794723	127.704	ug/l	98
90) Hexachlorobutadiene	15.501	225	387235	121.327	ug/l	99
91) Naphthalene	15.642	128	3064993	128.921	ug/l	100
92) 1,2,3-Trichlorobenzene	15.842	180	755814	124.471	ug/l	98

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

Manual Integrations

Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

TIC: VN077500.D\data.ms

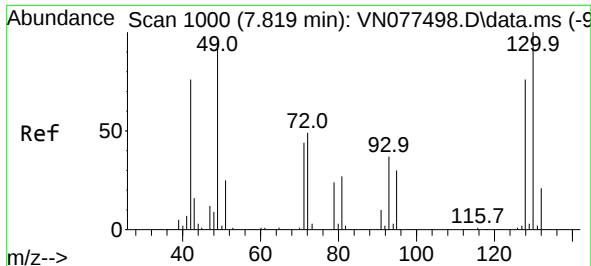
Abundance

Time-->

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

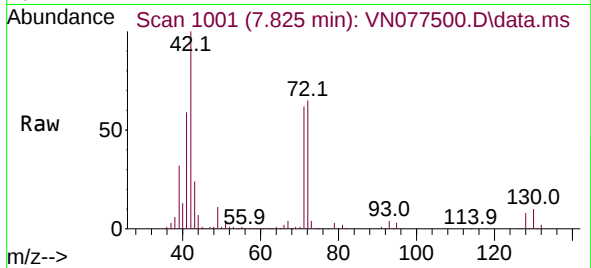
1.25e+07
1.2e+07
1.15e+07
1.1e+07
1.05e+07
1e+07
9500000
9000000
8500000
8000000
7500000
7000000
6500000
6000000
5500000
5000000
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0

Dichlorodifluoromethane, M
Chloromethane, M
Vinyl Chloride, M
Bromomethane, M
Chloroethane, M
Trichlorofluoromethane, M
Diethyl Ether, T
Acrolein, M
Acetone, M
Methyl Iodide
Carbon Disulfide, M
Methyl Acetate
Methylene Chloride, M
tert-Butyl Alcohol, M
Acrylonitrile, M
Vinyl Acetate, M
1,1-Dichloroethane, M
Diisopropyl ether, T
Vinyl Acetate, M
2,2,3,3-Tetrachlorobutane, M
Ethyl Acetate
Methacrylonitrile
Chloroform, M
1,1,1-Trichloroethane, M
1,1,1-Trichloroethane, M
1,2-Dichloroethane, M
1,2-Dichloroethane, M
1,4-Difluorobenzene, I
Trichloroethene, M
Dibromodichloromethane, M
Bromodichloromethane, M
cis-1,3-Dichloropropene, T
Toluene, M
1,2-Dichloroethane, M
1,1,2-Trichloroethane, M
1,3-Dichloropropene, M
1,2-Dibromomethane, M
Chlorobenzene, M
Ethyl Bromide, M
n-Propyl acetate, M
n-Butyl acetate, M
4-Bromofluorobenzene, S
1,4-Dichloro-2-butene
1,1,2,2-Tetrachloroethane, M
1,1,2,2-Tetrachloroethane, M
4-Chlorobenzene, M
1,2,4-Trichlorobenzene, M
1,2,4-Trichlorobenzene, M
1,2,3-Trichlorobenzene, M
1,4-Dichlorobenzene, M
1,2-Dichlorobenzene, M
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene, M
1,2,3-Trichlorobenzene



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

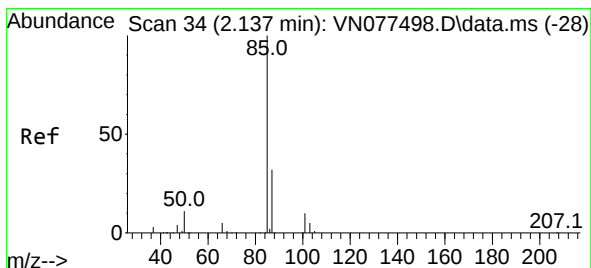
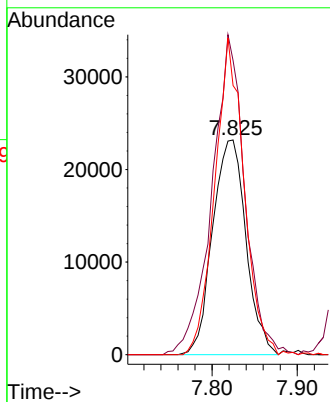
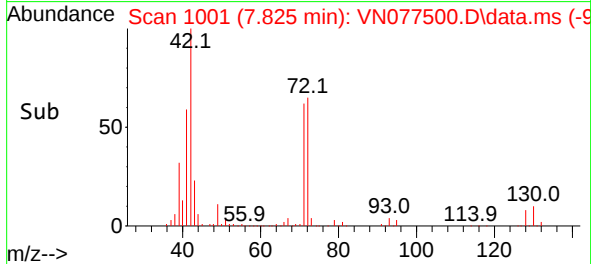
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



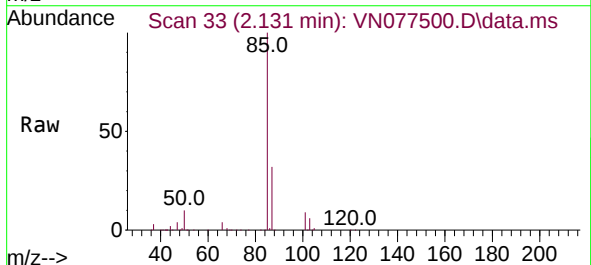
Tgt Ion:128 Resp: 63108
Ion Ratio Lower Upper
128 100
49 146.1 0.0 379.5
130 128.9 0.0 322.8

Manual Integrations
APPROVED

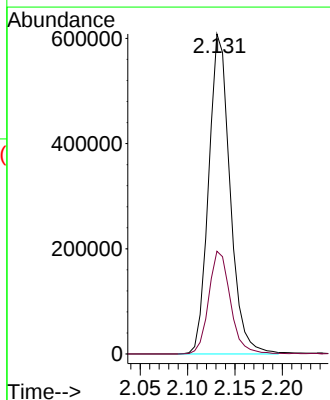
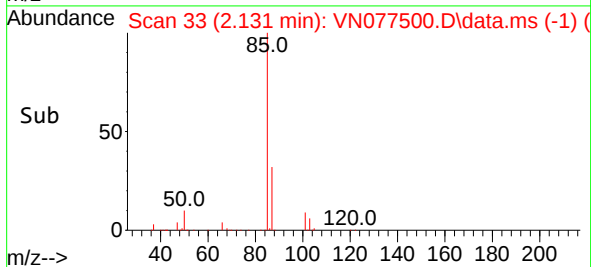
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

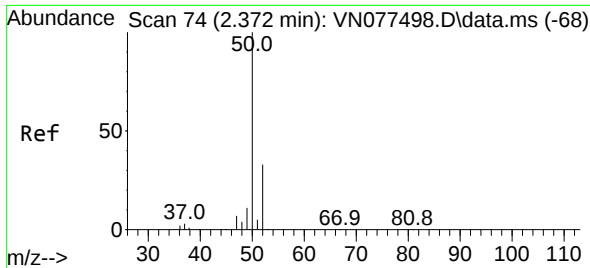


#2
Dichlorodifluoromethane
Concen: 159.483 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46



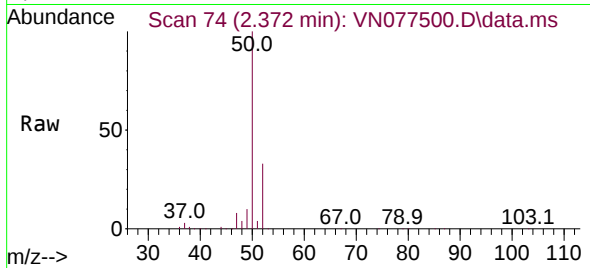
Tgt Ion: 85 Resp: 956832
Ion Ratio Lower Upper
85 100
87 32.1 16.2 48.6





#3
Chloromethane
Concen: 80.317 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

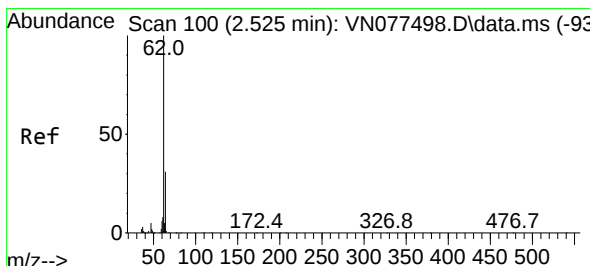
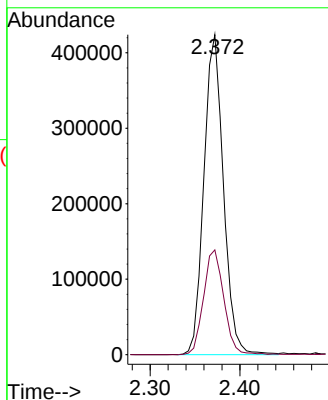
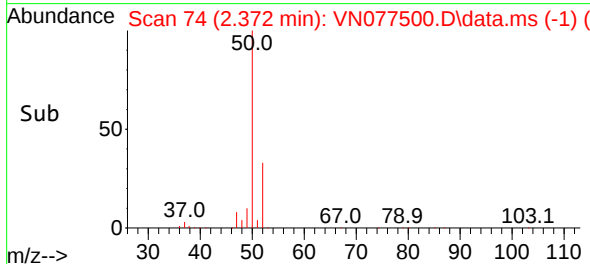
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 640173
Ion Ratio Lower Upper
50 100
52 32.7 26.4 39.6

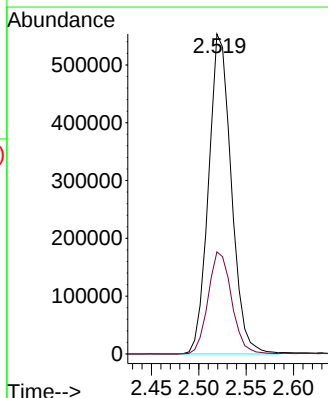
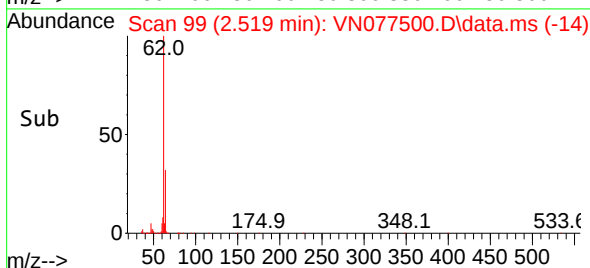
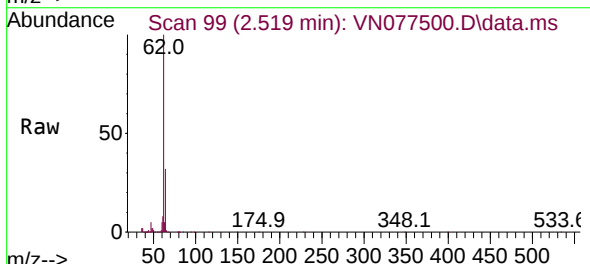
Manual Integrations
APPROVED

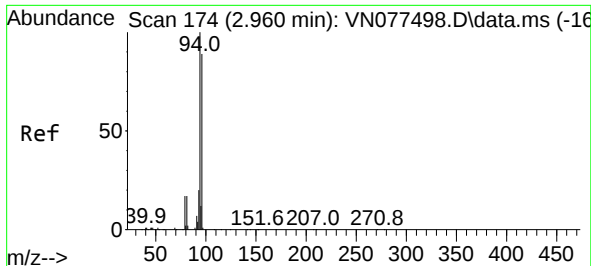
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#4
Vinyl Chloride
Concen: 80.948 ug/l
RT: 2.519 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

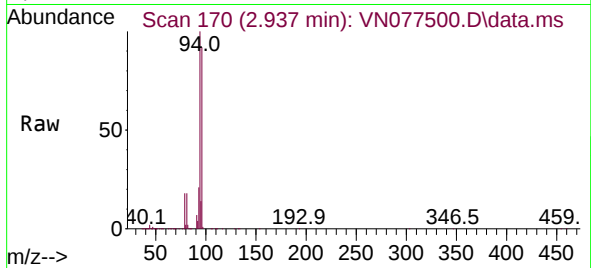
Tgt Ion: 62 Resp: 924158
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5
Bromomethane
Concen: 84.823 ug/l
RT: 2.937 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

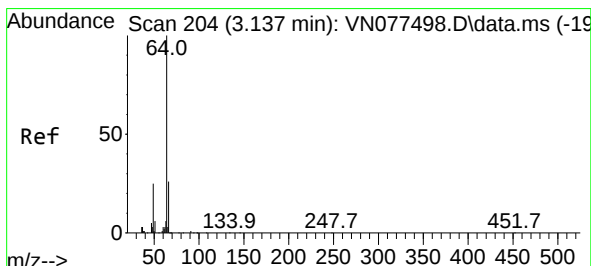
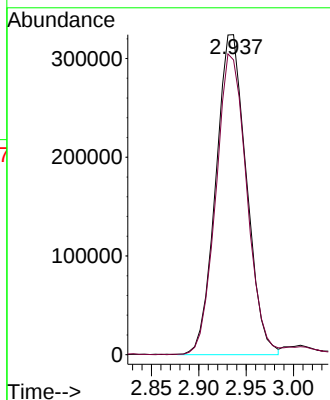
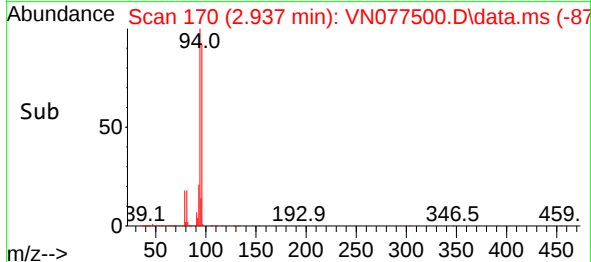
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



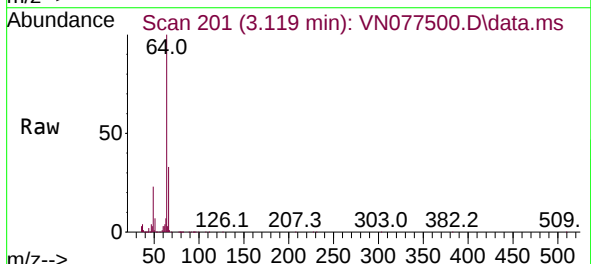
Tgt Ion: 94 Resp: 72971
Ion Ratio Lower Upper
94 100
96 92.1 77.0 115.6

Manual Integrations
APPROVED

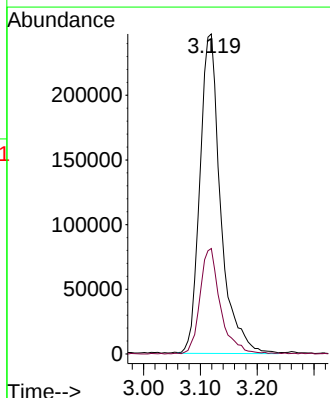
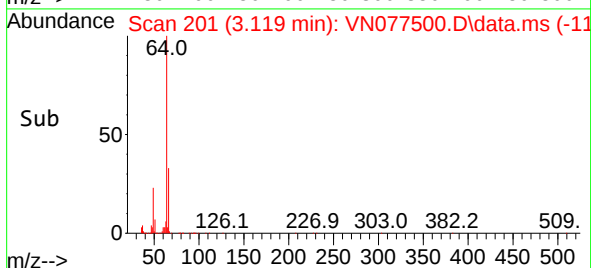
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

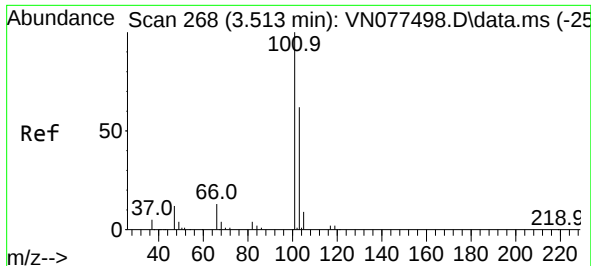


#6
Chloroethane
Concen: 81.871 ug/l
RT: 3.119 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46



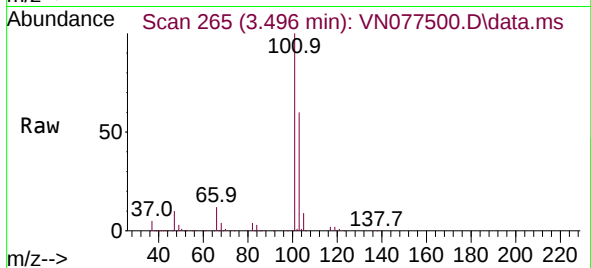
Tgt Ion: 64 Resp: 626504
Ion Ratio Lower Upper
64 100
66 32.9 25.7 38.5





#7
Trichlorofluoromethane
Concen: 129.416 ug/l
RT: 3.496 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

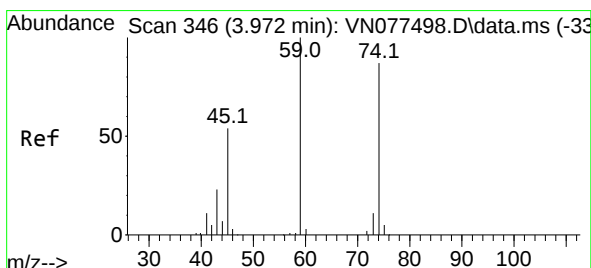
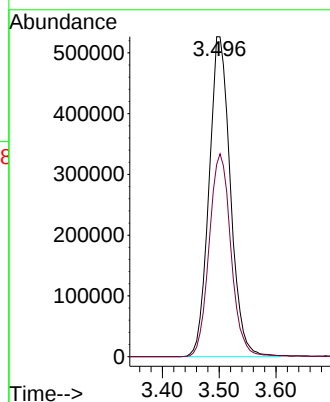
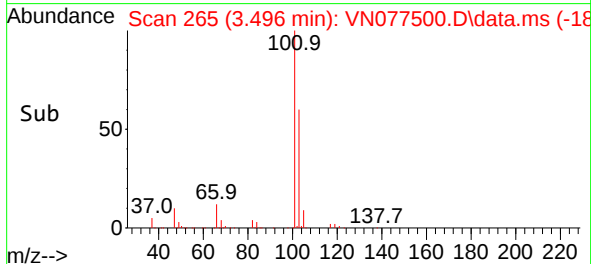
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 101 Resp: 1375718
Ion Ratio Lower Upper
101 100
103 60.1 48.9 73.3

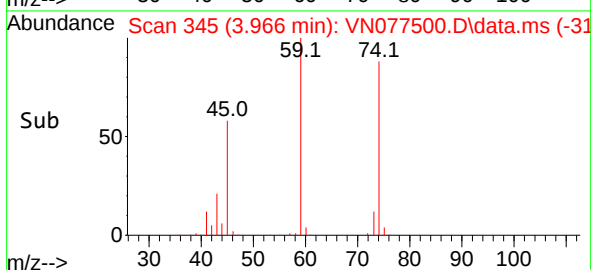
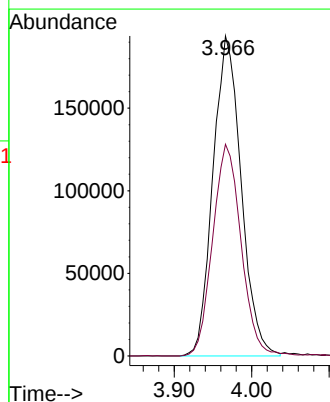
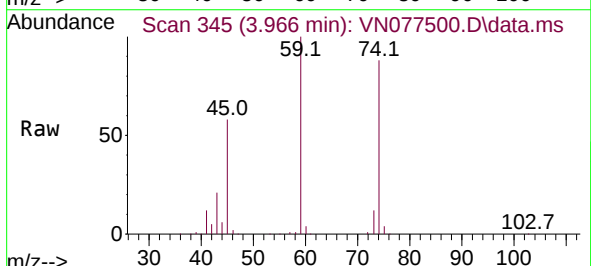
Manual Integrations
APPROVED

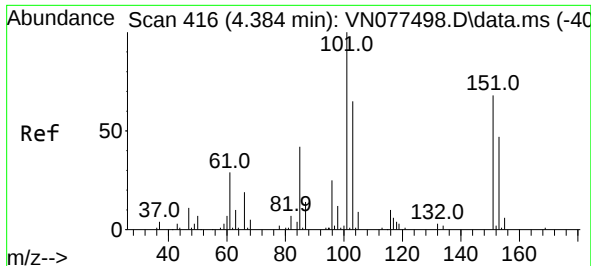
Reviewed By : John Carlone 04/29/2023
Supervised By : Semsettin Yesilyurt 04/29/2023



#8
Diethyl Ether
Concen: 108.108 ug/l
RT: 3.966 min Scan# 345
Delta R.T. 0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

Tgt Ion: 74 Resp: 489832
Ion Ratio Lower Upper
74 100
45 66.8 14.8 133.6





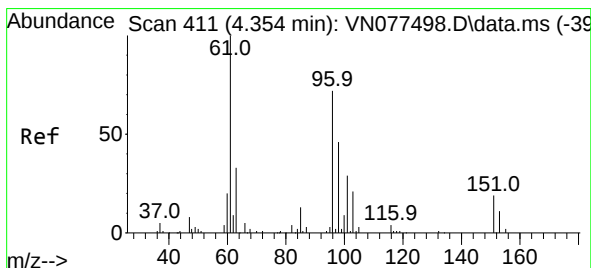
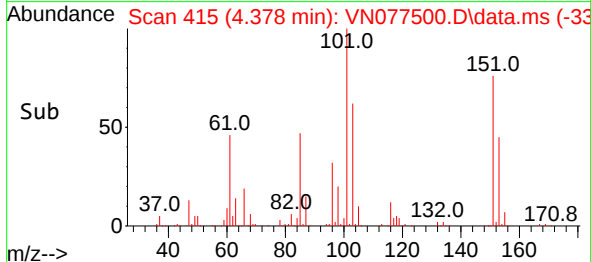
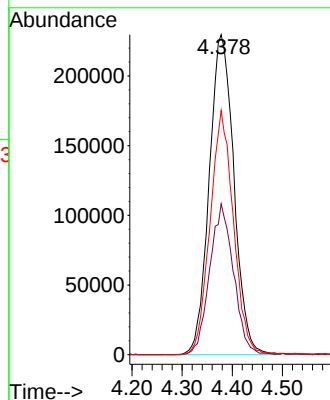
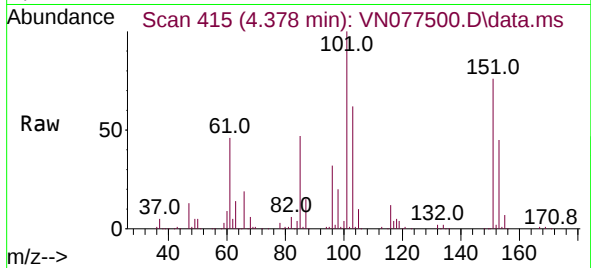
#9
1,1,2-Trichlorotrifluoroethane
Concen: 118.023 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 784539
Ion Ratio Lower Upper
101 100
85 45.3 0.0 89.6
151 72.2 0.0 141.6

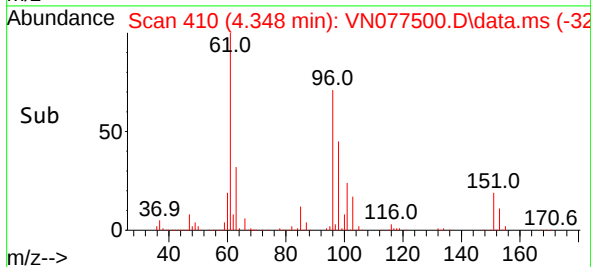
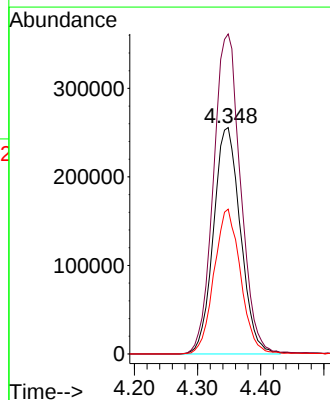
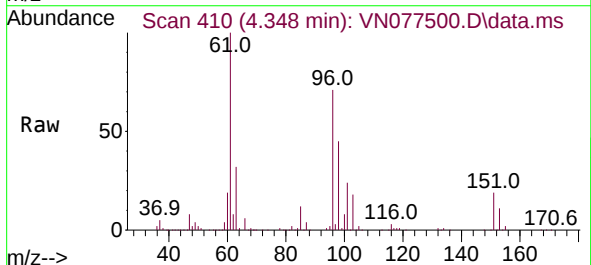
Manual Integrations
APPROVED

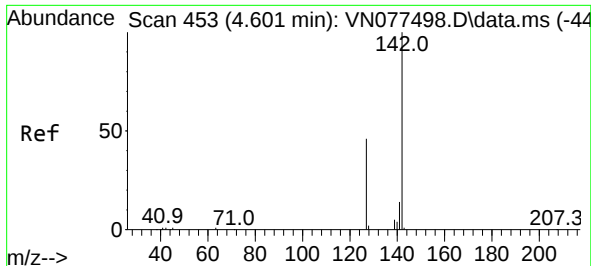
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#10
1,1-Dichloroethene
Concen: 114.338 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.001 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

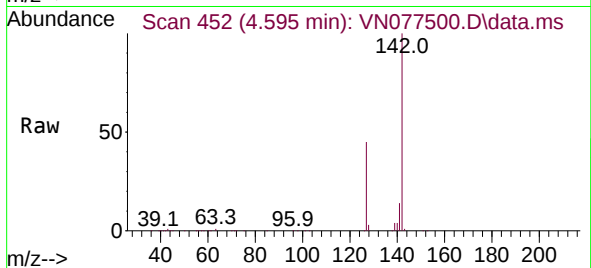
Tgt Ion: 96 Resp: 760333
Ion Ratio Lower Upper
96 100
61 141.4 110.7 166.1
98 64.0 49.6 74.4





#11
Methyl Iodide
Concen: 135.800 ug/l
RT: 4.595 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

