

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042823\
 Data File : VN077499.D
 Acq On : 28 Apr 2023 12:22
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Quant Time: Apr 28 16:08:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 28 16:05:06 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	7.819	128	73638	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	520127	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	587657	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	186846	28.039	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	93.467%		
60) 4-Bromofluorobenzene	12.848	95	323407	31.168	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	103.900%		
63) Toluene-d8	10.572	98	619864	29.981	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.933%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.131	85	435536	44.642	ug/l	98
3) Chloromethane	2.372	50	306441	43.386	ug/l	99
4) Vinyl Chloride	2.525	62	431336	43.646	ug/l	98
5) Bromomethane	2.943	94	324895	38.978	ug/l	99
6) Chloroethane	3.125	64	290869	42.913	ug/l	93
7) Trichlorofluoromethane	3.501	101	638908	43.915	ug/l	96
8) Diethyl Ether	3.972	74	230509	45.264	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.378	101	365880	44.120	ug/l	99
10) 1,1-Dichloroethene	4.354	96	354480	44.867	ug/l	97
11) Methyl Iodide	4.601	142	464823	47.624	ug/l	97
12) Methyl Acetate	5.031	43	503097	44.235	ug/l	97
13) Acrolein	4.190	56	297102	217.101	ug/l	97
14) Acrylonitrile	5.725	53	779994	221.905	ug/l	98
15) Acetone	4.437	58	239449	215.445	ug/l	76
16) Carbon Disulfide	4.725	76	889111	44.276	ug/l	99
17) Allyl chloride	5.025	41	388400	45.381	ug/l	99
18) Methylene Chloride	5.284	84	404258	43.635	ug/l	95
19) trans-1,2-Dichloroethene	5.795	96	390277	44.708	ug/l	94
20) Diisopropyl ether	6.678	45	917401	45.633	ug/l	93
21) 1,1-Dichloroethane	6.578	63	666729	45.081	ug/l	96
22) cis-1,2-Dichloroethene	7.489	96	466736	44.741	ug/l	99
23) tert-Butyl Alcohol	5.531	59	328666	214.705	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	1240332	45.287	ug/l	98
25) Chloroform	7.972	83	768824	45.261	ug/l	99
26) Cyclohexane	8.260	56	539751	44.976	ug/l #	95
29) 1,1-Dichloropropene	8.378	75	548306	48.535	ug/l	99
30) 2-Butanone	7.489	43	963949	236.538	ug/l	99
31) 2,2-Dichloropropane	7.495	77	648139	48.499	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	712476	48.703	ug/l	98
33) Carbon Tetrachloride	8.366	117	618433	49.032	ug/l	97
34) Benzene	8.613	78	1663190	48.173	ug/l	96
35) Methacrylonitrile	7.789	41	197056	46.481	ug/l	99
36) 1,2-Dichloroethane	8.672	62	560773	47.511	ug/l	100
37) Trichloroethene	9.354	130	422117	47.689	ug/l	94
38) Methylcyclohexane	9.607	83	733012	49.297	ug/l	98
39) 1,2-Dichloropropane	9.625	63	380313	47.696	ug/l	94
40) Dibromomethane	9.713	93	303012	47.809	ug/l	99
41) Bromodichloromethane	9.889	83	622442	49.486	ug/l	97
42) Vinyl Acetate	6.607	43	3299059m	280.441	ug/l	

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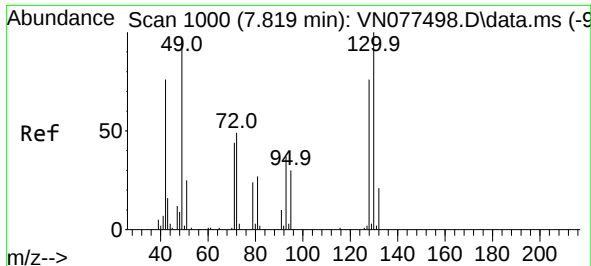
Manual Integrations
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Reviewed By : John Carlone 04/29/2023
 Supervised By : Semsettin Yesilyurt 04/29/2023

Quant Time: Apr 28 16:08:46 2023
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	372923m	45.966	ug/l	
44) Isopropyl Acetate	8.689	43	682056	47.975	ug/l	97
45) 1,4-Dioxane	9.701	88	161027	934.734	ug/l	98
46) Methyl methacrylate	9.683	41	311210	48.337	ug/l	97
47) n-amyl Acetate	12.495	43	590128	51.066	ug/l	100
48) t-1,3-Dichloropropene	10.836	75	654118	50.812	ug/l	95
49) cis-1,3-Dichloropropene	10.313	75	694413	49.887	ug/l	98
50) 1,1,2-Trichloroethane	11.019	97	436615	48.198	ug/l	98
51) Ethyl methacrylate	10.877	69	625983	49.814	ug/l	95
52) 1,3-Dichloropropane	11.166	76	704969	48.084	ug/l	98
53) Dibromochloromethane	11.360	129	470514	50.156	ug/l	99
54) 1,2-Dibromoethane	11.471	107	450141	49.017	ug/l	98
55) 2-Chloroethyl vinyl ether	10.160	63	1089697	266.615	ug/l	99
56) Bromoform	12.583	173	299731	51.117	ug/l	96
58) 4-Methyl-2-Pentanone	10.448	43	1997806	227.602	ug/l	100
59) 2-Hexanone	11.195	43	1475187	227.101	ug/l	100
61) Tetrachloroethene	11.107	164	330462	45.800	ug/l	89
62) Toluene	10.630	91	1936088	46.787	ug/l	100
64) Chlorobenzene	11.895	112	1176916	46.863	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.960	131	429115	47.650	ug/l	97
66) Ethyl Benzene	11.966	91	2150088	47.580	ug/l	99
67) m/p-Xylenes	12.071	106	1692405	95.932	ug/l	99
68) o-Xylene	12.401	106	836165	48.119	ug/l	99
69) Styrene	12.413	104	1342531	49.072	ug/l	99
70) Isopropylbenzene	12.701	105	2161969	48.397	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	631508	46.762	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	534125m	46.991	ug/l	
73) Bromobenzene	12.983	156	444296	46.989	ug/l	98
74) n-propylbenzene	13.036	91	2462396	49.581	ug/l	99
75) 2-Chlorotoluene	13.124	91	1484495	48.566	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	1814684	52.854	ug/l	98
77) t-1,4-Dichloro-2-butene	12.742	75	193763	50.297	ug/l	95
78) 4-Chlorotoluene	13.224	91	1437768	50.013	ug/l	99
79) tert-butylbenzene	13.442	119	1536153	48.607	ug/l	100
80) 1,2,4-Trimethylbenzene	13.483	105	1742924	54.679	ug/l	99
81) sec-Butylbenzene	13.618	105	2223502	49.753	ug/l	100
82) p-Isopropyltoluene	13.730	119	1782452	50.919	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	831764	48.965	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	822605	48.978	ug/l	100
85) n-Butylbenzene	14.060	91	1508029	54.501	ug/l	99
86) Hexachloroethane	14.336	117	350167	49.741	ug/l	94
87) 1,2-Dichlorobenzene	14.107	146	823815	48.457	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.724	75	120346	47.513	ug/l	97
89) 1,2,4-Trichlorobenzene	15.395	180	287491	57.875	ug/l	95
90) Hexachlorobutadiene	15.501	225	173581	48.009	ug/l	98
91) Naphthalene	15.642	128	1118904	60.262	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	273173	57.272	ug/l	94

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



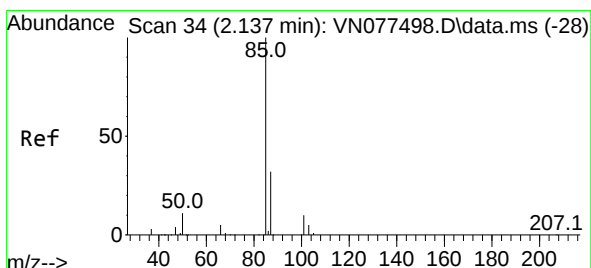
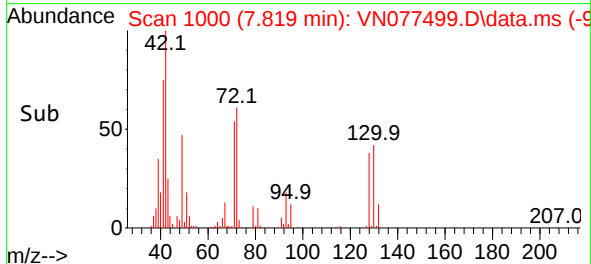
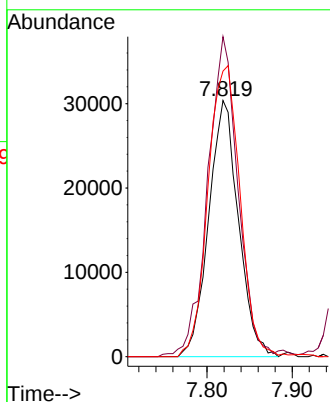
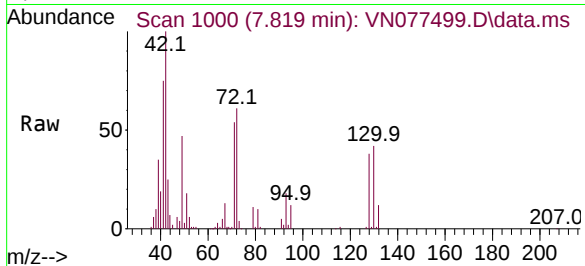
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:128 Resp: 73638
Ion Ratio Lower Upper
128 100
49 123.6 0.0 338.5
130 122.1 0.0 326.3

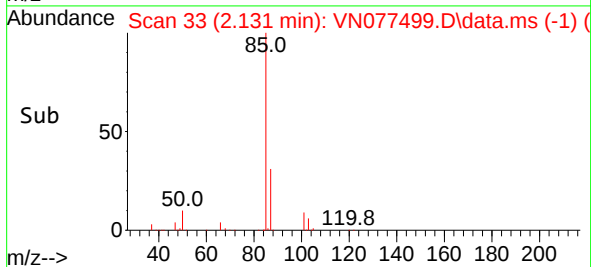
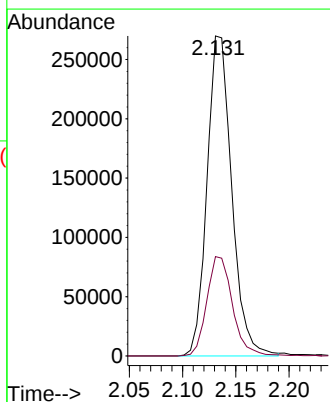
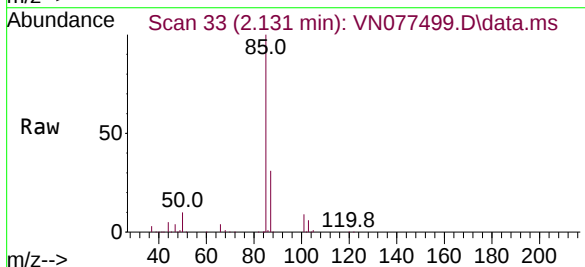
Manual Integrations
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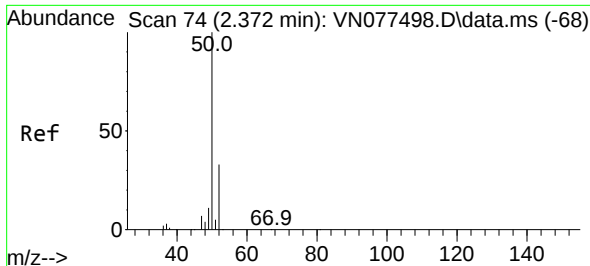
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#2
Dichlorodifluoromethane
Concen: 44.642 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

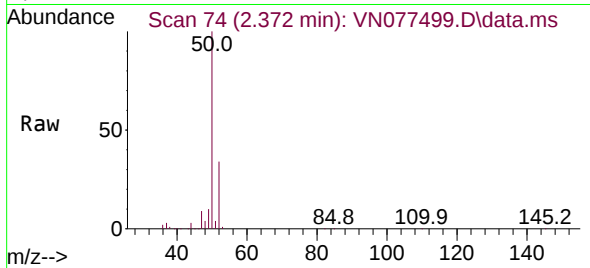
Tgt Ion: 85 Resp: 435536
Ion Ratio Lower Upper
85 100
87 31.0 16.1 48.3





#3
Chloromethane
Concen: 43.386 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

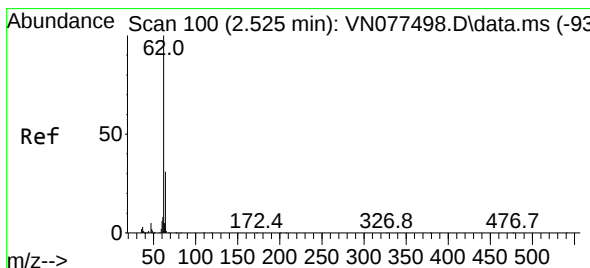
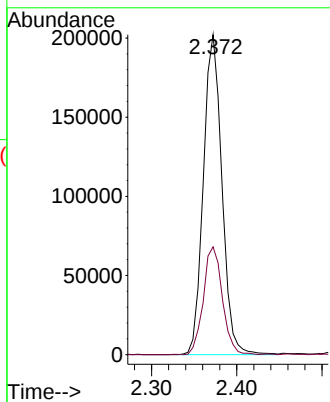
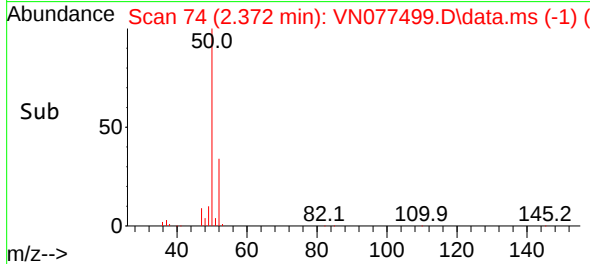
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



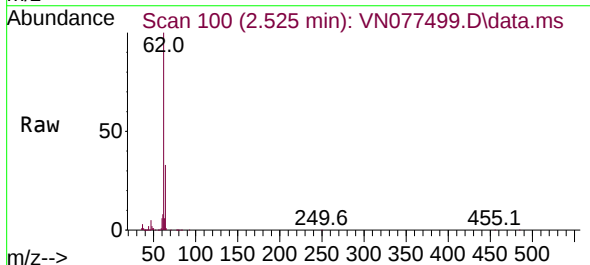
Tgt Ion: 50 Resp: 30644
Ion Ratio Lower Upper
50 100
52 33.7 26.6 39.8

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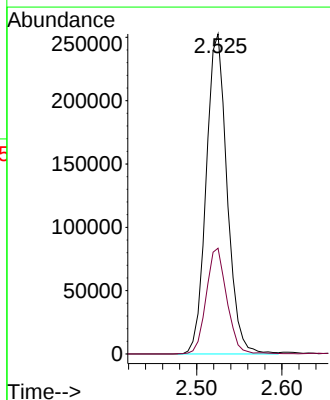
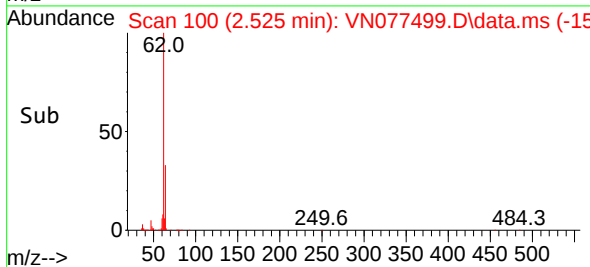
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

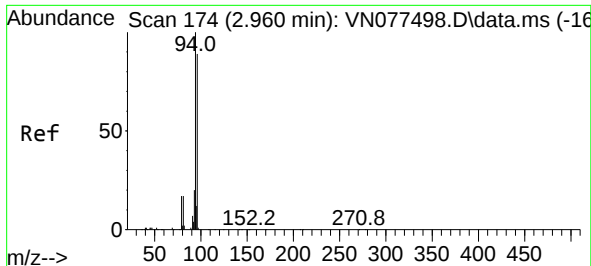


#4
Vinyl Chloride
Concen: 43.646 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22



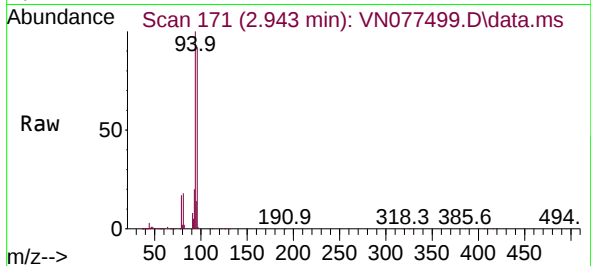
Tgt Ion: 62 Resp: 431336
Ion Ratio Lower Upper
62 100
64 33.0 27.1 40.7





#5
Bromomethane
Concen: 38.978 ug/l
RT: 2.943 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

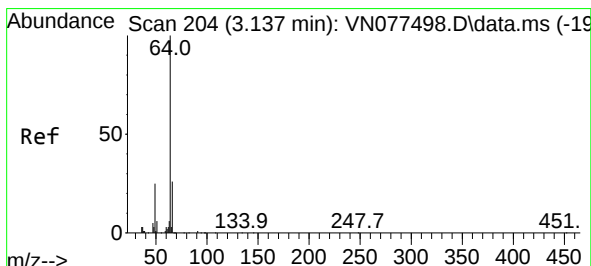
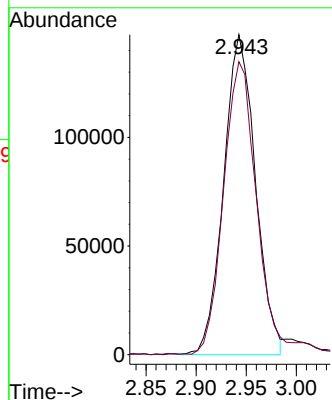
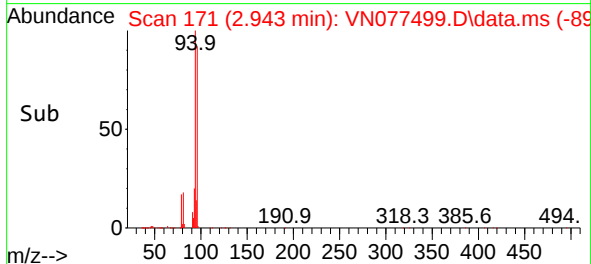
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 94 Resp: 32489
Ion Ratio Lower Upper
94 100
96 91.6 72.6 108.8

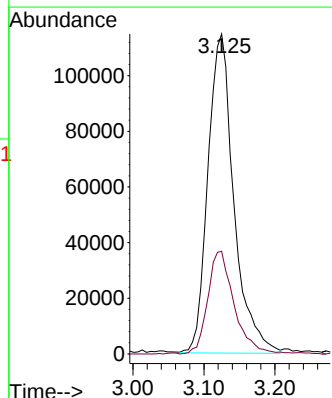
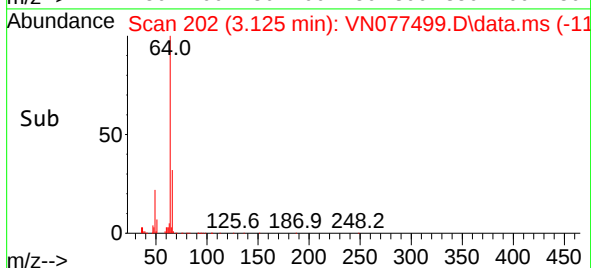
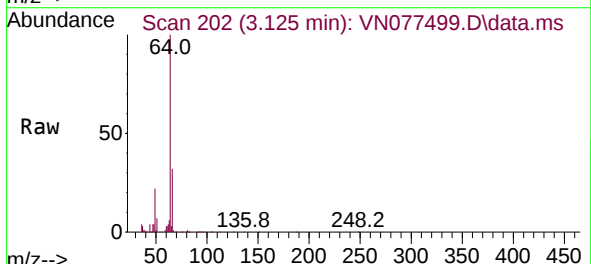
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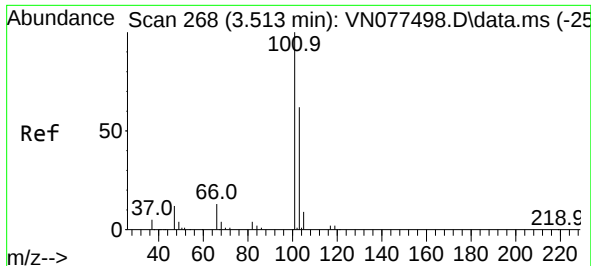
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#6
Chloroethane
Concen: 42.913 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.012 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

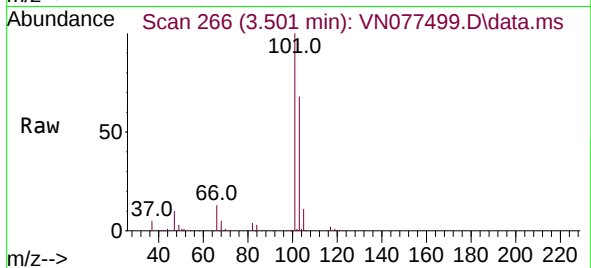
Tgt Ion: 64 Resp: 290869
Ion Ratio Lower Upper
64 100
66 32.3 29.1 43.7





#7
Trichlorofluoromethane
Concen: 43.915 ug/l
RT: 3.501 min Scan# 20
Delta R.T. -0.012 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

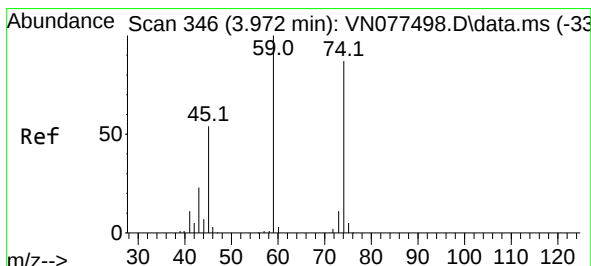
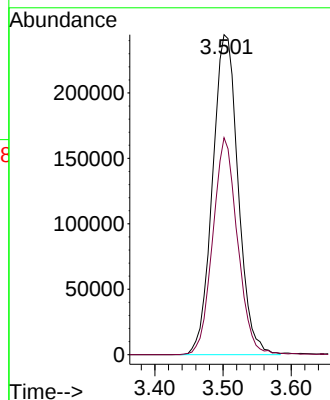
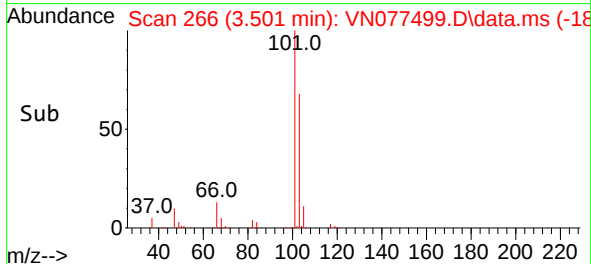
Instrument :
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Tgt Ion:101 Resp: 638908
Ion Ratio Lower Upper
101 100
103 67.7 51.8 77.8

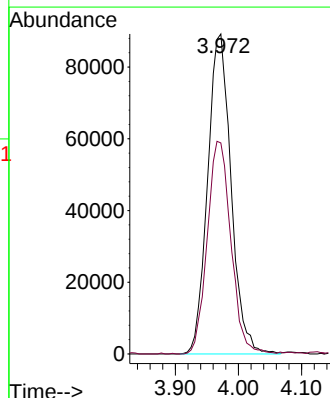
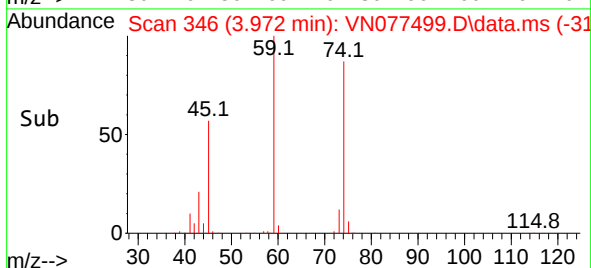
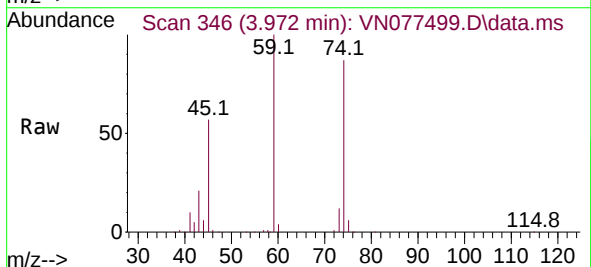
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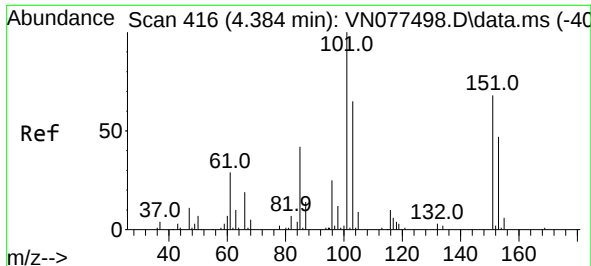
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#8
Diethyl Ether
Concen: 45.264 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

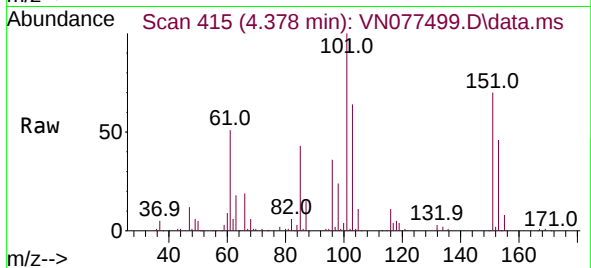
Tgt Ion: 74 Resp: 230509
Ion Ratio Lower Upper
74 100
45 66.6 13.6 122.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.120 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

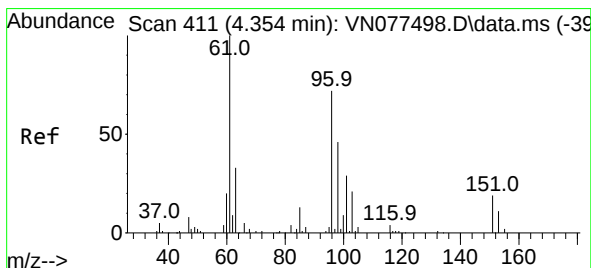
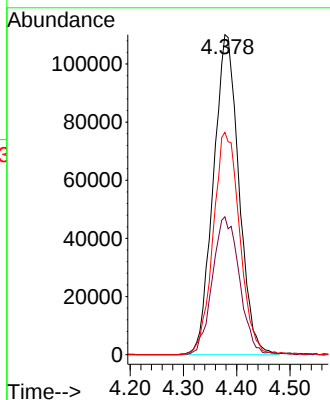
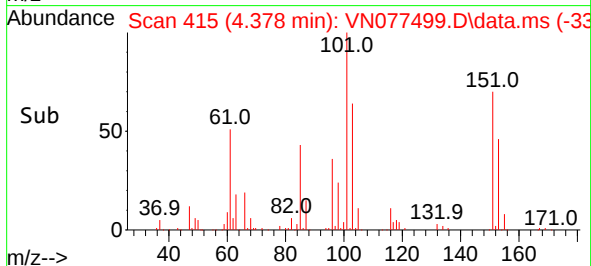
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MSVOA_N
ClientSampleId :
VSTDIC050