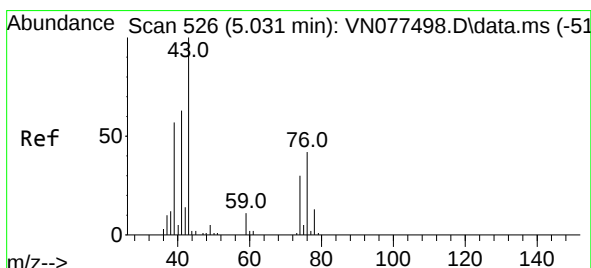
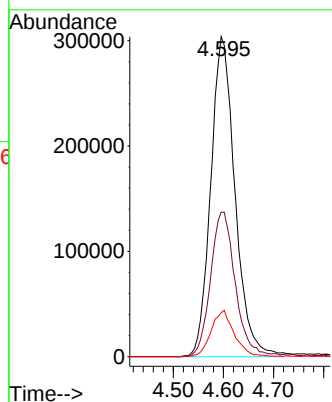
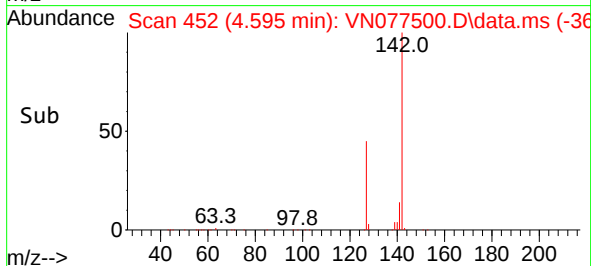
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 102022
Ion Ratio Lower Upper
142 100
127 45.1 21.3 63.7
141 13.8 7.0 20.9

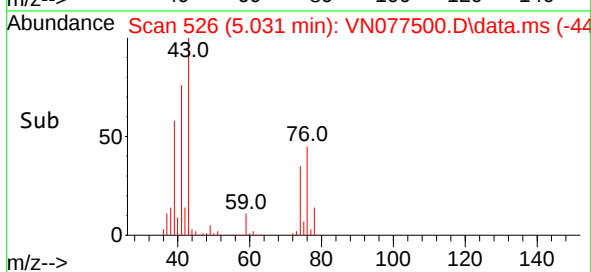
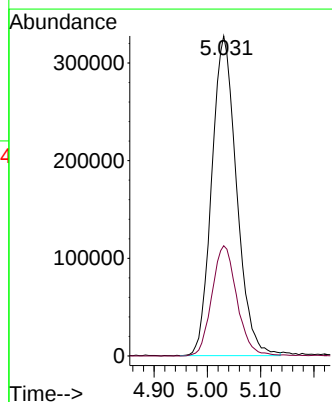
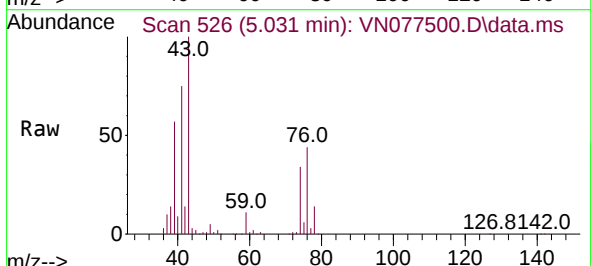
Manual Integrations
APPROVED

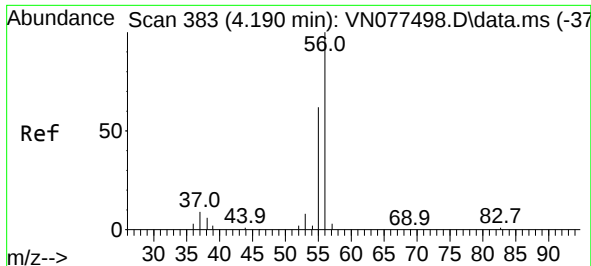
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#12
Methyl Acetate
Concen: 107.131 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

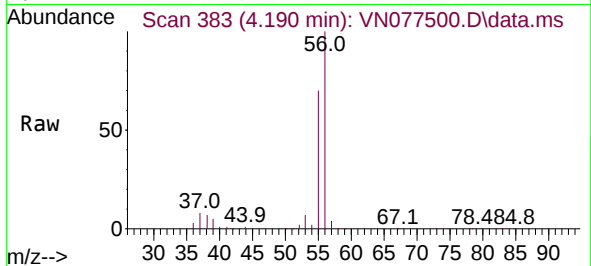
Tgt Ion: 43 Resp: 1061383
Ion Ratio Lower Upper
43 100
74 34.5 24.2 36.2





#13
Acrolein
Concen: 543.755 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

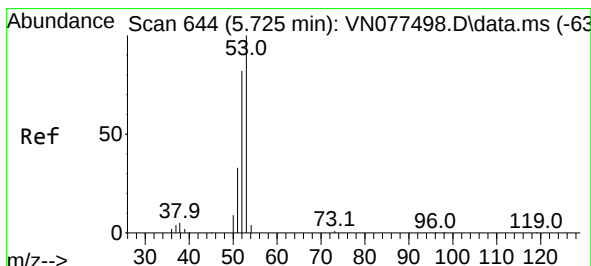
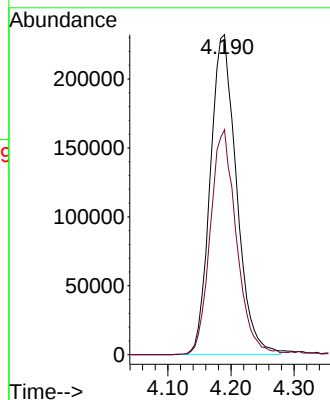
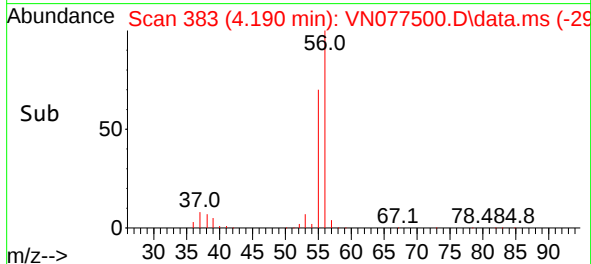
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 668692
Ion Ratio Lower Upper
56 100
55 69.3 55.2 82.8

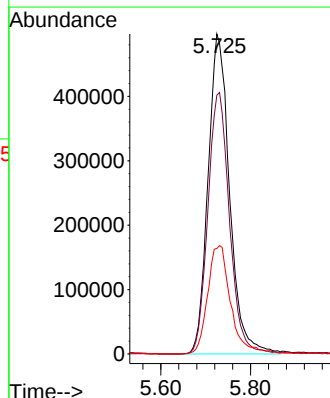
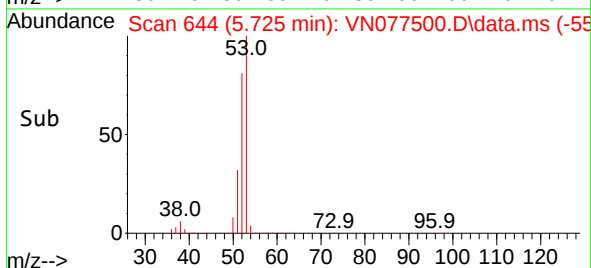
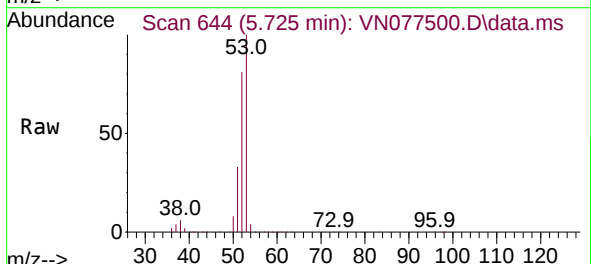
Manual Integrations
APPROVED

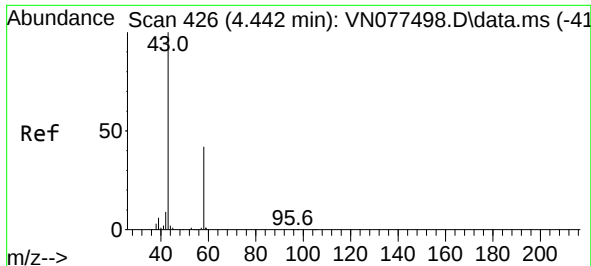
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#14
Acrylonitrile
Concen: 490.046 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

Tgt Ion: 53 Resp: 1659569
Ion Ratio Lower Upper
53 100
52 82.1 41.0 123.0
51 35.1 17.7 53.1





#15

Acetone

Concen: 401.098 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN077500.D

Acq: 28 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 58 Resp: 492784

Ion Ratio Lower Upper

58 100

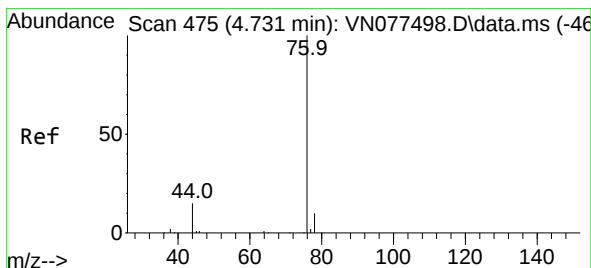
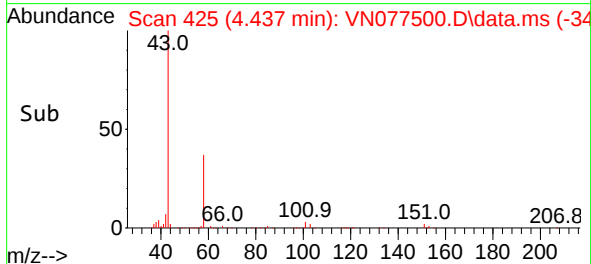
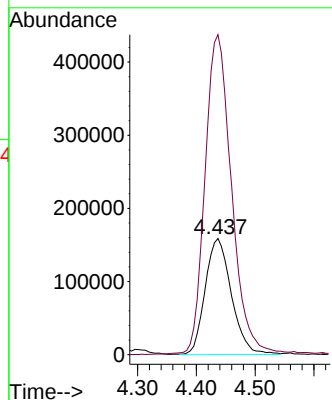
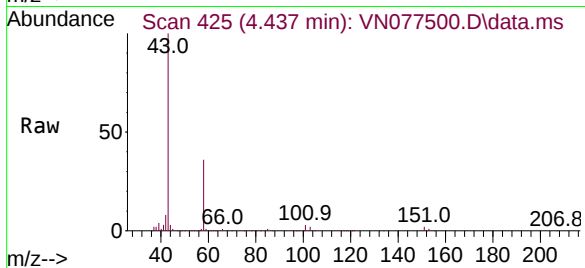
43 274.8 220.9 331.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#16

Carbon Disulfide

Concen: 112.122 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.000 min

Lab File: VN077500.D

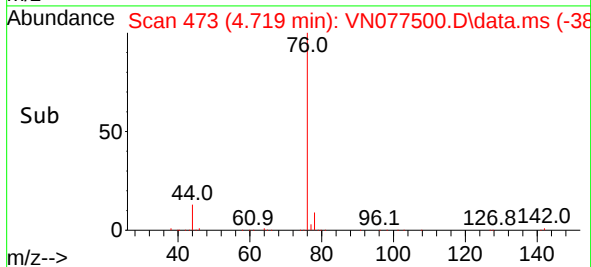
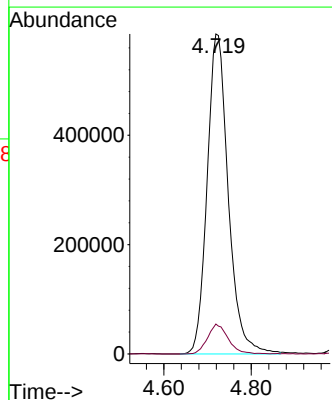
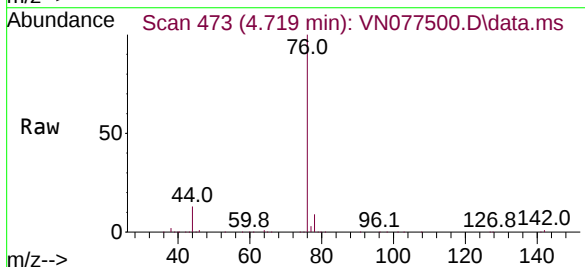
Acq: 28 Apr 2023 12:46

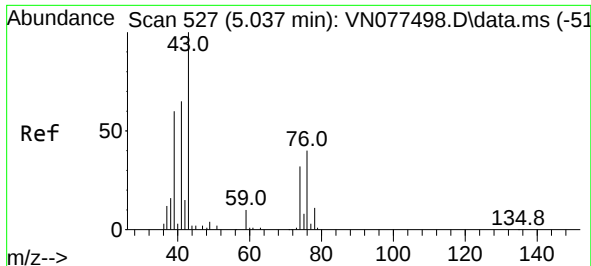
Tgt Ion: 76 Resp: 1967971

Ion Ratio Lower Upper

76 100

78 9.3 6.3 9.5





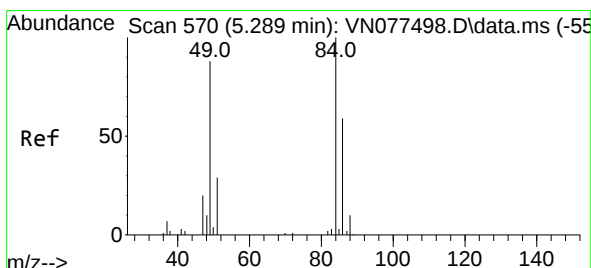
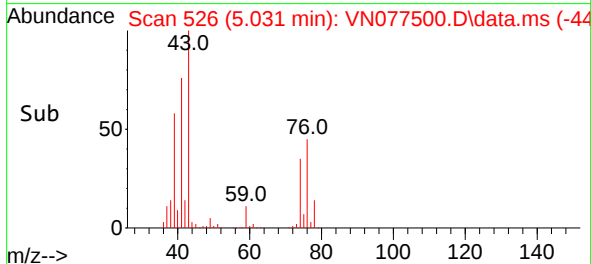
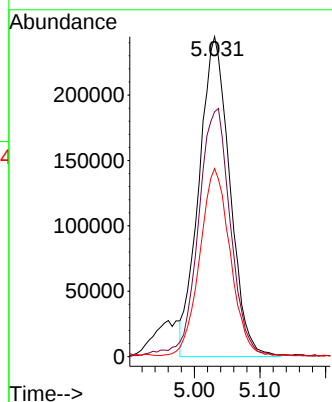
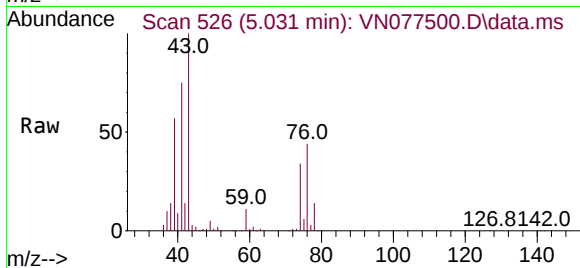
#17
Allyl chloride
Concen: 93.296 ug/l
RT: 5.031 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 798630
Ion Ratio Lower Upper
41 100
39 76.4 40.3 120.9
76 58.7 25.3 75.8

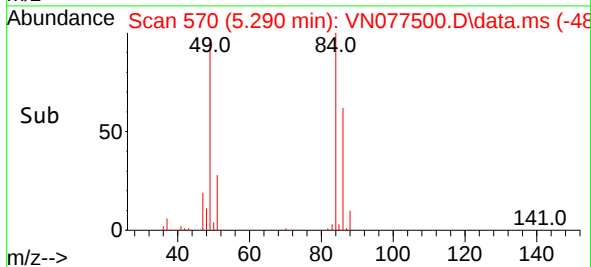
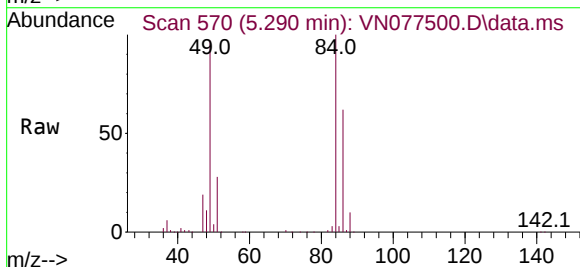
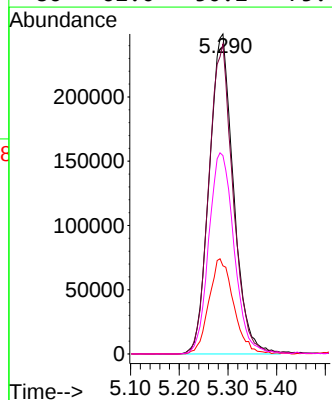
Manual Integrations
APPROVED

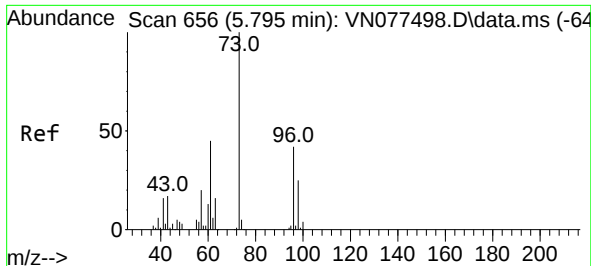
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#18
Methylene Chloride
Concen: 111.485 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

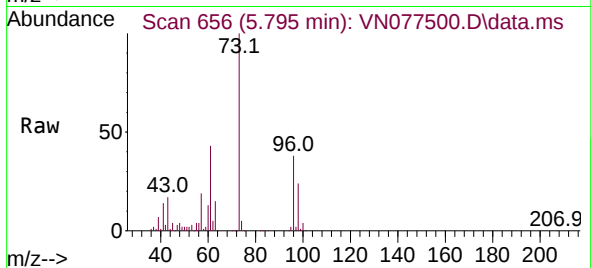
Tgt Ion: 84 Resp: 860925
Ion Ratio Lower Upper
84 100
49 96.7 82.7 124.1
51 27.6 25.6 38.4
86 62.0 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 116.414 ug/l
RT: 5.795 min Scan# 656
Delta R.T. 0.005 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

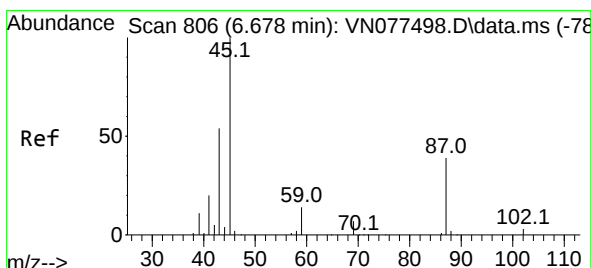
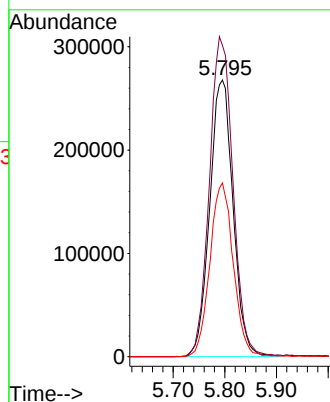
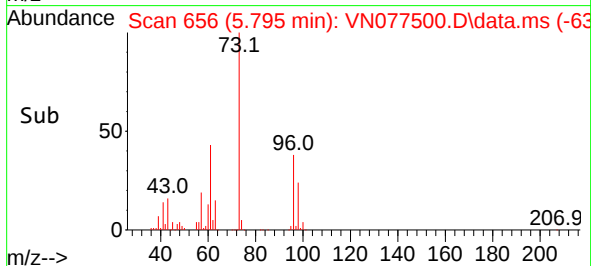
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



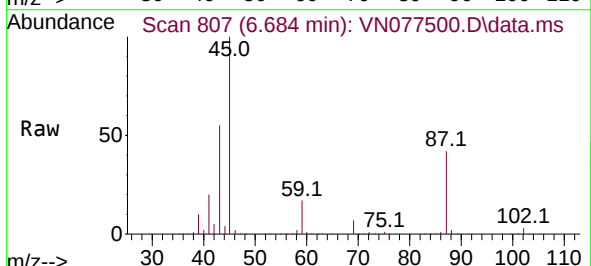
Tgt Ion: 96 Resp: 841748
Ion Ratio Lower Upper
96 100
61 112.5 94.5 141.7
98 62.8 49.8 74.8

Manual Integrations
APPROVED

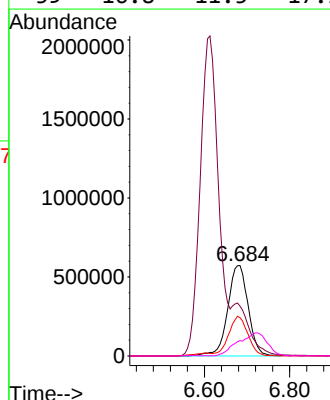
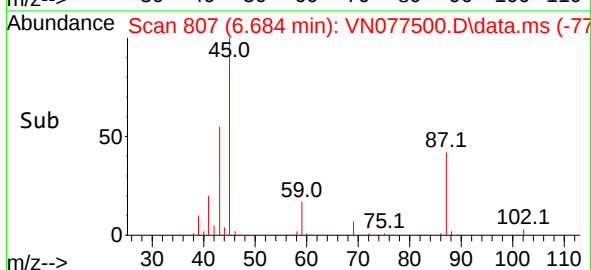
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

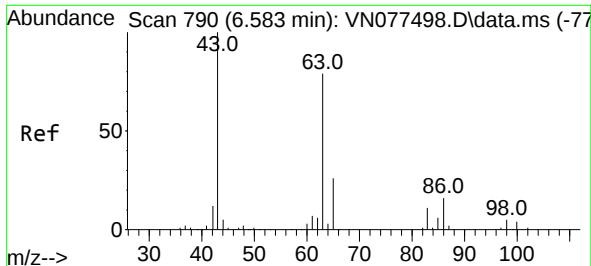


#20
Diisopropyl ether
Concen: 93.490 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46



Tgt Ion: 45 Resp: 1907400
Ion Ratio Lower Upper
45 100
43 54.9 45.9 68.9
87 42.2 30.1 45.1
59 16.8 11.5 17.3





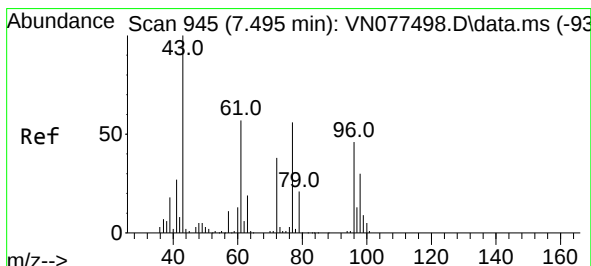
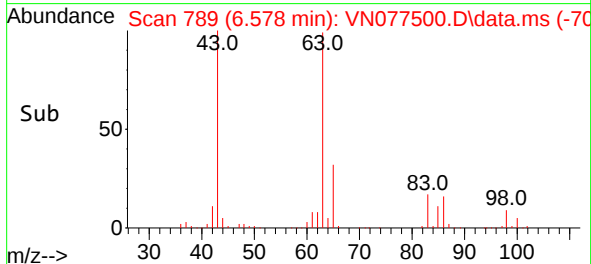
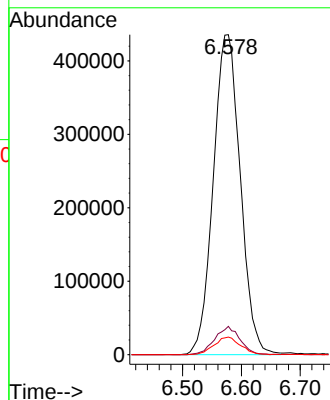
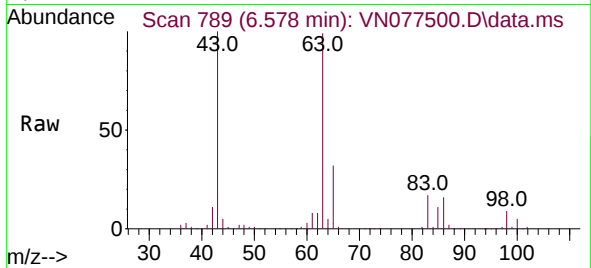
#21
1,1-Dichloroethane
Concen: 107.460 ug/l
RT: 6.578 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 1389649
Ion Ratio Lower Upper
63 100
98 8.9 3.9 11.7
100 5.5 2.3 6.8

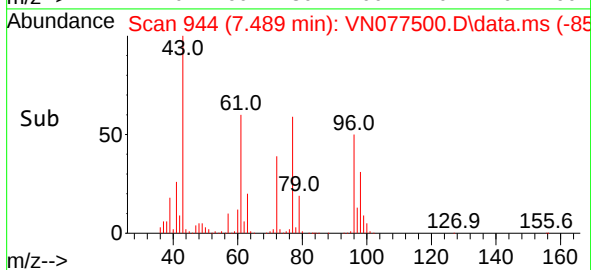
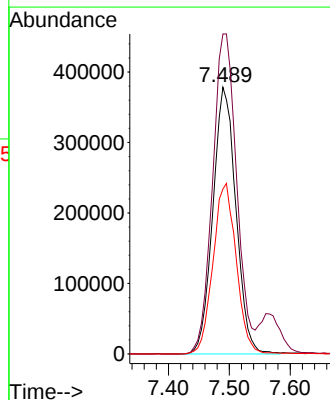
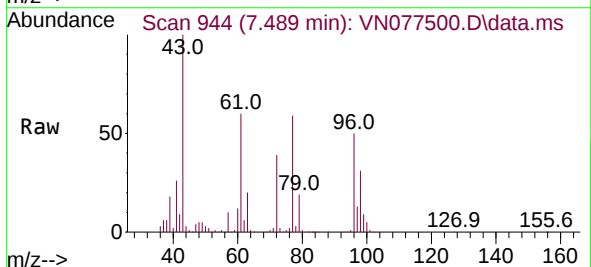
Manual Integrations
APPROVED