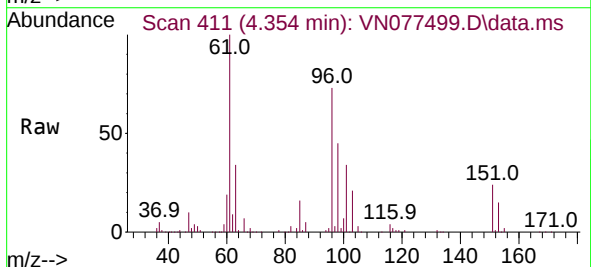
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Ion Ratio Lower Upper
101 100
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Manual Integrations
APPROVED

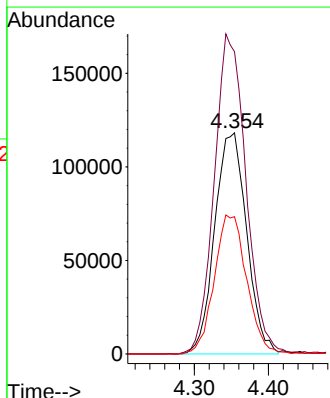
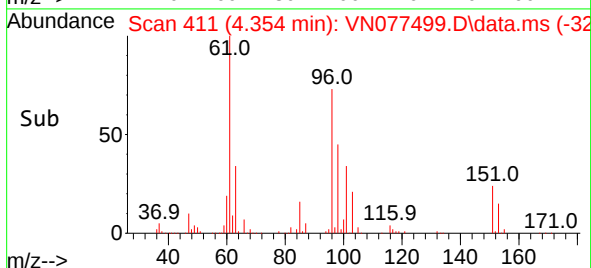
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

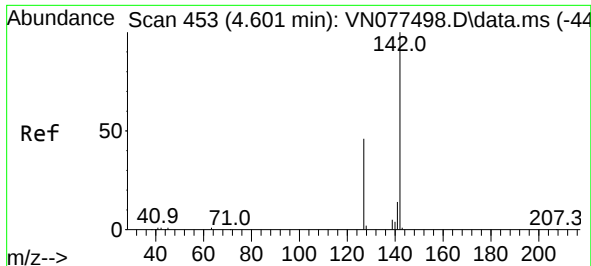


#10
1,1-Dichloroethene
Concen: 44.867 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22



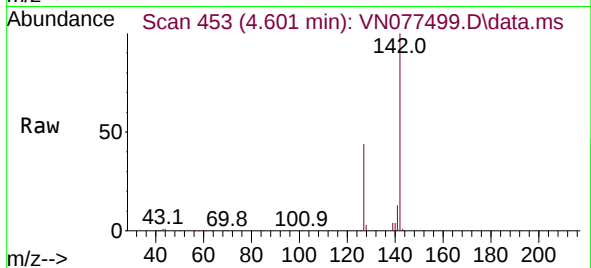
Tgt Ion: 96 Resp: 354480
Ion Ratio Lower Upper
96 100
61 136.7 108.8 163.2
98 62.1 43.5 65.3





#11
Methyl Iodide
Concen: 47.624 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

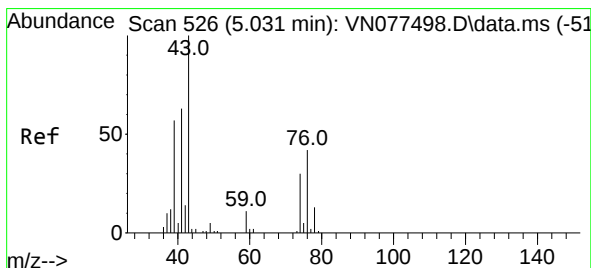
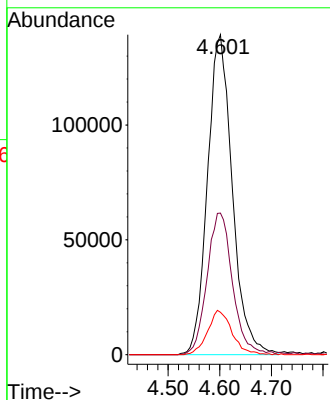
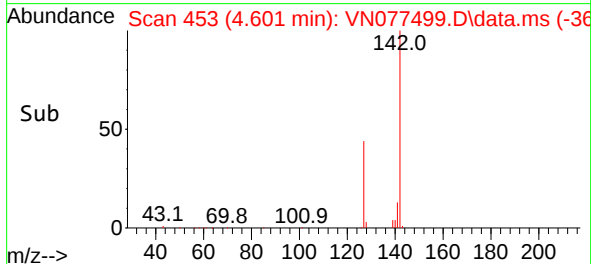
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:142 Resp: 464823
Ion Ratio Lower Upper
142 100
127 44.0 23.1 69.3
141 13.3 6.0 18.0

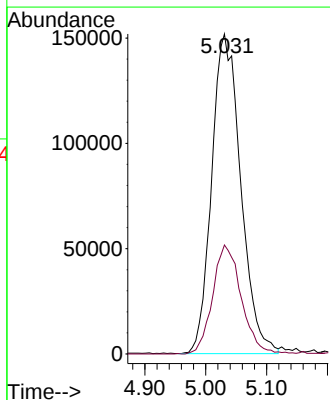
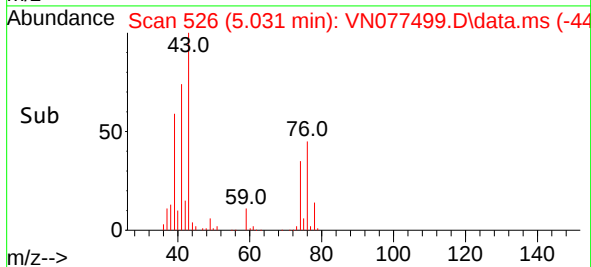
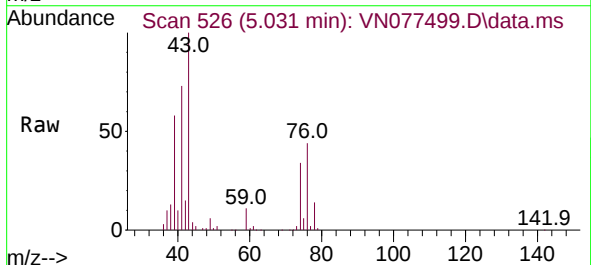
Manual Integrations
APPROVED

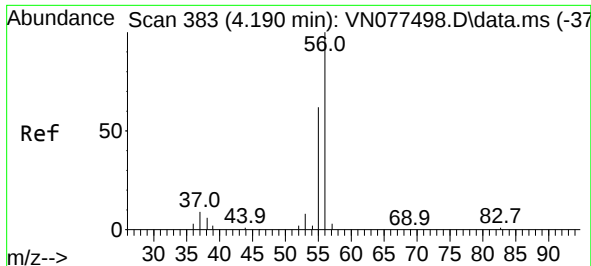
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#12
Methyl Acetate
Concen: 44.235 ug/l
RT: 5.031 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

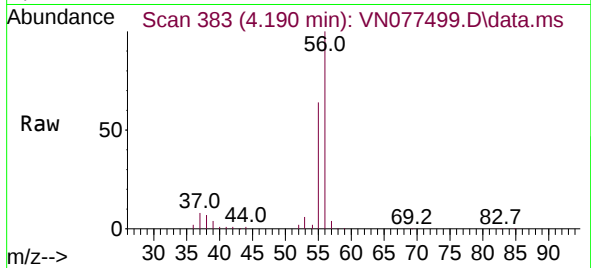
Tgt Ion: 43 Resp: 503097
Ion Ratio Lower Upper
43 100
74 33.9 25.8 38.8





#13
Acrolein
Concen: 217.101 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

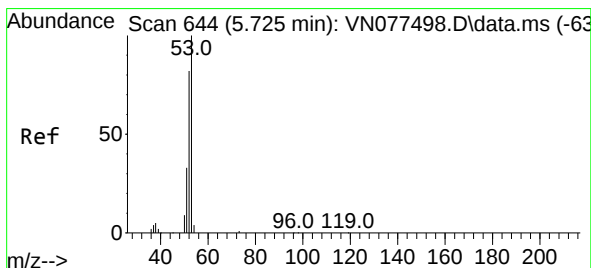
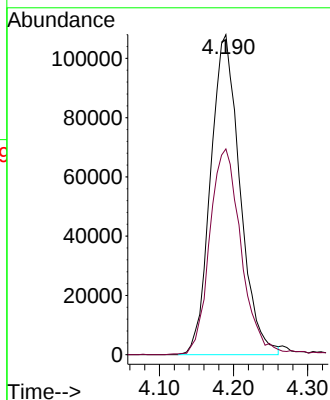
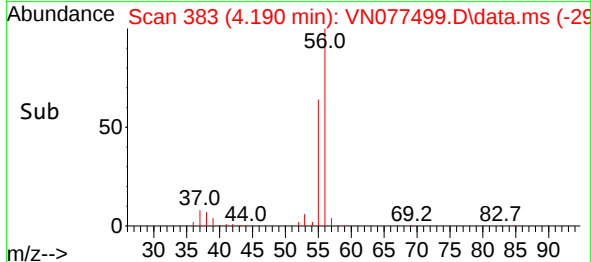
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 56 Resp: 297102
Ion Ratio Lower Upper
56 100
55 67.5 55.8 83.6

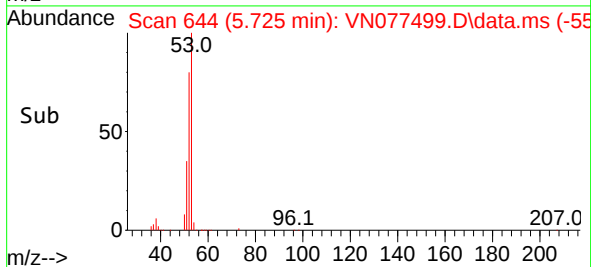
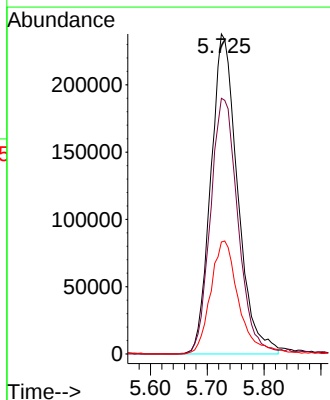
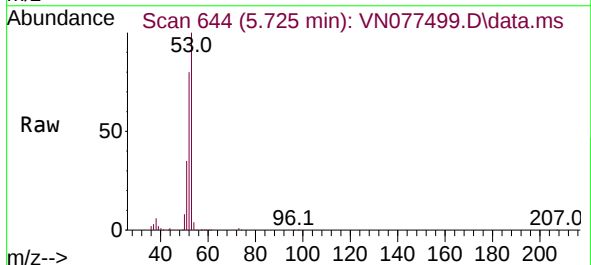
Manual Integrations
APPROVED

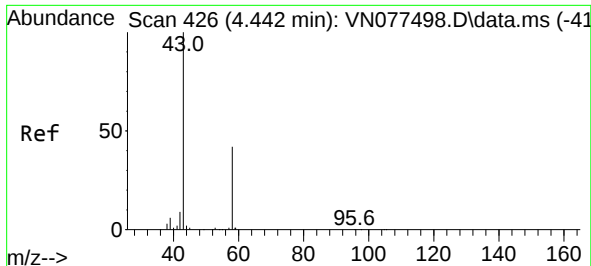
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#14
Acrylonitrile
Concen: 221.905 ug/l
RT: 5.725 min Scan# 644
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

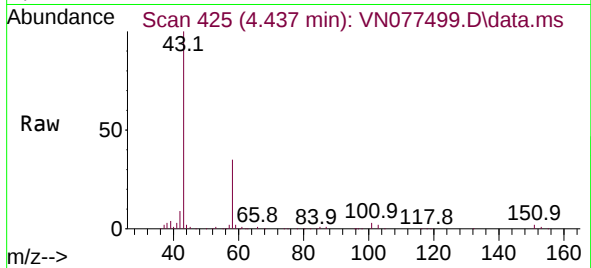
Tgt Ion: 53 Resp: 779994
Ion Ratio Lower Upper
53 100
52 81.6 41.9 125.6
51 37.1 18.0 54.0





#15
Acetone
Concen: 215.445 ug/l
RT: 4.437 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

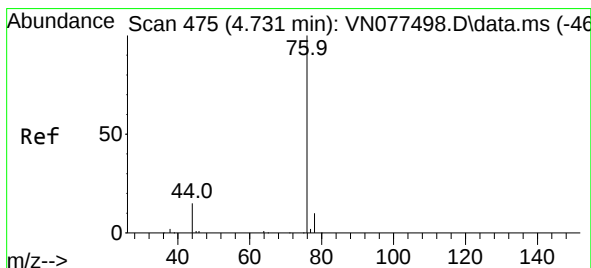
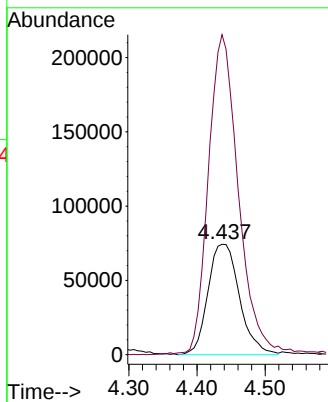
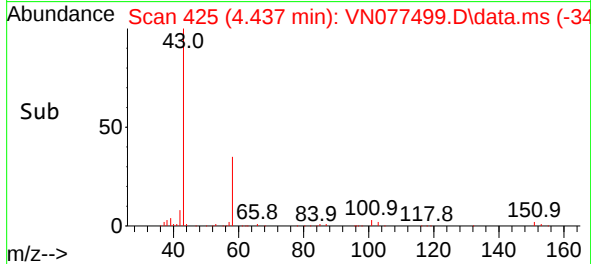
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 58 Resp: 239449
Ion Ratio Lower Upper
58 100
43 288.1 197.2 295.8

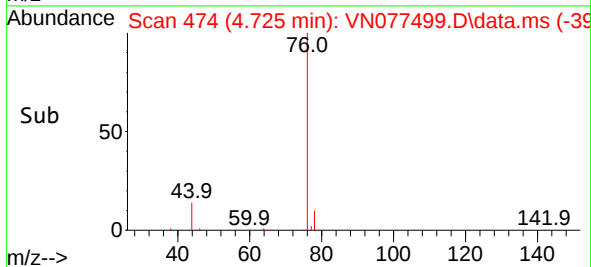
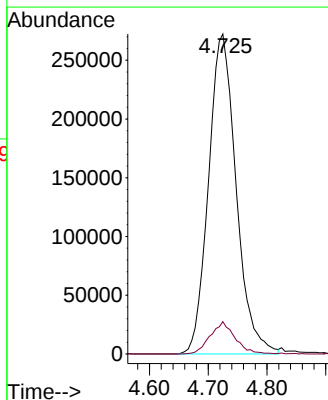
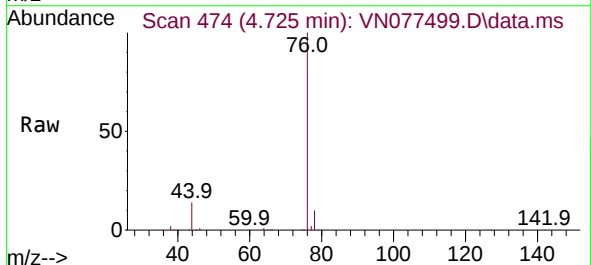
Manual Integrations
APPROVED

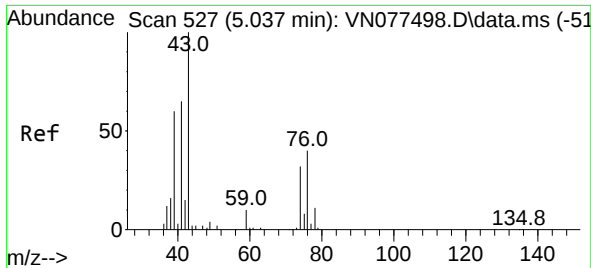
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#16
Carbon Disulfide
Concen: 44.276 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.006 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

Tgt Ion: 76 Resp: 889111
Ion Ratio Lower Upper
76 100
78 10.1 7.8 11.8





#17
 Allyl chloride
 Concen: 45.381 ug/l
 RT: 5.025 min Scan# 51
 Delta R.T. -0.012 min
 Lab File: VN077499.D
 Acq: 28 Apr 2023 12:22

Instrument :

MSVOA_N

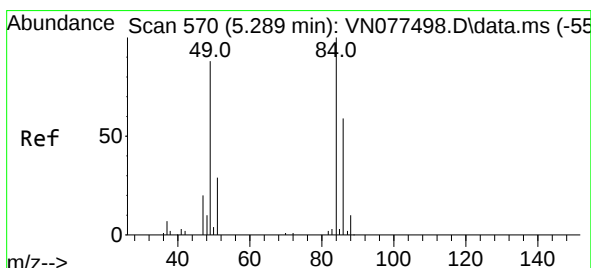
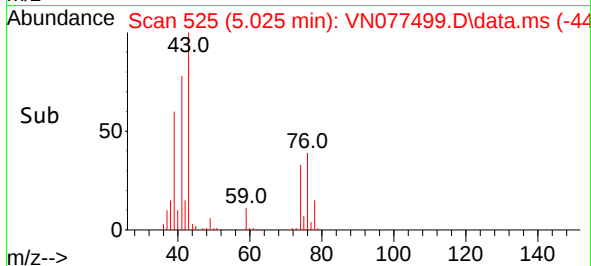
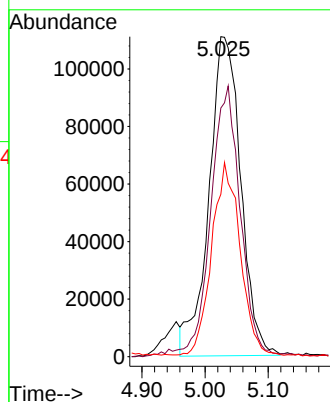
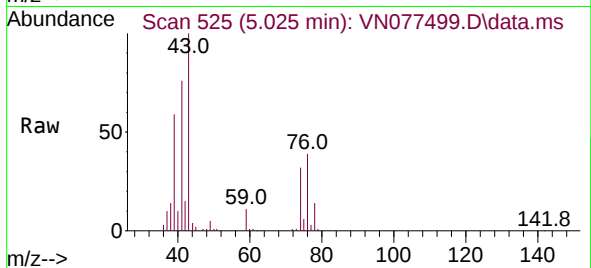
ClientSampleId :

VSTDICC050

Tgt Ion: 41 Resp: 388400
 Ion Ratio Lower Upper
 41 100
 39 77.5 38.6 116.0
 76 50.6 26.1 78.3

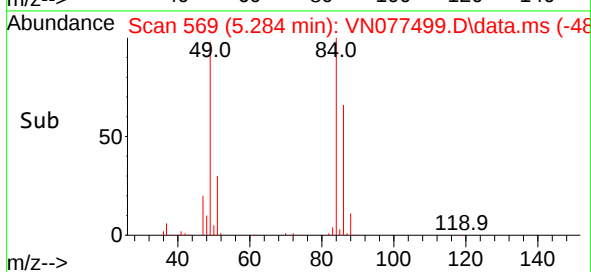
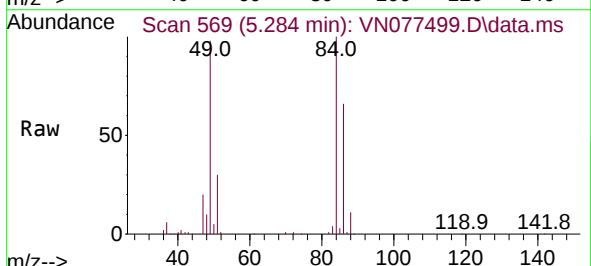
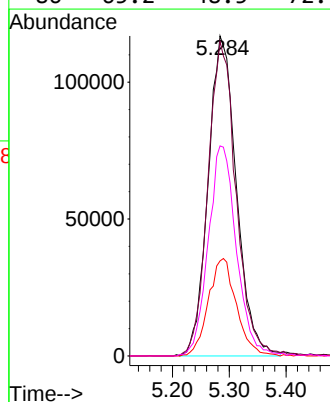
Manual Integrations
 APPROVED

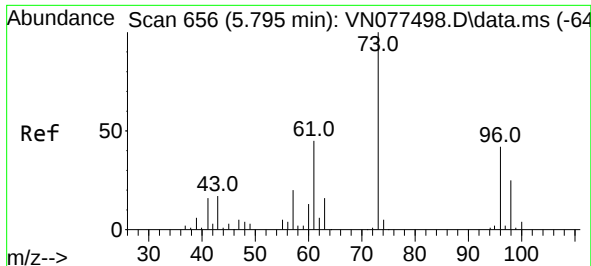
Reviewed By :John Carlone 04/29/2023
 Supervised By :Semsettin Yesilyurt 04/29/2023



#18
 Methylene Chloride
 Concen: 43.635 ug/l
 RT: 5.284 min Scan# 569
 Delta R.T. -0.006 min
 Lab File: VN077499.D
 Acq: 28 Apr 2023 12:22

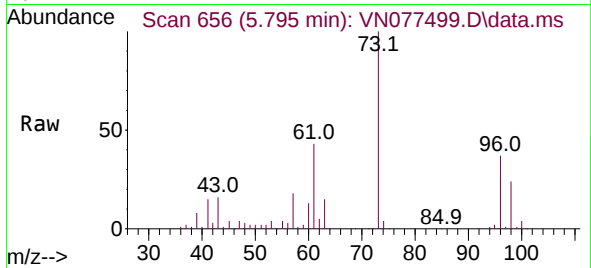
Tgt Ion: 84 Resp: 404258
 Ion Ratio Lower Upper
 84 100
 49 98.0 74.6 112.0
 51 29.7 25.0 37.6
 86 65.2 48.5 72.7





#19
trans-1,2-Dichloroethene
Concen: 44.708 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

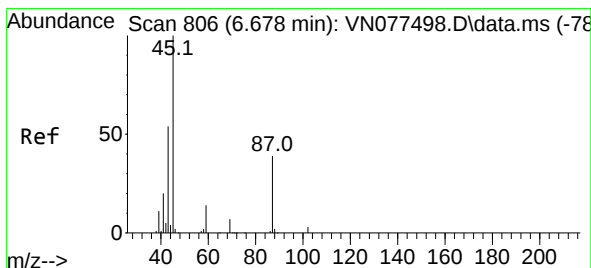
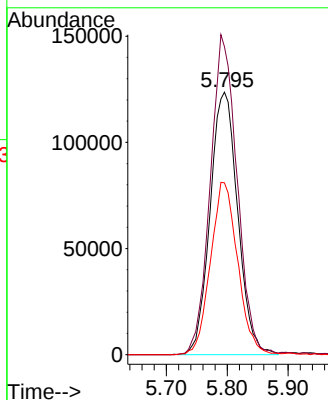
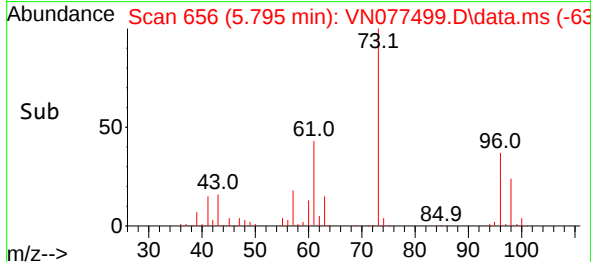
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 96 Resp: 39027
Ion Ratio Lower Upper
96 100
61 117.1 89.7 134.5
98 65.3 47.0 70.4

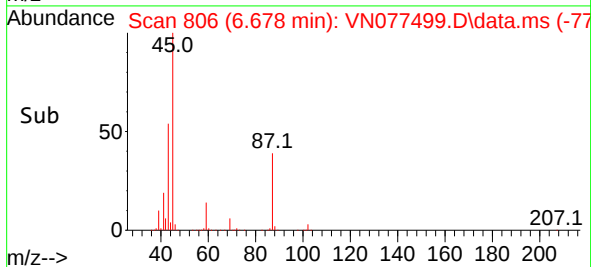
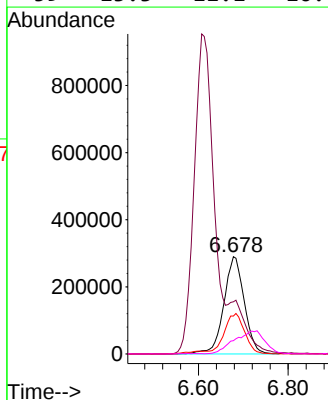
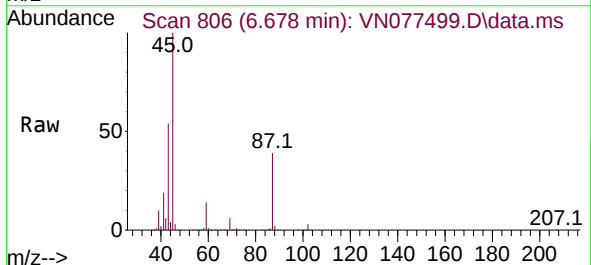
Manual Integrations
APPROVED

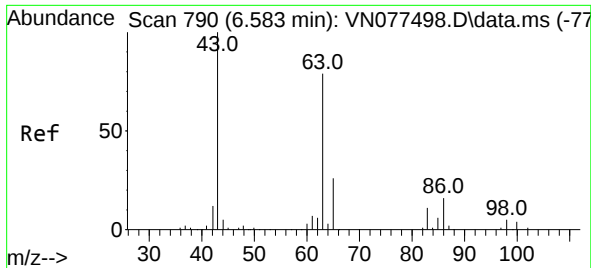
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#20
Diisopropyl ether
Concen: 45.633 ug/l
RT: 6.678 min Scan# 806
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

Tgt Ion: 45 Resp: 917401
Ion Ratio Lower Upper
45 100
43 52.0 46.6 69.8
87 38.8 34.6 52.0
59 13.3 11.1 16.7