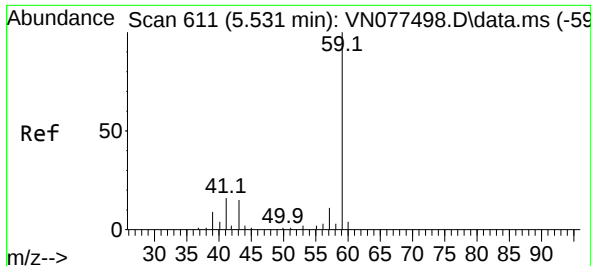
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#22
cis-1,2-Dichloroethene
Concen: 112.880 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

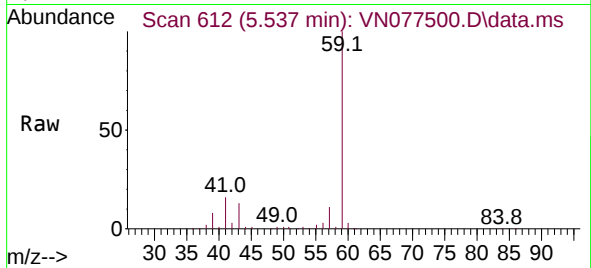
Tgt Ion: 96 Resp: 994991
Ion Ratio Lower Upper
96 100
61 125.6 105.5 158.3
98 64.2 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 478.584 ug/l
RT: 5.537 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

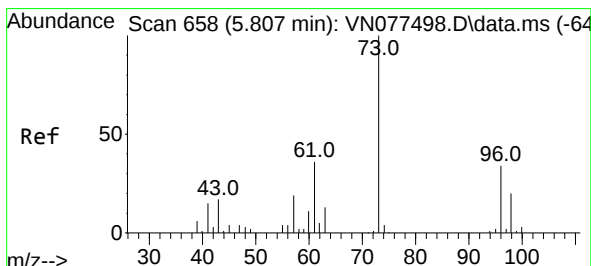
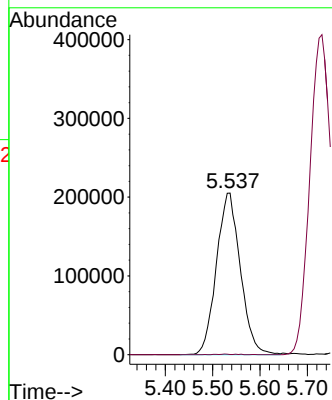
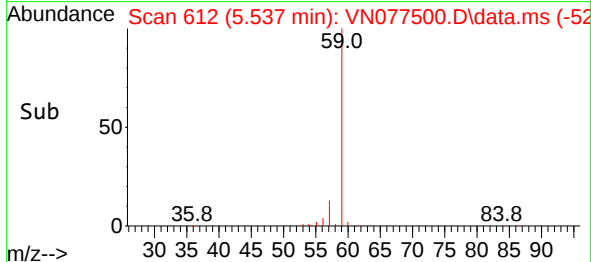
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 59 Resp: 720668
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

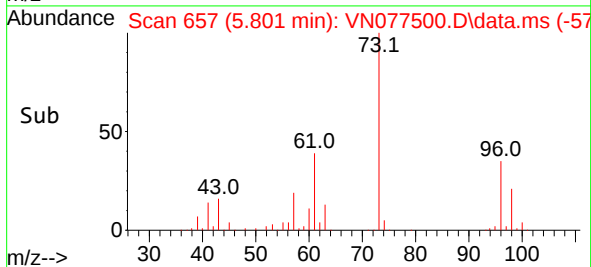
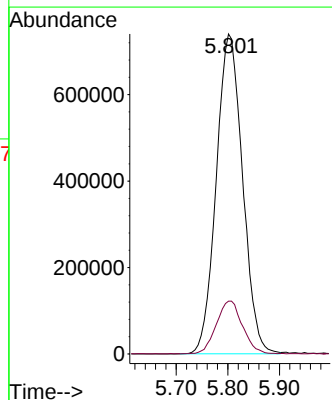
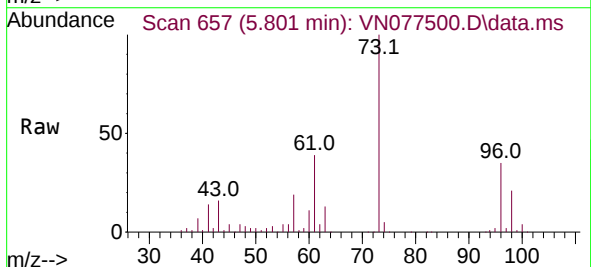
Manual Integrations
APPROVED

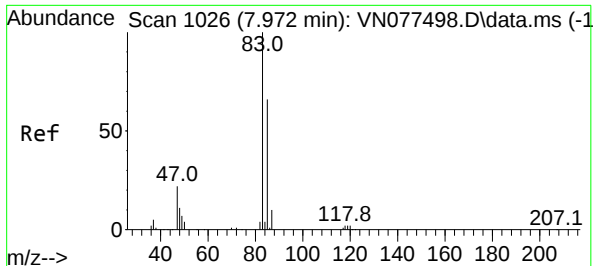
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#24
Methyl tert-Butyl Ether
Concen: 109.242 ug/l
RT: 5.801 min Scan# 657
Delta R.T. -0.006 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

Tgt Ion: 73 Resp: 2615283
Ion Ratio Lower Upper
73 100
43 16.4 13.5 20.3





#25

Chloroform

Concen: 115.258 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077500.D

Acq: 28 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 161529

Ion Ratio Lower Upper

83 100

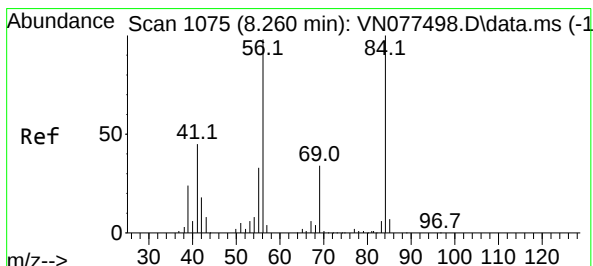
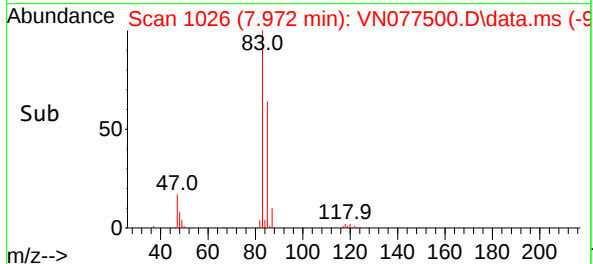
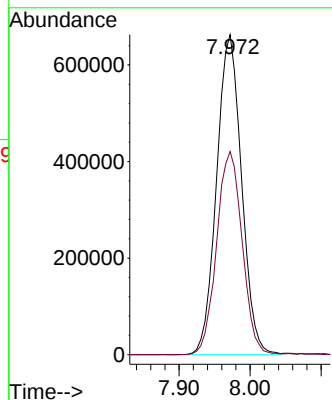
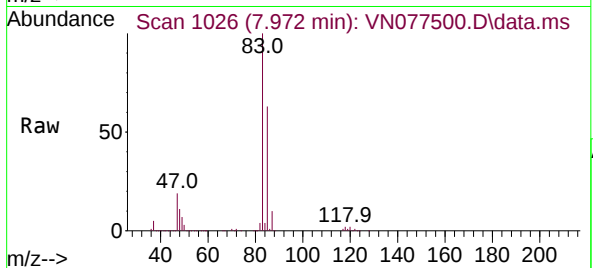
85 63.4 52.9 79.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#26

Cyclohexane

Concen: 103.074 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN077500.D

Acq: 28 Apr 2023 12:46

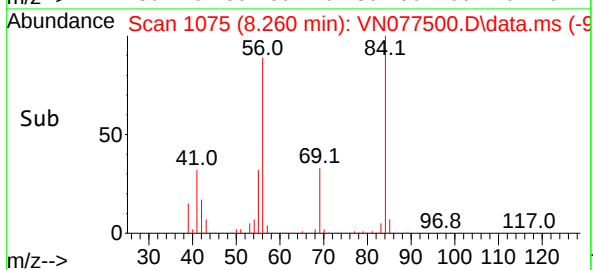
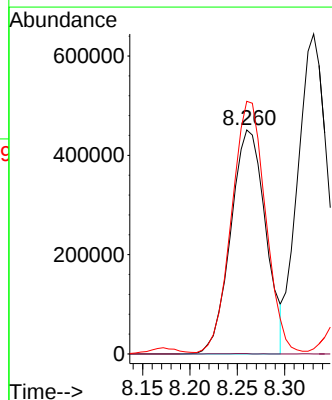
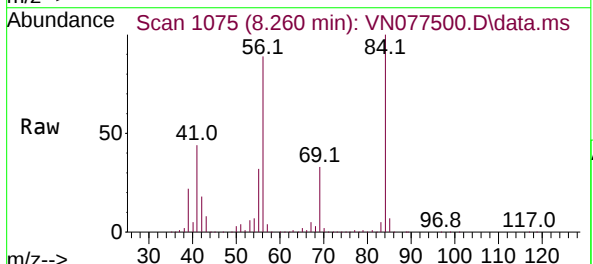
Tgt Ion: 56 Resp: 1158238

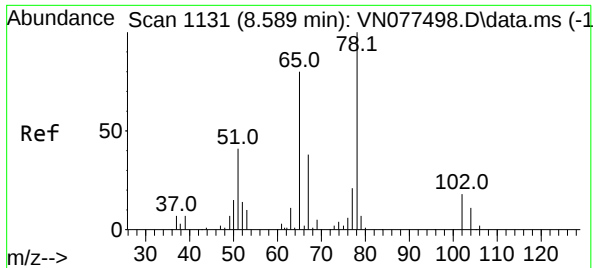
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 110.1 82.6 123.8





#27
1,2-Dichloroethane-d4
Concen: 32.289 ug/l
RT: 8.578 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

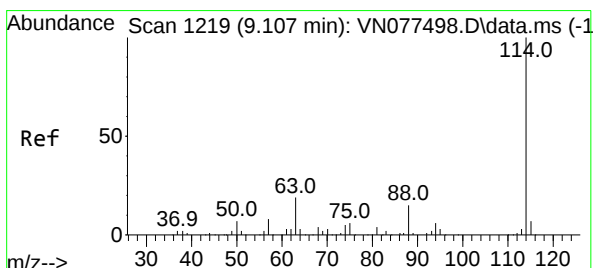
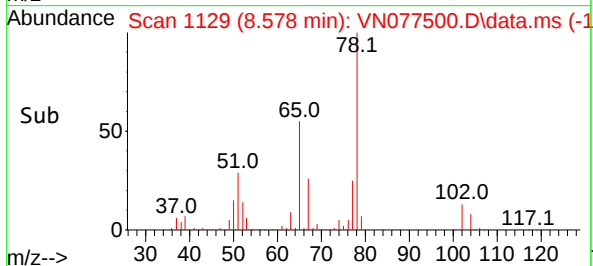
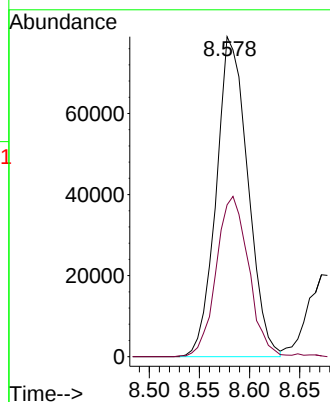
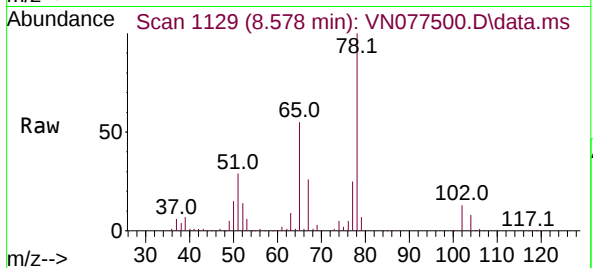
Tgt Ion: 65 Resp: 172819
Ion Ratio Lower Upper
65 100
67 51.3 41.8 62.6

Manual Integrations

APPROVED

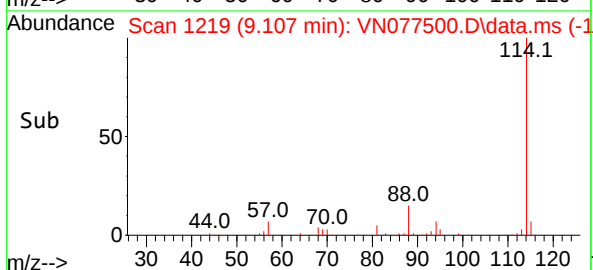
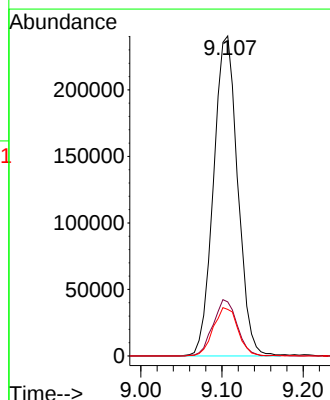
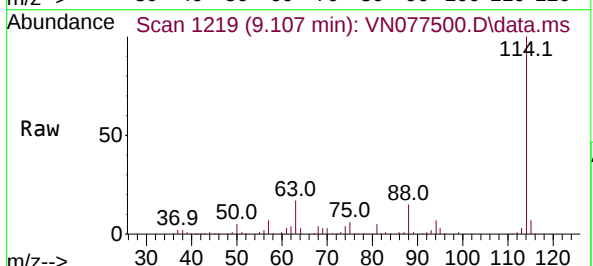
Reviewed By :John Carlone 04/29/2023

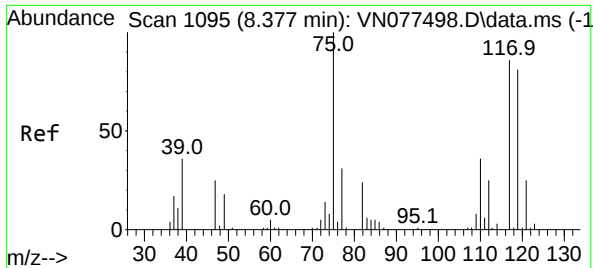
Supervised By :Semsettin Yesilyurt 04/29/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

Tgt Ion:114 Resp: 498230
Ion Ratio Lower Upper
114 100
63 17.6 15.0 22.4
88 15.4 11.9 17.9





#29
1,1-Dichloropropene
Concen: 109.327 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

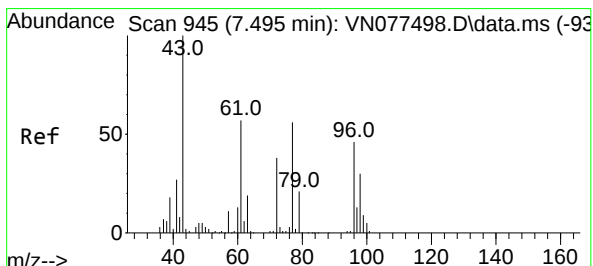
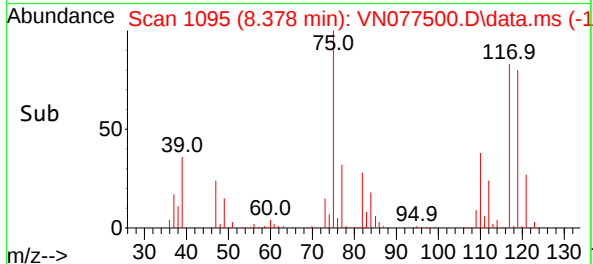
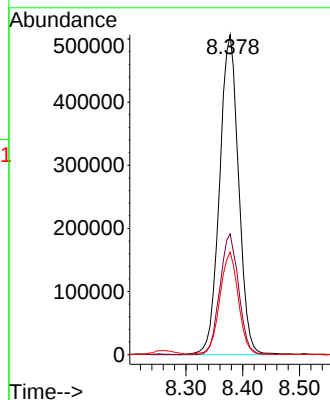
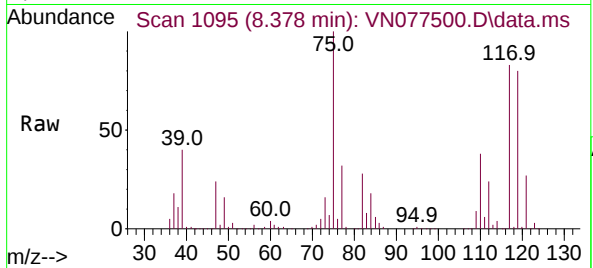
Tgt Ion: 75 Resp: 117996
Ion Ratio Lower Upper
75 100
110 37.3 0.0 72.4
77 31.2 0.0 61.4

Manual Integrations

APPROVED

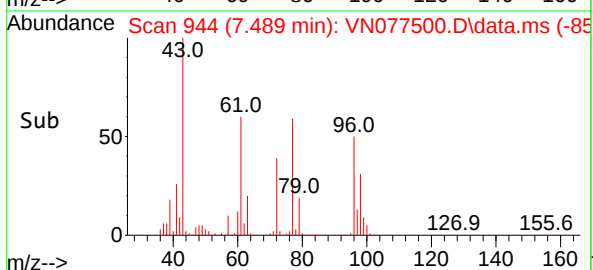
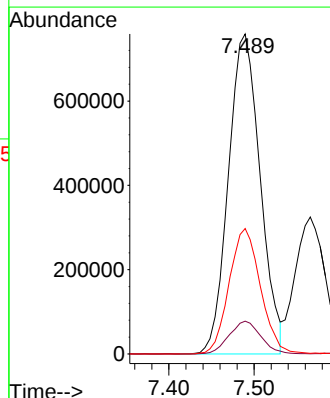
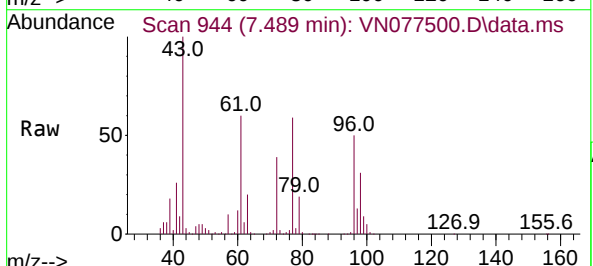
Reviewed By :John Carlone 04/29/2023

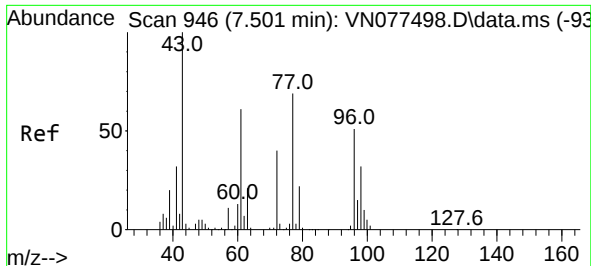
Supervised By :Semsettin Yesilyurt 04/29/2023



#30
2-Butanone
Concen: 385.351 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

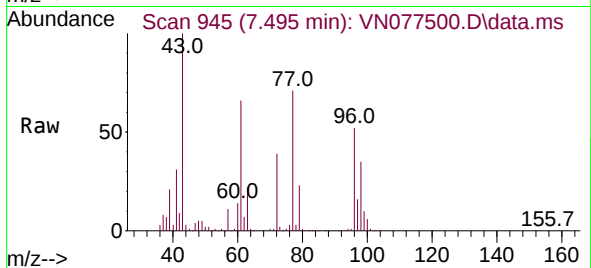
Tgt Ion: 43 Resp: 1966796
Ion Ratio Lower Upper
43 100
57 10.3 7.5 11.3
72 38.7 26.9 40.3





#31
2,2-Dichloropropane
Concen: 104.525 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

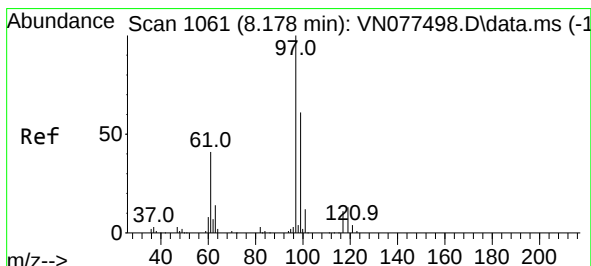
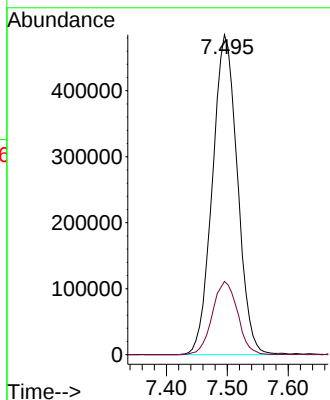
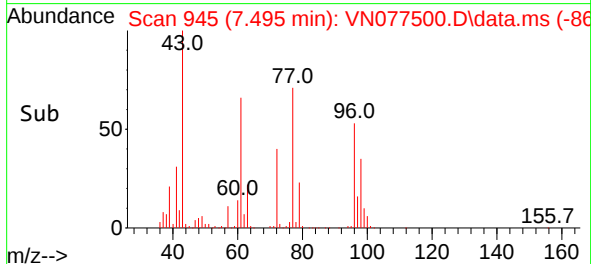
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



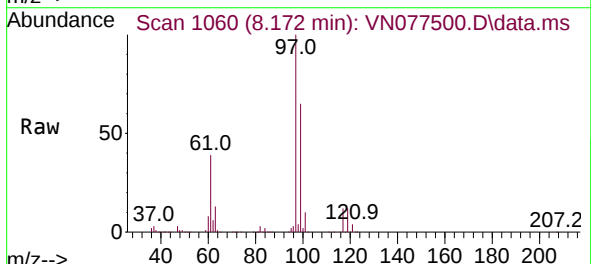
Tgt Ion: 77 Resp: 1384884
Ion Ratio Lower Upper
77 100
97 23.1 18.8 28.2

Manual Integrations
APPROVED

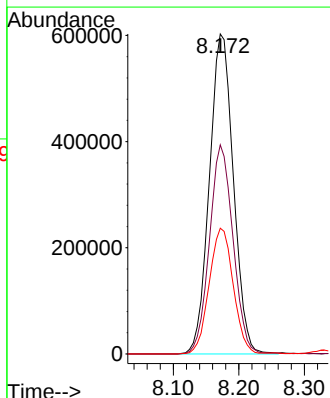
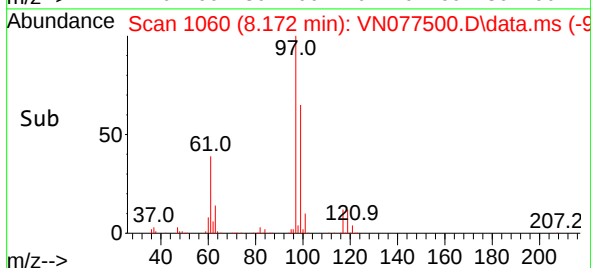
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

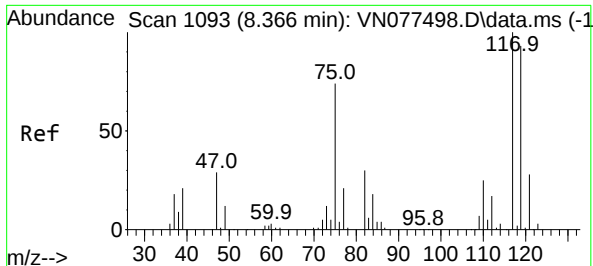


#32
1,1,1-Trichloroethane
Concen: 115.332 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46



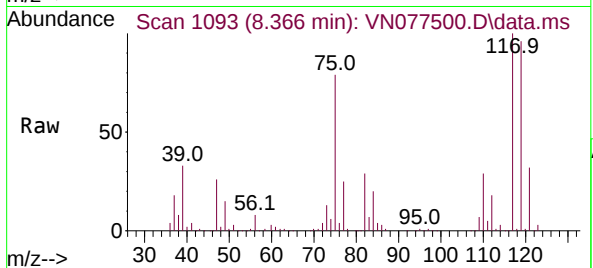
Tgt Ion: 97 Resp: 1531910
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 39.3 32.4 48.6





#33
Carbon Tetrachloride
Concen: 115.276 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

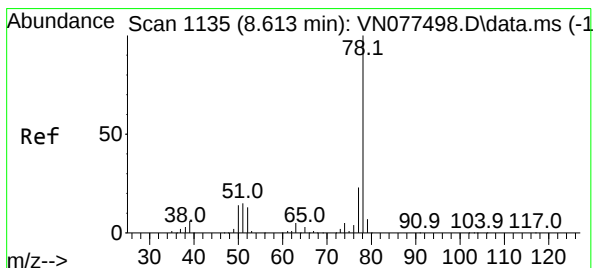
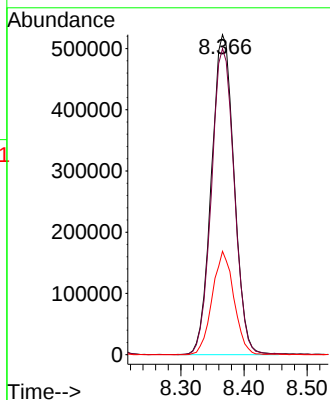
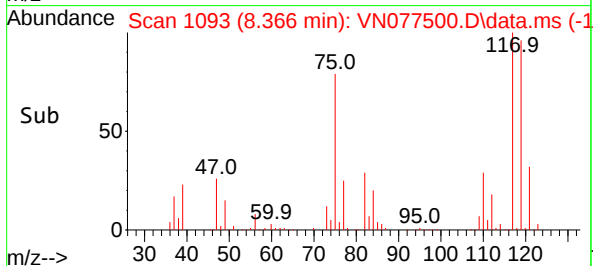
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 1306830
Ion Ratio Lower Upper
117 100
119 95.5 80.2 120.4
121 32.3 26.0 39.0