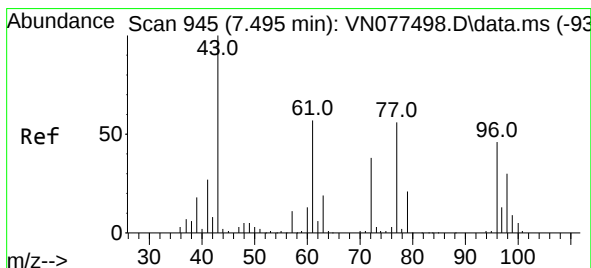
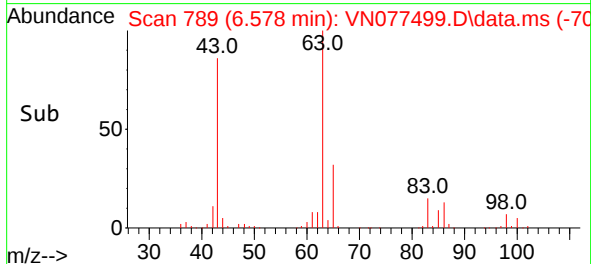
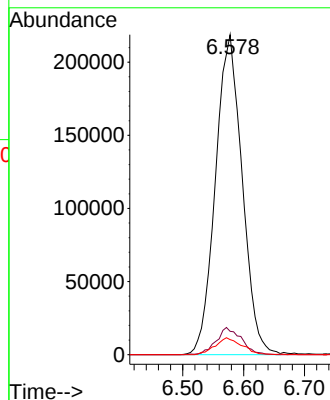
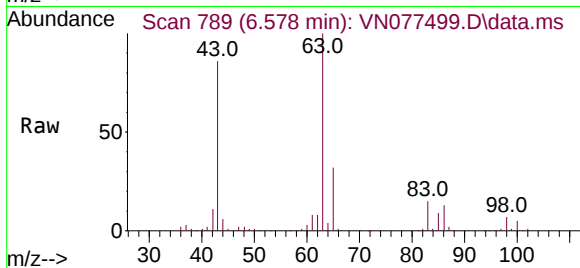
#21
1,1-Dichloroethane
Concen: 45.081 ug/l
RT: 6.578 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 666729
Ion Ratio Lower Upper
63 100
98 7.3 4.0 12.0
100 4.7 3.4 10.1

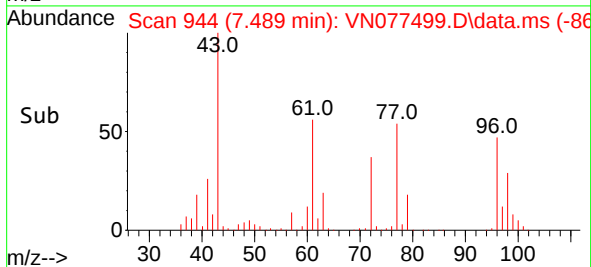
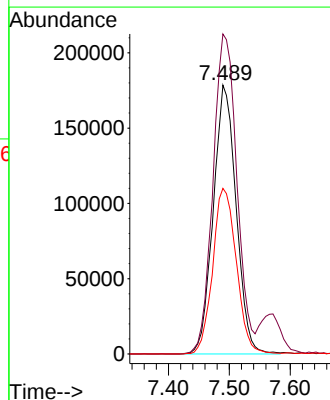
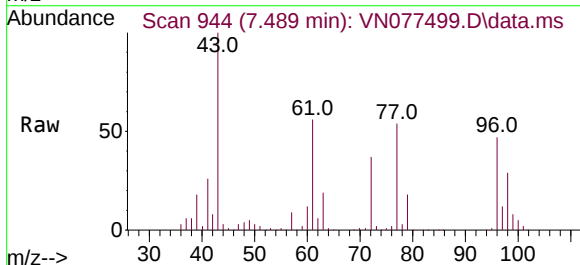
Manual Integrations
APPROVED

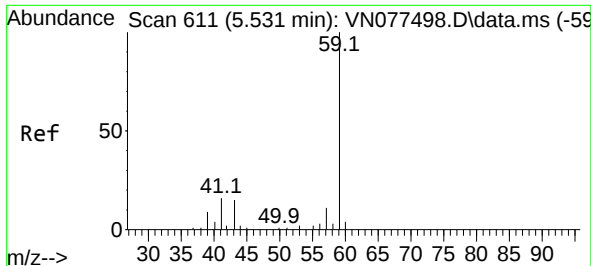
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#22
cis-1,2-Dichloroethene
Concen: 44.741 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

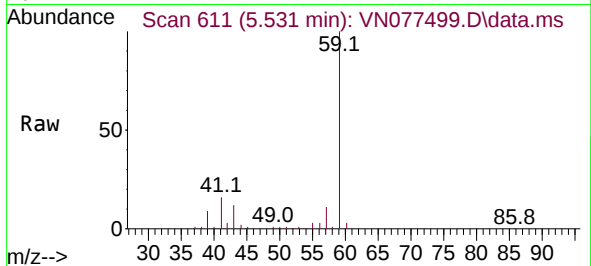
Tgt Ion: 96 Resp: 466736
Ion Ratio Lower Upper
96 100
61 124.3 100.2 150.2
98 63.6 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 214.705 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

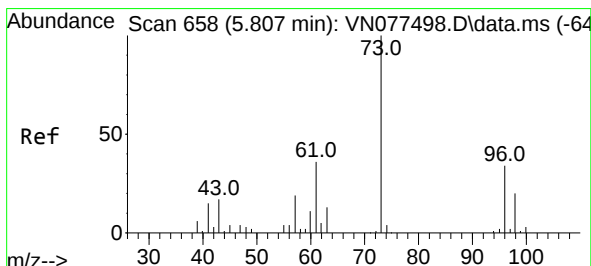
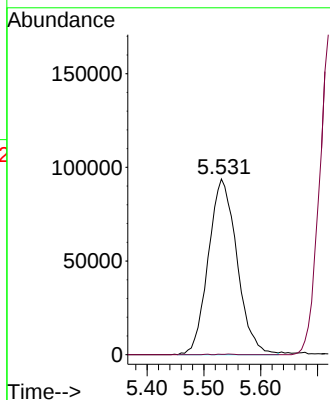
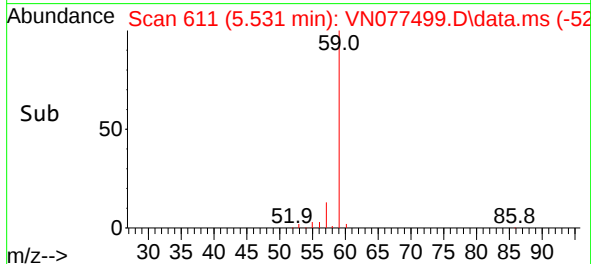
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



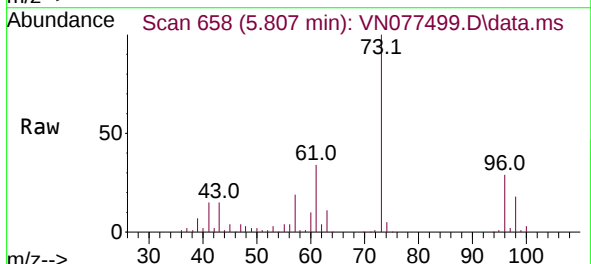
Tgt Ion: 59 Resp: 328660
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

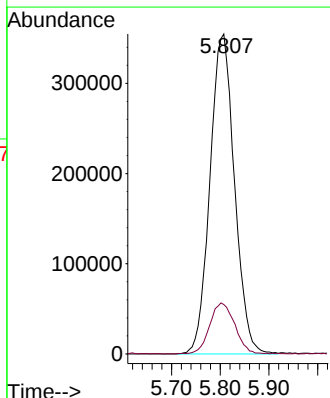
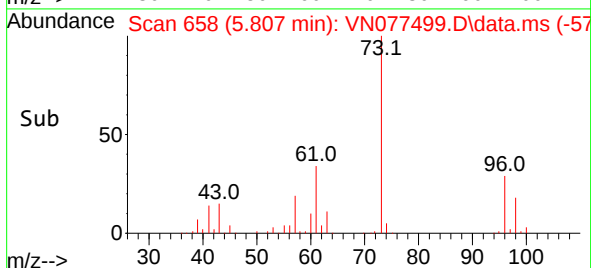
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

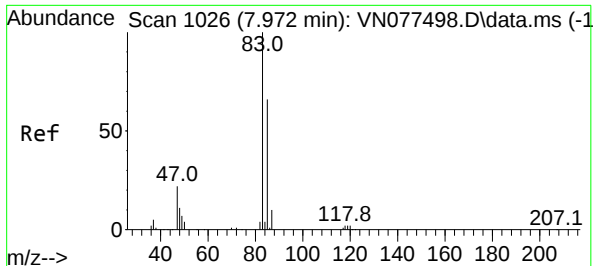


#24
Methyl tert-Butyl Ether
Concen: 45.287 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22



Tgt Ion: 73 Resp: 1240332
Ion Ratio Lower Upper
73 100
43 16.0 13.5 20.3





#25

Chloroform

Concen: 45.261 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN077499.D

Acq: 28 Apr 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 83 Resp: 768824

Ion Ratio Lower Upper

83 100

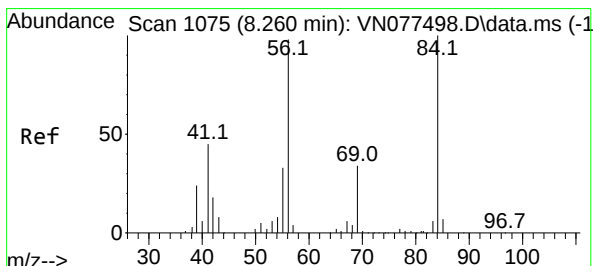
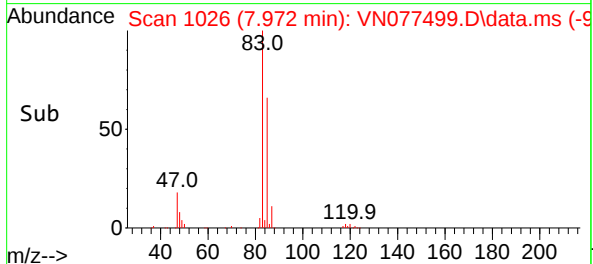
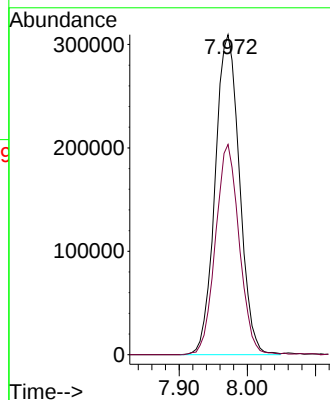
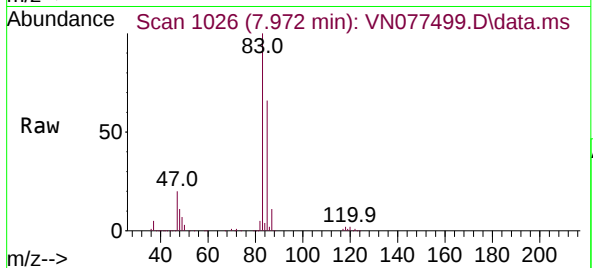
85 65.7 53.0 79.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#26

Cyclohexane

Concen: 44.976 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN077499.D

Acq: 28 Apr 2023 12:22

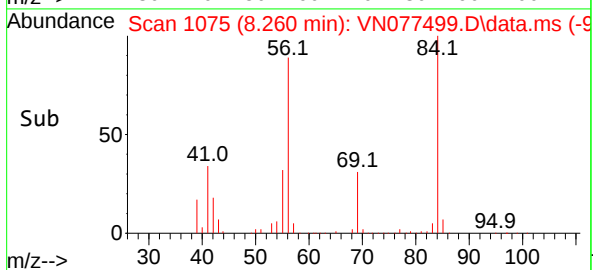
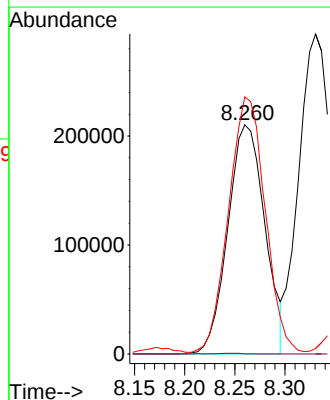
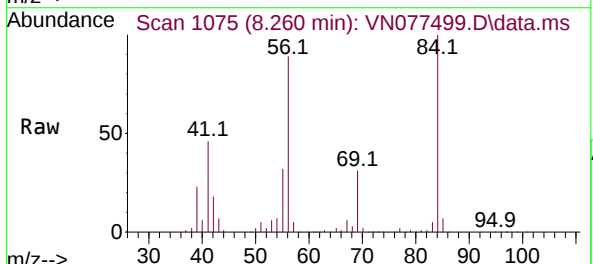
Tgt Ion: 56 Resp: 539751

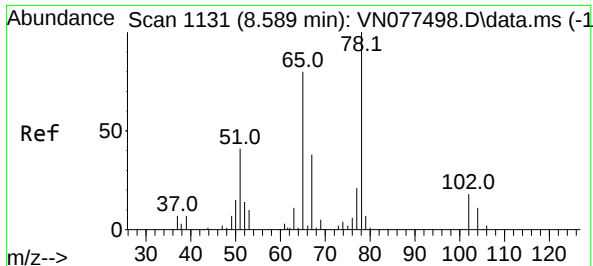
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

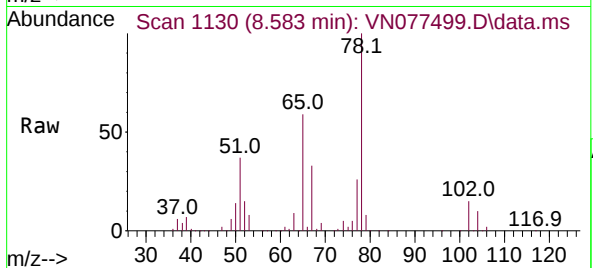
84 111.7 85.4 128.2





#27
1,2-Dichloroethane-d4
Concen: 28.039 ug/l
RT: 8.583 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

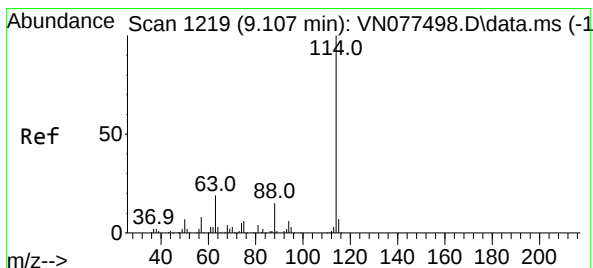
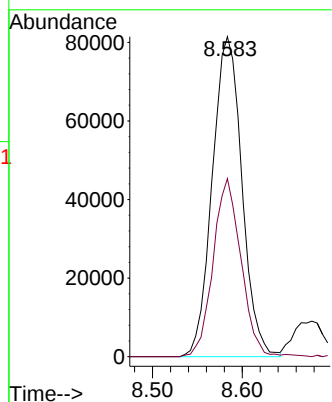
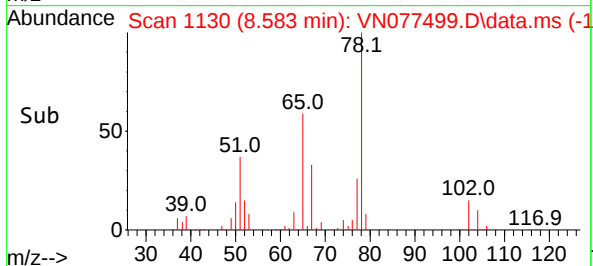
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 65 Resp: 186840
Ion Ratio Lower Upper
65 100
67 52.0 40.2 60.2

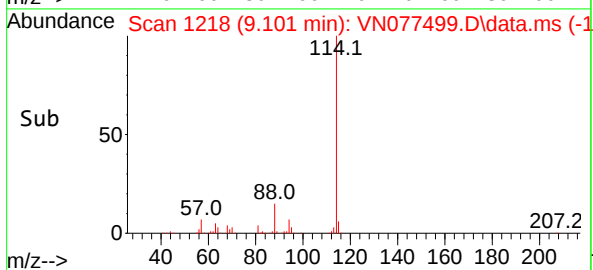
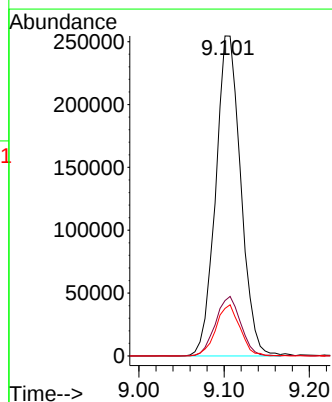
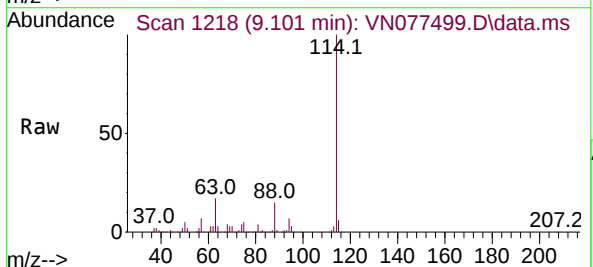
Manual Integrations
APPROVED

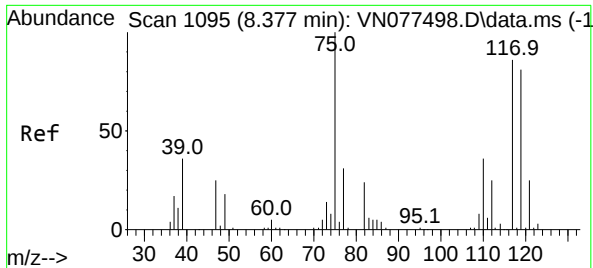
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.101 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

Tgt Ion:114 Resp: 520127
Ion Ratio Lower Upper
114 100
63 18.7 14.1 21.1
88 15.4 12.3 18.5





#29
1,1-Dichloropropene
Concen: 48.535 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

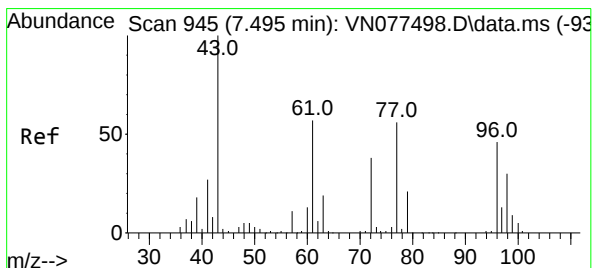
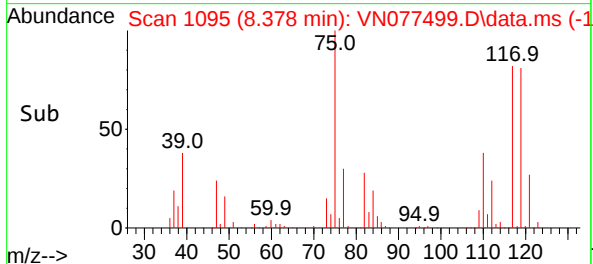
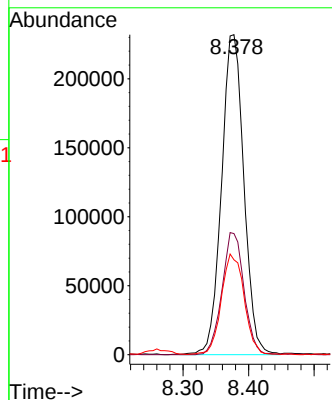
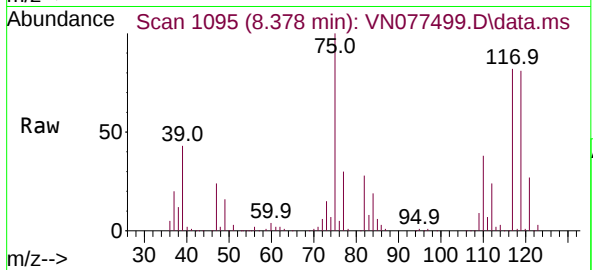
Tgt Ion: 75 Resp: 548300
Ion Ratio Lower Upper
75 100
110 37.4 0.0 74.0
77 32.1 0.0 62.8

Manual Integrations

APPROVED

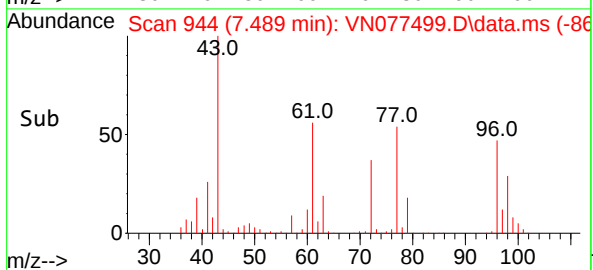
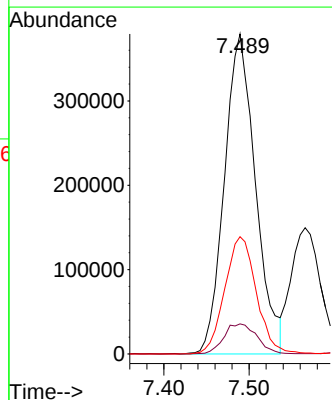
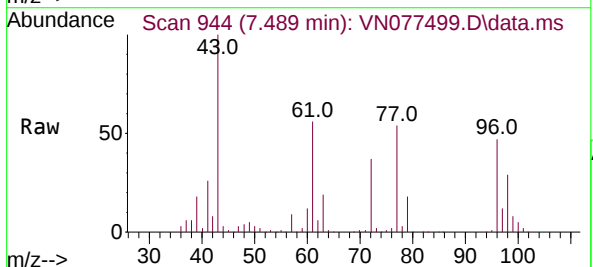
Reviewed By :John Carlone 04/29/2023

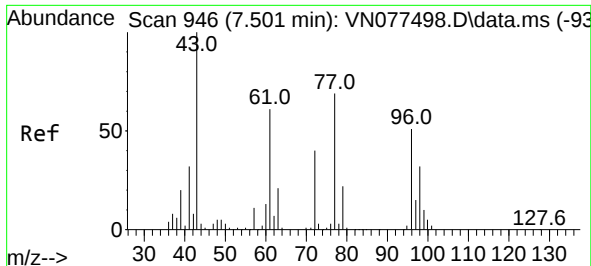
Supervised By :Semsettin Yesilyurt 04/29/2023



#30
2-Butanone
Concen: 236.538 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

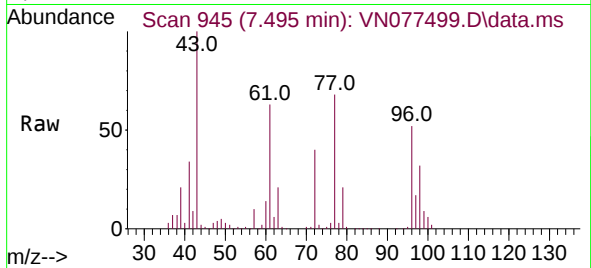
Tgt Ion: 43 Resp: 963949
Ion Ratio Lower Upper
43 100
57 10.1 8.0 12.0
72 37.3 30.4 45.6





#31
2,2-Dichloropropane
Concen: 48.499 ug/l
RT: 7.495 min Scan# 946
Delta R.T. -0.006 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

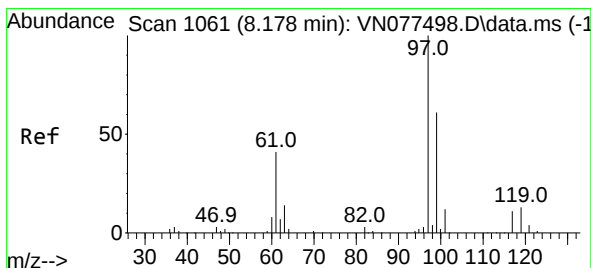
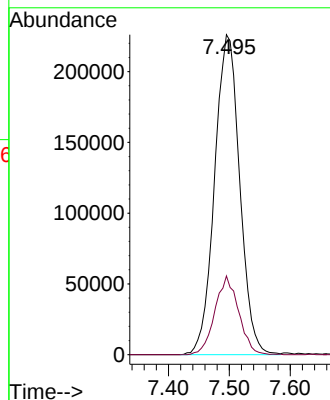
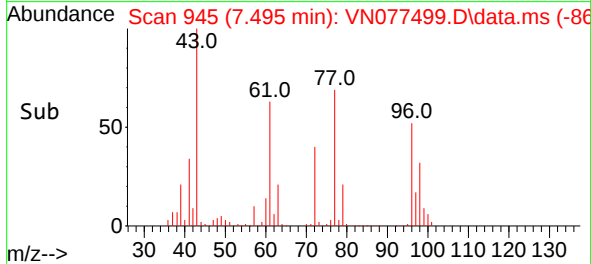
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



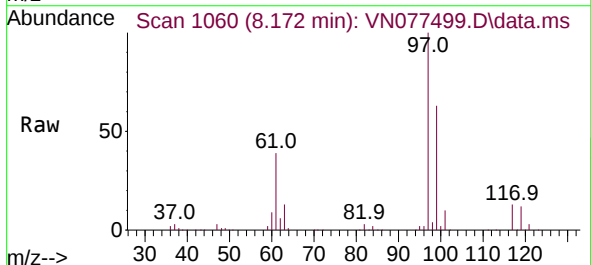
Tgt Ion: 77 Resp: 648139
Ion Ratio Lower Upper
77 100
97 23.1 18.1 27.1

Manual Integrations
APPROVED

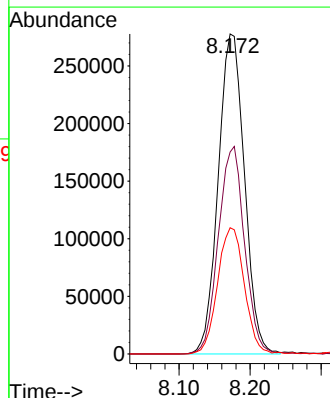
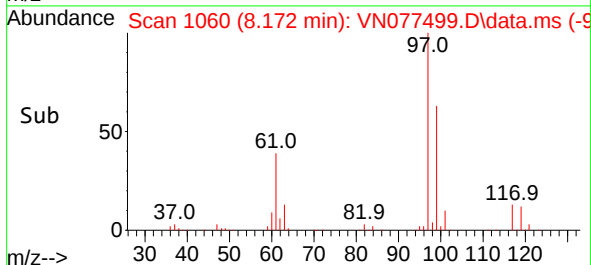
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

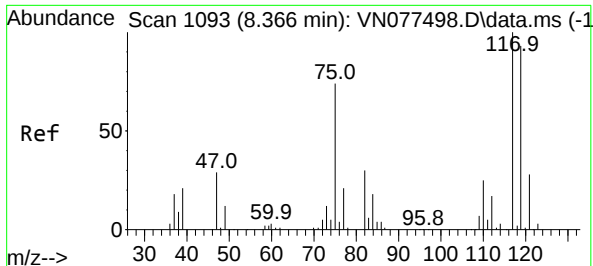


#32
1,1,1-Trichloroethane
Concen: 48.703 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22



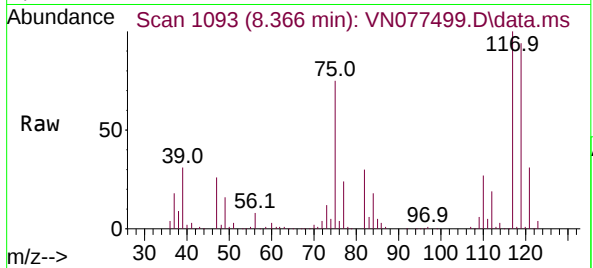
Tgt Ion: 97 Resp: 712476
Ion Ratio Lower Upper
97 100
99 64.6 50.1 75.1
61 40.1 31.1 46.7





#33
Carbon Tetrachloride
Concen: 49.032 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

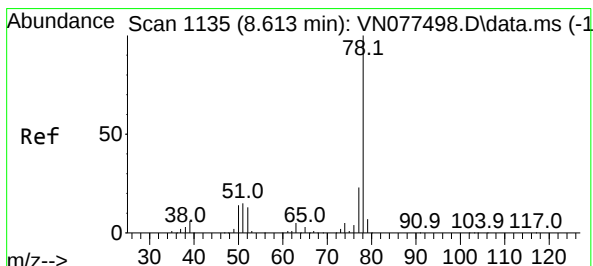
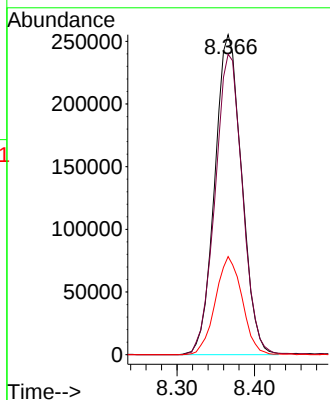
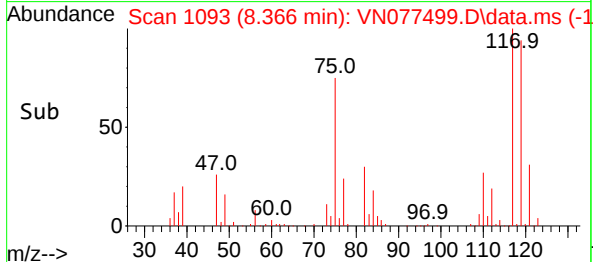
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:117 Resp: 61843
Ion Ratio Lower Upper
117 100
119 93.9 72.6 109.0
121 30.7 24.3 36.5

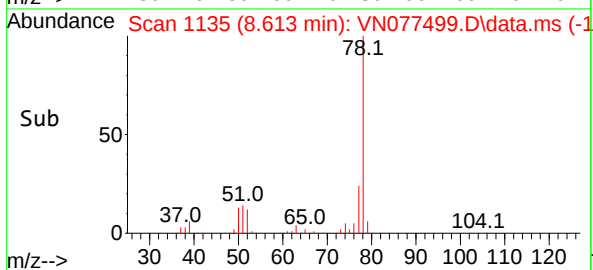
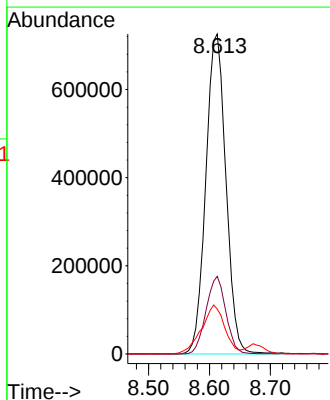
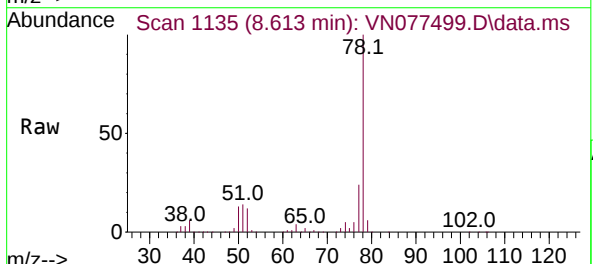
Manual Integrations
APPROVED

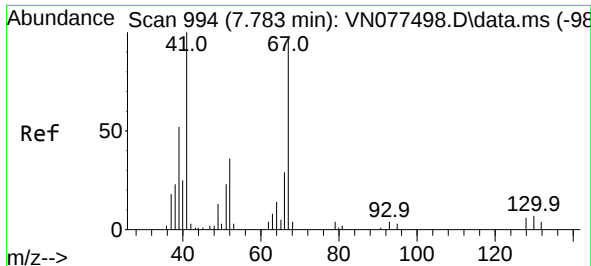
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#34
Benzene
Concen: 48.173 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

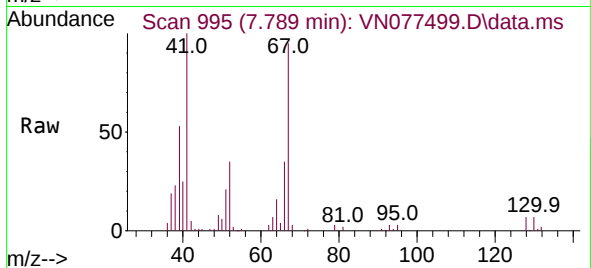
Tgt Ion: 78 Resp: 1663190
Ion Ratio Lower Upper
78 100
77 24.3 17.1 25.7
51 13.9 11.3 16.9





#35
Methacrylonitrile
Concen: 46.481 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

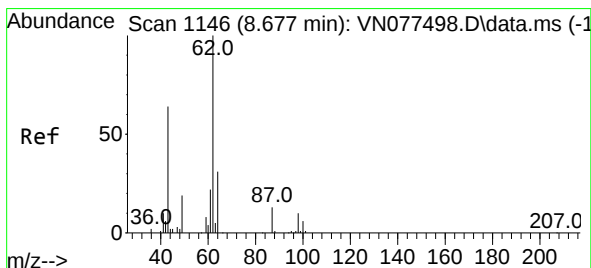
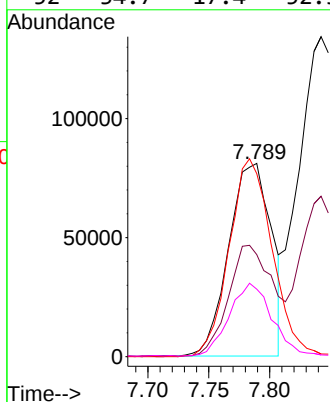
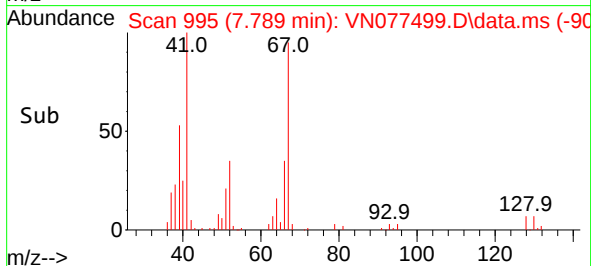
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 41 Resp: 197050
Ion Ratio Lower Upper
41 100
39 53.0 25.9 77.8
67 95.0 48.1 144.4
52 34.7 17.4 52.3

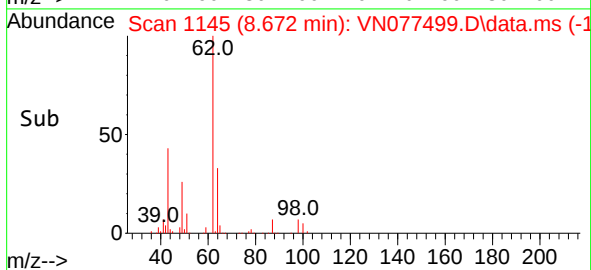
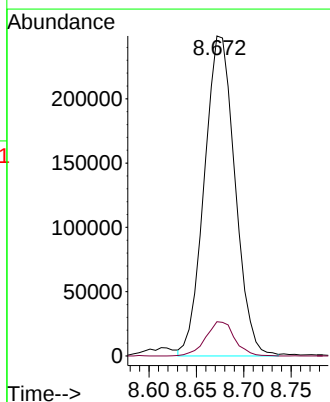
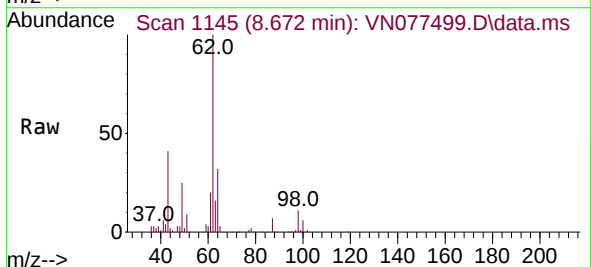
Manual Integrations
APPROVED

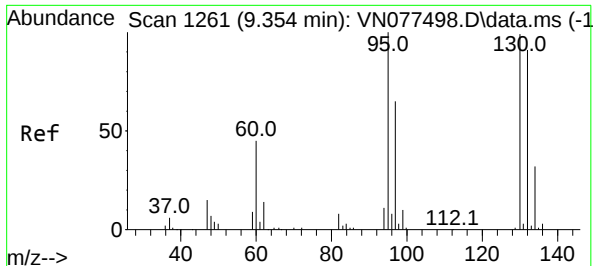
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#36
1,2-Dichloroethane
Concen: 47.511 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

Tgt Ion: 62 Resp: 560773
Ion Ratio Lower Upper
62 100
98 10.1 8.0 12.0





#37

Trichloroethene

Concen: 47.689 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VN077499.D

Acq: 28 Apr 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion:130 Resp: 42211

Ion Ratio Lower Upper

130 100

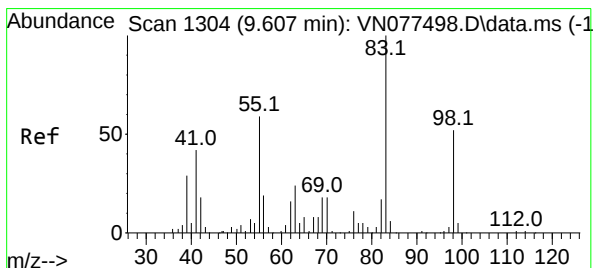
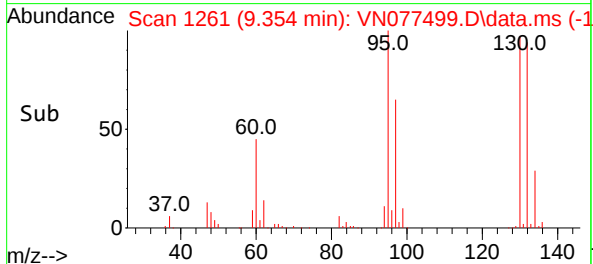
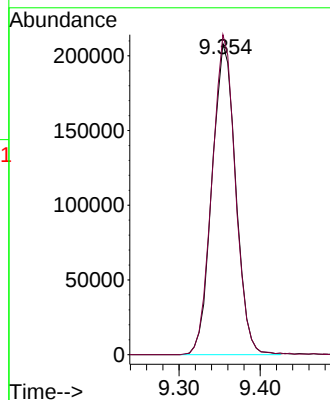
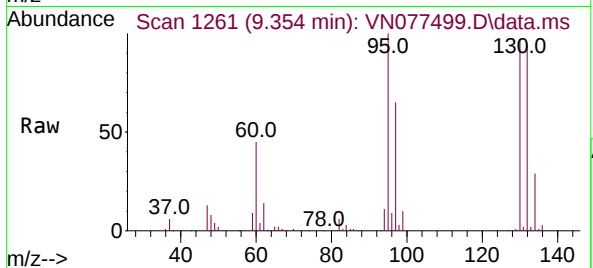
95 102.9 87.1 130.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#38

Methylcyclohexane

Concen: 49.297 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN077499.D

Acq: 28 Apr 2023 12:22

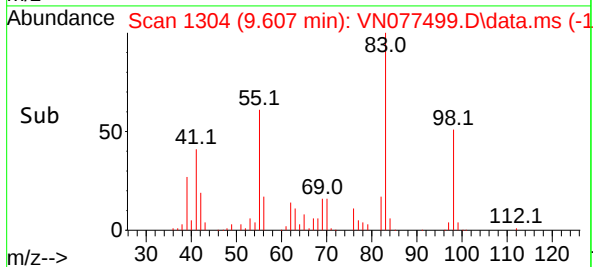
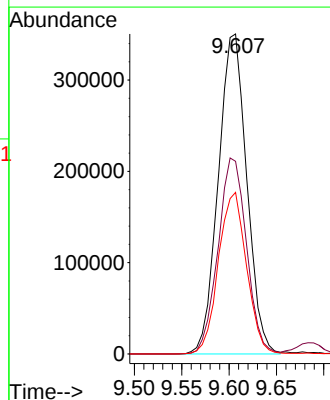
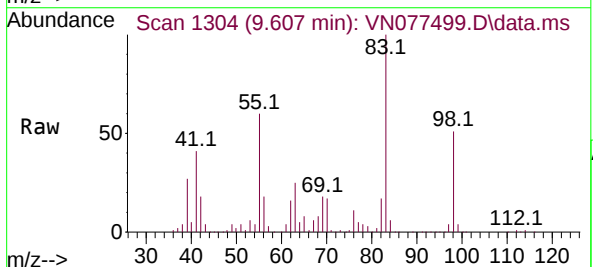
Tgt Ion: 83 Resp: 733012

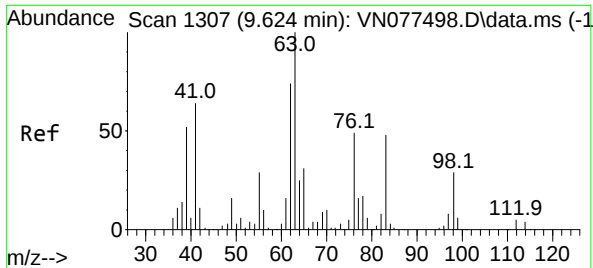
Ion Ratio Lower Upper

83 100

55 61.3 29.6 88.9

98 50.0 25.1 75.3





#39

1,2-Dichloropropane

Concen: 47.696 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077499.D

Acq: 28 Apr 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 38031

Ion Ratio Lower Upper

63 100

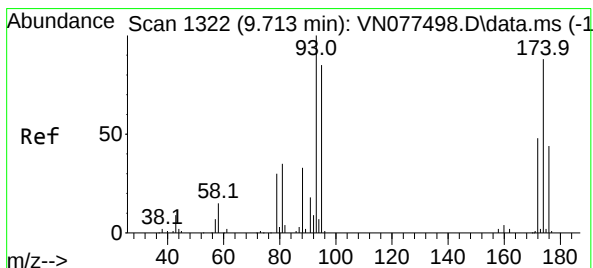
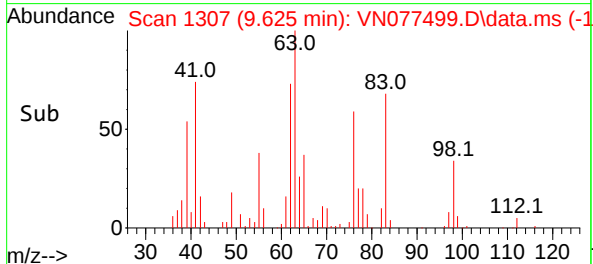
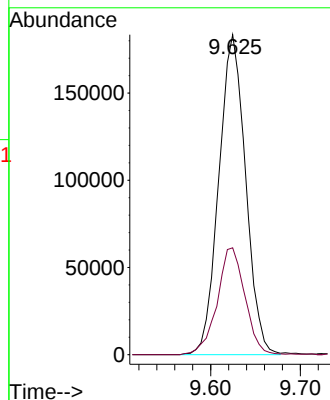
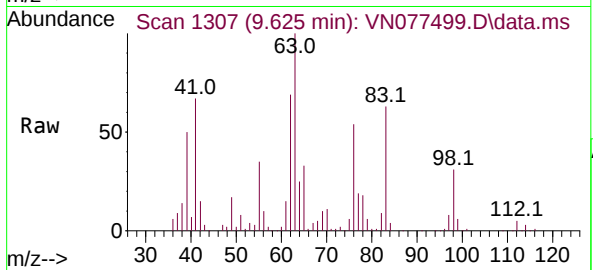
65 33.4 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#40

Dibromomethane

Concen: 47.809 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077499.D

Acq: 28 Apr 2023 12:22

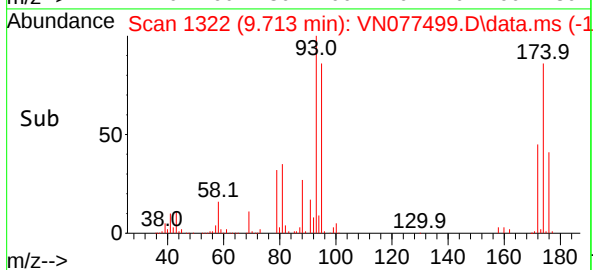
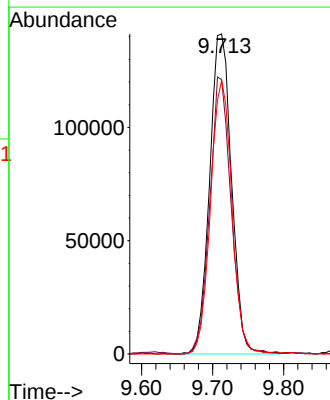
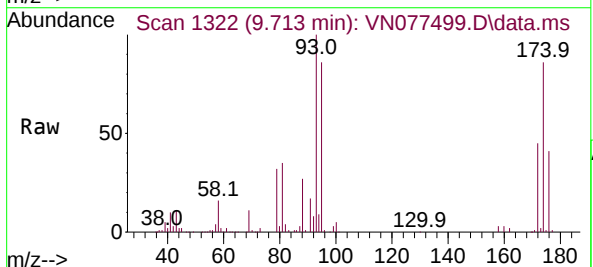
Tgt Ion: 93 Resp: 303012

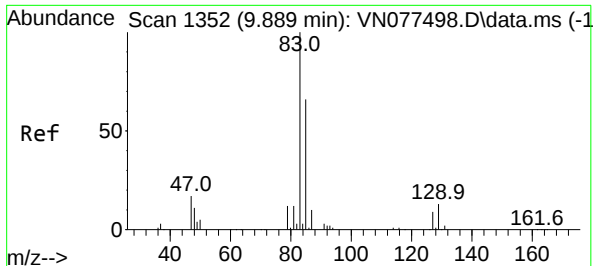
Ion Ratio Lower Upper

93 100

95 83.8 0.0 171.0

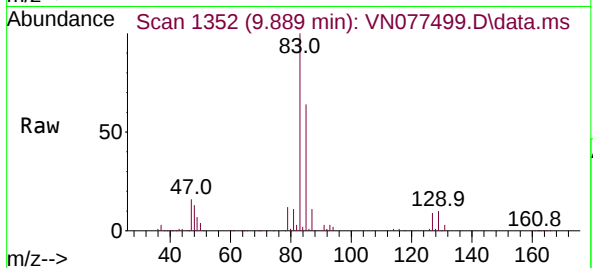
174 82.9 0.0 164.2





#41
Bromodichloromethane
Concen: 49.486 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

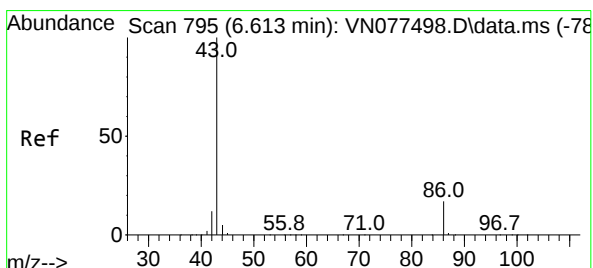
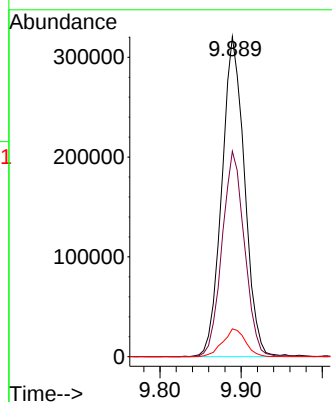
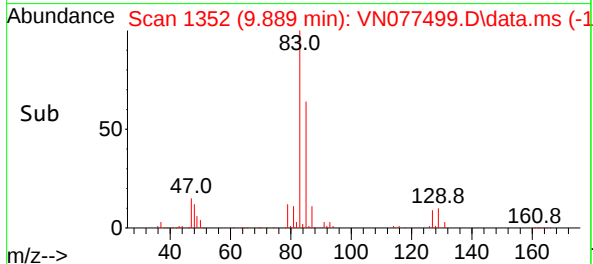
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



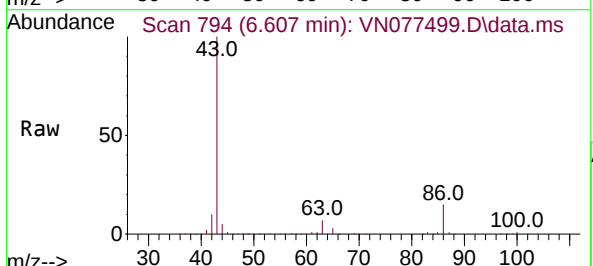
Tgt Ion: 83 Resp: 62244
Ion Ratio Lower Upper
83 100
85 64.2 49.2 73.8
127 8.7 6.1 9.1

Manual Integrations
APPROVED

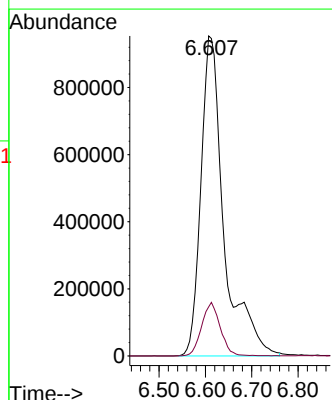
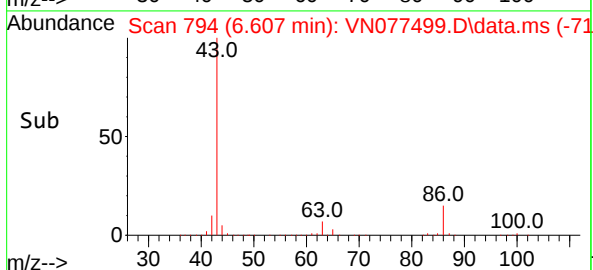
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

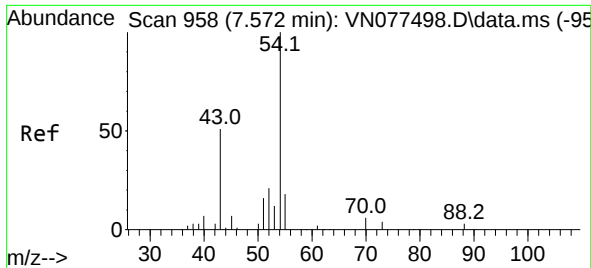


#42
Vinyl Acetate
Concen: 280.441 ug/l m
RT: 6.607 min Scan# 794
Delta R.T. -0.006 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22



Tgt Ion: 43 Resp: 3299059
Ion Ratio Lower Upper
43 100
86 13.5 12.6 18.8





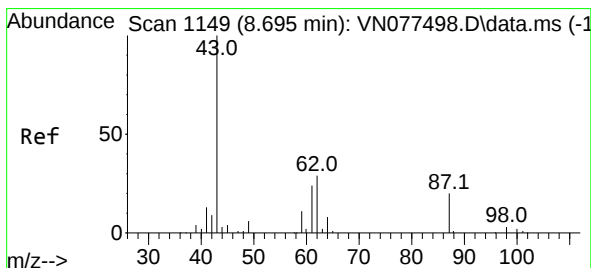
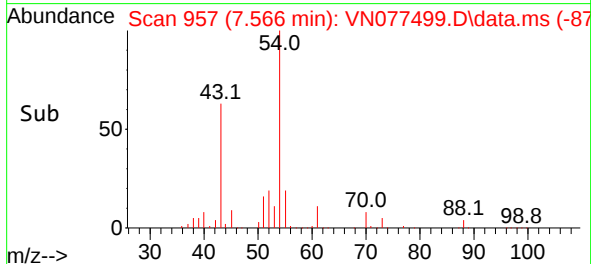
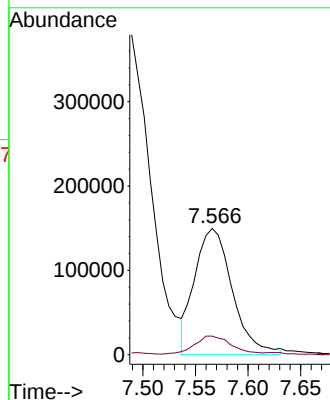
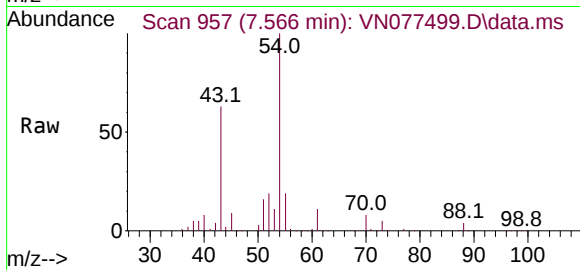
#43
Ethyl Acetate
Concen: 45.966 ug/l m
RT: 7.566 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 43 Resp: 372923
Ion Ratio Lower Upper
43 100
45 2.2 4.8 7.2

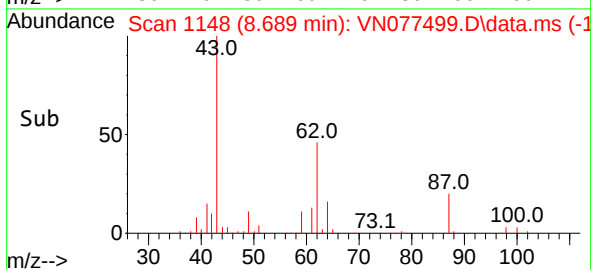
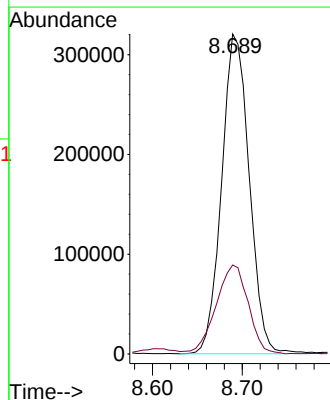
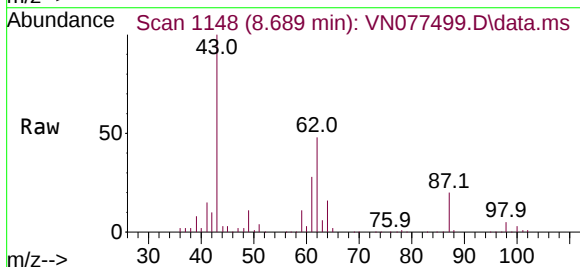
Manual Integrations
APPROVED

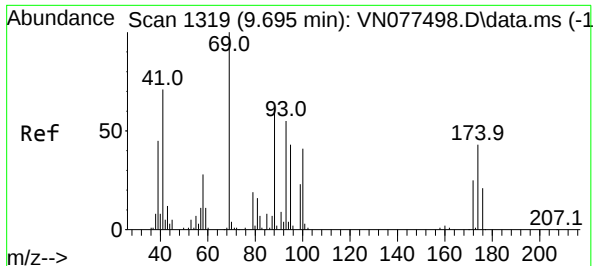
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#44
Isopropyl Acetate
Concen: 47.975 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