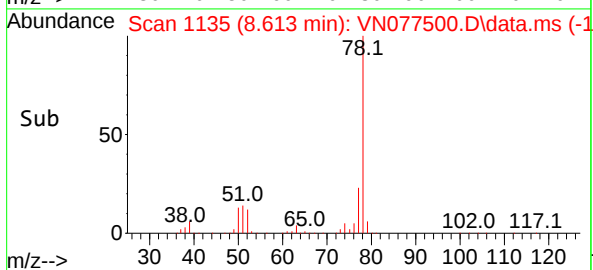
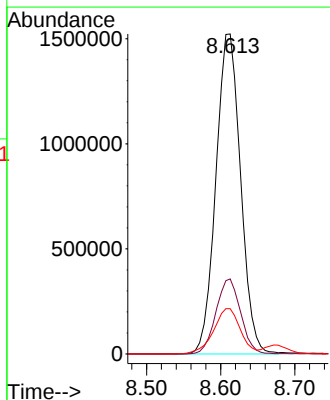
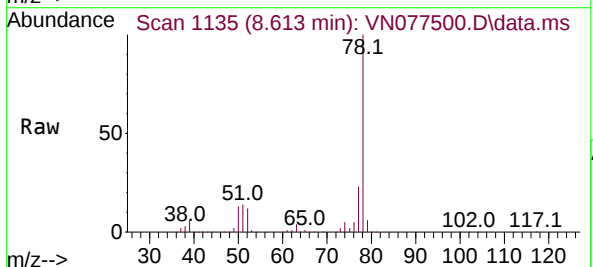
Manual Integrations
APPROVED

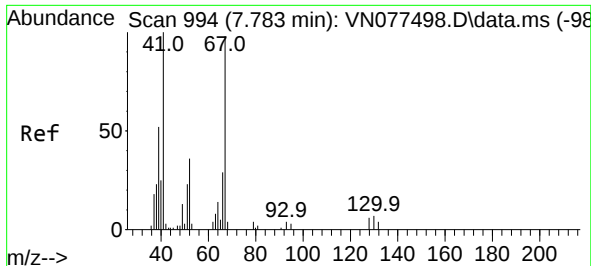
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#34
Benzene
Concen: 105.606 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

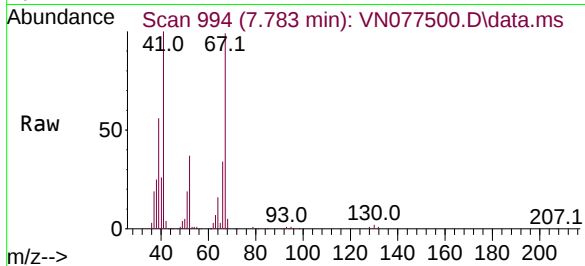
Tgt Ion: 78 Resp: 3526755
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0
51 14.1 12.6 19.0





#35
Methacrylonitrile
Concen: 88.056 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

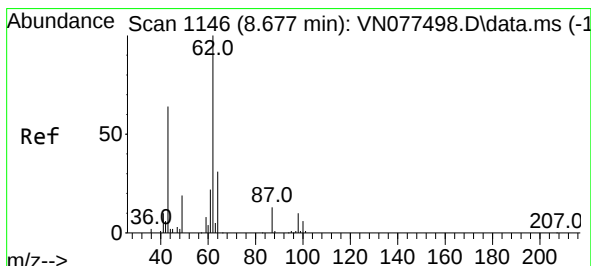
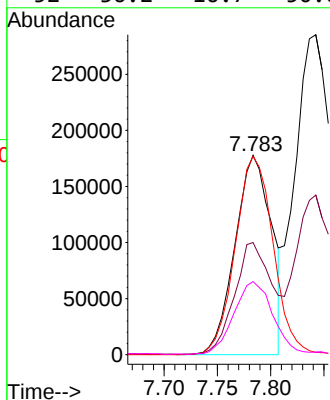
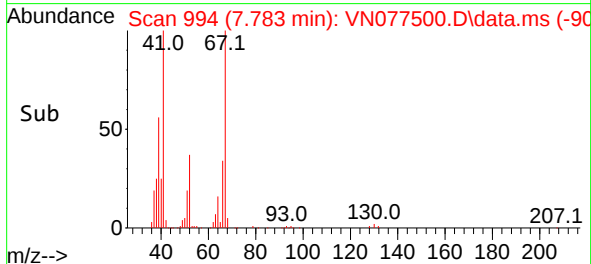
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 42337
Ion Ratio Lower Upper
41 100
39 56.2 27.1 81.2
67 99.5 46.8 140.4
52 36.2 16.7 50.0

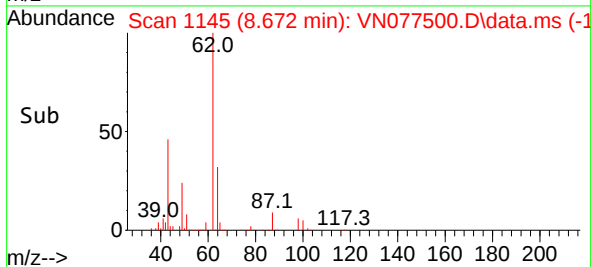
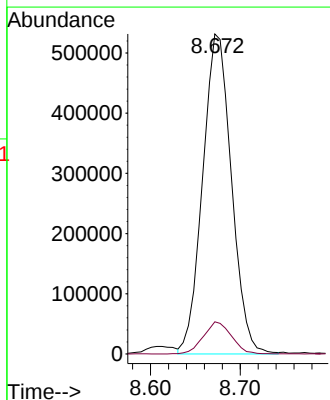
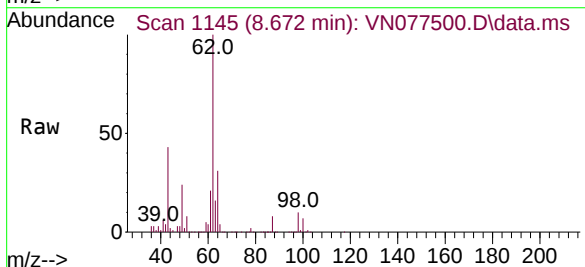
Manual Integrations
APPROVED

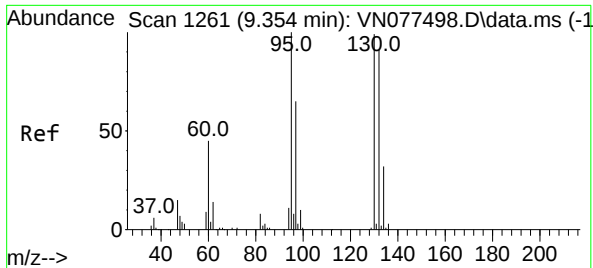
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#36
1,2-Dichloroethane
Concen: 113.388 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

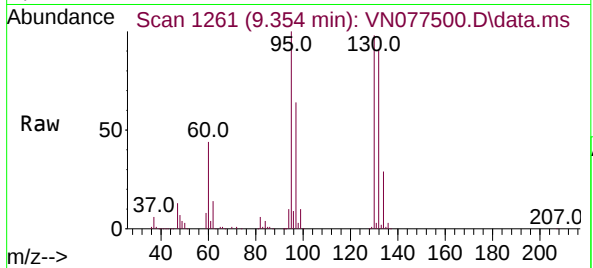
Tgt Ion: 62 Resp: 1187181
Ion Ratio Lower Upper
62 100
98 9.8 8.3 12.5





#37
Trichloroethene
Concen: 112.509 ug/l
RT: 9.354 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

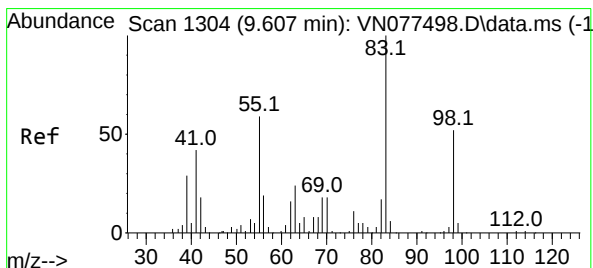
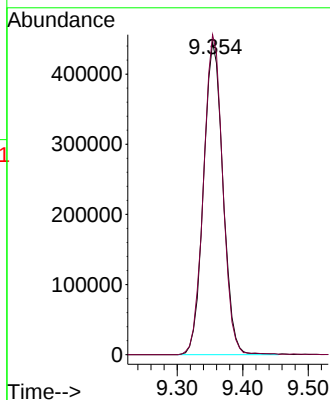
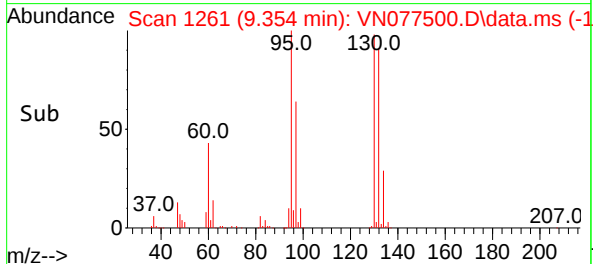
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



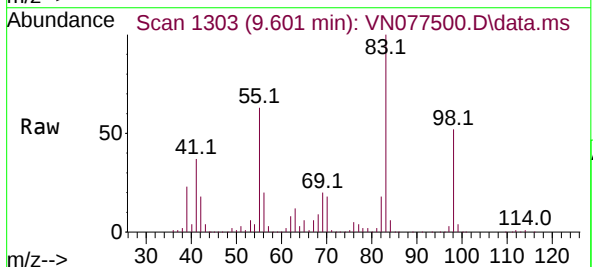
Tgt Ion:130 Resp: 919033
Ion Ratio Lower Upper
130 100
95 102.4 77.5 116.3

Manual Integrations
APPROVED

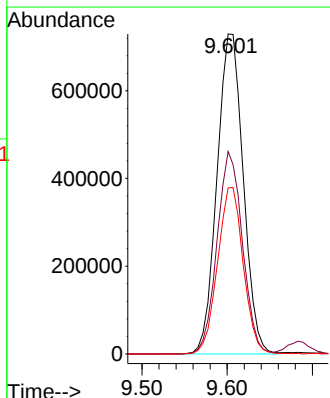
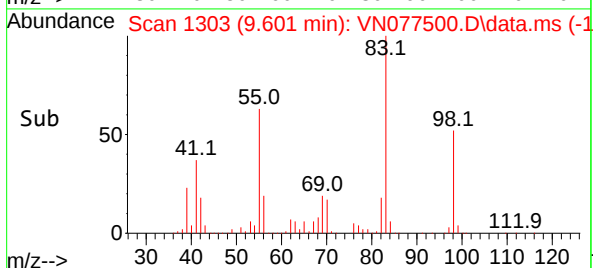
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

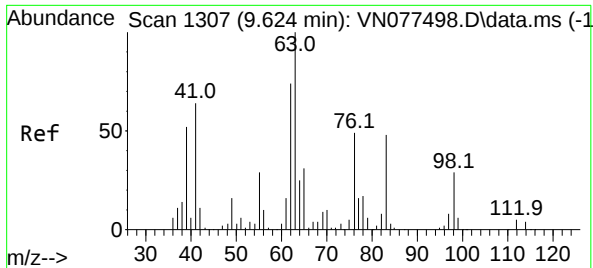


#38
Methylcyclohexane
Concen: 106.778 ug/l
RT: 9.601 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46



Tgt Ion: 83 Resp: 1563035
Ion Ratio Lower Upper
83 100
55 61.3 32.0 96.2
98 51.0 25.3 75.9





#39

1,2-Dichloropropane

Concen: 96.562 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077500.D

Acq: 28 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 80051

Ion Ratio Lower Upper

63 100

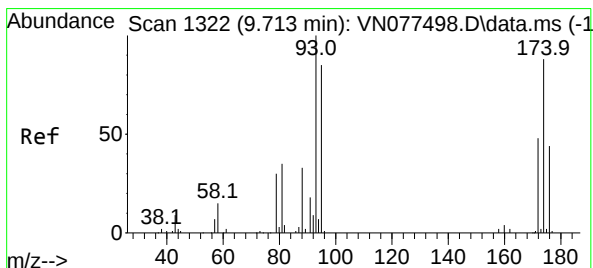
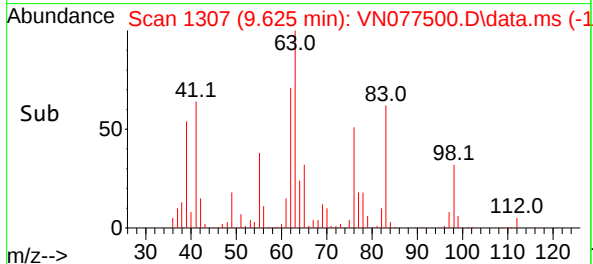
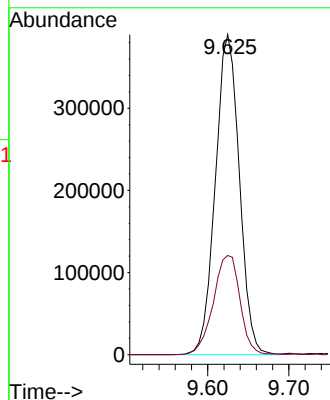
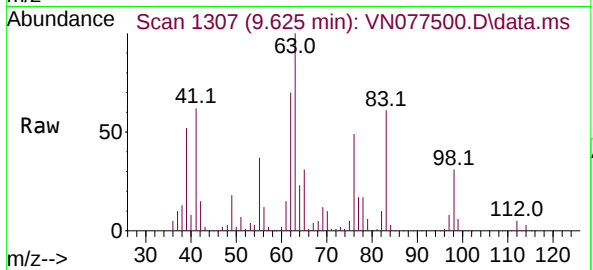
65 30.9 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#40

Dibromomethane

Concen: 108.654 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077500.D

Acq: 28 Apr 2023 12:46

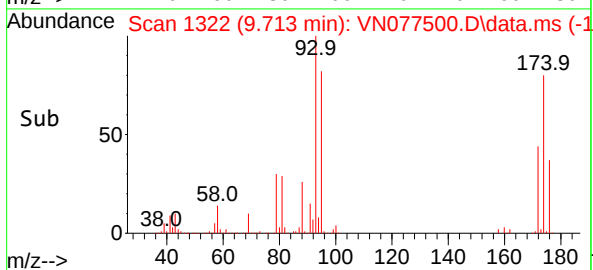
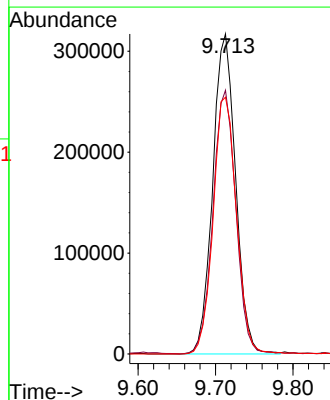
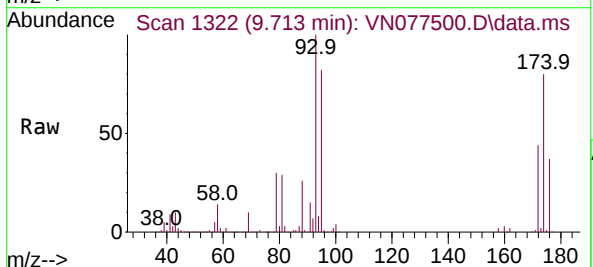
Tgt Ion: 93 Resp: 649018

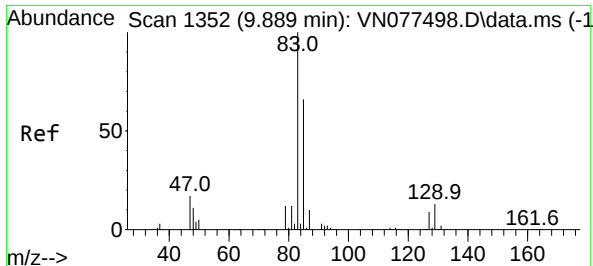
Ion Ratio Lower Upper

93 100

95 82.6 0.0 166.4

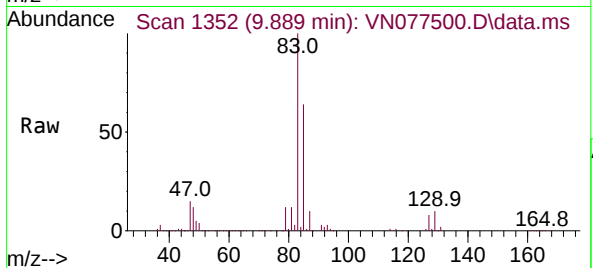
174 82.1 0.0 164.8





#41
Bromodichloromethane
Concen: 111.671 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

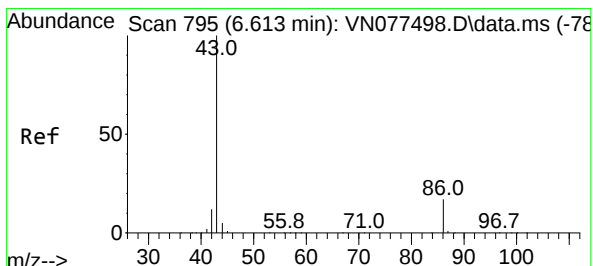
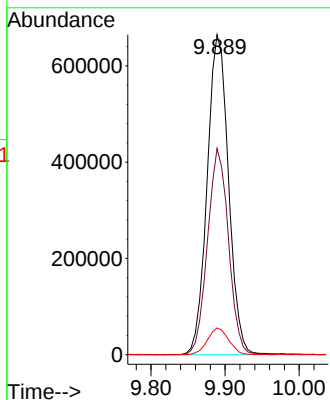
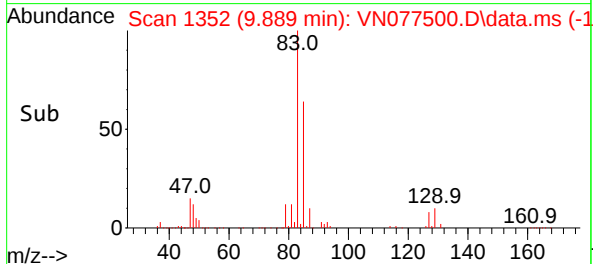
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 133008
Ion Ratio Lower Upper
83 100
85 64.5 52.3 78.5
127 8.4 5.9 8.9

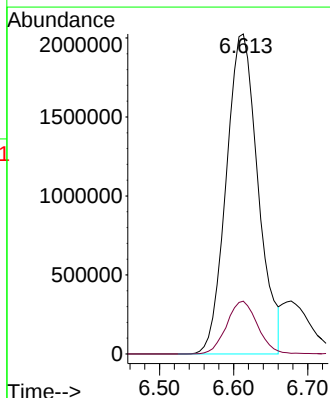
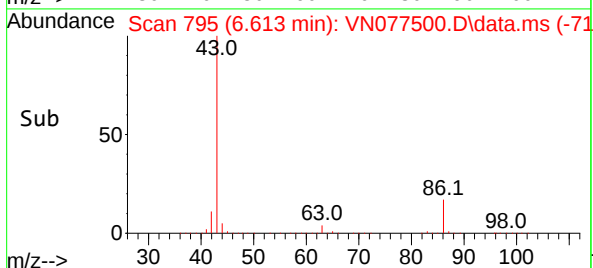
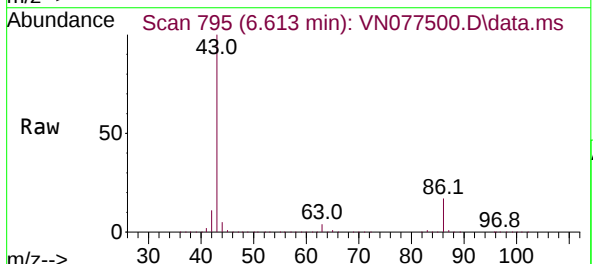
Manual Integrations
APPROVED

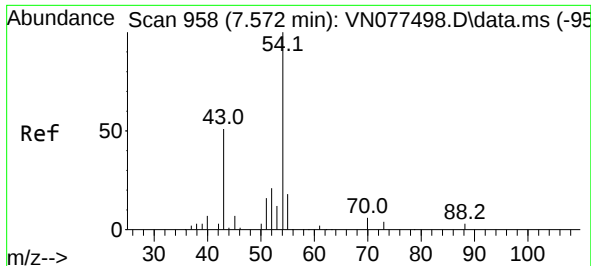
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#42
Vinyl Acetate
Concen: 409.505 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

Tgt Ion: 43 Resp: 6049054
Ion Ratio Lower Upper
43 100
86 15.9 0.0 0.0#





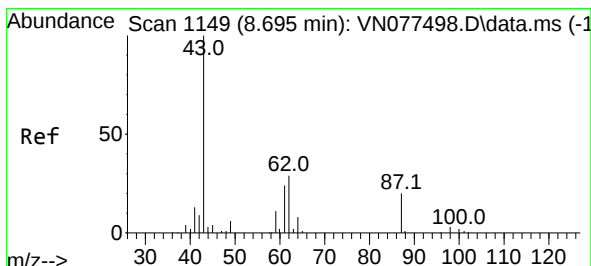
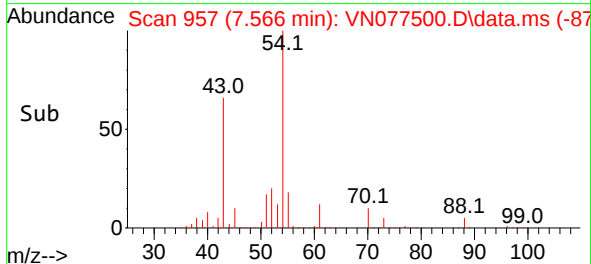
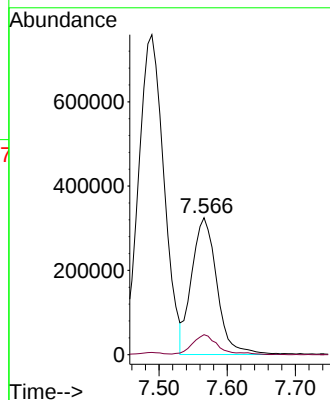
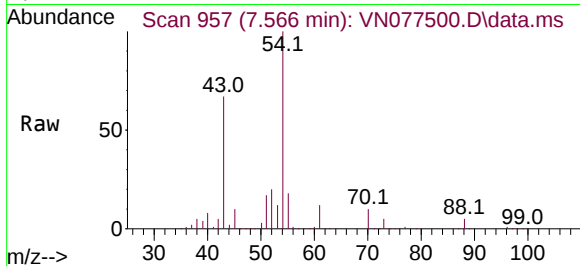
#43
Ethyl Acetate
Concen: 88.021 ug/l
RT: 7.566 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 831163
Ion Ratio Lower Upper
43 100
45 12.8 12.3 18.5

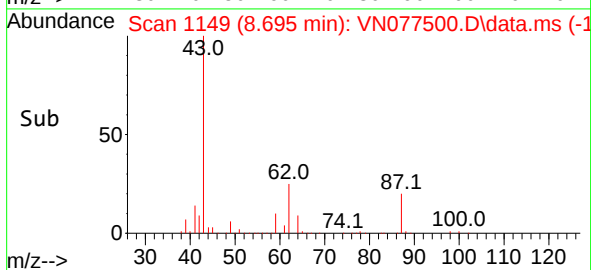
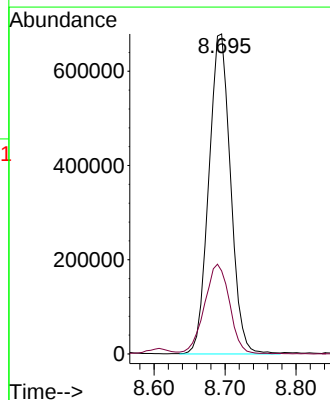
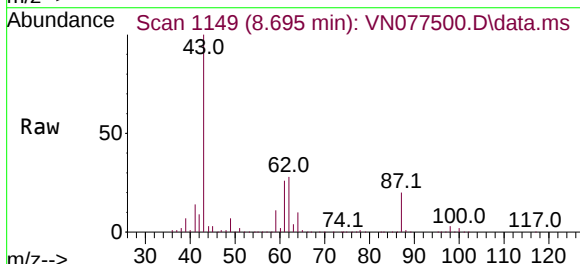
Manual Integrations
APPROVED

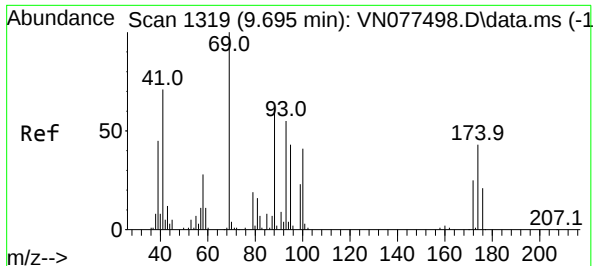
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#44
Isopropyl Acetate
Concen: 85.350 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

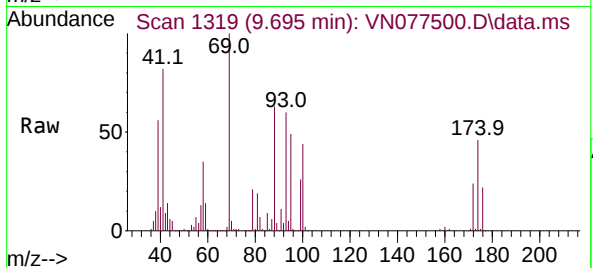
Tgt Ion: 43 Resp: 1443023
Ion Ratio Lower Upper
43 100
61 32.3 0.0 0.0#





#45
1,4-Dioxane
Concen: 1871.463 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

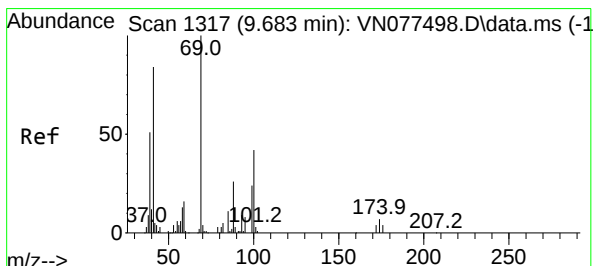
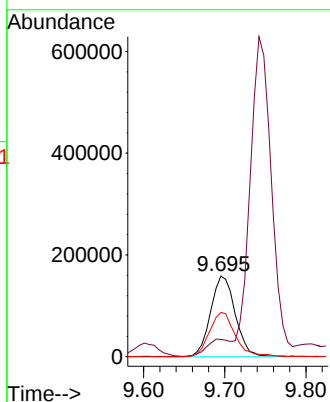
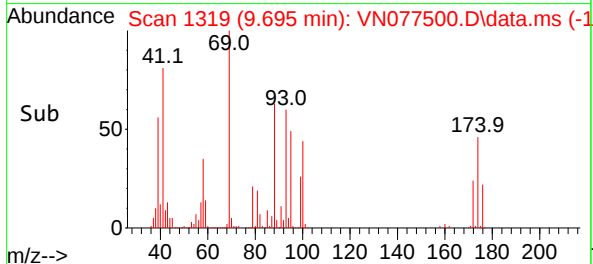
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 333699
Ion Ratio Lower Upper
88 100
43 20.1 17.4 26.0
58 56.7 48.2 72.4