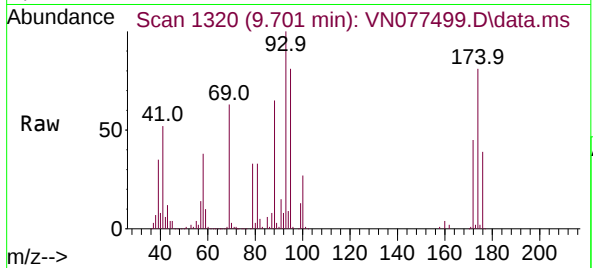
Tgt Ion: 43 Resp: 682056
Ion Ratio Lower Upper
43 100
61 32.5 27.2 40.8





#45
1,4-Dioxane
Concen: 934.734 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

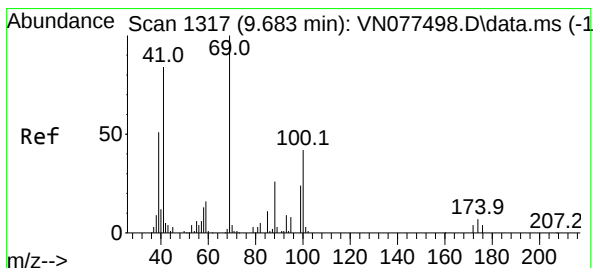
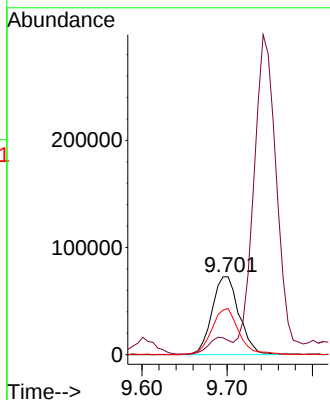
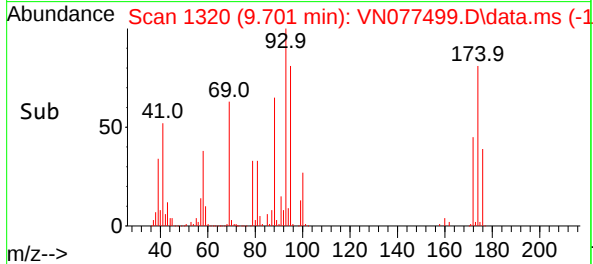
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



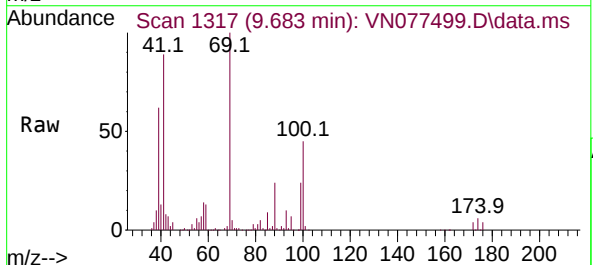
Tgt Ion: 88 Resp: 16102
Ion Ratio Lower Upper
88 100
43 17.9 16.6 24.8
58 59.3 47.3 70.9

Manual Integrations
APPROVED

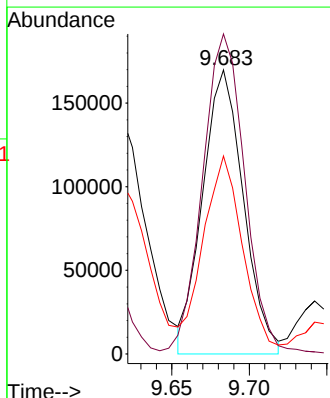
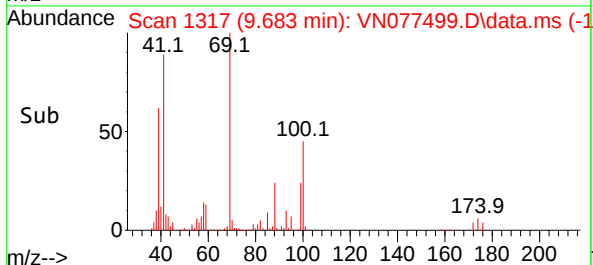
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

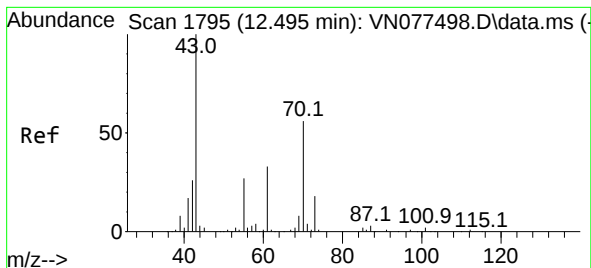


#46
Methyl methacrylate
Concen: 48.337 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22



Tgt Ion: 41 Resp: 311210
Ion Ratio Lower Upper
41 100
69 114.9 59.2 177.6
39 69.7 33.4 100.1





#47

n-amy1 Acetate

Concen: 51.066 ug/l

RT: 12.495 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077499.D

Acq: 28 Apr 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 43 Resp: 590128

Ion Ratio Lower Upper

43 100

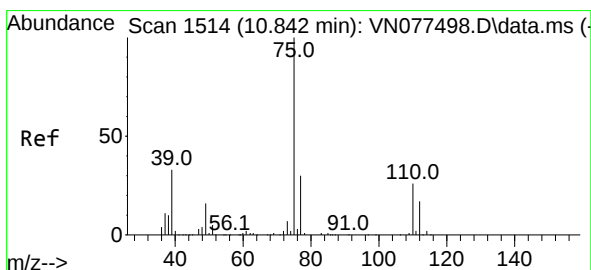
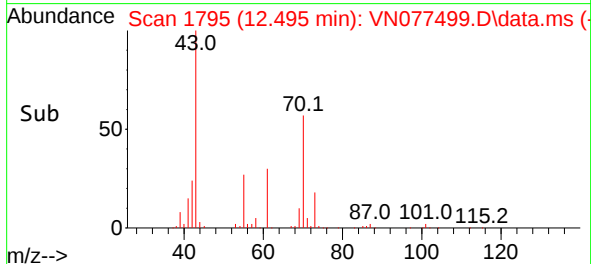
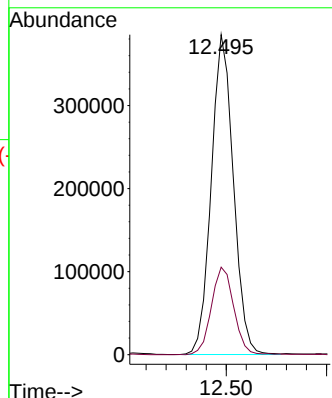
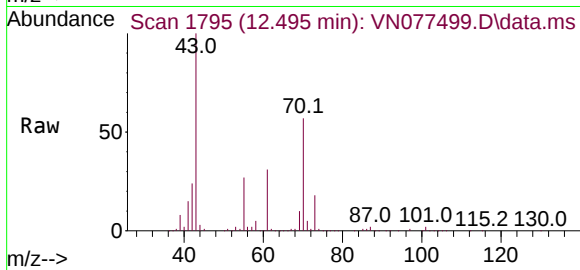
55 27.7 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#48

t-1,3-Dichloropropene

Concen: 50.812 ug/l

RT: 10.836 min Scan# 1513

Delta R.T. -0.006 min

Lab File: VN077499.D

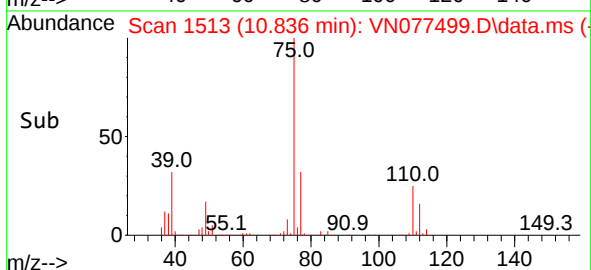
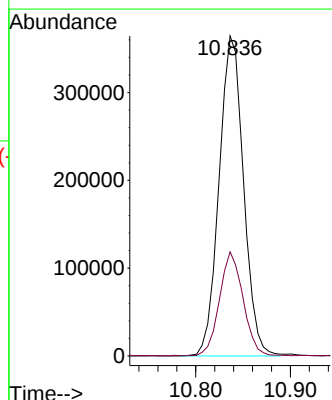
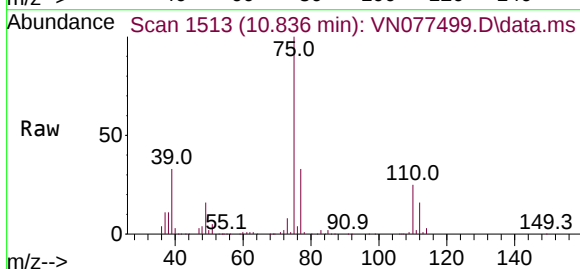
Acq: 28 Apr 2023 12:22

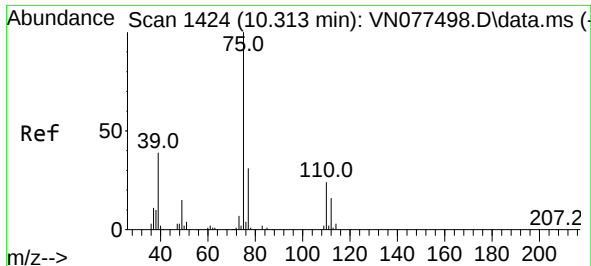
Tgt Ion: 75 Resp: 654118

Ion Ratio Lower Upper

75 100

77 32.5 23.9 35.9





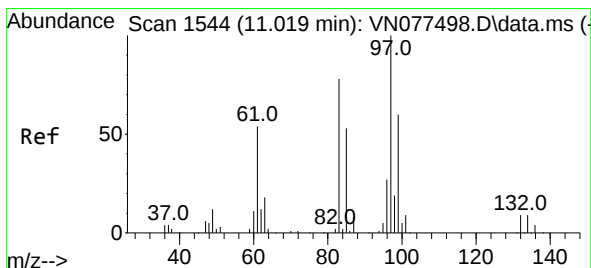
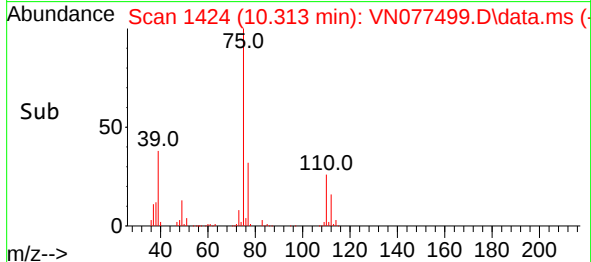
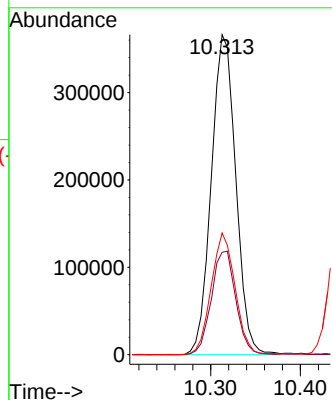
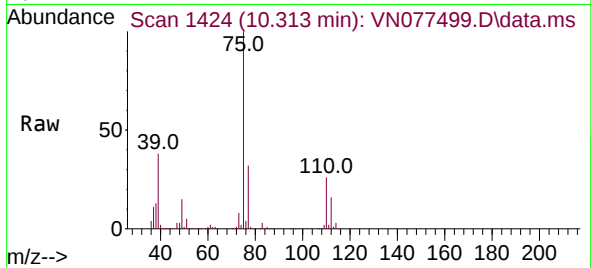
#49
 cis-1,3-Dichloropropene
 Concen: 49.887 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VN077499.D
 Acq: 28 Apr 2023 12:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion: 75 Resp: 69441
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.8 38.8
 39 38.0 28.5 42.7

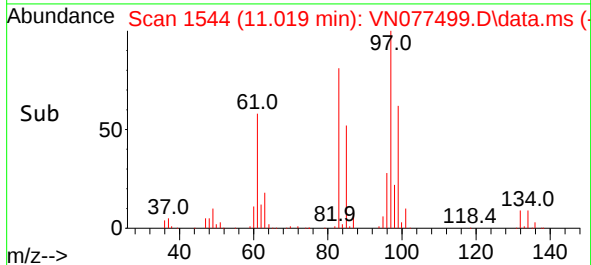
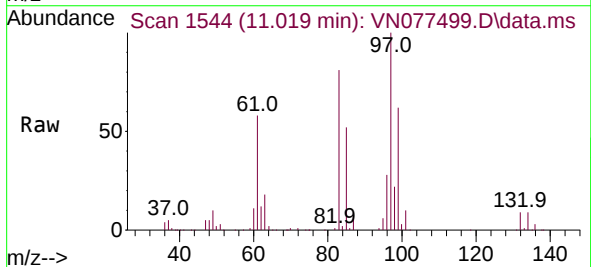
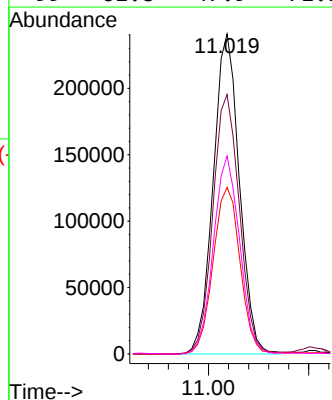
Manual Integrations
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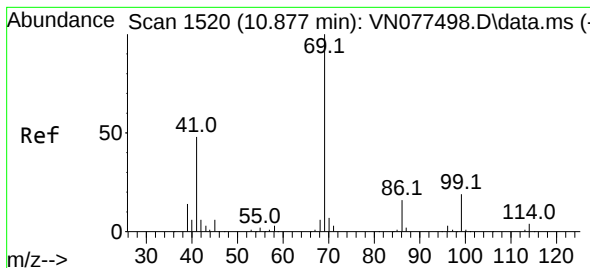
Reviewed By :John Carlone 04/29/2023
 Supervised By :Semsettin Yesilyurt 04/29/2023



#50
 1,1,2-Trichloroethane
 Concen: 48.198 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. 0.000 min
 Lab File: VN077499.D
 Acq: 28 Apr 2023 12:22

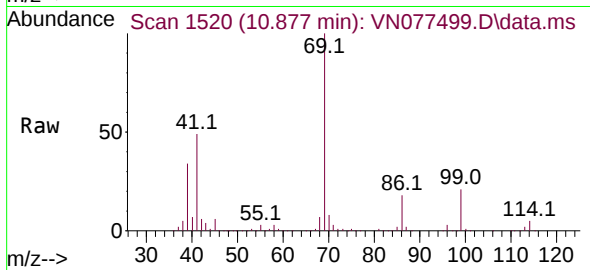
Tgt Ion: 97 Resp: 436615
 Ion Ratio Lower Upper
 97 100
 83 80.9 67.0 100.6
 85 52.1 41.6 62.4
 99 61.8 47.9 71.9





#51
Ethyl methacrylate
Concen: 49.814 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

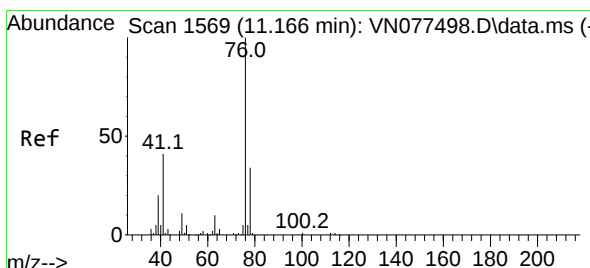
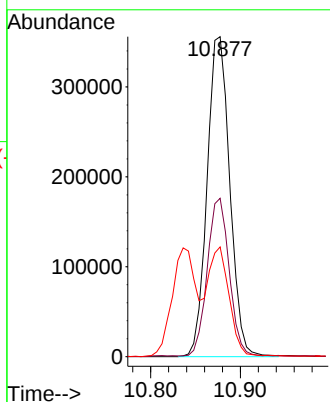
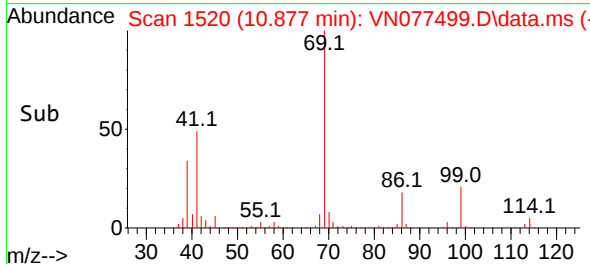
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



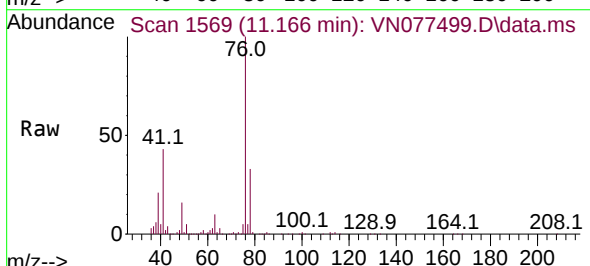
Tgt Ion: 69 Resp: 62598
Ion Ratio Lower Upper
69 100
41 49.2 22.5 67.5
39 34.1 16.2 48.5

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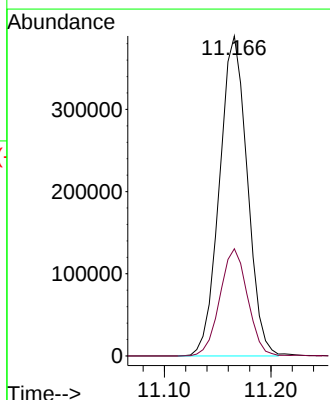
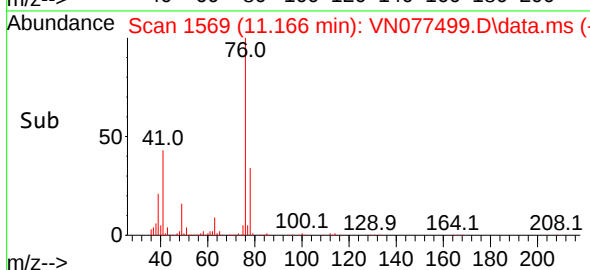
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

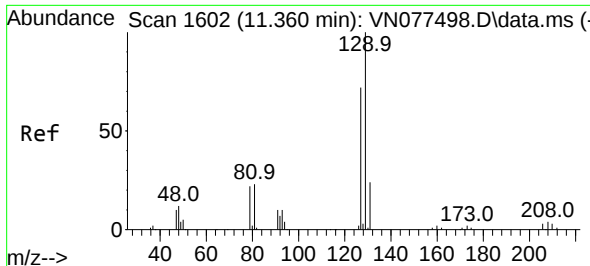


#52
1,3-Dichloropropane
Concen: 48.084 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22



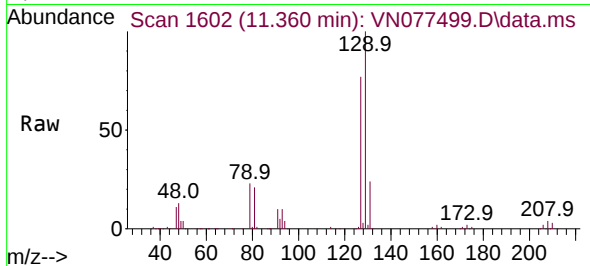
Tgt Ion: 76 Resp: 704969
Ion Ratio Lower Upper
76 100
78 33.3 0.0 64.4





#53
Dibromochloromethane
Concen: 50.156 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

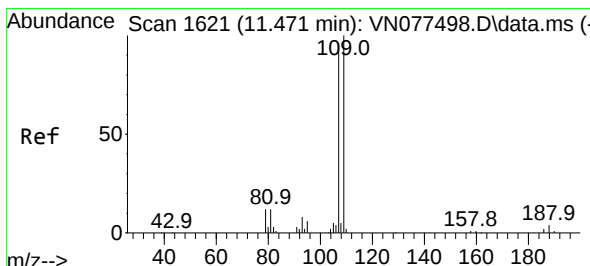
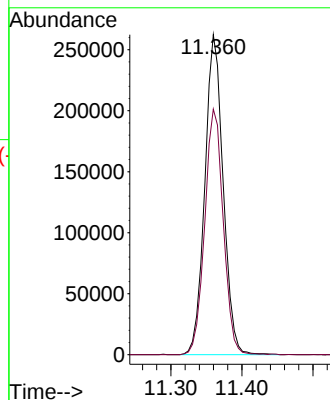
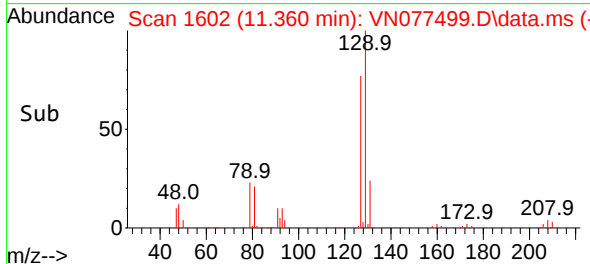
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



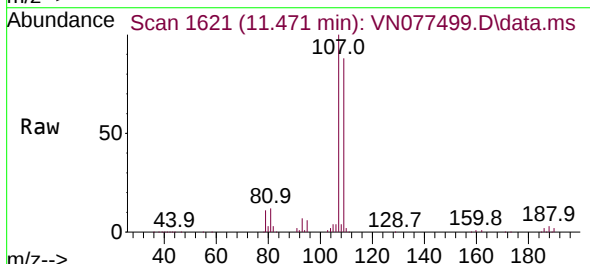
Tgt Ion:129 Resp: 470514
Ion Ratio Lower Upper
129 100
127 77.6 38.2 114.6

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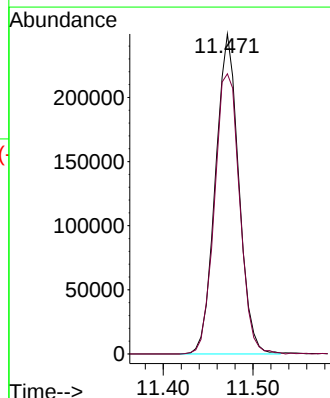
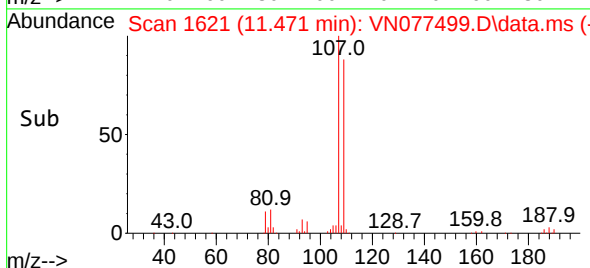
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

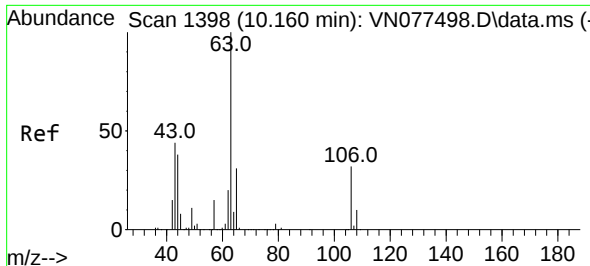


#54
1,2-Dibromoethane
Concen: 49.017 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22



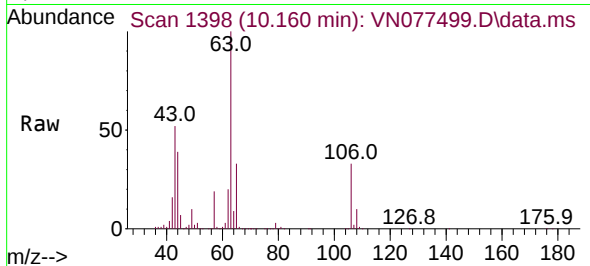
Tgt Ion:107 Resp: 450141
Ion Ratio Lower Upper
107 100
109 94.2 73.8 110.6





#55
2-Chloroethyl vinyl ether
Concen: 266.615 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

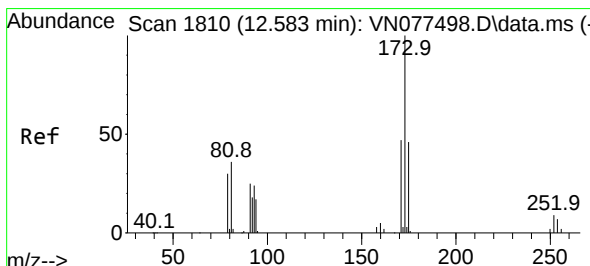
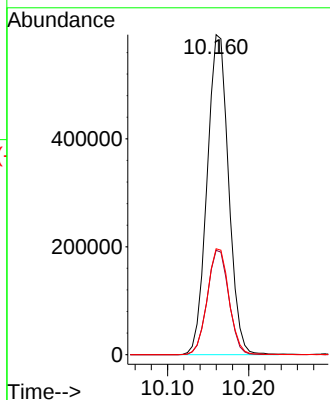
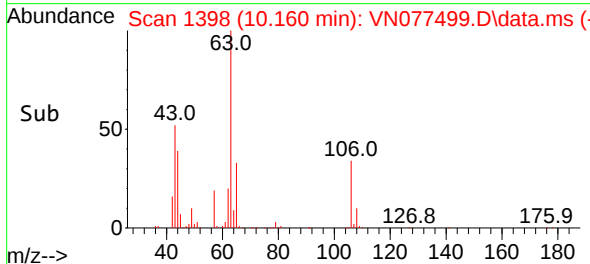
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 63 Resp: 108969
Ion Ratio Lower Upper
63 100
65 32.7 25.8 38.6
106 33.5 26.2 39.2

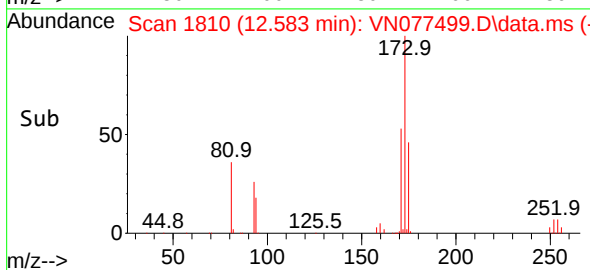
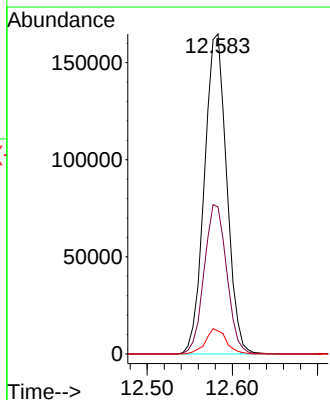
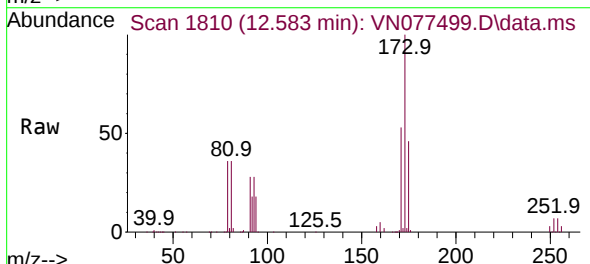
Manual Integrations
APPROVED