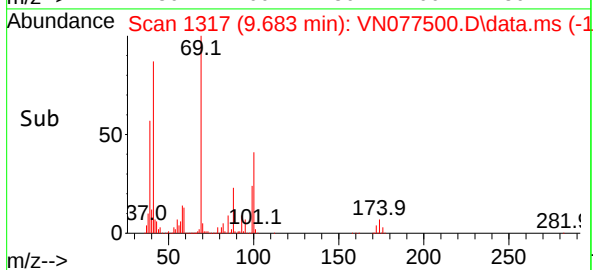
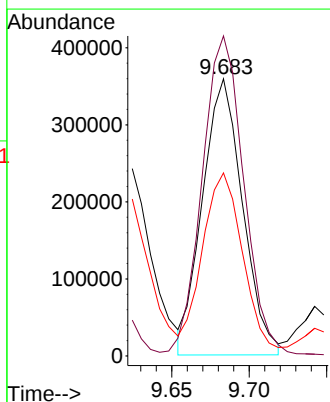
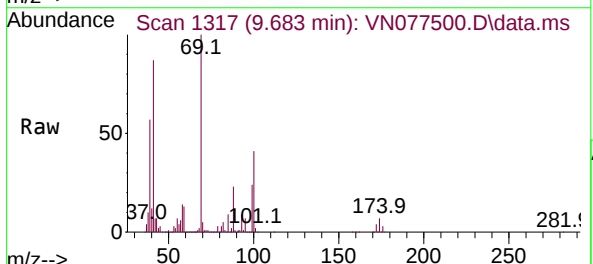
Manual Integrations
APPROVED

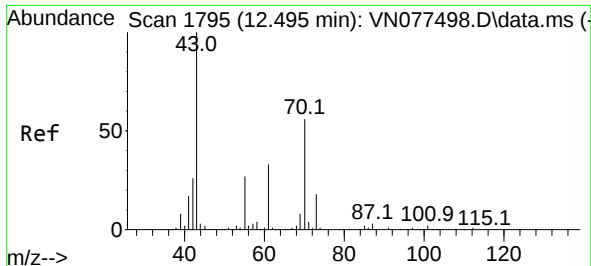
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#46
Methyl methacrylate
Concen: 88.632 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.001 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

Tgt Ion: 41 Resp: 645180
Ion Ratio Lower Upper
41 100
69 116.6 54.5 163.5
39 65.9 33.4 100.2





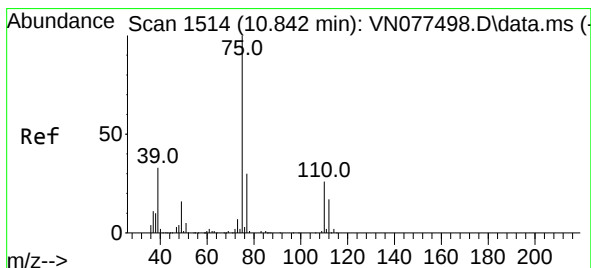
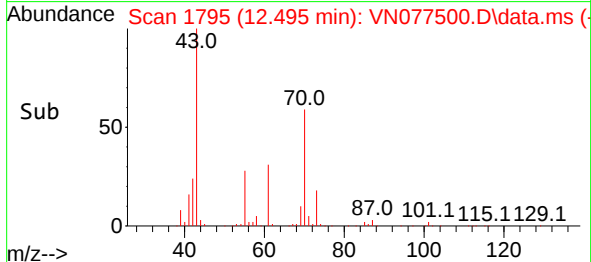
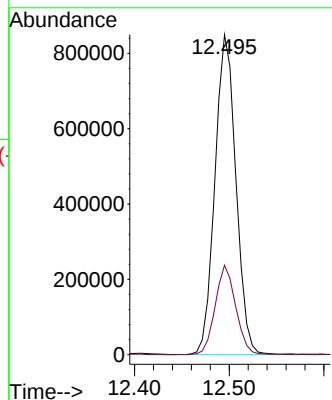
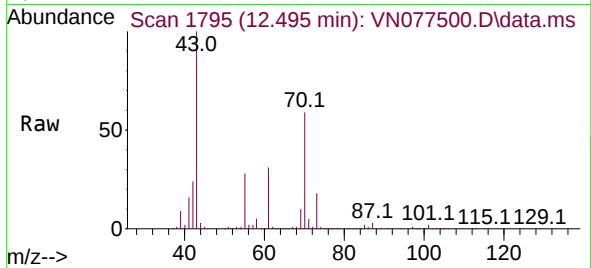
#47
n-amy1 Acetate
Concen: 88.530 ug/l
RT: 12.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 1308049
Ion Ratio Lower Upper
43 100
55 27.4 19.4 29.0

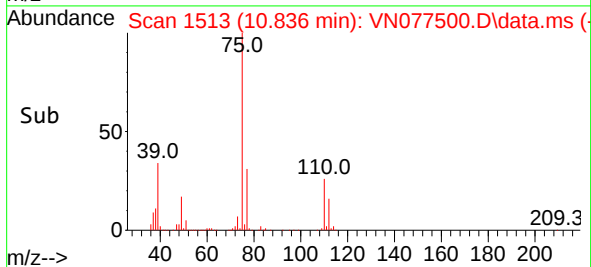
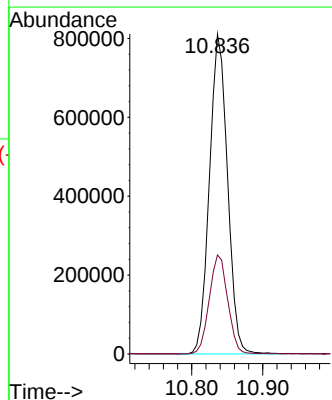
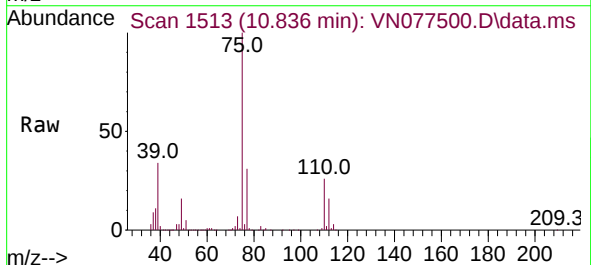
Manual Integrations
APPROVED

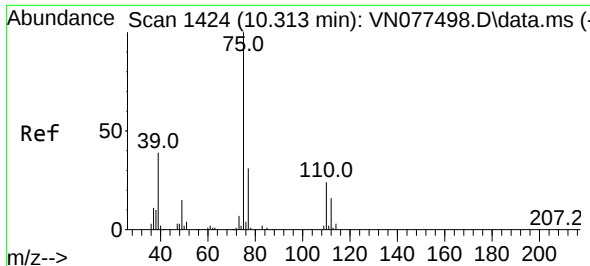
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#48
t-1,3-Dichloropropene
Concen: 107.572 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

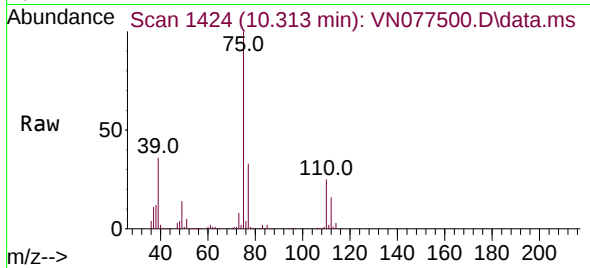
Tgt Ion: 75 Resp: 1433929
Ion Ratio Lower Upper
75 100
77 30.9 26.5 39.7





#49
cis-1,3-Dichloropropene
Concen: 105.803 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

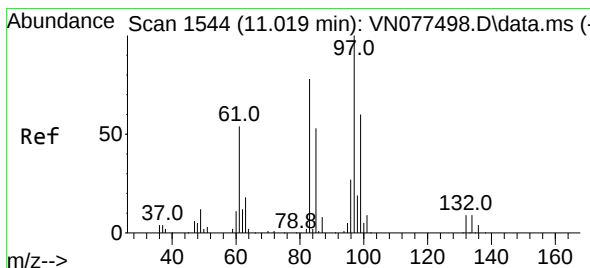
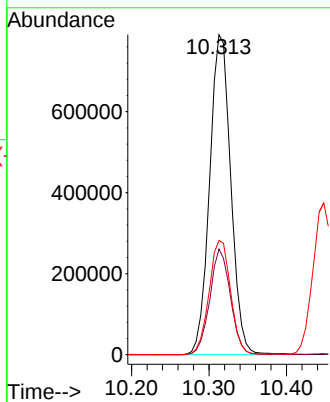
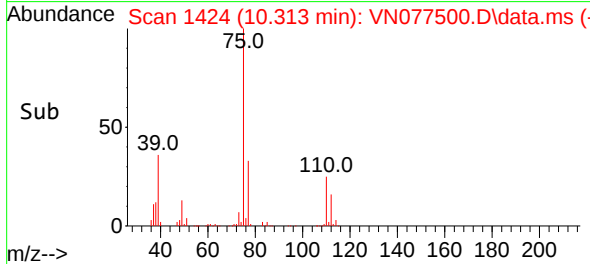
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 1500379
Ion Ratio Lower Upper
75 100
77 33.0 25.0 37.6
39 35.6 34.4 51.6

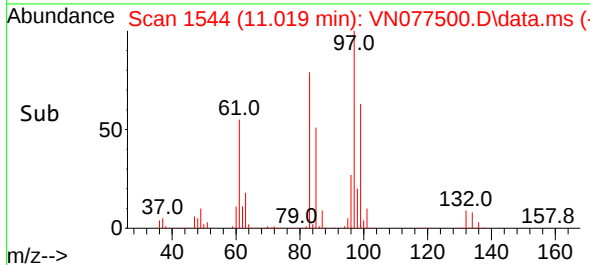
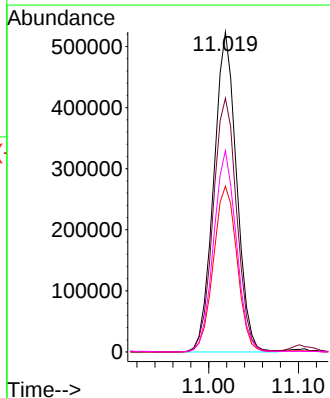
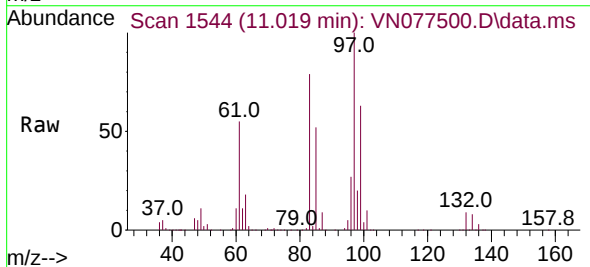
Manual Integrations
APPROVED

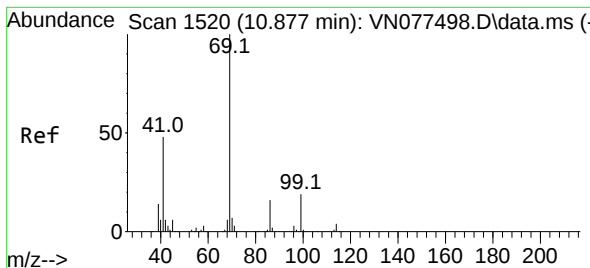
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#50
1,1,2-Trichloroethane
Concen: 106.685 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

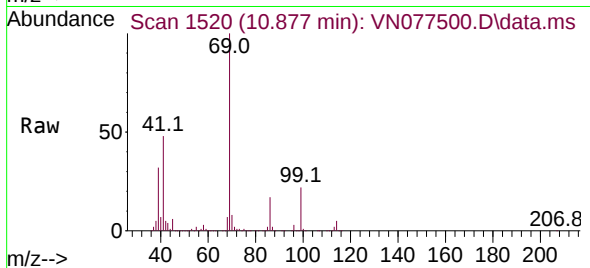
Tgt Ion: 97 Resp: 925616
Ion Ratio Lower Upper
97 100
83 79.3 66.7 100.1
85 51.8 42.4 63.6
99 62.8 49.3 73.9





#51
Ethyl methacrylate
Concen: 103.420 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

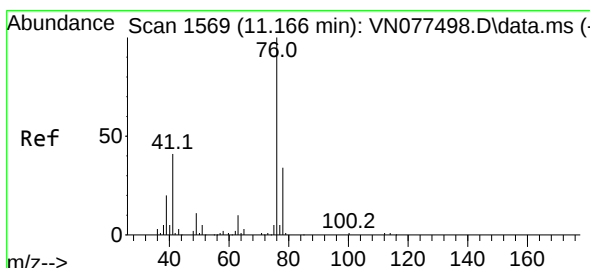
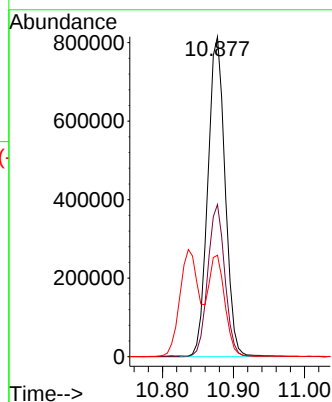
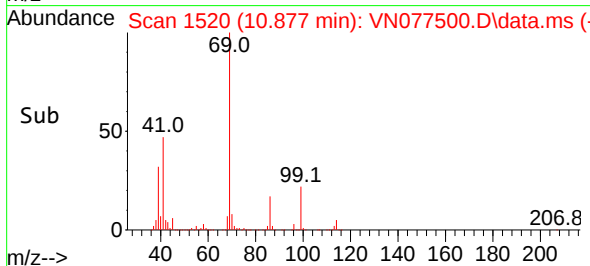
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 69 Resp: 137795
Ion Ratio Lower Upper
69 100
41 47.3 26.7 80.0
39 31.6 17.0 50.9

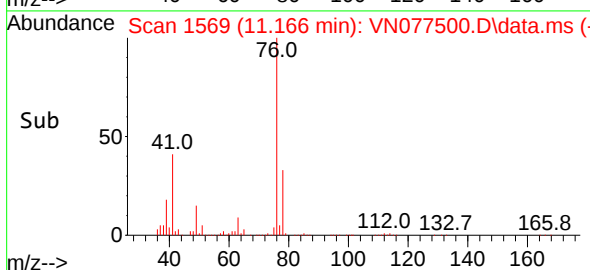
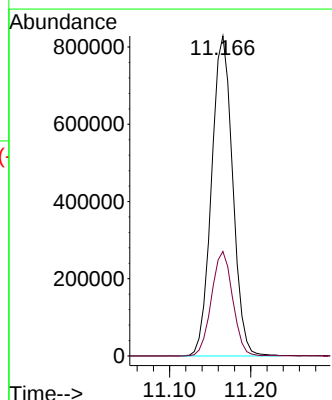
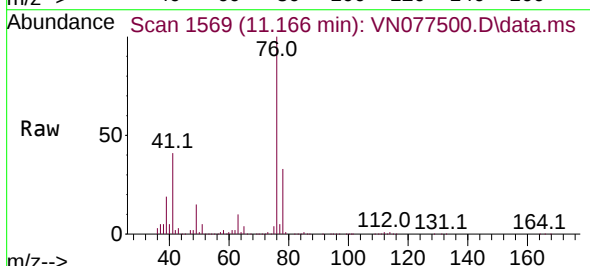
Manual Integrations
APPROVED

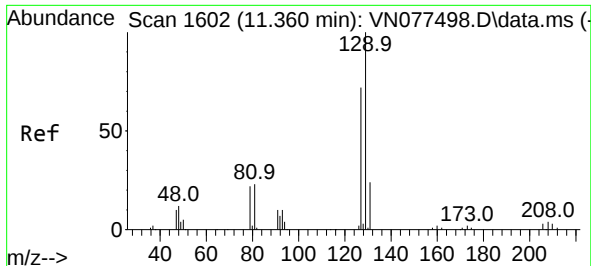
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#52
1,3-Dichloropropane
Concen: 103.409 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

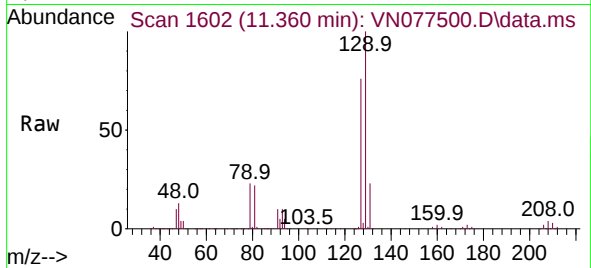
Tgt Ion: 76 Resp: 1497424
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.0





#53
Dibromochloromethane
Concen: 111.575 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

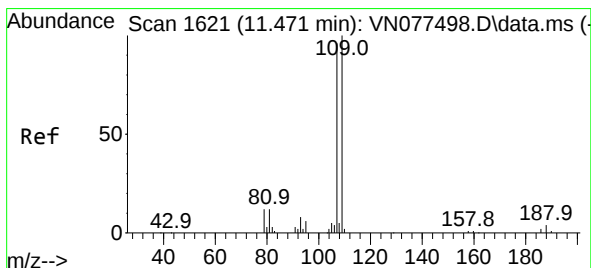
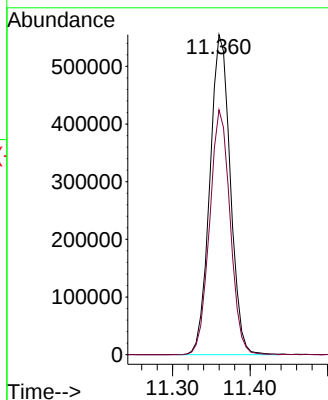
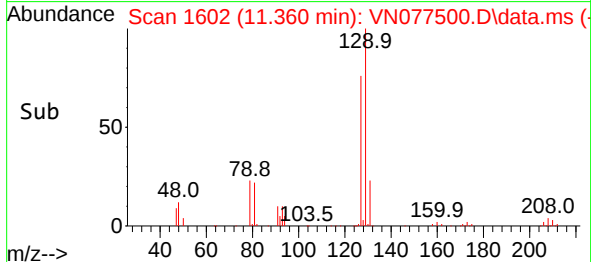
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



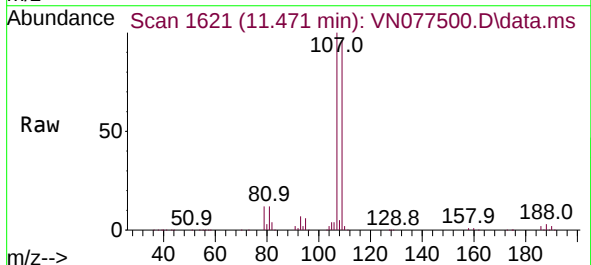
Tgt Ion:129 Resp: 102028
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8

Manual Integrations
APPROVED

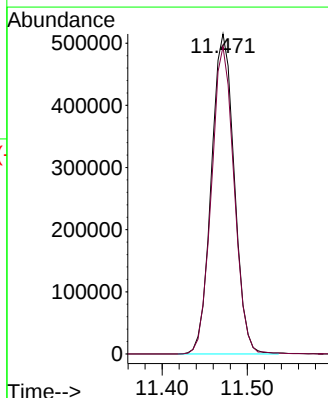
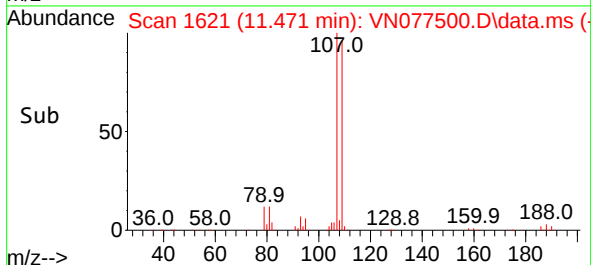
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

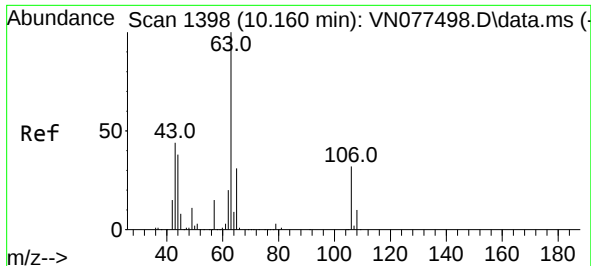


#54
1,2-Dibromoethane
Concen: 110.452 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46



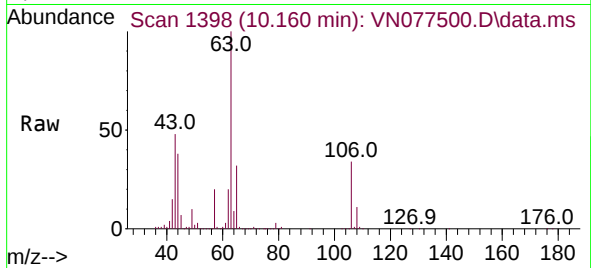
Tgt Ion:107 Resp: 962018
Ion Ratio Lower Upper
107 100
109 94.6 74.1 111.1





#55
2-Chloroethyl vinyl ether
Concen: 561.599 ug/l
RT: 10.160 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

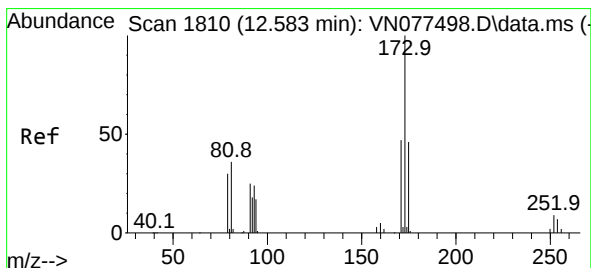
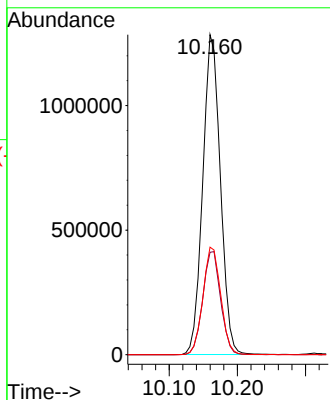
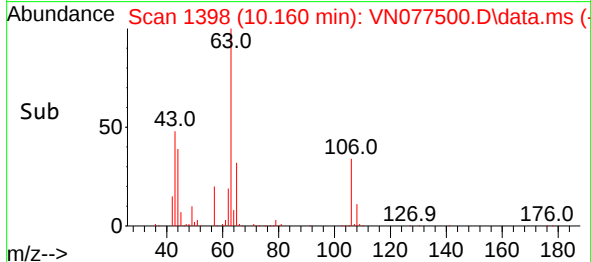
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 2310230
Ion Ratio Lower Upper
63 100
65 32.6 25.7 38.5
106 33.9 24.0 36.0

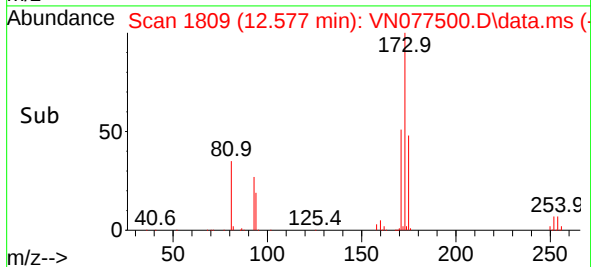
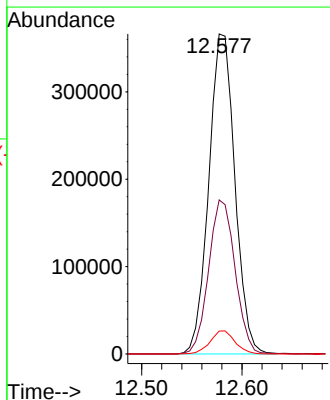
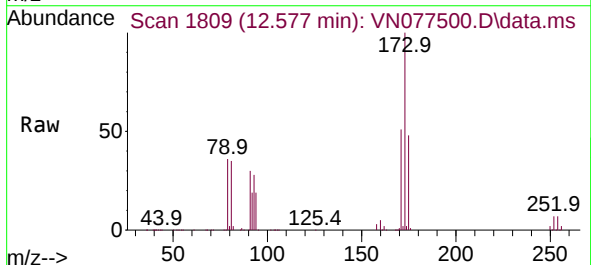
Manual Integrations
APPROVED

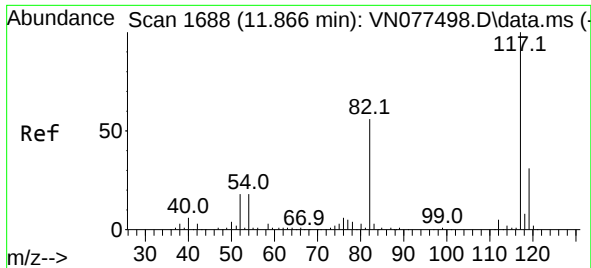
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#56
Bromoform
Concen: 107.854 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

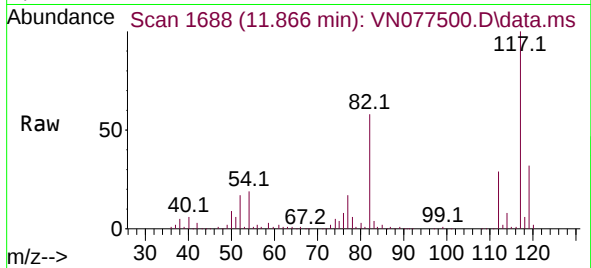
Tgt Ion:173 Resp: 662508
Ion Ratio Lower Upper
173 100
175 48.7 38.2 57.2
254 6.9 6.0 9.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

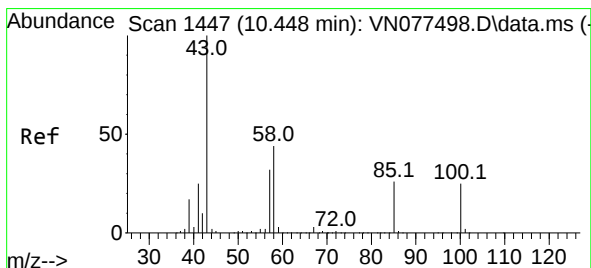
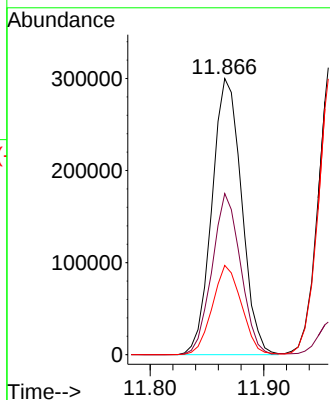
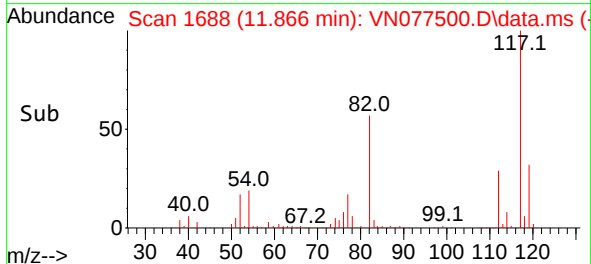
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 117 Resp: 54488
Ion Ratio Lower Upper
117 100
82 56.1 43.8 65.8
119 31.7 25.4 38.0

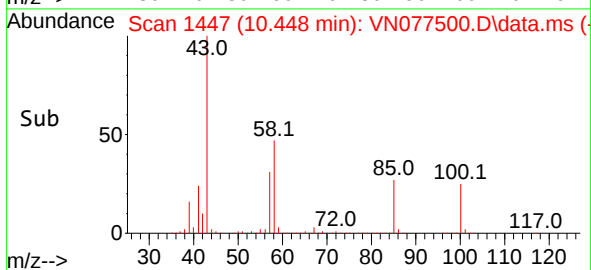
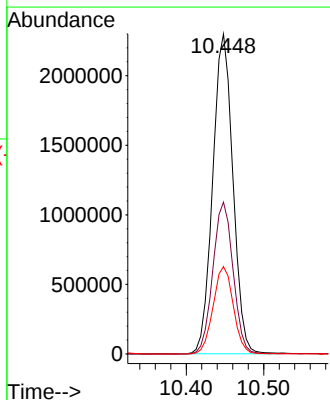
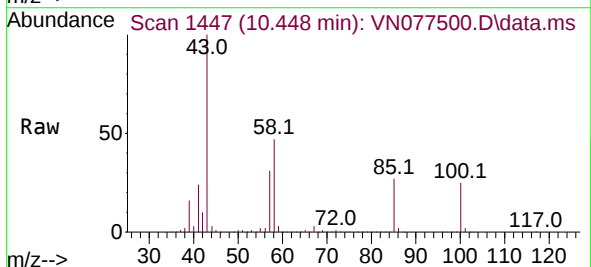
Manual Integrations
APPROVED

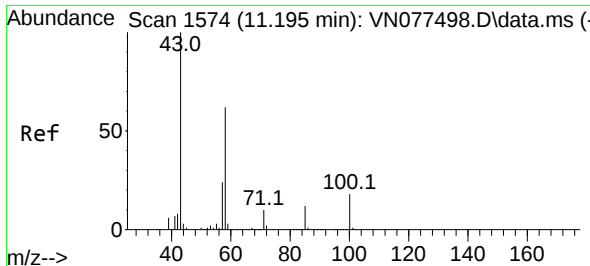
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#58
4-Methyl-2-Pentanone
Concen: 407.932 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

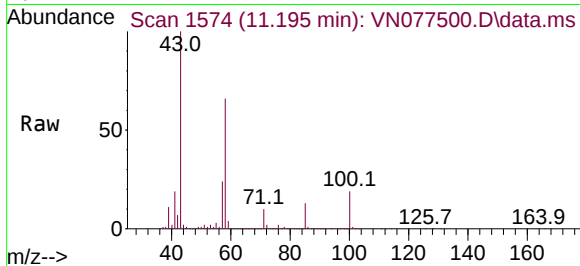
Tgt Ion: 43 Resp: 4161748
Ion Ratio Lower Upper
43 100
58 47.8 34.7 52.1
85 27.3 17.8 26.8#





#59
2-Hexanone
Concen: 392.846 ug/l
RT: 11.195 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

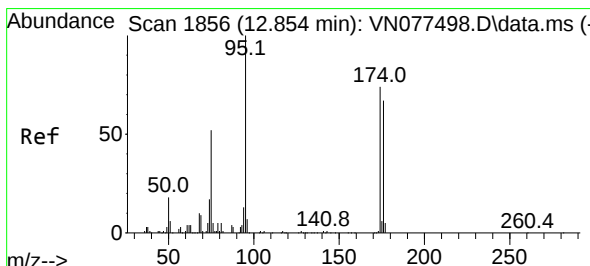
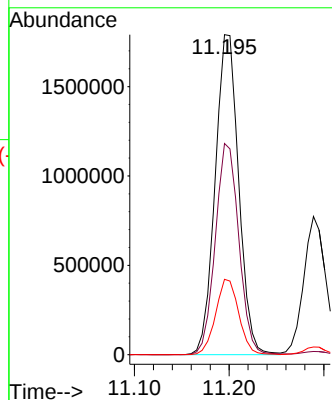
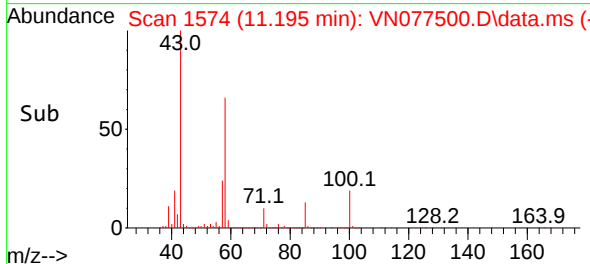
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 309790
Ion Ratio Lower Upper
43 100
58 65.9 48.6 73.0
57 23.2 16.7 25.1

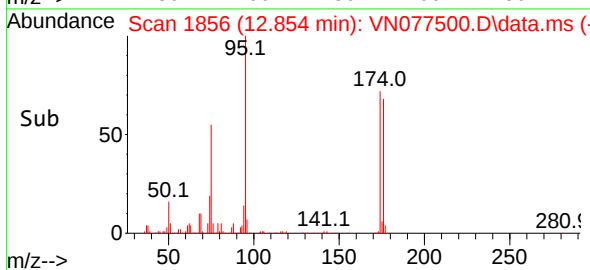
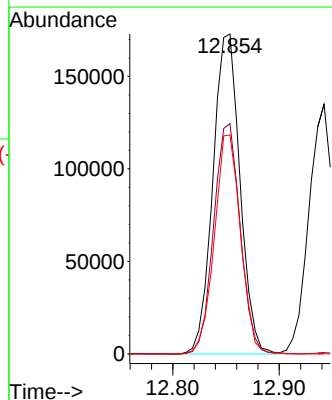
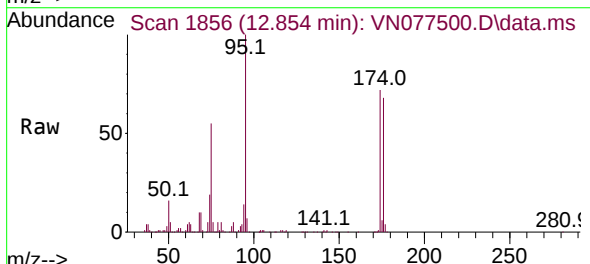
Manual Integrations
APPROVED

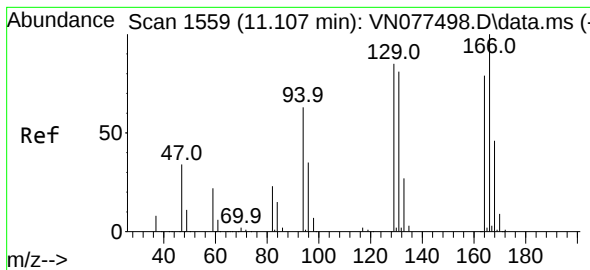
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#60
4-Bromofluorobenzene
Concen: 32.411 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

Tgt Ion: 95 Resp: 305369
Ion Ratio Lower Upper
95 100
174 70.4 57.8 86.8
176 66.2 54.6 81.8





#61

Tetrachloroethene

Concen: 110.034 ug/l

RT: 11.107 min Scan# 1559

Delta R.T. -0.000 min

Lab File: VN077500.D

Acq: 28 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:164 Resp: 713115

Ion Ratio Lower Upper

164 100

166 124.8 97.9 146.9

129 102.6 82.5 123.7

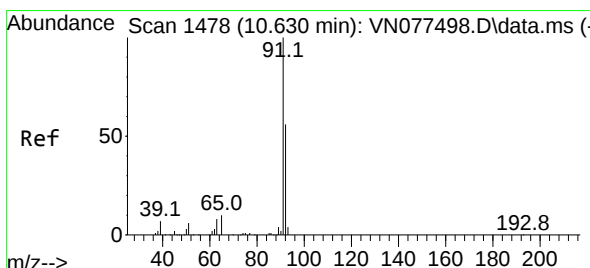
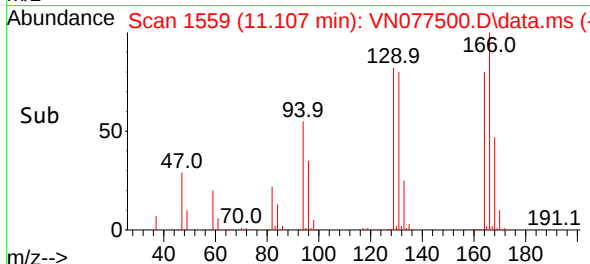
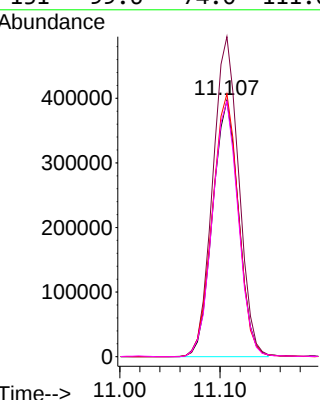
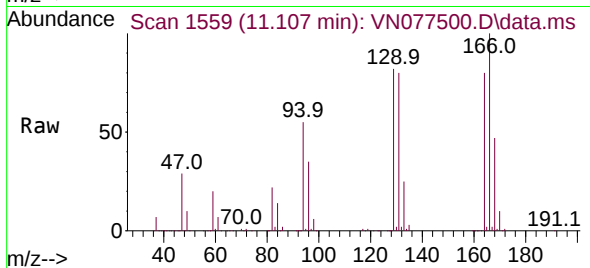
131 99.6 74.0 111.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#62

Toluene

Concen: 107.576 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. -0.001 min

Lab File: VN077500.D

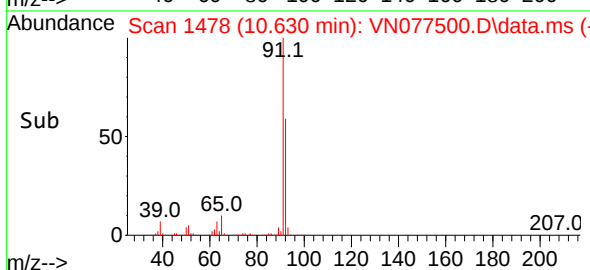
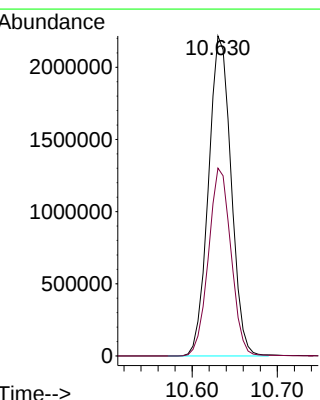
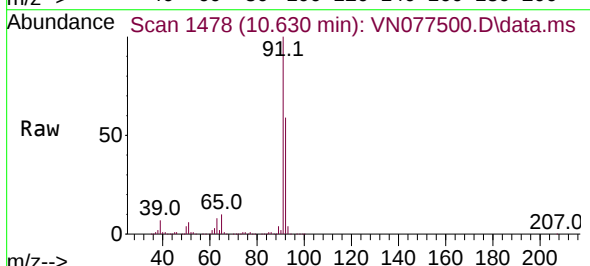
Acq: 28 Apr 2023 12:46

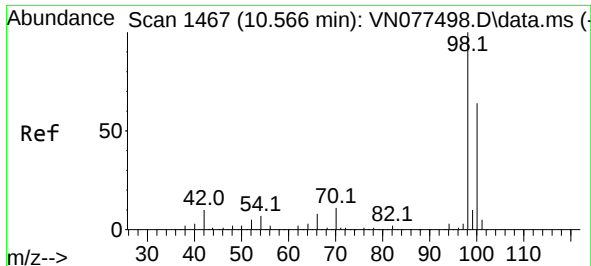
Tgt Ion: 91 Resp: 4089796

Ion Ratio Lower Upper

91 100

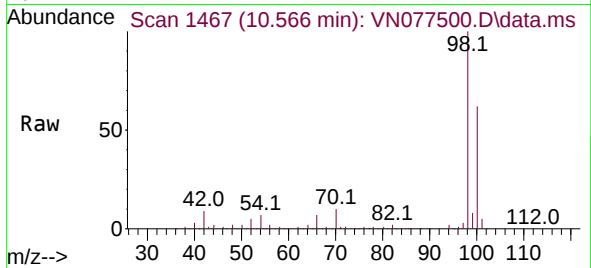
92 58.6 46.6 70.0





#63
Toluene-d8
Concen: 29.340 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

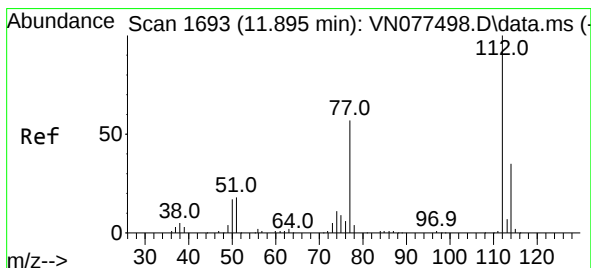
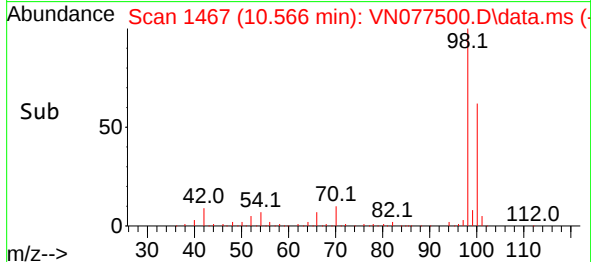
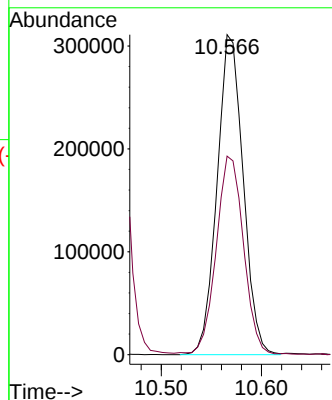
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 98 Resp: 56200
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.2

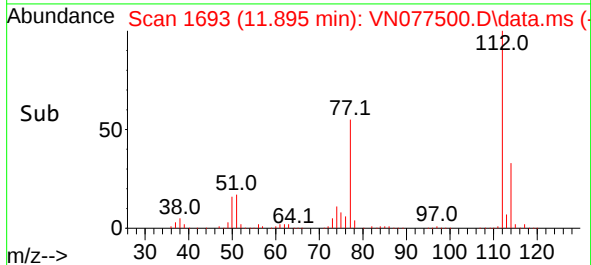
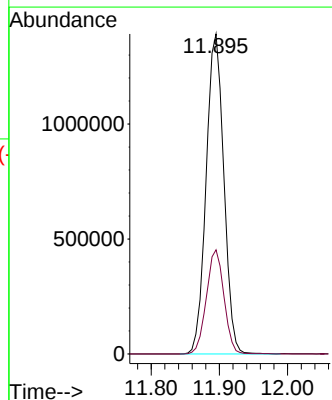
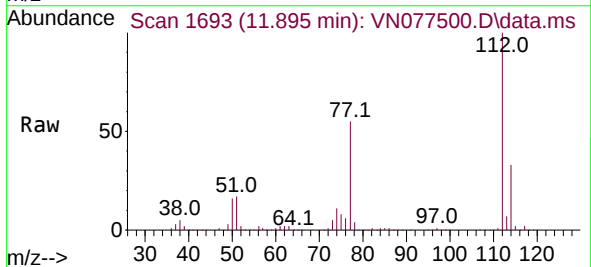
Manual Integrations
APPROVED

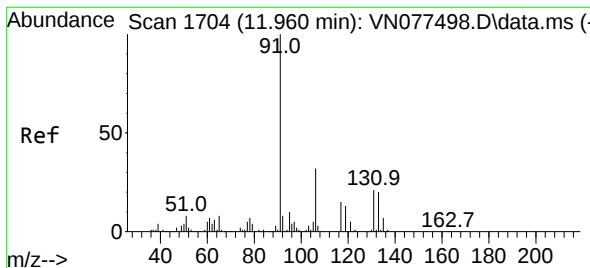
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#64
Chlorobenzene
Concen: 108.723 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

Tgt Ion:112 Resp: 2511179
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4





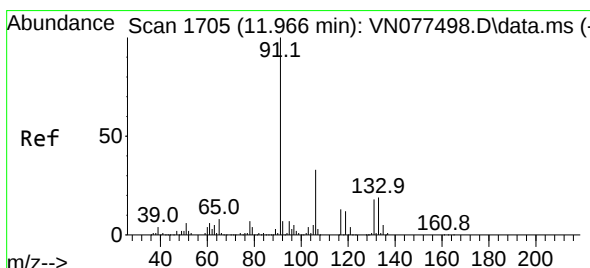
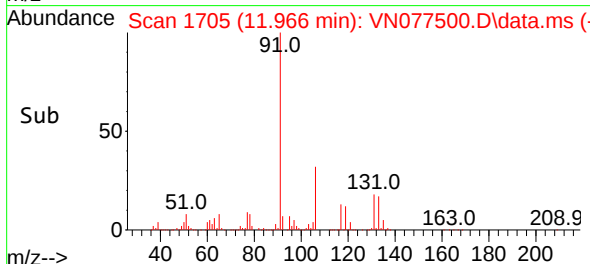
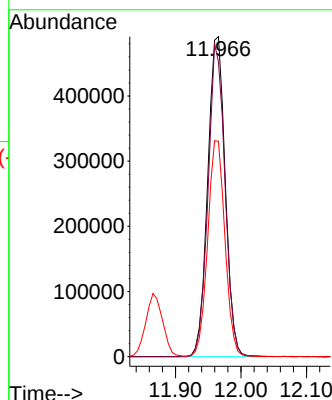
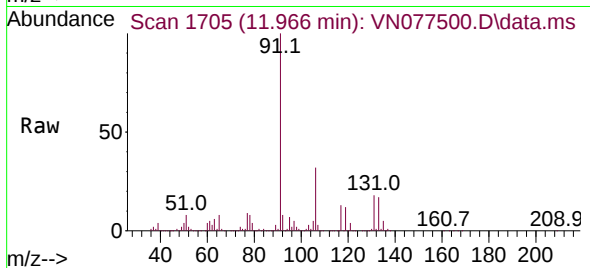
#65
1,1,1,2-Tetrachloroethane
Concen: 107.455 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:131 Resp: 91266
Ion Ratio Lower Upper
131 100
133 94.0 0.0 184.4
119 66.5 0.0 134.8

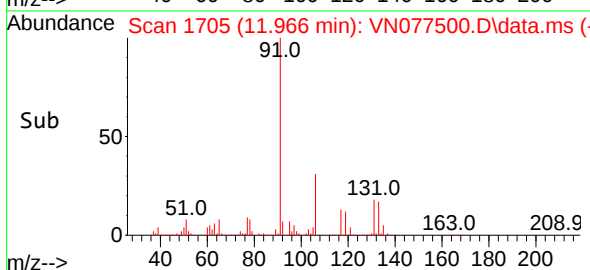
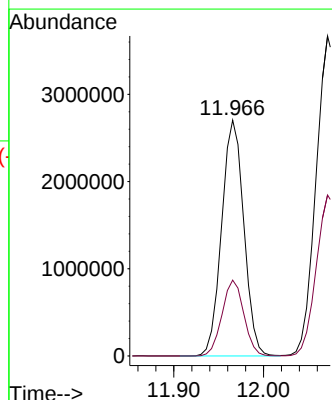
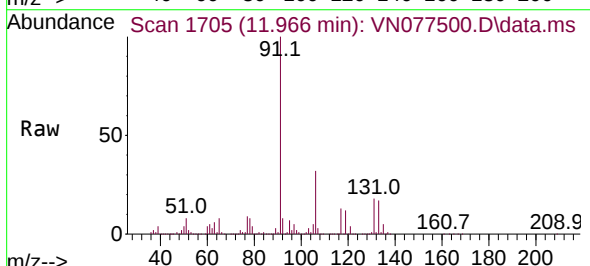
Manual Integrations
APPROVED

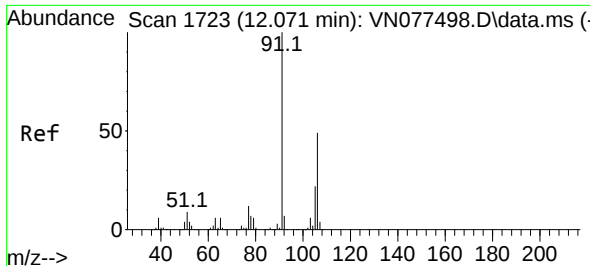
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#66
Ethyl Benzene
Concen: 110.232 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

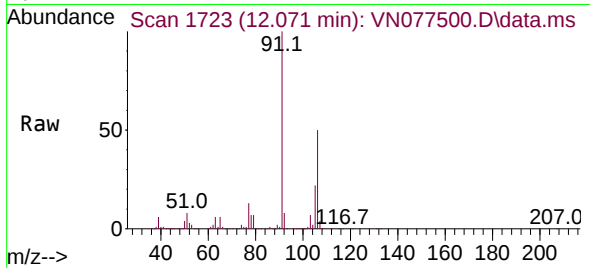
Tgt Ion: 91 Resp: 4642811
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.6





#67
m/p-Xylenes
Concen: 219.154 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

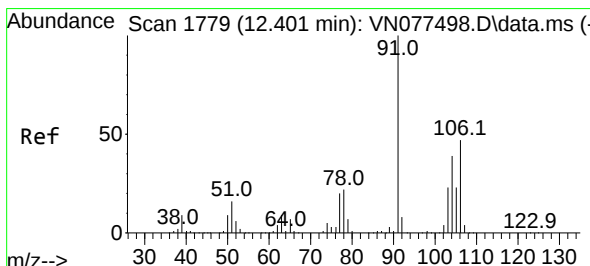
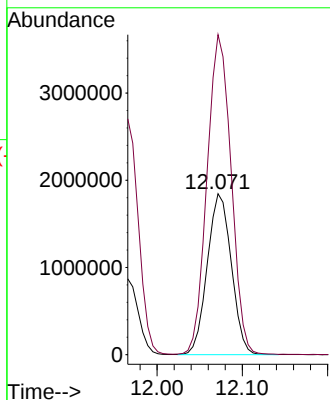
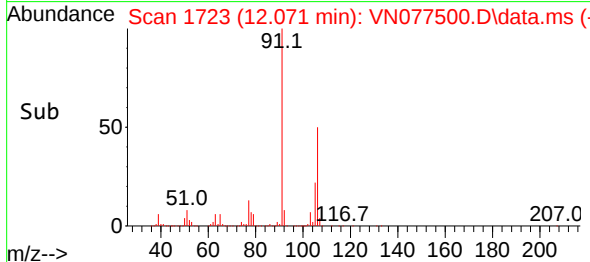
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



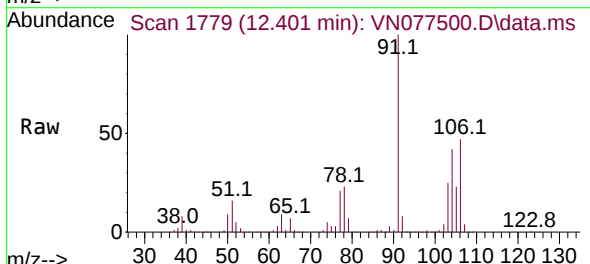
Tgt Ion:106 Resp: 361806
Ion Ratio Lower Upper
106 100
91 199.6 158.0 237.0

Manual Integrations
APPROVED

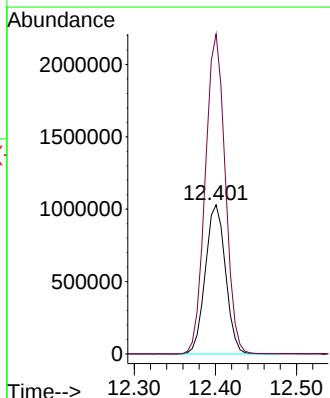
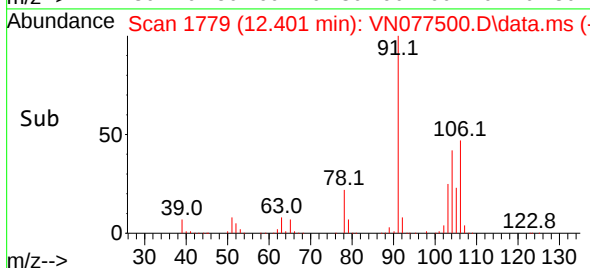
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

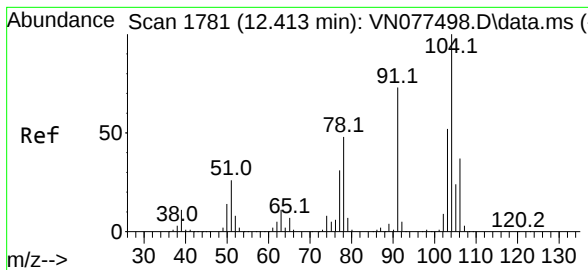


#68
o-Xylene
Concen: 107.632 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46



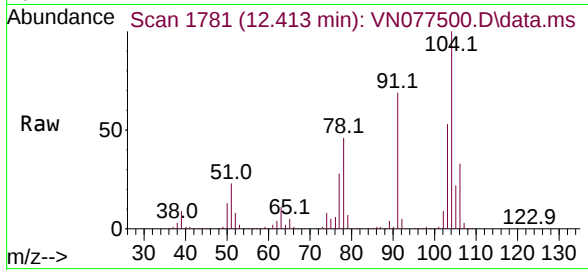
Tgt Ion:106 Resp: 1777662
Ion Ratio Lower Upper
106 100
91 212.0 103.6 310.8