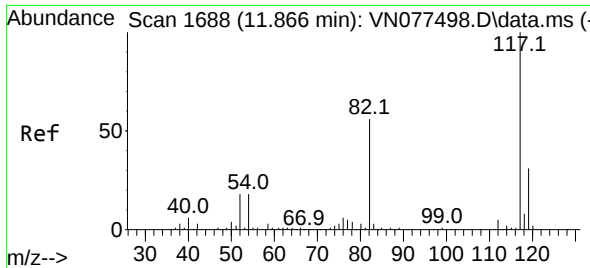
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#56
Bromoform
Concen: 51.117 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

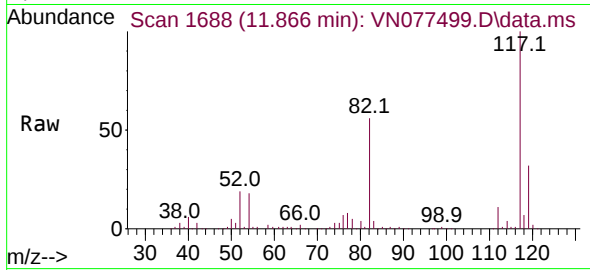
Tgt Ion:173 Resp: 299731
Ion Ratio Lower Upper
173 100
175 47.3 40.3 60.5
254 7.3 5.0 7.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

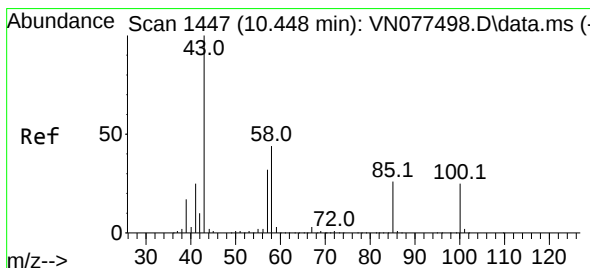
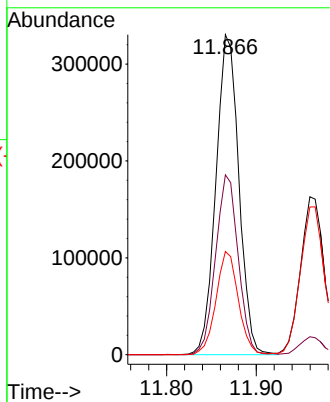
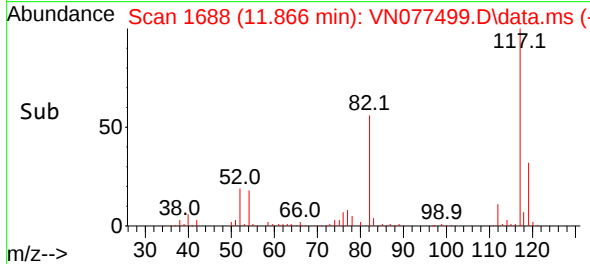
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:117 Resp: 58765
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 31.4 25.4 38.2

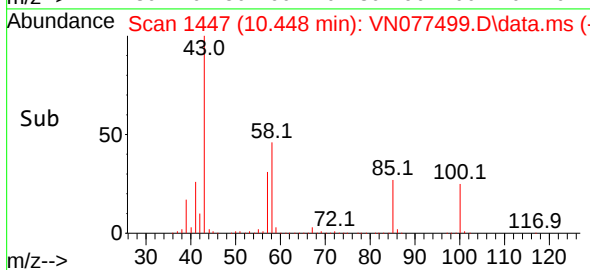
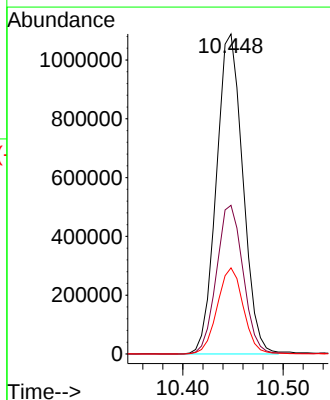
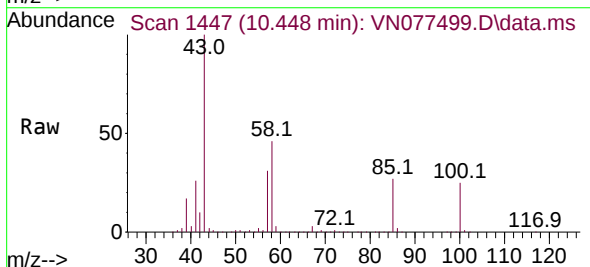
Manual Integrations
APPROVED

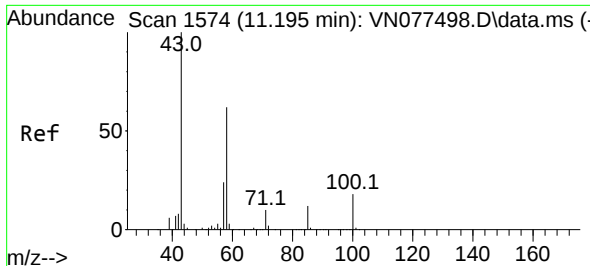
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#58
4-Methyl-2-Pentanone
Concen: 227.602 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

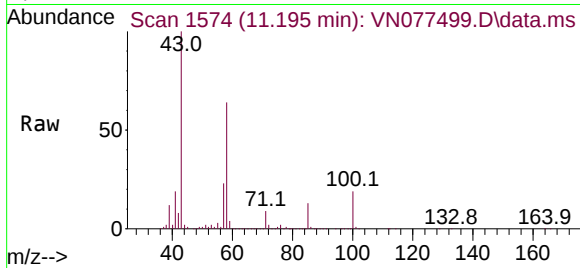
Tgt Ion: 43 Resp: 1997806
Ion Ratio Lower Upper
43 100
58 46.7 37.2 55.8
85 26.5 21.1 31.7





#59
2-Hexanone
Concen: 227.101 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

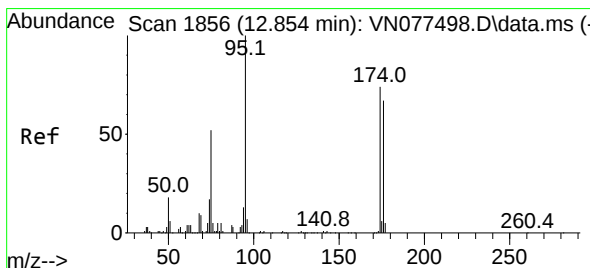
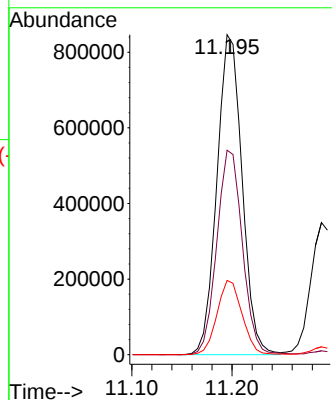
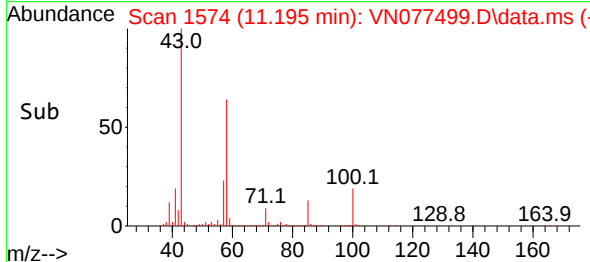
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 147518
Ion Ratio Lower Upper
43 100
58 64.9 51.8 77.8
57 23.1 18.2 27.4

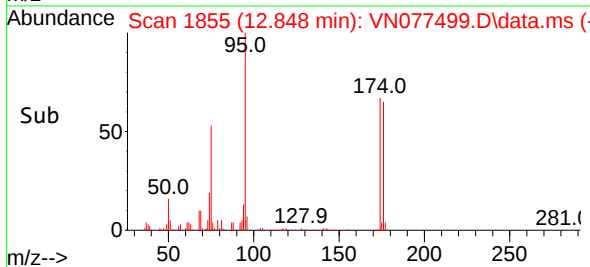
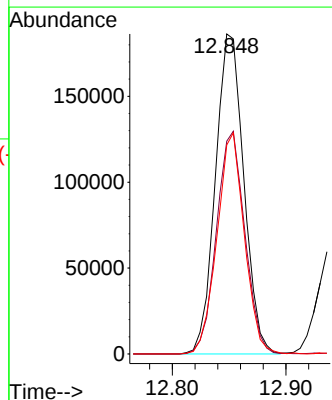
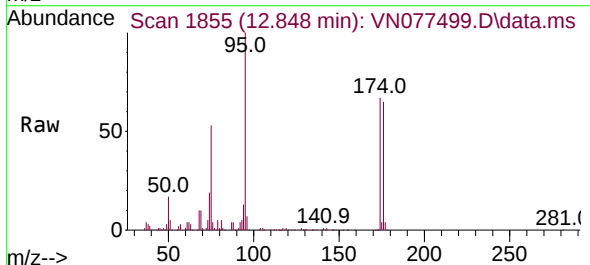
Manual Integrations
APPROVED

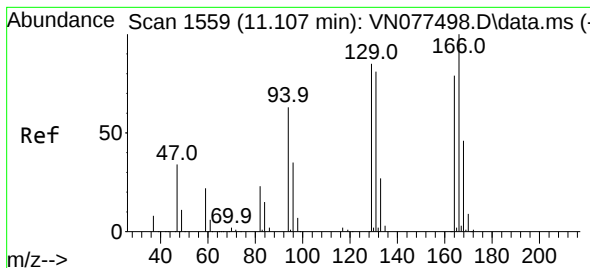
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#60
4-Bromofluorobenzene
Concen: 31.168 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

Tgt Ion: 95 Resp: 323407
Ion Ratio Lower Upper
95 100
174 69.5 55.9 83.9
176 66.4 53.9 80.9





#61

Tetrachloroethene

Concen: 45.800 ug/l

RT: 11.107 min Scan# 1559

Delta R.T. 0.000 min

Lab File: VN077499.D

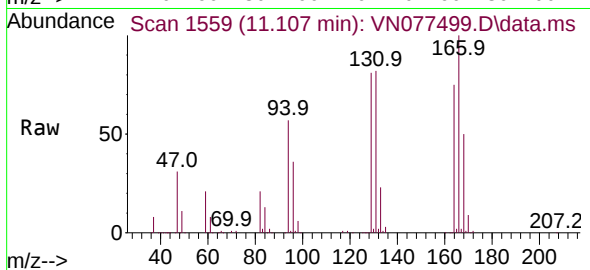
Acq: 28 Apr 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050



Tgt Ion:164 Resp: 330462

Ion Ratio Lower Upper

164 100

166 133.4 94.5 141.7

129 107.4 80.2 120.2

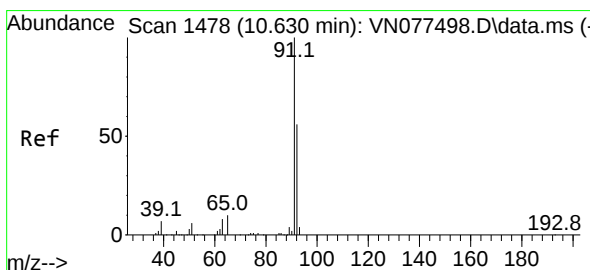
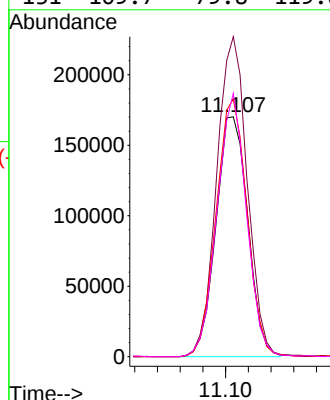
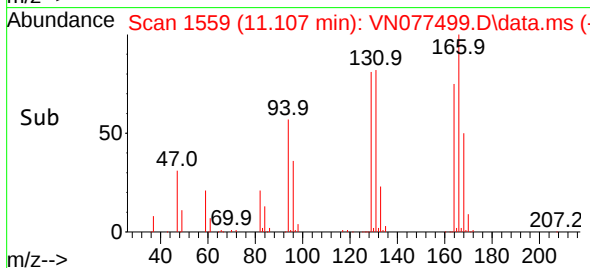
131 109.7 79.8 119.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#62

Toluene

Concen: 46.787 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VN077499.D

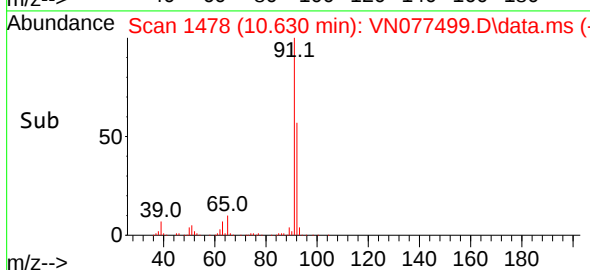
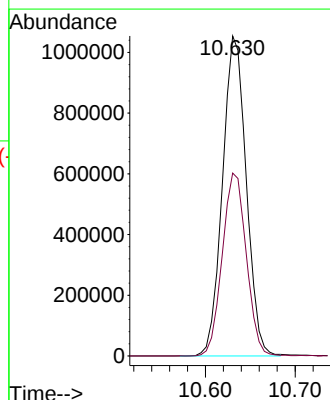
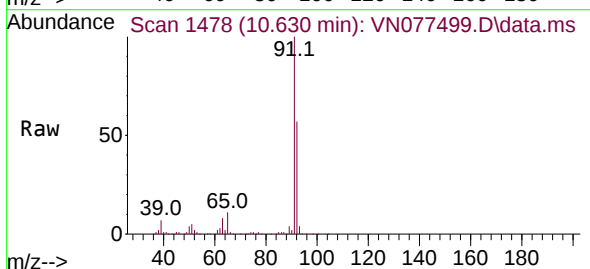
Acq: 28 Apr 2023 12:22

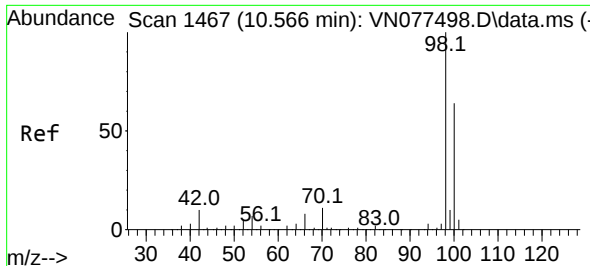
Tgt Ion: 91 Resp: 1936088

Ion Ratio Lower Upper

91 100

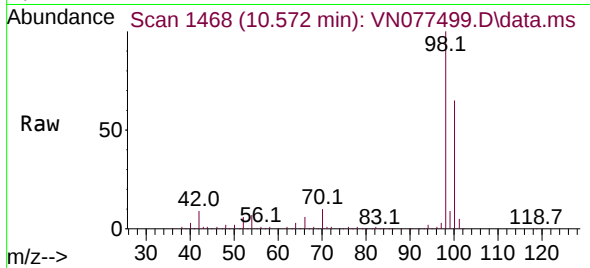
92 57.9 46.1 69.1





#63
Toluene-d8
Concen: 29.981 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

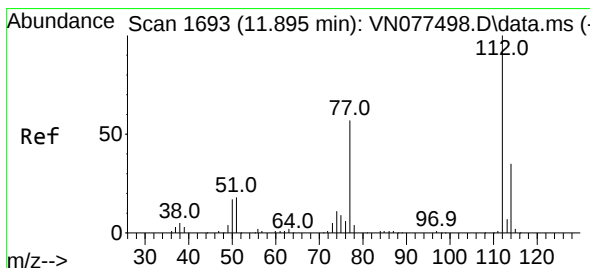
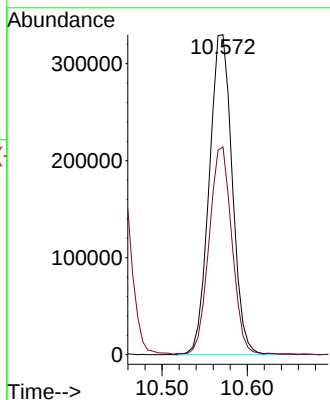
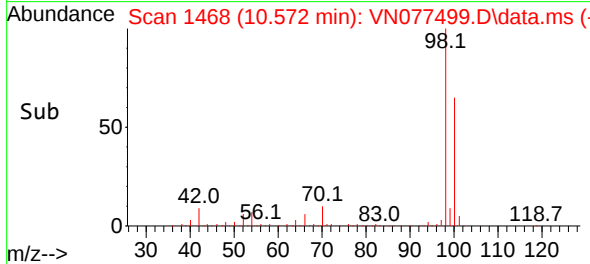
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 98 Resp: 619864
Ion Ratio Lower Upper
98 100
100 64.3 51.0 76.4

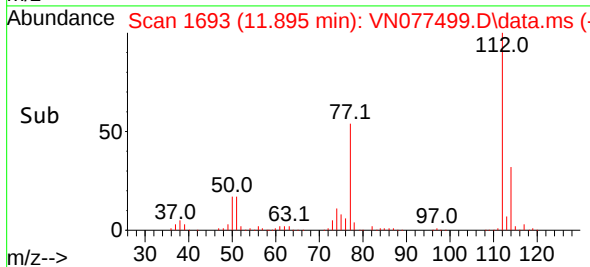
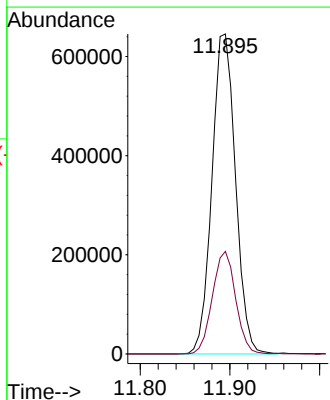
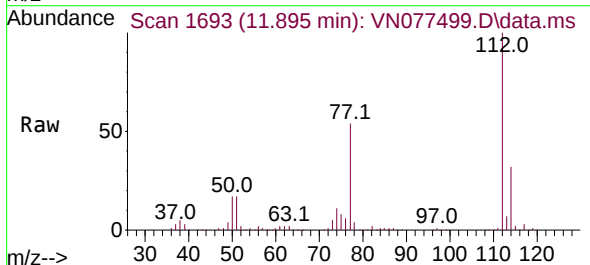
Manual Integrations
APPROVED

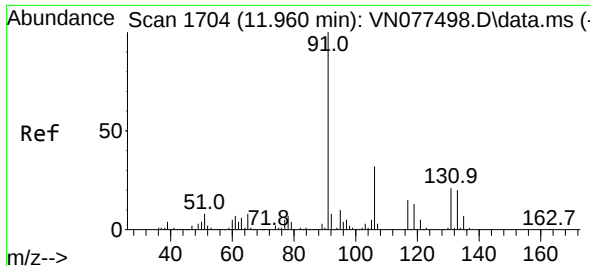
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#64
Chlorobenzene
Concen: 46.863 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

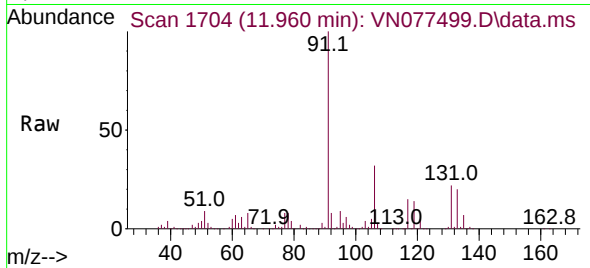
Tgt Ion:112 Resp: 1176916
Ion Ratio Lower Upper
112 100
114 32.0 23.9 35.9





#65
1,1,1,2-Tetrachloroethane
Concen: 47.650 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

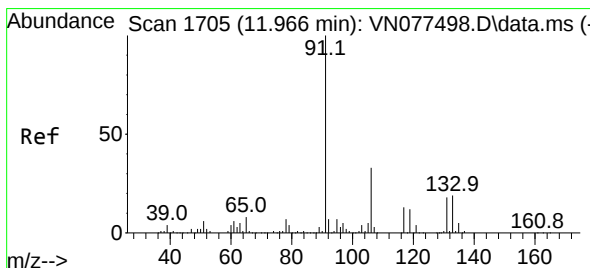
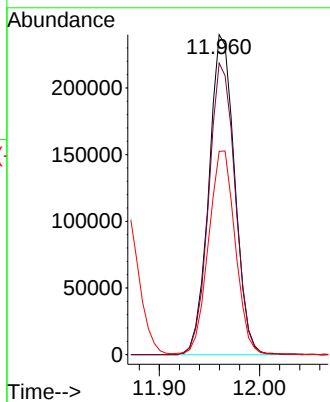
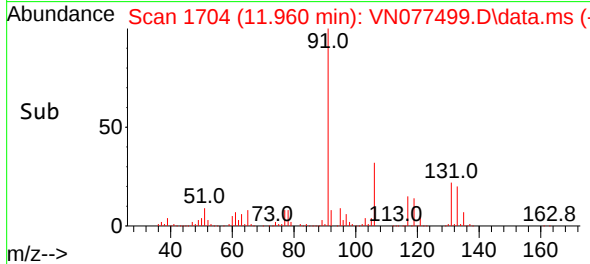
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:131 Resp: 429115
Ion Ratio Lower Upper
131 100
133 93.1 0.0 191.4
119 66.1 0.0 137.2

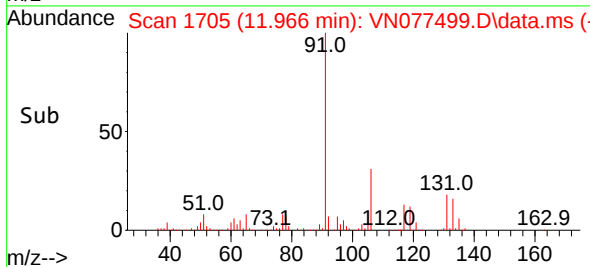
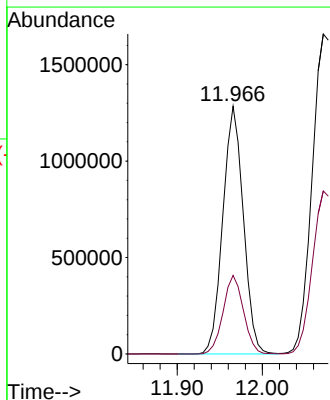
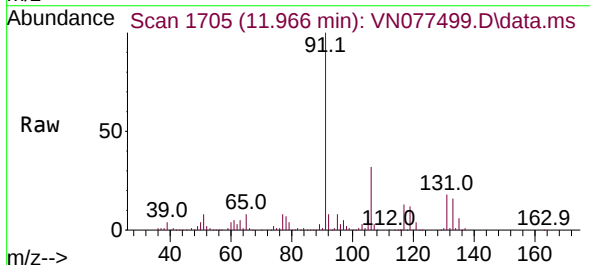
Manual Integrations
APPROVED

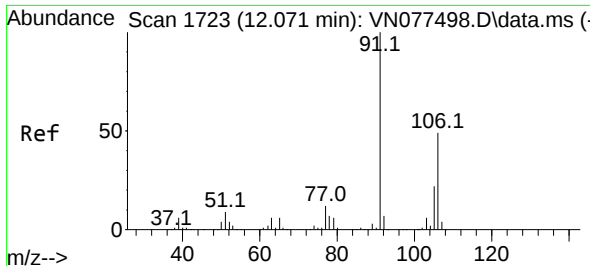
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#66
Ethyl Benzene
Concen: 47.580 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

Tgt Ion: 91 Resp: 2150088
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3





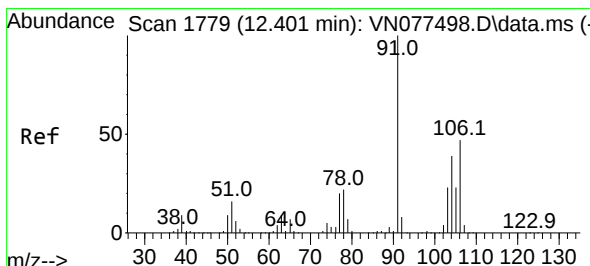
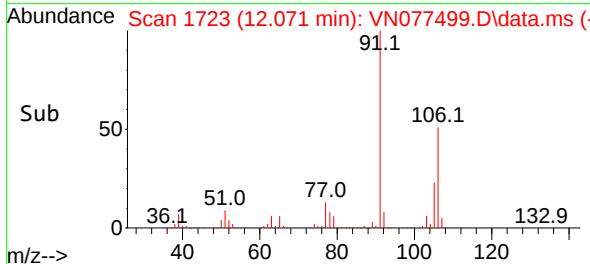
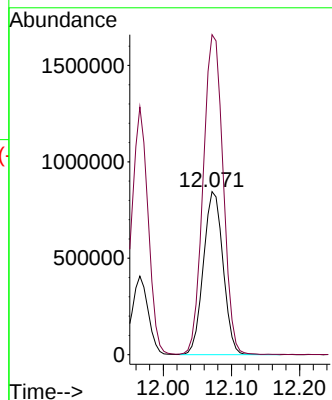
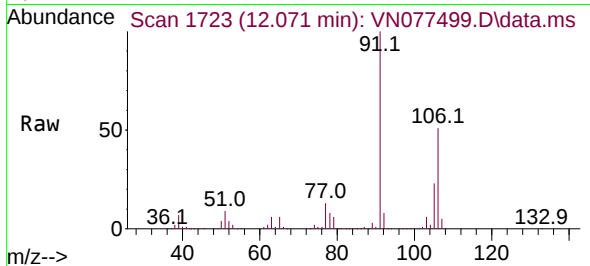
#67
m/p-Xylenes
Concen: 95.932 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:106 Resp: 1692408
Ion Ratio Lower Upper
106 100
91 199.5 157.9 236.9

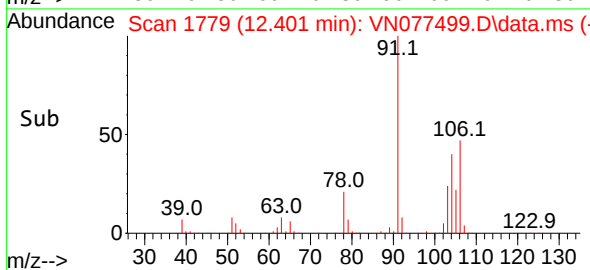
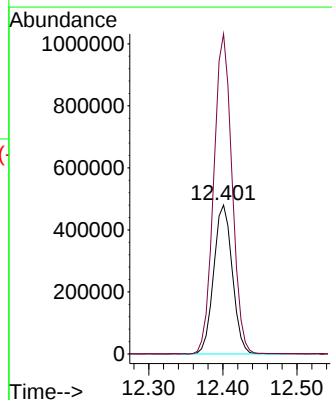
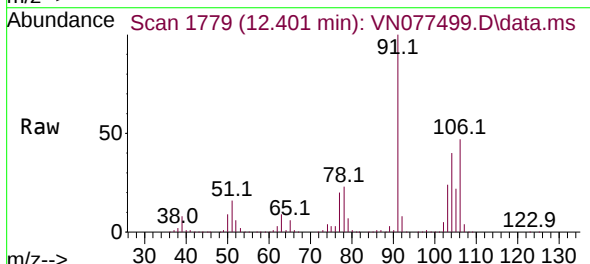
Manual Integrations
APPROVED

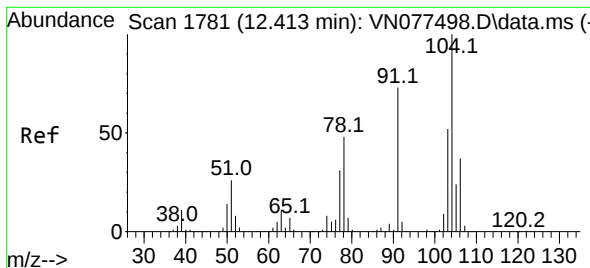
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#68
o-Xylene
Concen: 48.119 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

Tgt Ion:106 Resp: 836165
Ion Ratio Lower Upper
106 100
91 211.4 104.6 313.8





#69

Styrene

Concen: 49.072 ug/l

RT: 12.413 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077499.D

Acq: 28 Apr 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion:104 Resp: 134253

Ion Ratio Lower Upper

104 100

78 49.3 39.3 58.9

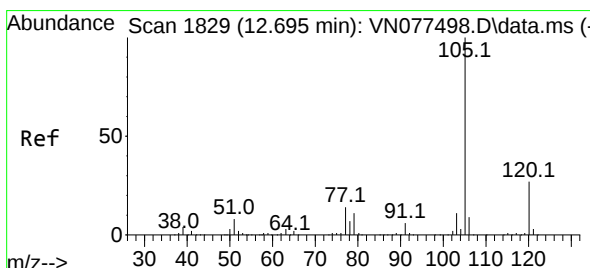
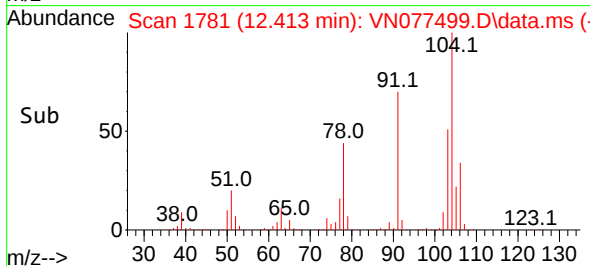
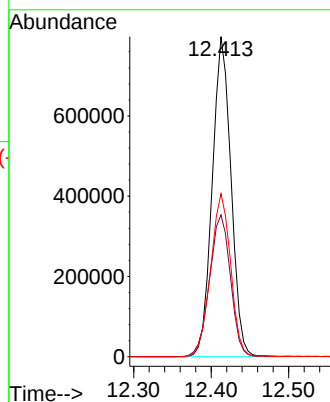
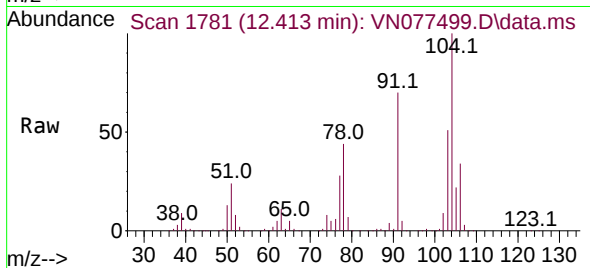
103 54.1 44.6 66.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#70

Isopropylbenzene

Concen: 48.397 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077499.D

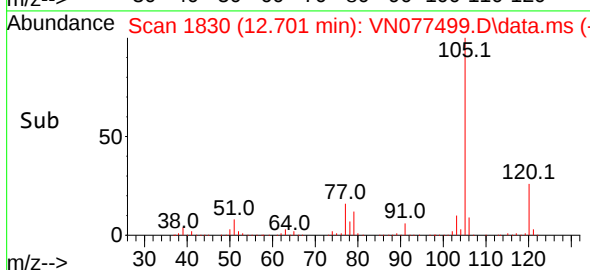
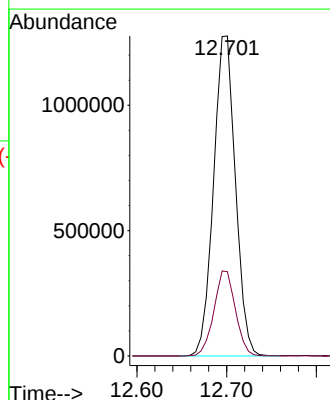
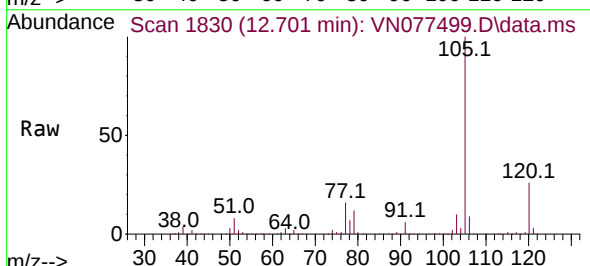
Acq: 28 Apr 2023 12:22

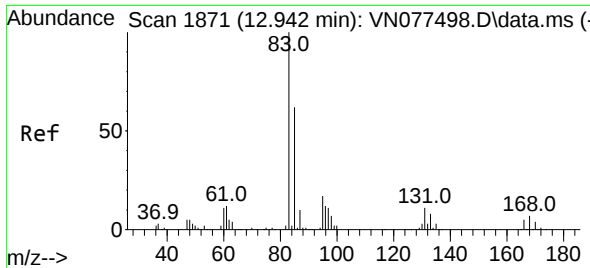
Tgt Ion:105 Resp: 2161969

Ion Ratio Lower Upper

105 100

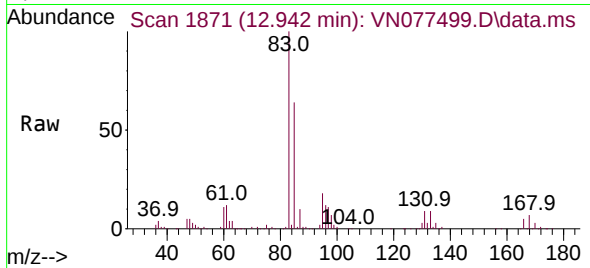
120 26.1 18.7 34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 46.762 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

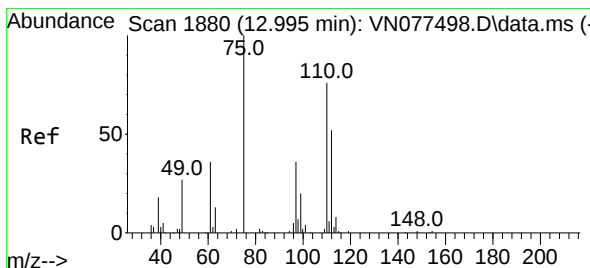
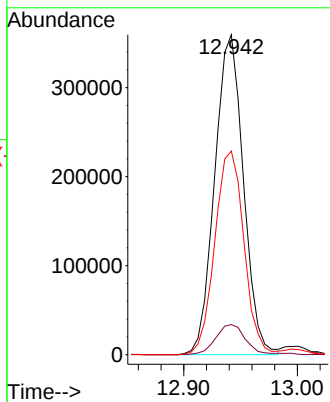
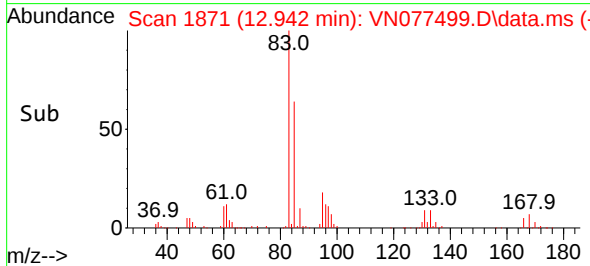
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 83 Resp: 631508
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.3
85 64.3 31.6 94.8

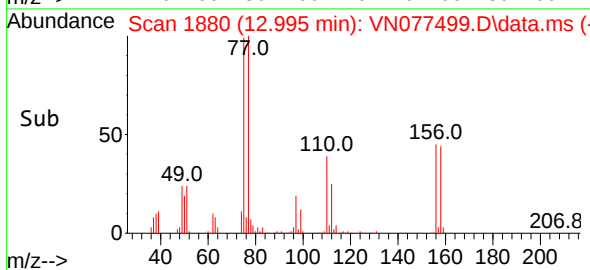
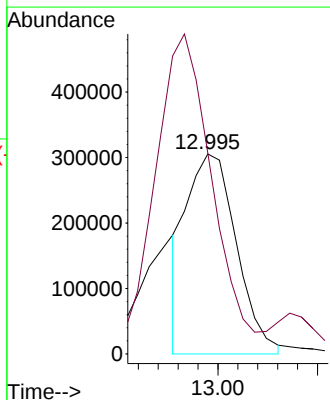
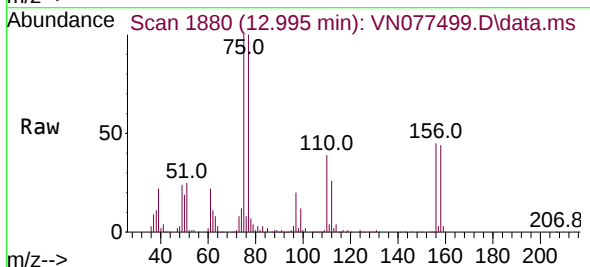
Manual Integrations
APPROVED

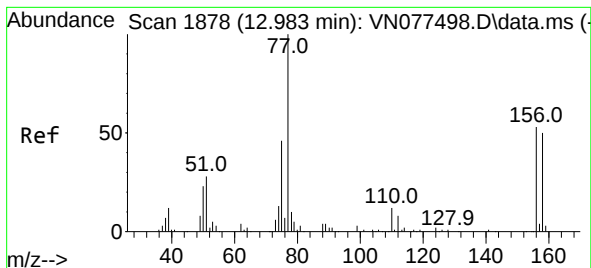
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#72
1,2,3-Trichloropropane
Concen: 46.991 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

Tgt Ion: 75 Resp: 534125
Ion Ratio Lower Upper
75 100
77 182.1 0.0 367.2





#73

Bromobenzene

Concen: 46.989 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077499.D

Acq: 28 Apr 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

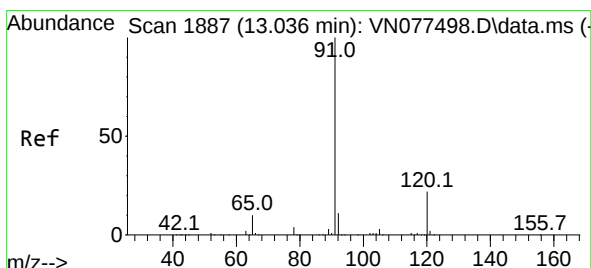
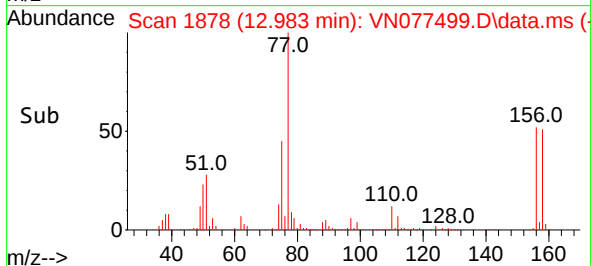
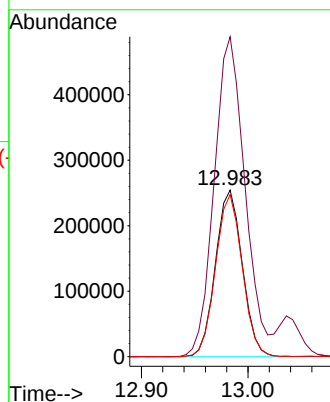
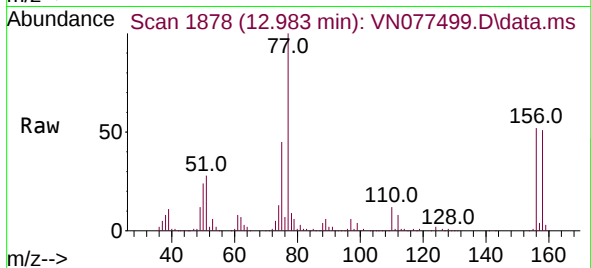
Tgt Ion:	156	Resp:	444290
Ion Ratio	Lower	Upper	
156	100		
77	218.9	0.0	431.6
158	96.8	0.0	192.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#74

n-propylbenzene

Concen: 49.581 ug/l

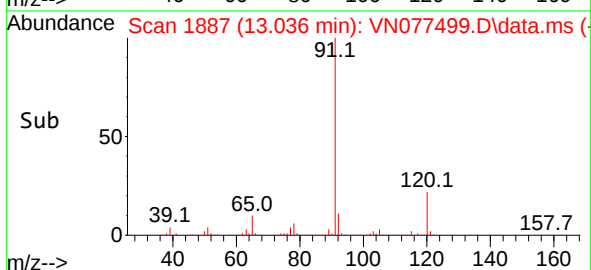
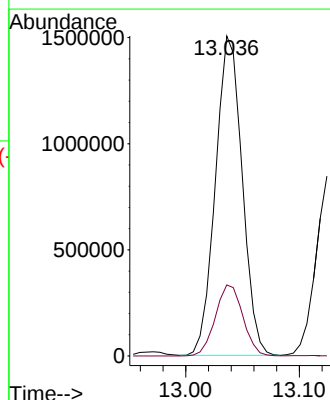
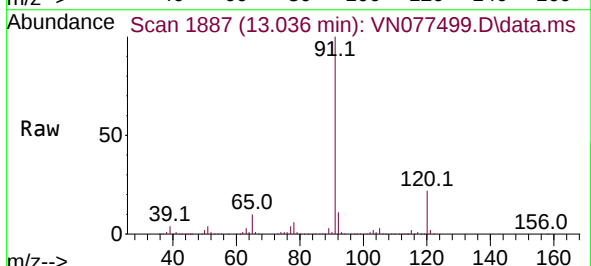
RT: 13.036 min Scan# 1887

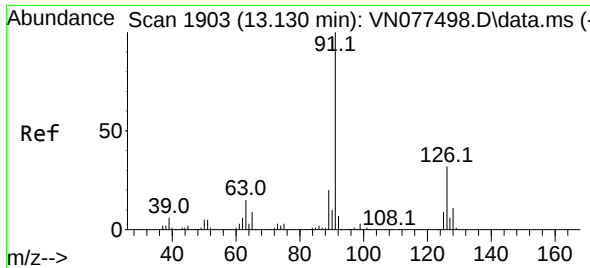
Delta R.T. 0.000 min

Lab File: VN077499.D

Acq: 28 Apr 2023 12:22

Tgt Ion:	91	Resp:	2462396
Ion Ratio	Lower	Upper	
91	100		
120	22.9	0.0	46.4





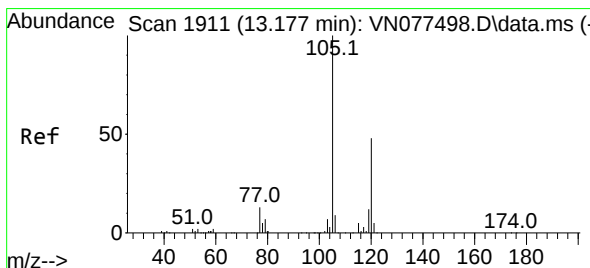
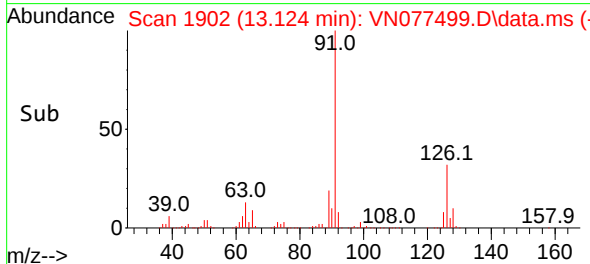
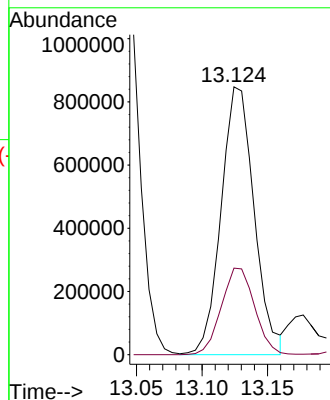
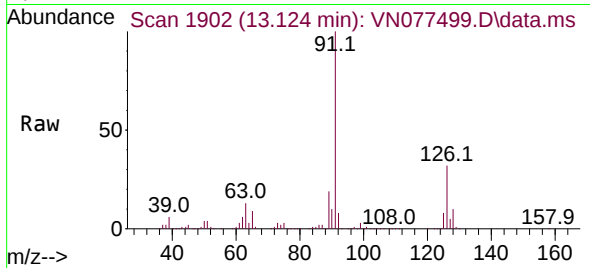
#75
2-Chlorotoluene
Concen: 48.566 ug/l
RT: 13.124 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 148449
Ion Ratio Lower Upper
91 100
126 32.6 0.0 65.2

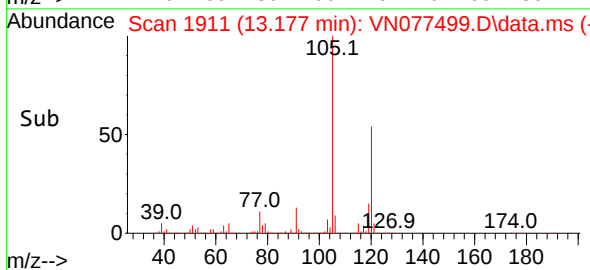
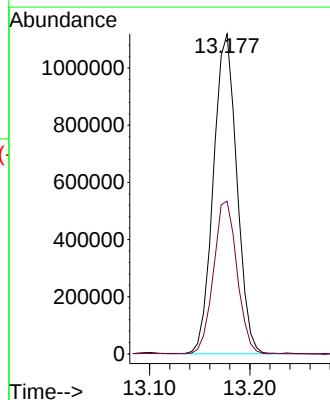
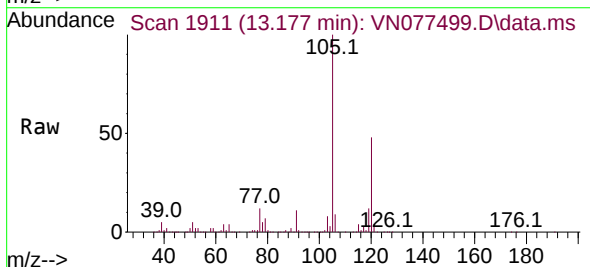
Manual Integrations
APPROVED

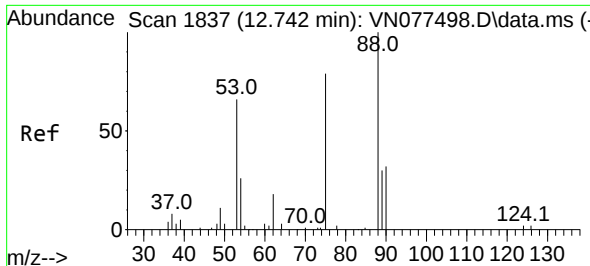
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#76
1,3,5-Trimethylbenzene
Concen: 52.854 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

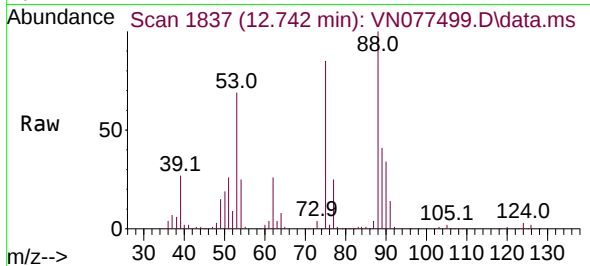
Tgt Ion:105 Resp: 1814684
Ion Ratio Lower Upper
105 100
120 48.1 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 50.297 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

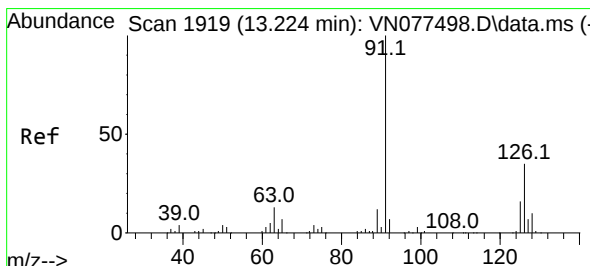
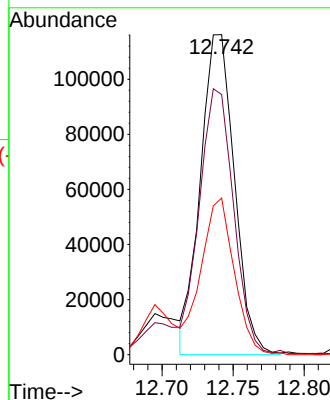
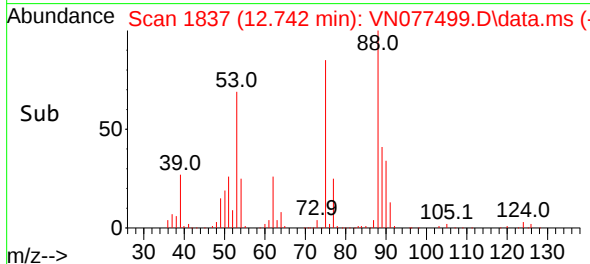
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



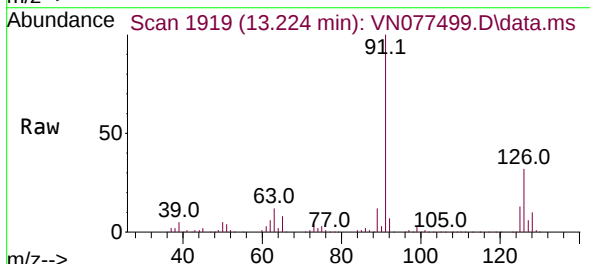
Tgt Ion: 75 Resp: 193768
Ion Ratio Lower Upper
75 100
53 80.4 38.2 114.6
89 48.6 22.1 66.1

Manual Integrations
APPROVED

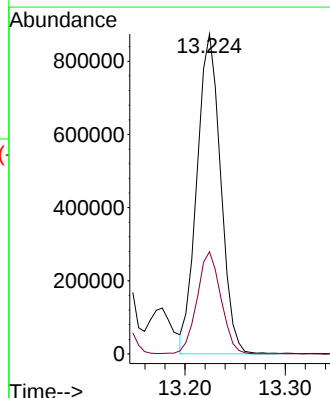
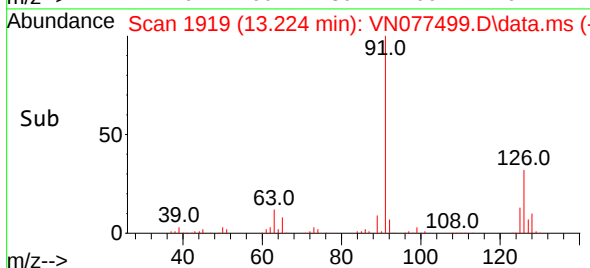
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

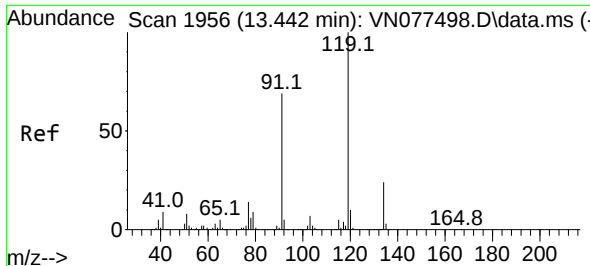


#78
4-Chlorotoluene
Concen: 50.013 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22



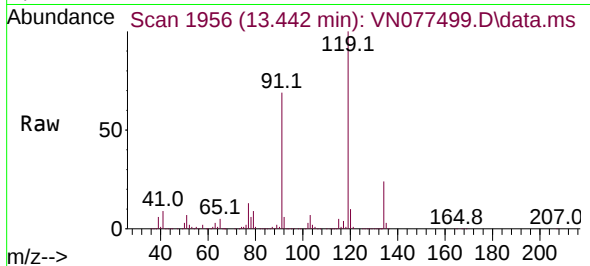
Tgt Ion: 91 Resp: 1437768
Ion Ratio Lower Upper
91 100
126 32.2 0.0 65.6





#79
tert-butylbenzene
Concen: 48.607 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

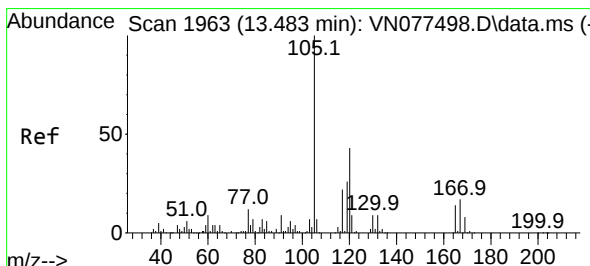
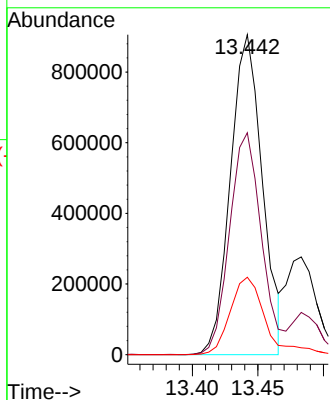
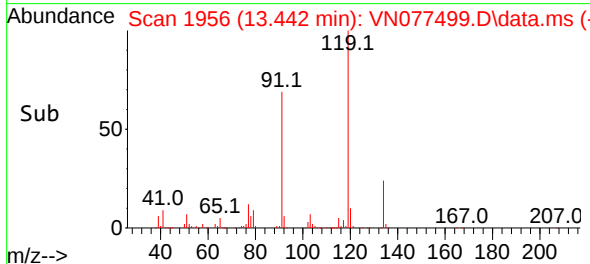
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:119 Resp: 153615
Ion Ratio Lower Upper
119 100
91 69.7 0.0 139.4
134 24.7 0.0 49.2

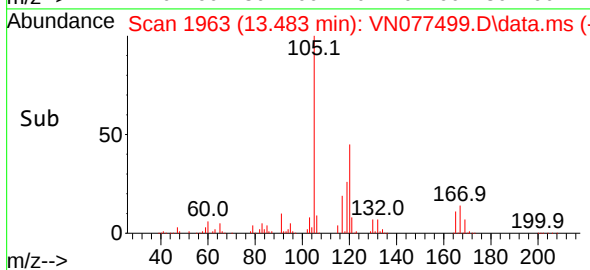
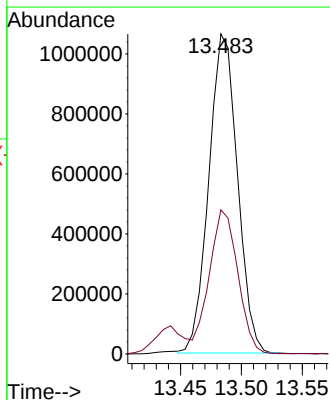
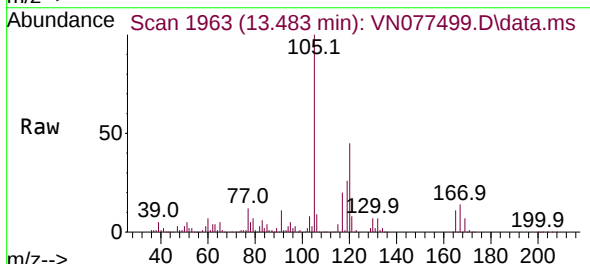
Manual Integrations
APPROVED