#69
Styrene
Concen: 110.577 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

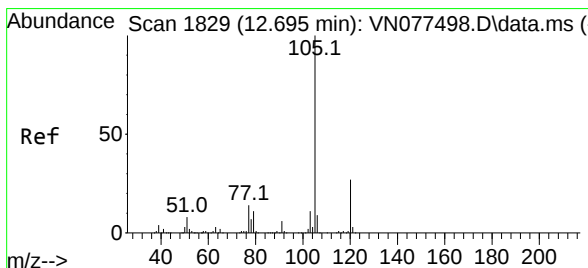
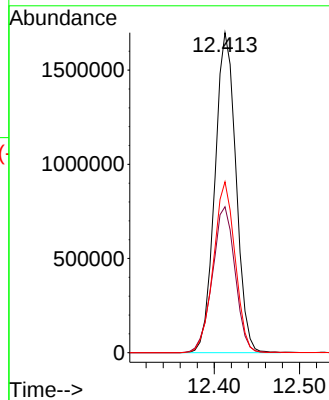
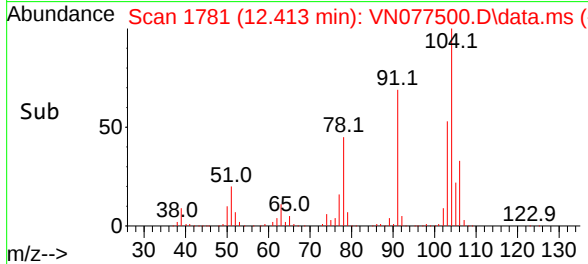
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:104 Resp: 292599
Ion Ratio Lower Upper
104 100
78 48.9 38.2 57.4
103 54.8 43.6 65.4

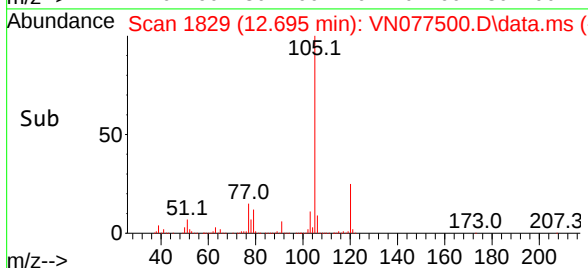
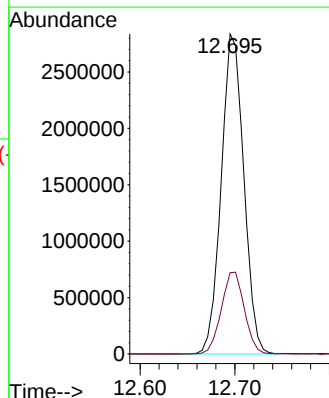
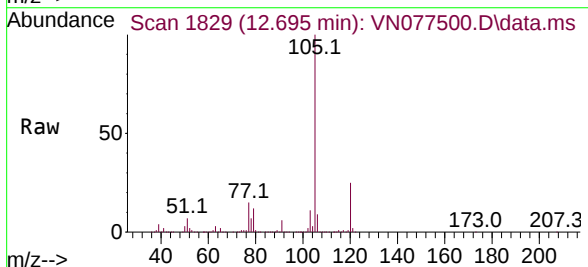
Manual Integrations
APPROVED

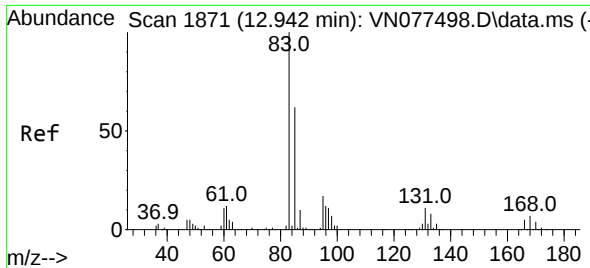
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#70
Isopropylbenzene
Concen: 112.254 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

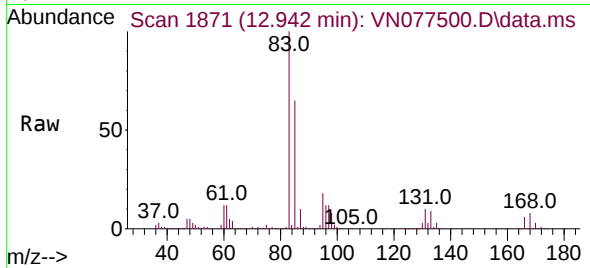
Tgt Ion:105 Resp: 4705188
Ion Ratio Lower Upper
105 100
120 26.1 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 105.141 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

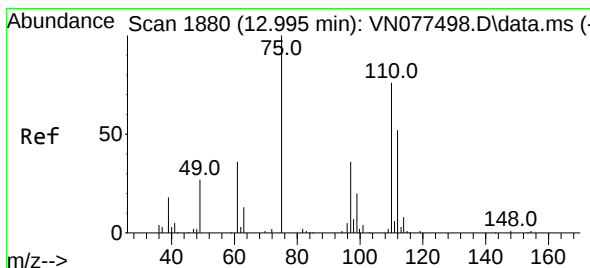
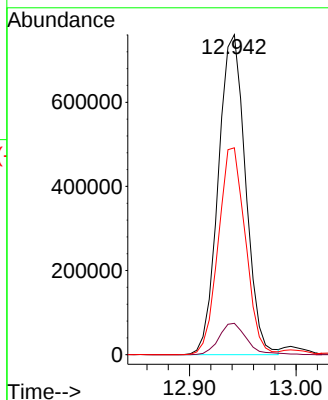
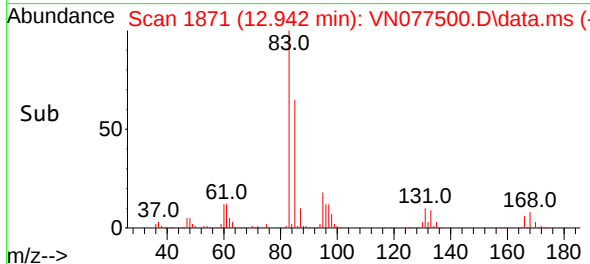
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



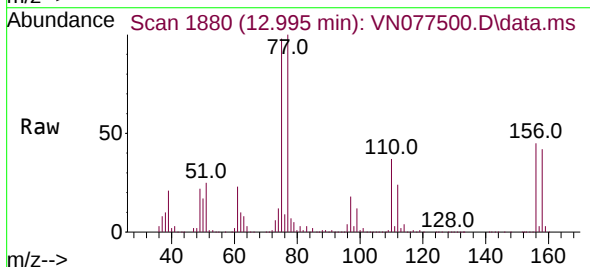
Tgt Ion: 83 Resp: 134959
Ion Ratio Lower Upper
83 100
131 10.0 4.7 14.0
85 64.5 32.3 96.8

Manual Integrations
APPROVED

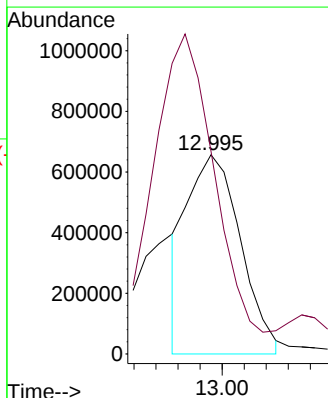
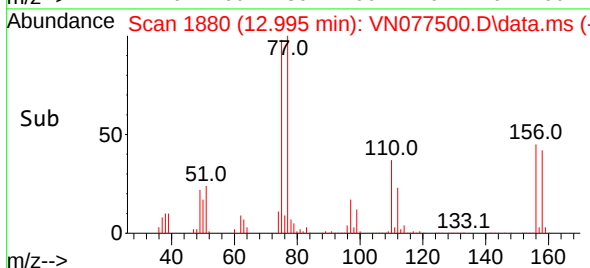
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

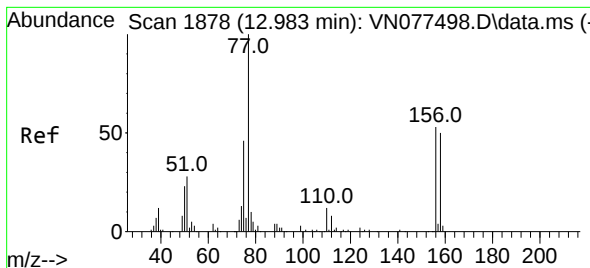


#72
1,2,3-Trichloropropane
Concen: 127.265 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46



Tgt Ion: 75 Resp: 1110424
Ion Ratio Lower Upper
75 100
77 189.2 0.0 434.2





#73

Bromobenzene

Concen: 114.378 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077500.D

Acq: 28 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

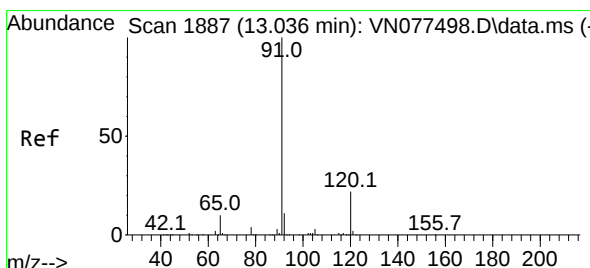
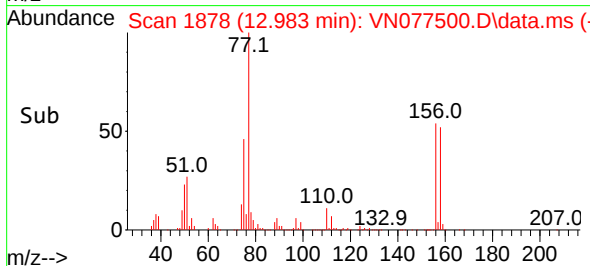
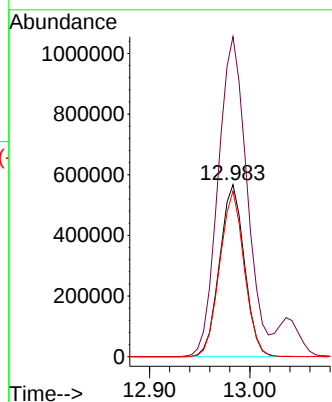
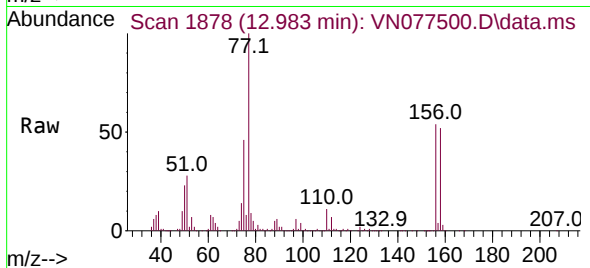
Tgt Ion:	156	Resp:	974030
Ion Ratio	Lower	Upper	
156	100		
77	215.6	0.0	456.6
158	95.0	0.0	195.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#74

n-propylbenzene

Concen: 117.356 ug/l

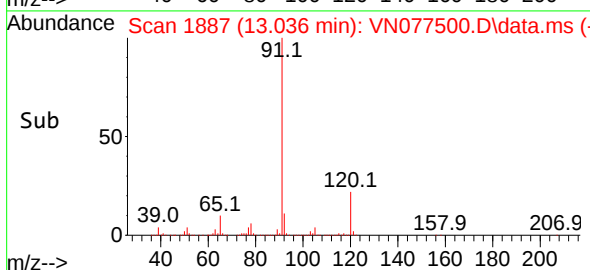
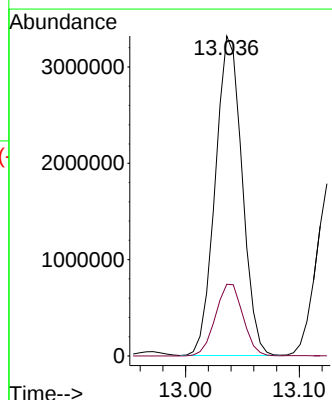
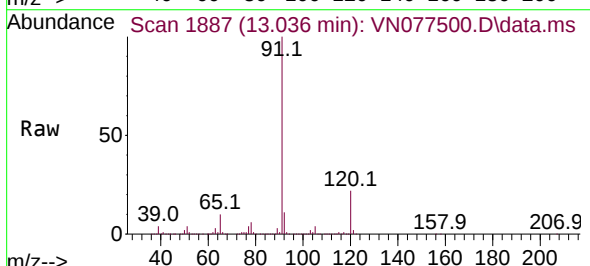
RT: 13.036 min Scan# 1887

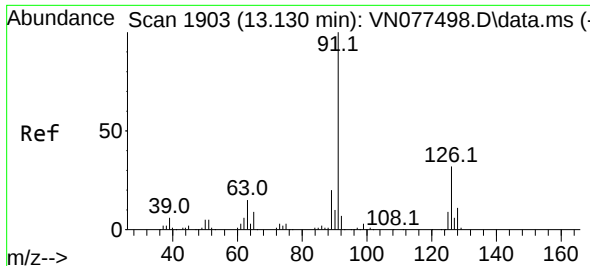
Delta R.T. 0.000 min

Lab File: VN077500.D

Acq: 28 Apr 2023 12:46

Tgt Ion:	91	Resp:	5442499
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	45.6





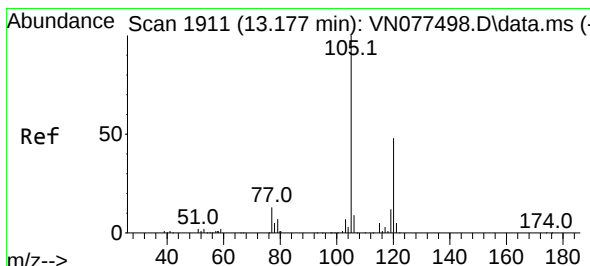
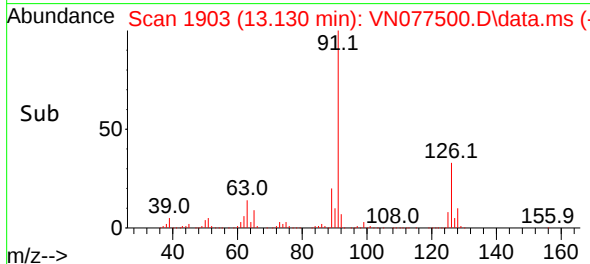
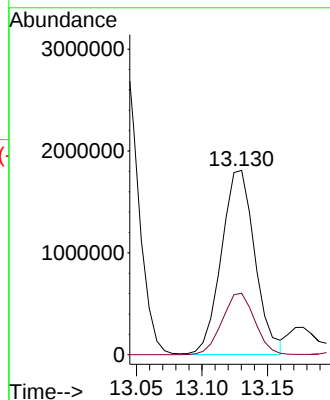
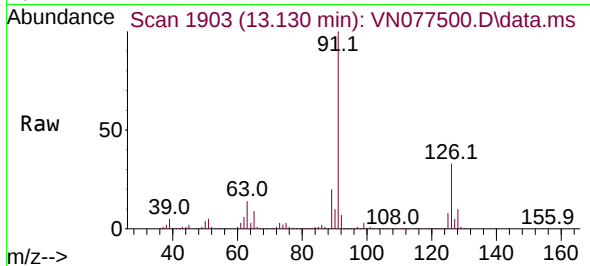
#75
2-Chlorotoluene
Concen: 116.086 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 3225140
Ion Ratio Lower Upper
91 100
126 32.5 0.0 67.0

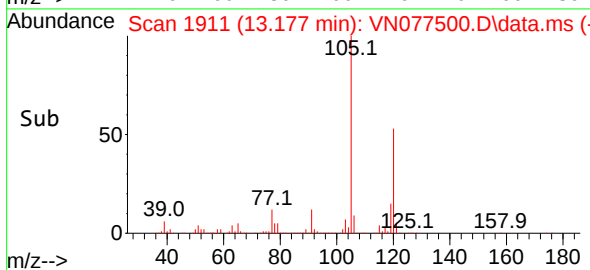
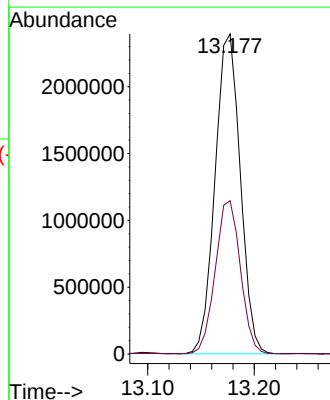
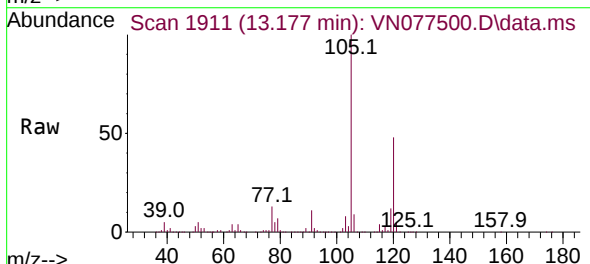
Manual Integrations
APPROVED

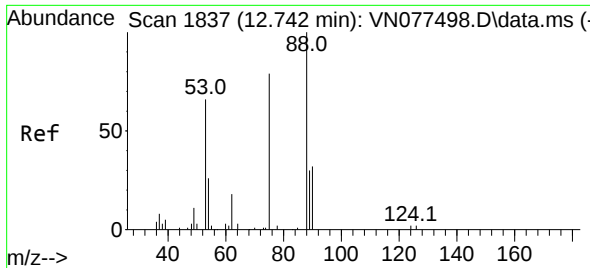
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#76
1,3,5-Trimethylbenzene
Concen: 115.427 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

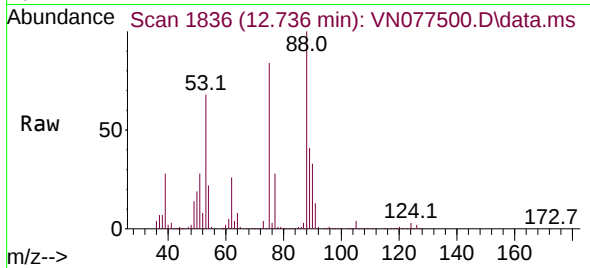
Tgt Ion:105 Resp: 3937818
Ion Ratio Lower Upper
105 100
120 47.9 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 98.002 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

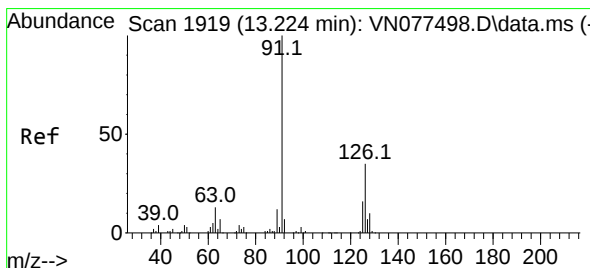
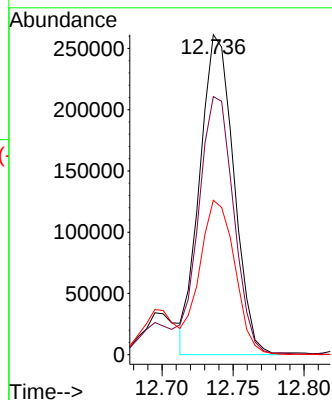
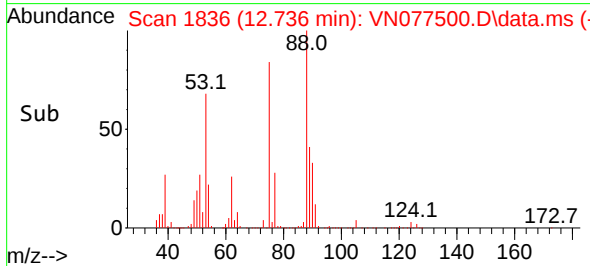
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 435540
Ion Ratio Lower Upper
75 100
53 80.4 38.8 116.4
89 48.3 23.2 69.6

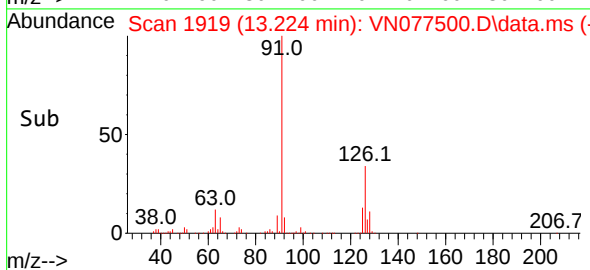
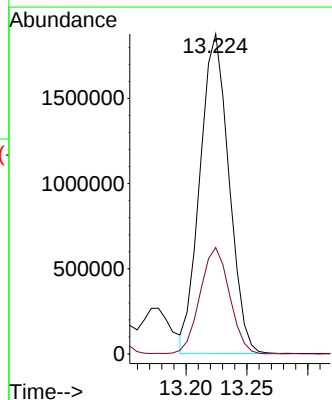
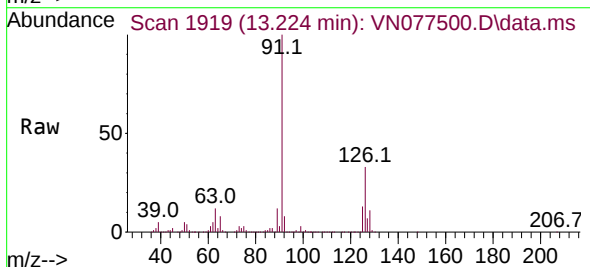
Manual Integrations
APPROVED

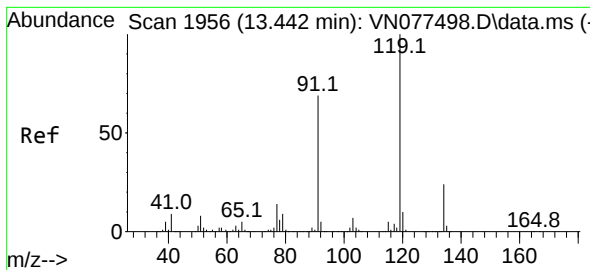
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#78
4-Chlorotoluene
Concen: 118.333 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

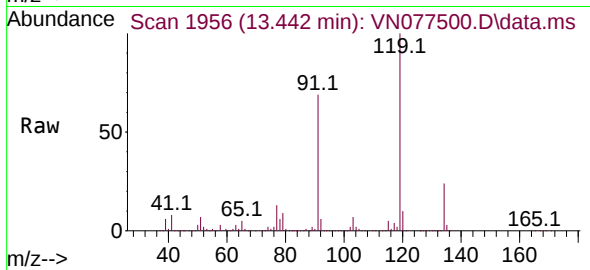
Tgt Ion: 91 Resp: 3106412
Ion Ratio Lower Upper
91 100
126 33.9 0.0 67.4





#79
tert-butylbenzene
Concen: 112.657 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

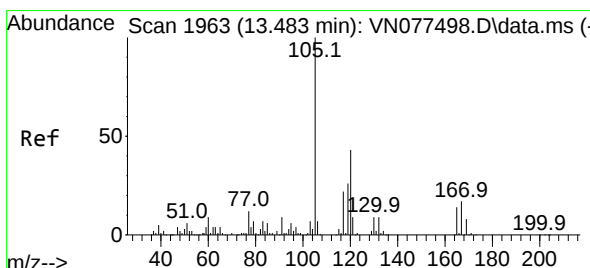
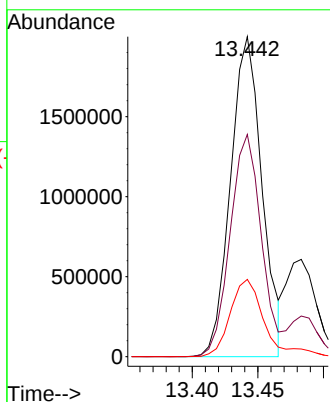
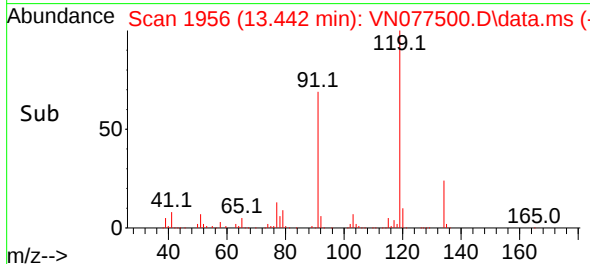
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



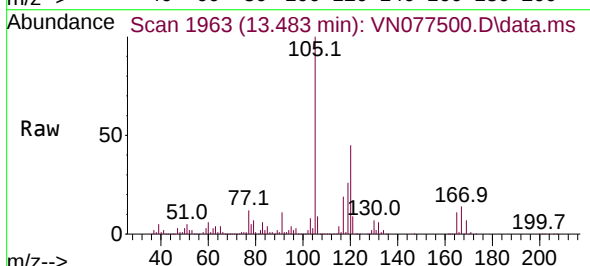
Tgt Ion:119 Resp: 3344839
Ion Ratio Lower Upper
119 100
91 68.2 0.0 131.0
134 24.5 0.0 49.8

Manual Integrations
APPROVED

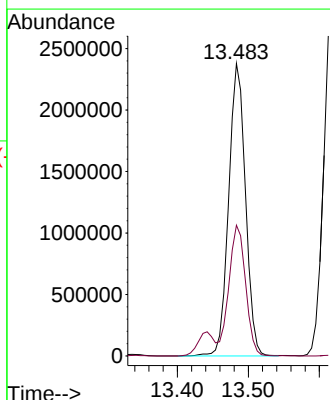
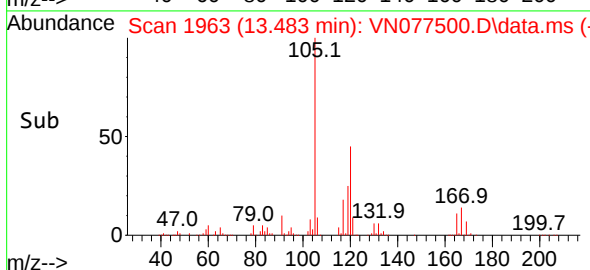
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

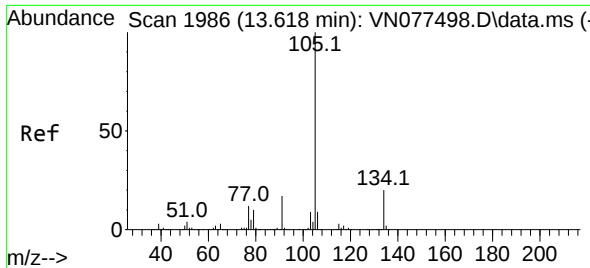


#80
1,2,4-Trimethylbenzene
Concen: 117.451 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46



Tgt Ion:105 Resp: 3905909
Ion Ratio Lower Upper
105 100
120 44.7 0.0 91.0





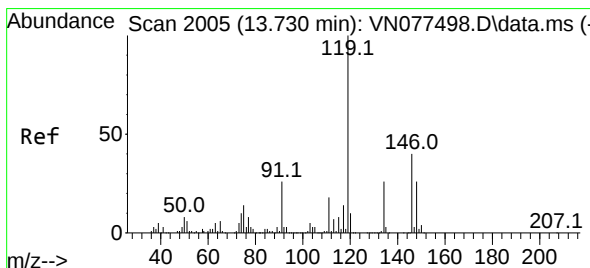
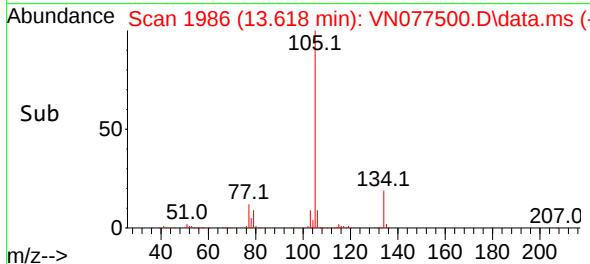
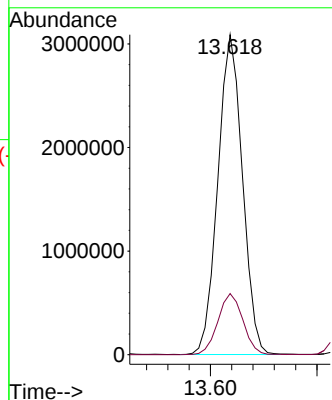
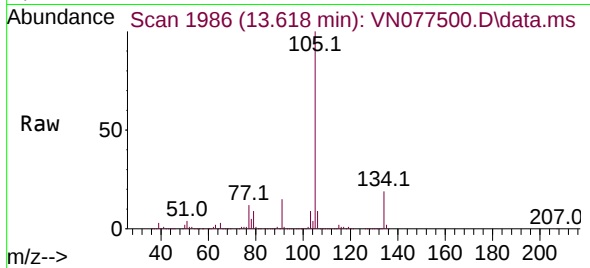
#81
 sec-Butylbenzene
 Concen: 116.585 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN077500.D
 Acq: 28 Apr 2023 12:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 494361
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.6

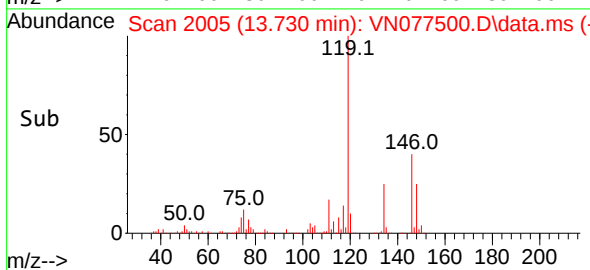
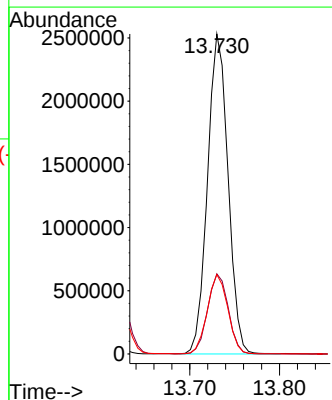
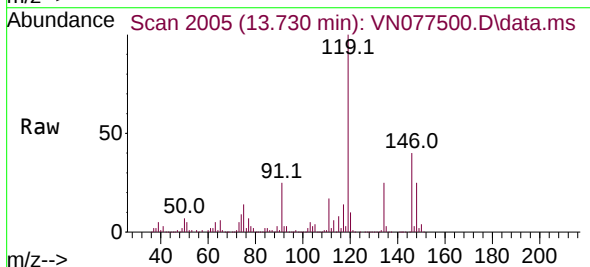
Manual Integrations
 APPROVED

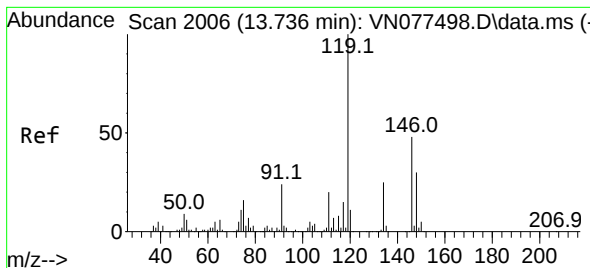
Reviewed By :John Carlone 04/29/2023
 Supervised By :Semsettin Yesilyurt 04/29/2023



#82
 p-Isopropyltoluene
 Concen: 118.278 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077500.D
 Acq: 28 Apr 2023 12:46

Tgt Ion:119 Resp: 4018124
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 51.0
 91 24.8 0.0 48.0





#83

1,3-Dichlorobenzene

Concen: 115.696 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077500.D

Acq: 28 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 1868069

Ion Ratio Lower Upper

146 100

111 43.3 21.4 64.2

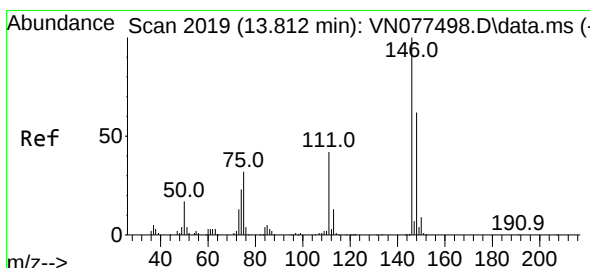
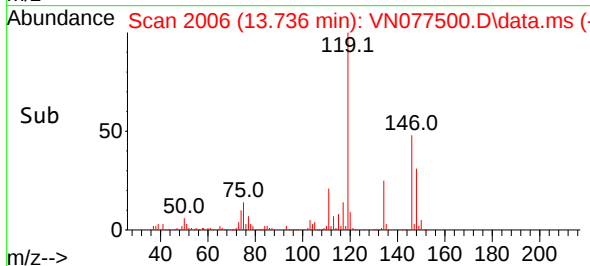
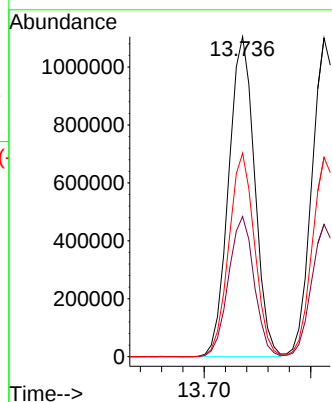
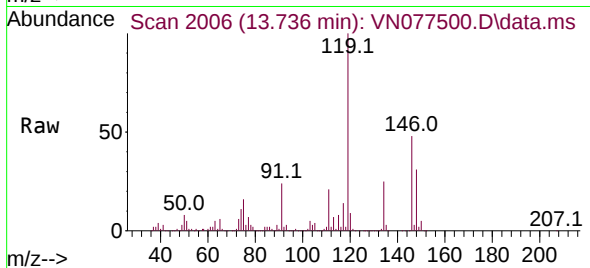
148 63.0 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#84

1,4-Dichlorobenzene

Concen: 119.992 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.001 min

Lab File: VN077500.D

Acq: 28 Apr 2023 12:46

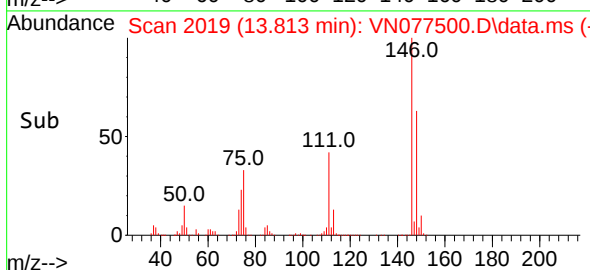
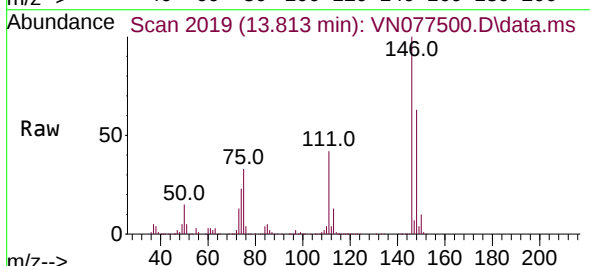
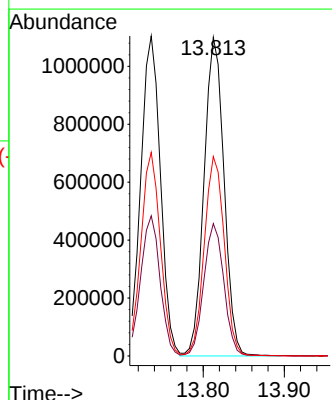
Tgt Ion:146 Resp: 1879696

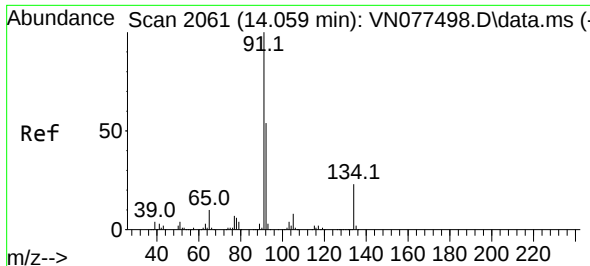
Ion Ratio Lower Upper

146 100

111 41.3 20.3 61.0

148 62.7 31.6 94.7





#85
n-Butylbenzene
Concen: 127.595 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

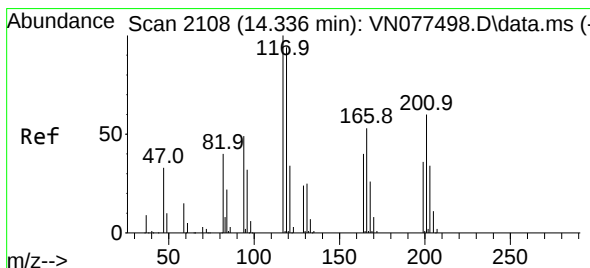
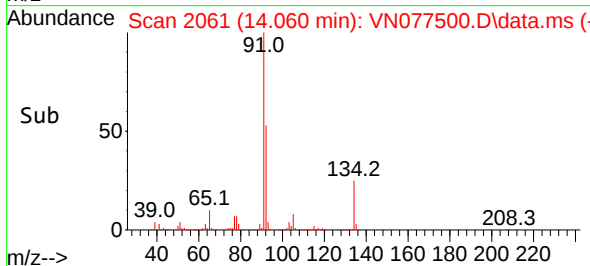
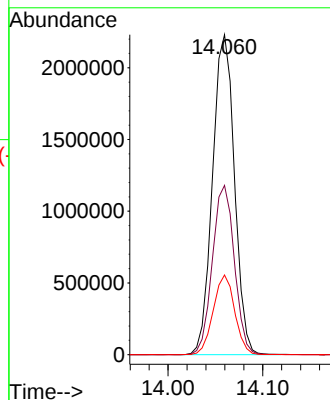
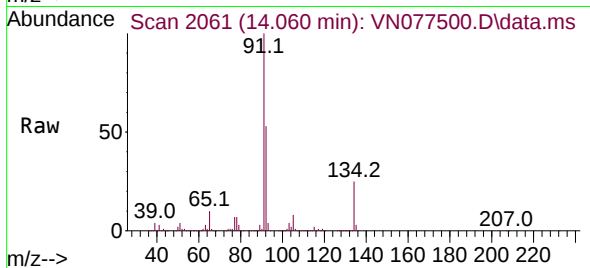
Tgt Ion: 91 Resp: 3581918
Ion Ratio Lower Upper
91 100
92 53.1 0.0 105.6
134 24.4 0.0 49.4

Manual Integrations

APPROVED

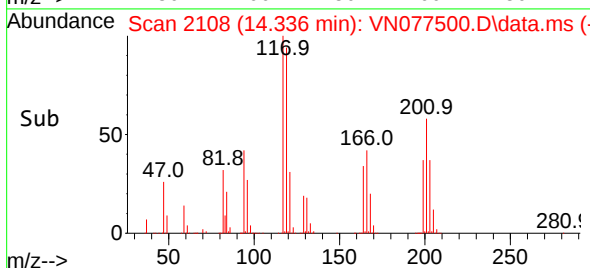
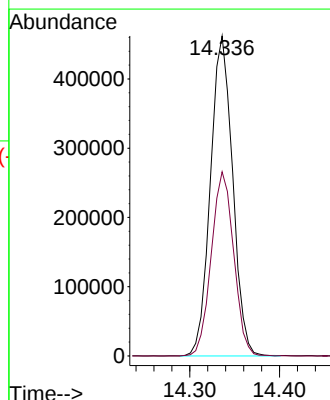
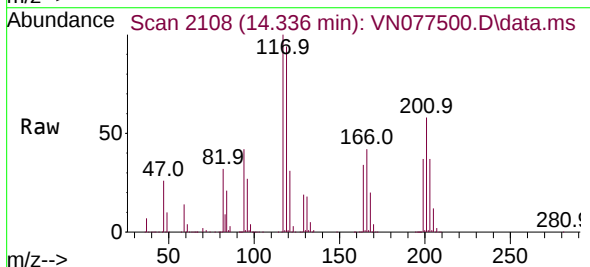
Reviewed By :John Carlone 04/29/2023

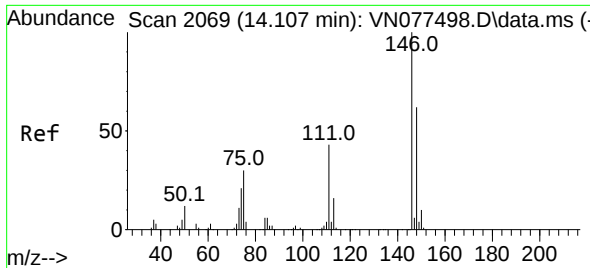
Supervised By :Semsettin Yesilyurt 04/29/2023



#86
Hexachloroethane
Concen: 109.843 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

Tgt Ion:117 Resp: 793783
Ion Ratio Lower Upper
117 100
201 58.0 29.1 87.4





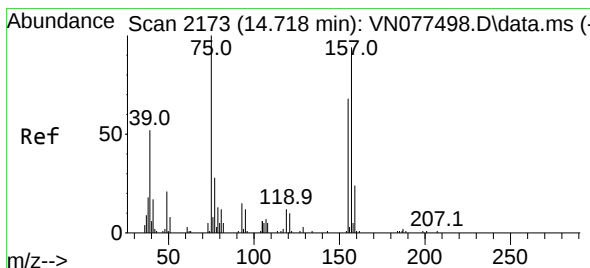
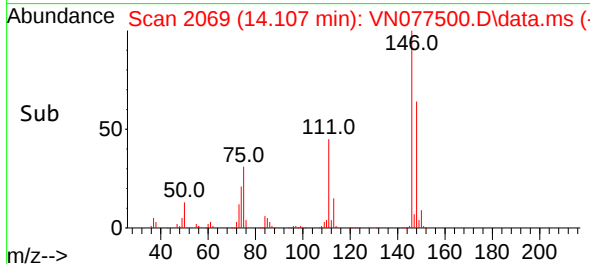
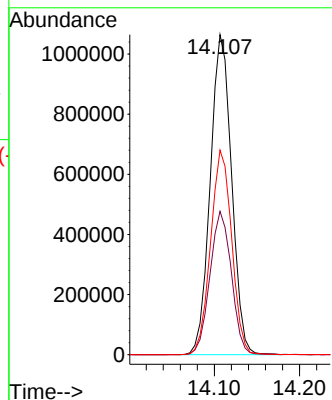
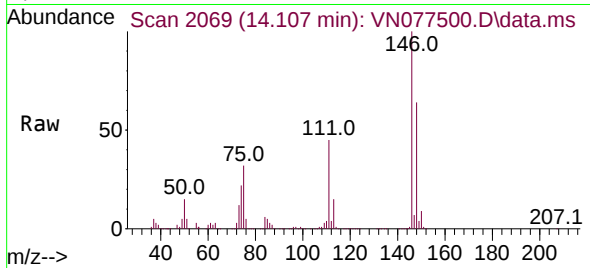
#87
1,2-Dichlorobenzene
Concen: 116.981 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 1850738
Ion Ratio Lower Upper
146 100
111 45.0 22.1 66.5
148 63.4 31.9 95.7

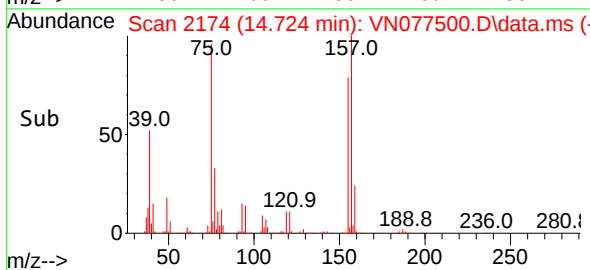
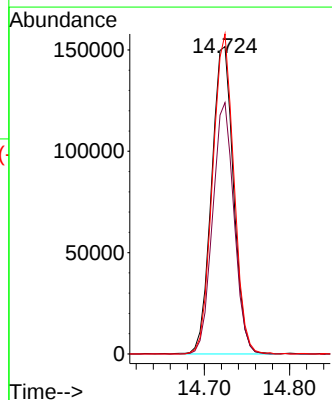
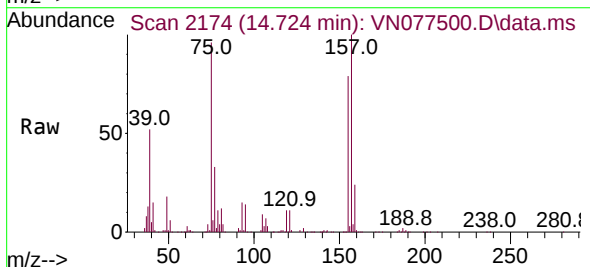
Manual Integrations
APPROVED

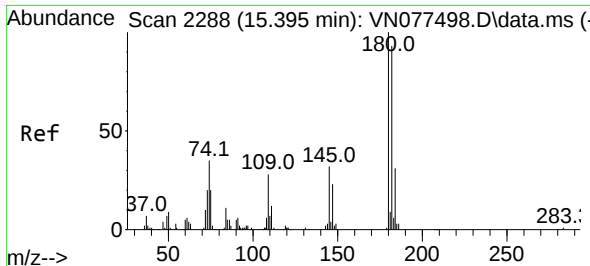
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 110.684 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.006 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

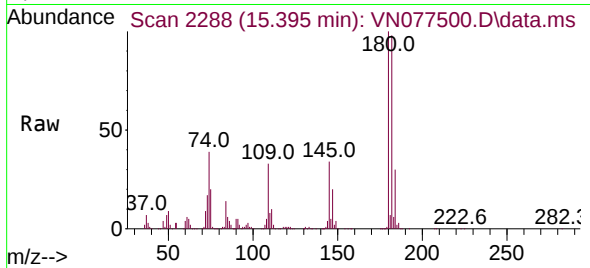
Tgt Ion: 75 Resp: 272248
Ion Ratio Lower Upper
75 100
155 79.5 67.8 101.6
157 100.7 86.3 129.5





#89
1,2,4-Trichlorobenzene
Concen: 127.704 ug/l
RT: 15.395 min Scan# 21
Delta R.T. 0.029 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

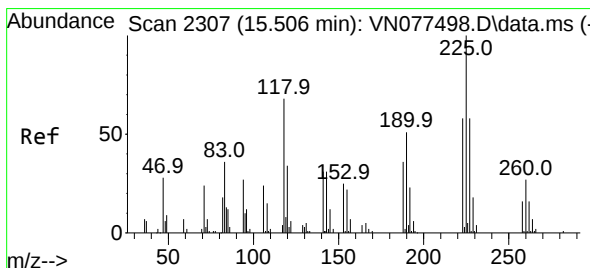
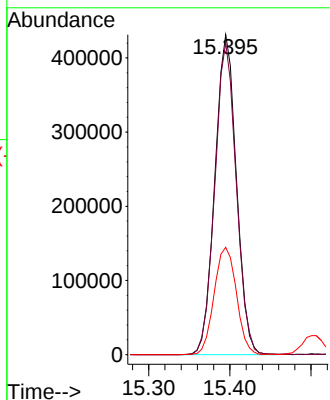
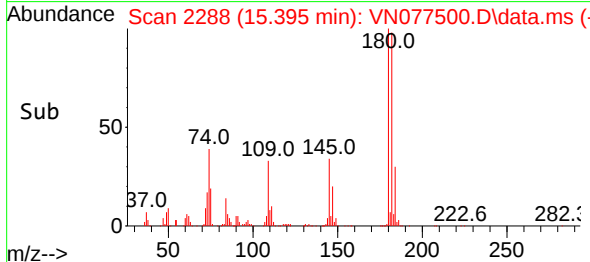
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



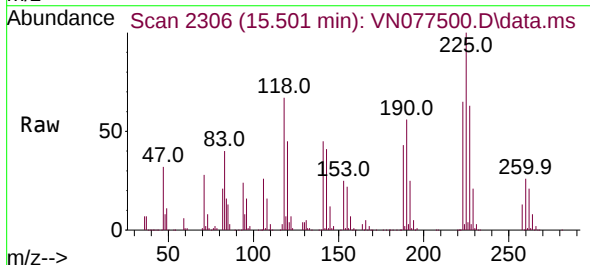
Tgt Ion:180 Resp: 794723
Ion Ratio Lower Upper
180 100
182 96.5 75.6 113.4
145 34.8 26.7 40.1

Manual Integrations
APPROVED

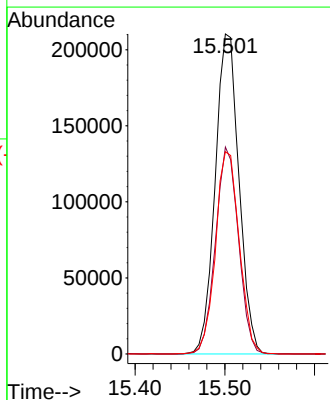
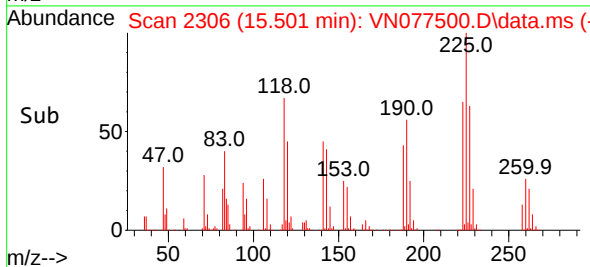
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

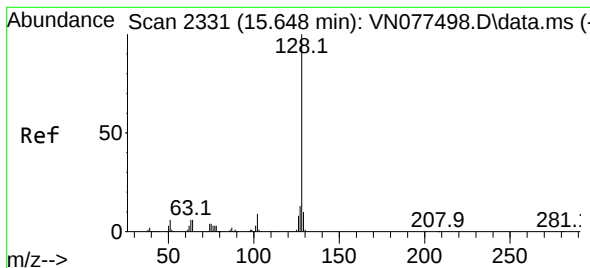


#90
Hexachlorobutadiene
Concen: 121.327 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. 0.036 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46



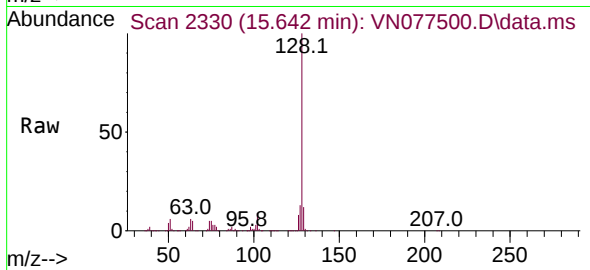
Tgt Ion:225 Resp: 387235
Ion Ratio Lower Upper
225 100
223 62.4 0.0 126.0
227 63.1 0.0 127.2





#91
Naphthalene
Concen: 128.921 ug/l
RT: 15.642 min Scan# 2331
Delta R.T. 0.053 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

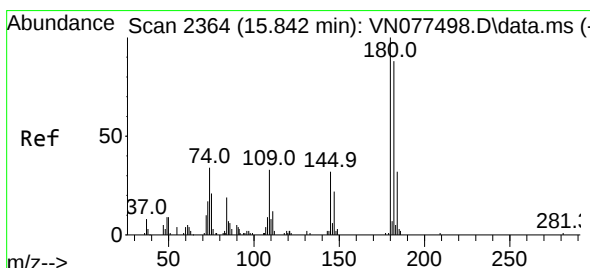
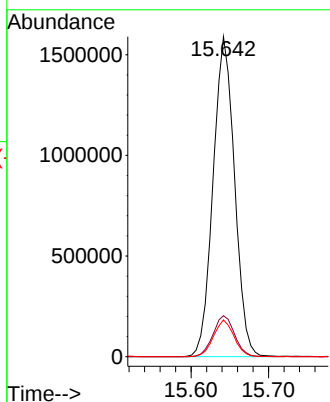
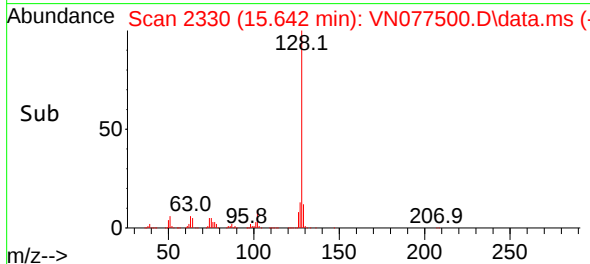
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:128 Resp: 306499
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#92
1,2,3-Trichlorobenzene
Concen: 124.471 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.088 min
Lab File: VN077500.D
Acq: 28 Apr 2023 12:46

Tgt Ion:180 Resp: 755814
Ion Ratio Lower Upper
180 100
182 93.3 0.0 190.4
145 36.9 0.0 72.4