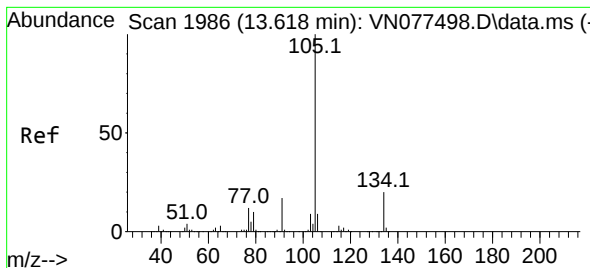
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#80
1,2,4-Trimethylbenzene
Concen: 54.679 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

Tgt Ion:105 Resp: 1742924
Ion Ratio Lower Upper
105 100
120 44.6 0.0 87.8





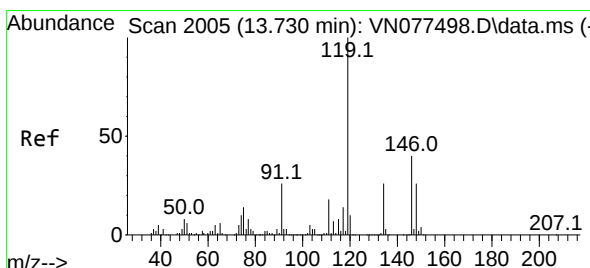
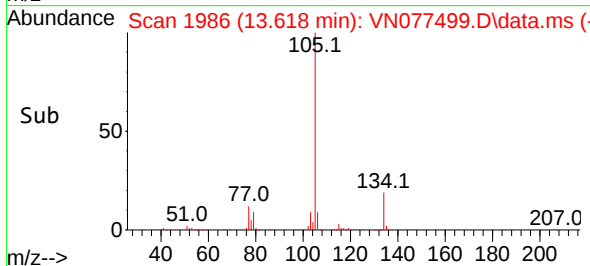
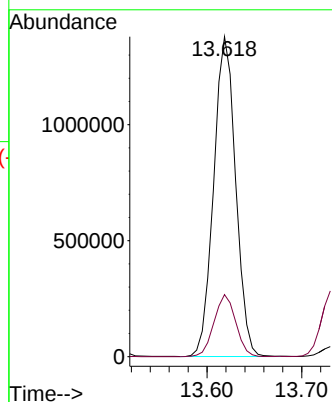
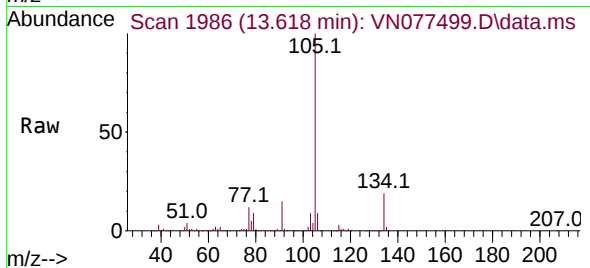
#81
 sec-Butylbenzene
 Concen: 49.753 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077499.D
 Acq: 28 Apr 2023 12:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:105 Resp: 2223502
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 38.4

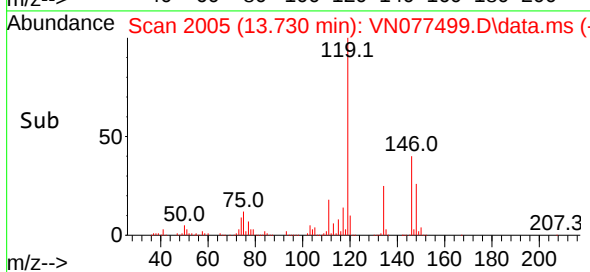
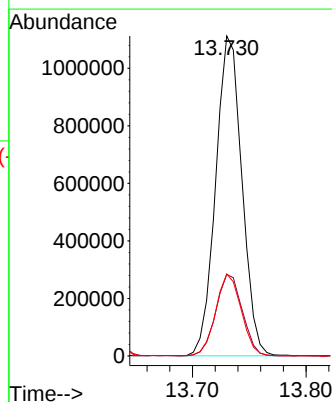
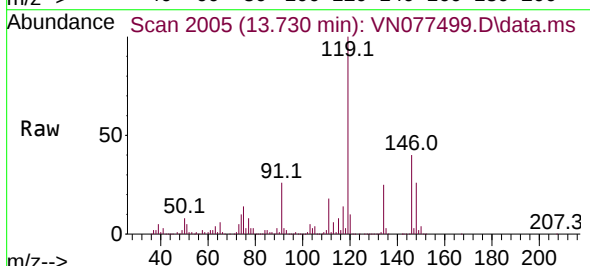
Manual Integrations
 APPROVED

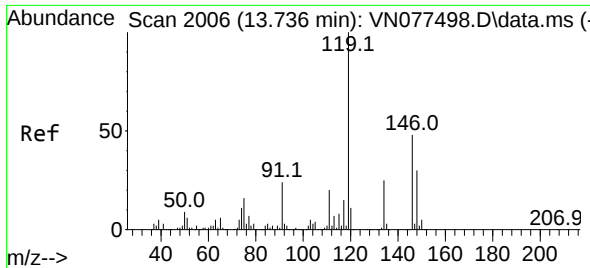
Reviewed By :John Carlone 04/29/2023
 Supervised By :Semsettin Yesilyurt 04/29/2023



#82
 p-Isopropyltoluene
 Concen: 50.919 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077499.D
 Acq: 28 Apr 2023 12:22

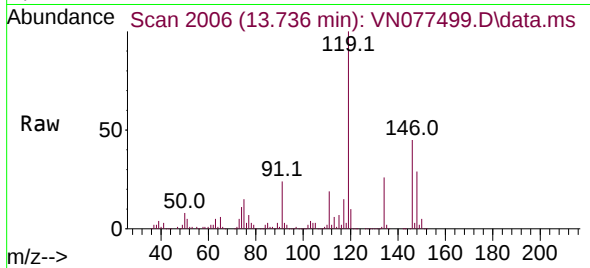
Tgt Ion:119 Resp: 1782452
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.4
 91 24.9 0.0 50.6





#83
1,3-Dichlorobenzene
Concen: 48.965 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

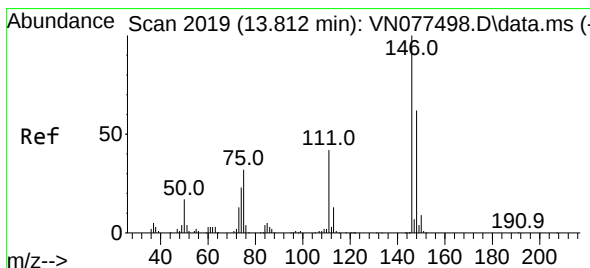
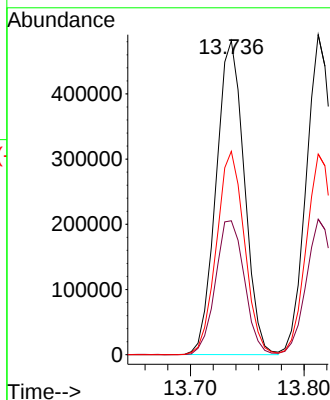
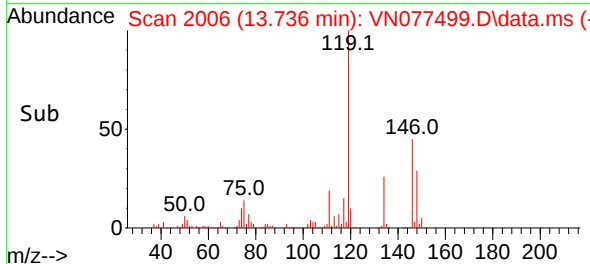
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



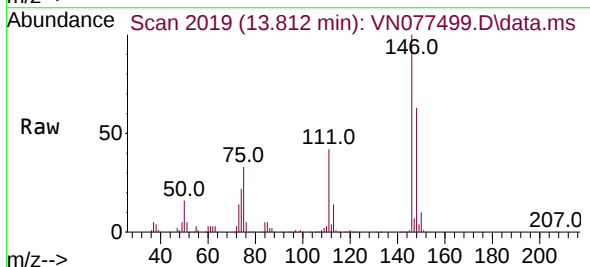
Tgt Ion:146 Resp: 831764
Ion Ratio Lower Upper
146 100
111 43.7 22.1 66.5
148 64.3 31.8 95.4

Manual Integrations
APPROVED

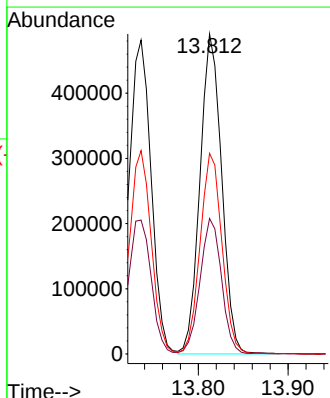
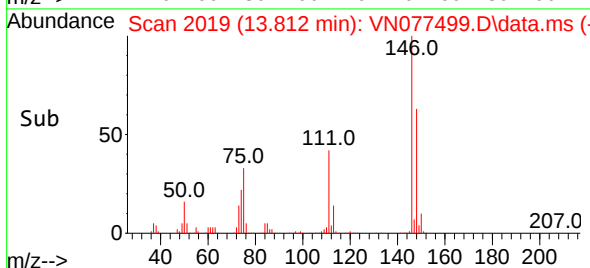
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

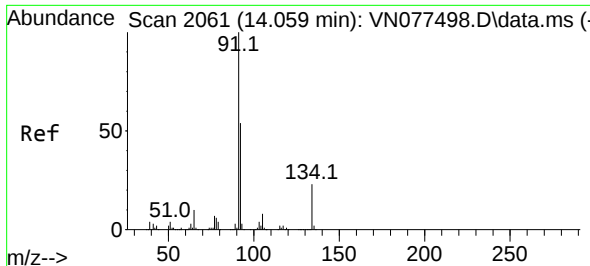


#84
1,4-Dichlorobenzene
Concen: 48.978 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22



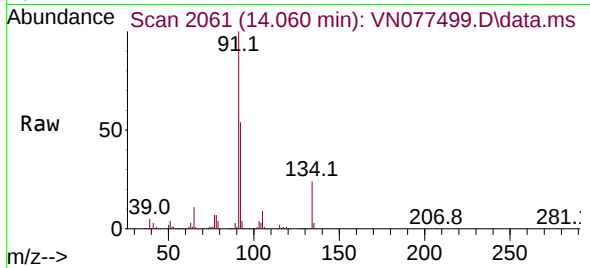
Tgt Ion:146 Resp: 822605
Ion Ratio Lower Upper
146 100
111 41.7 20.9 62.7
148 63.4 31.6 94.7





#85
n-Butylbenzene
Concen: 54.501 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

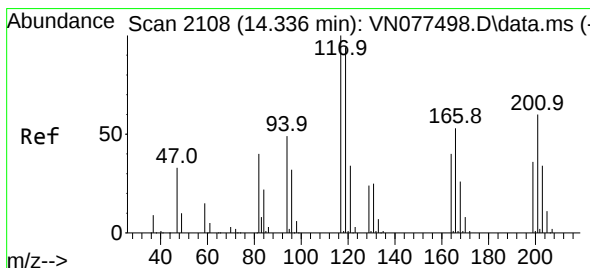
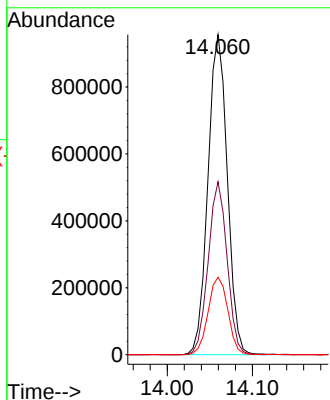
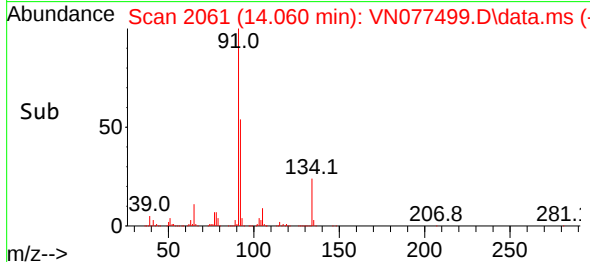
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 91 Resp: 1508029
Ion Ratio Lower Upper
91 100
92 52.8 0.0 108.4
134 24.7 0.0 50.0

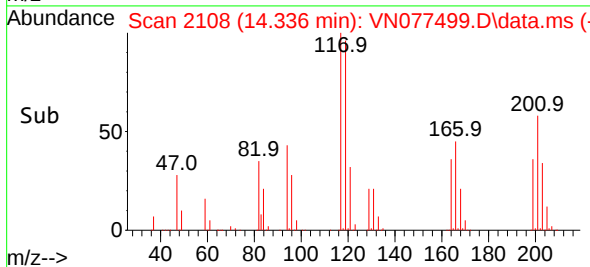
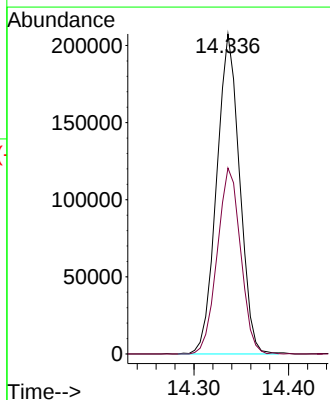
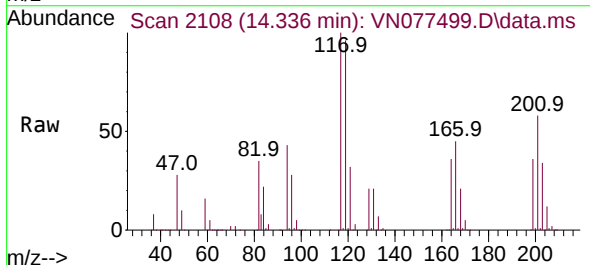
Manual Integrations
APPROVED

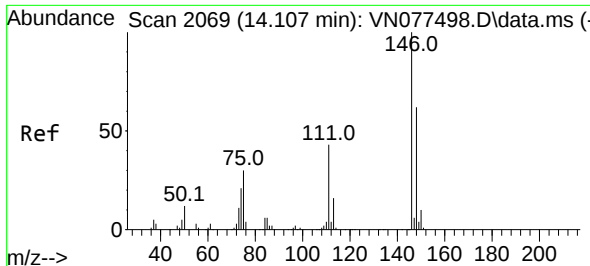
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#86
Hexachloroethane
Concen: 49.741 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

Tgt Ion:117 Resp: 350167
Ion Ratio Lower Upper
117 100
201 59.0 27.4 82.2





#87

1,2-Dichlorobenzene

Concen: 48.457 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. 0.000 min

Lab File: VN077499.D

Acq: 28 Apr 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

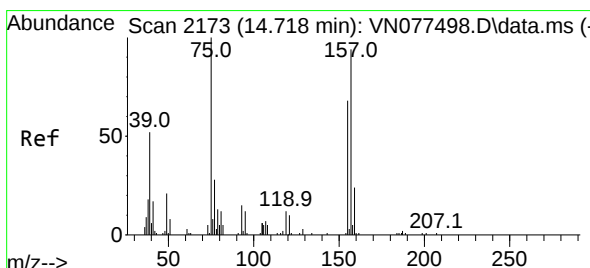
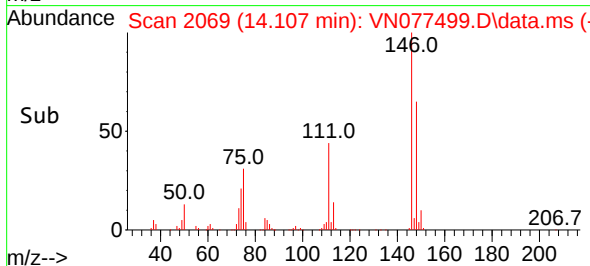
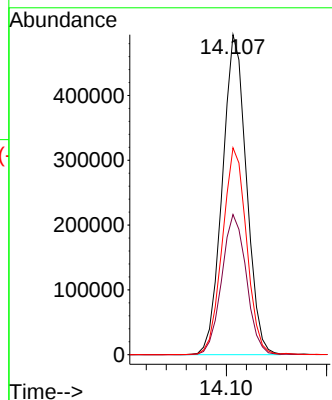
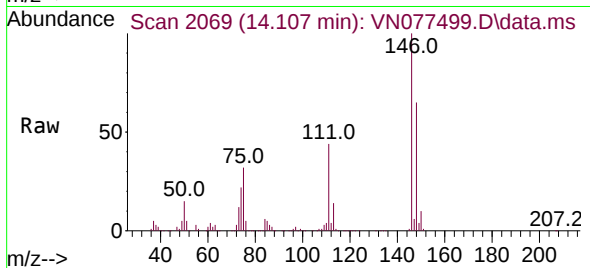
Tgt Ion:	146	Resp:	82381
Ion Ratio	Lower	Upper	
146	100		
111	44.6	22.3	66.9
148	64.8	32.4	97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 47.513 ug/l

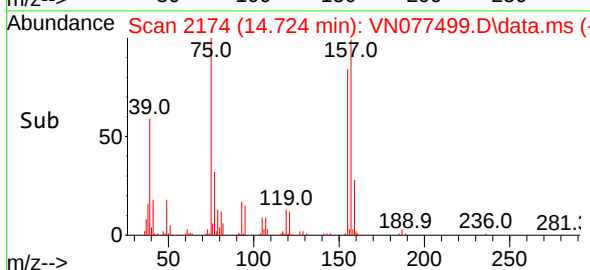
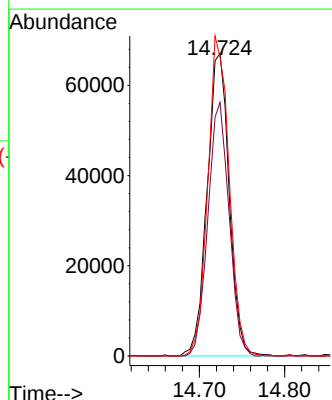
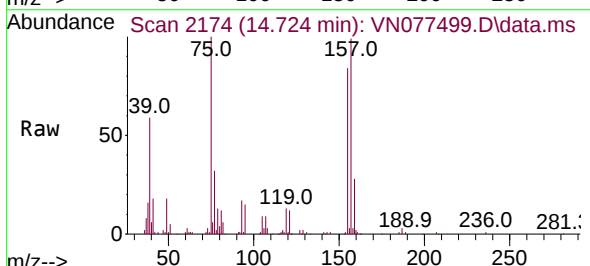
RT: 14.724 min Scan# 2174

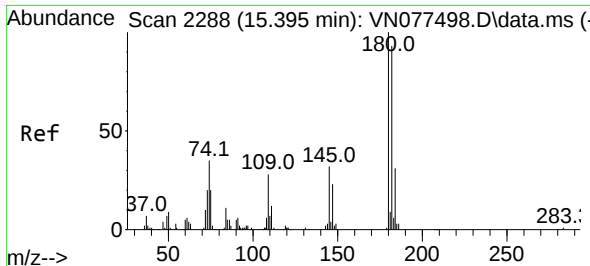
Delta R.T. 0.006 min

Lab File: VN077499.D

Acq: 28 Apr 2023 12:22

Tgt Ion:	75	Resp:	120346
Ion Ratio	Lower	Upper	
75	100		
155	80.3	63.0	94.4
157	102.5	79.5	119.3





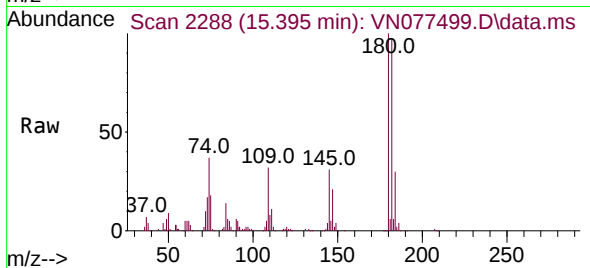
#89
1,2,4-Trichlorobenzene
Concen: 57.875 ug/l
RT: 15.395 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



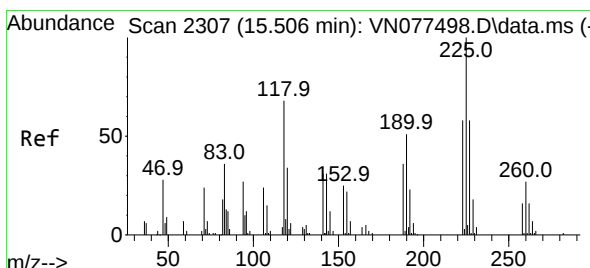
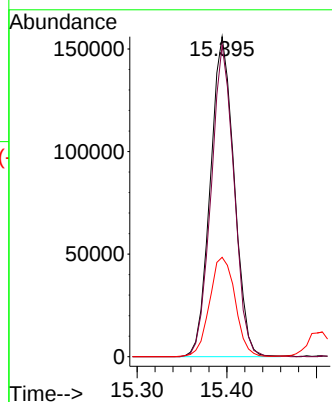
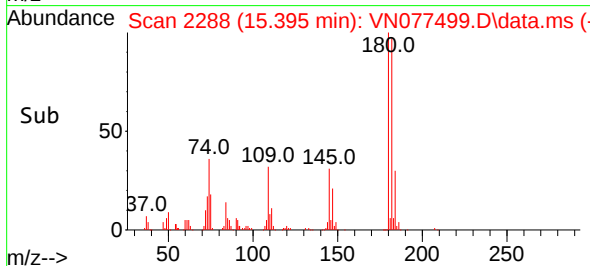
Tgt Ion:180 Resp: 28749
Ion Ratio Lower Upper
180 100
182 93.7 78.7 118.1
145 33.4 28.8 43.2

Manual Integrations

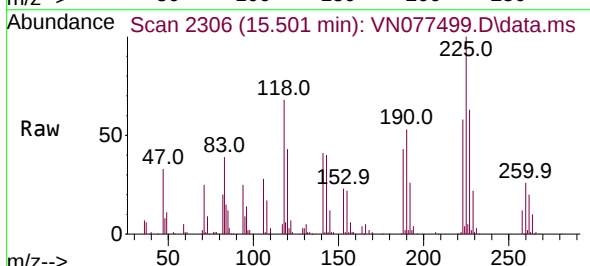
APPROVED

Reviewed By :John Carlone 04/29/2023

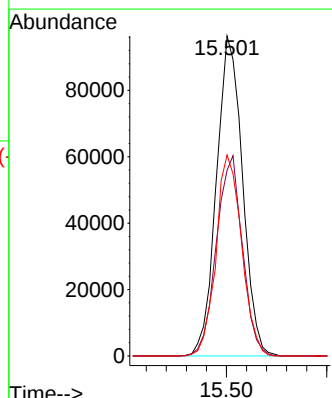
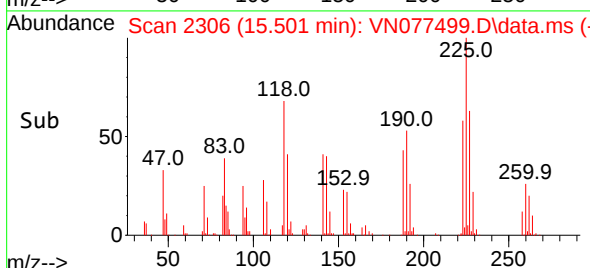
Supervised By :Semsettin Yesilyurt 04/29/2023

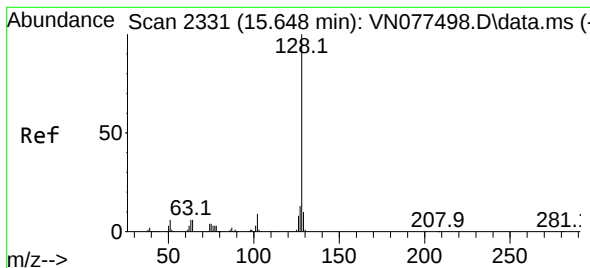


#90
Hexachlorobutadiene
Concen: 48.009 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VN077499.D
Acq: 28 Apr 2023 12:22



Tgt Ion:225 Resp: 173581
Ion Ratio Lower Upper
225 100
223 62.4 0.0 124.2
227 61.7 0.0 119.2





#91

Naphthalene

Concen: 60.262 ug/l

RT: 15.642 min Scan# 2118

Delta R.T. -0.006 min

Lab File: VN077499.D

Acq: 28 Apr 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion:128 Resp: 1118904

Ion Ratio Lower Upper

128 100

127 12.3 10.4 15.6

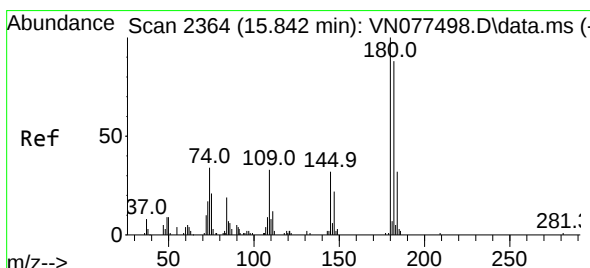
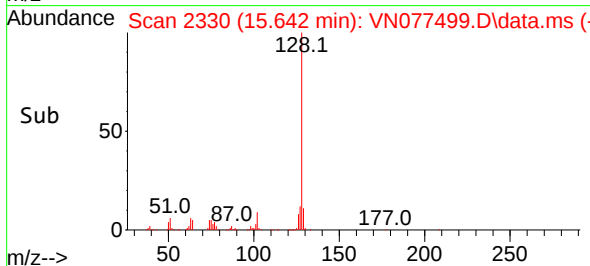
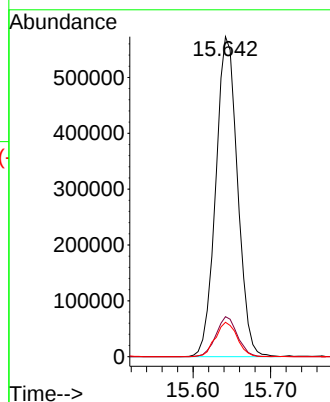
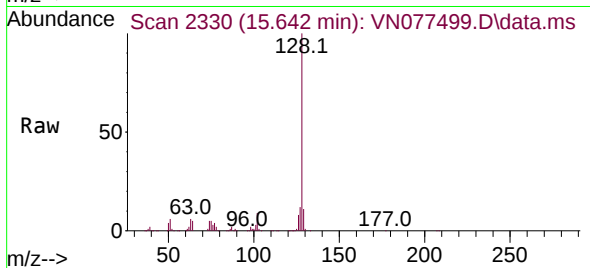
129 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#92

1,2,3-Trichlorobenzene

Concen: 57.272 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. 0.000 min

Lab File: VN077499.D

Acq: 28 Apr 2023 12:22

Tgt Ion:180 Resp: 273173

Ion Ratio Lower Upper

180 100

182 93.0 0.0 198.0

145 35.4 0.0 80.2

