

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080723\
 Data File : VN078787.D
 Acq On : 07 Aug 2023 20:28
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 08 05:18:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/08/2023
 Supervised By : Semsettin Yesilyurt 08/08/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	160915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	282301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	234079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	14014	5.809	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.620%#		
35) Dibromofluoromethane	8.177	113	10883	5.709	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.420%#		
50) Toluene-d8	10.571	98	36845	5.252	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.500%#		
62) 4-Bromofluorobenzene	12.859	95	10064	4.800	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.600%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	12538	5.280	ug/l	87
3) Chloromethane	2.371	50	15427	5.569	ug/l	94
4) Vinyl Chloride	2.518	62	13854	5.297	ug/l	96
5) Bromomethane	2.948	94	11095	5.990	ug/l #	79
6) Chloroethane	3.118	64	9401	5.466	ug/l #	71
7) Trichlorofluoromethane	3.495	101	19567	5.446	ug/l	89
8) Diethyl Ether	3.965	74	6611	5.043	ug/l #	15
9) 1,1,2-Trichlorotrifluo...	4.377	101	9723	5.196	ug/l	92
10) Methyl Iodide	4.594	142	11103	4.621	ug/l	93
11) Tert butyl alcohol	5.541	59	12936	30.554	ug/l #	91
12) 1,1-Dichloroethene	4.347	96	9670	5.142	ug/l #	89
13) Acrolein	4.194	56	9707	27.098	ug/l	93
14) Allyl chloride	5.018	41	15250	4.870	ug/l #	85
15) Acrylonitrile	5.747	53	27855	25.264	ug/l	98
16) Acetone	4.447	43	25657	27.642	ug/l #	82
17) Carbon Disulfide	4.712	76	28485	5.310	ug/l #	84
18) Methyl Acetate	5.042	43	21736	5.214	ug/l #	80
19) Methyl tert-butyl Ether	5.812	73	31163	4.905	ug/l #	88
20) Methylene Chloride	5.277	84	12857	5.593	ug/l #	90
21) trans-1,2-Dichloroethene	5.789	96	11158m	5.302	ug/l	
22) Diisopropyl ether	6.688	45	36245	4.818	ug/l #	86
23) Vinyl Acetate	6.618	43	114515	24.257	ug/l #	83
24) 1,1-Dichloroethane	6.583	63	19914	4.868	ug/l	93
25) 2-Butanone	7.494	43	38418	24.443	ug/l #	73
26) 2,2-Dichloropropane	7.494	77	13806	4.833	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	11977	4.957	ug/l	84
28) Bromochloromethane	7.830	49	11441	5.161	ug/l #	70
29) Tetrahydrofuran	7.853	42	25985	24.706	ug/l #	72
30) Chloroform	7.977	83	21405	5.196	ug/l #	76
31) Cyclohexane	8.259	56	19971	5.634	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	17203	4.912	ug/l	96
36) 1,1-Dichloropropene	8.382	75	14774	4.995	ug/l	97
37) Ethyl Acetate	7.571	43	14625	4.651	ug/l #	93
38) Carbon Tetrachloride	8.371	117	14809	4.857	ug/l #	93
39) Methylcyclohexane	9.612	83	13579	4.915	ug/l	88
40) Benzene	8.612	78	44677	4.994	ug/l	96

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Instrument :
 MSVOA_N
 ClientSampleId :
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Manual Integrations APPROVED

Reviewed By :John Carlone 08/08/2023
 Supervised By :Semsettin Yesilyurt 08/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	9444	5.401	ug/l #	72
42) 1,2-Dichloroethane	8.677	62	16228	5.047	ug/l	90
43) Isopropyl Acetate	8.694	43	25517	4.813	ug/l #	91
44) Trichloroethene	9.359	130	11463	5.232	ug/l	95
45) 1,2-Dichloropropane	9.629	63	11553	4.817	ug/l	98
46) Dibromomethane	9.712	93	8141	5.101	ug/l	90
47) Bromodichloromethane	9.894	83	16227	5.108	ug/l #	79
48) Methyl methacrylate	9.688	41	11615	4.741	ug/l #	80
49) 1,4-Dioxane	9.700	88	3534	88.840	ug/l #	59
51) 4-Methyl-2-Pentanone	10.453	43	76252	23.481	ug/l #	86
52) Toluene	10.635	92	26560	4.862	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	15550	4.791	ug/l #	87
54) cis-1,3-Dichloropropene	10.323	75	17137	4.859	ug/l	90
55) 1,1,2-Trichloroethane	11.023	97	11415	5.256	ug/l	93
56) Ethyl methacrylate	10.876	69	13702	4.351	ug/l #	66
57) 1,3-Dichloropropane	11.171	76	19059	5.048	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	24708	21.855	ug/l	93
59) 2-Hexanone	11.200	43	53299	23.179	ug/l	81
60) Dibromochloromethane	11.359	129	11065	4.855	ug/l	93
61) 1,2-Dibromoethane	11.476	107	10857	5.048	ug/l	92
64) Tetrachloroethene	11.112	164	9041	5.013	ug/l	92
65) Chlorobenzene	11.900	112	25917	4.862	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.965	131	10504	5.088	ug/l	93
67) Ethyl Benzene	11.970	91	46818	4.931	ug/l	94
68) m/p-Xylenes	12.082	106	33096	9.448	ug/l	96
69) o-Xylene	12.406	106	15679	4.560	ug/l	94
70) Styrene	12.417	104	22719	4.210	ug/l	95
71) Bromoform	12.588	173	7033	4.884	ug/l #	92
73) Isopropylbenzene	12.706	105	37273	5.384	ug/l	99
74) N-amyl acetate	12.500	43	17403	5.541	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.947	83	14027	5.962	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	12033m	6.327	ug/l	
77) Bromobenzene	12.994	156	9146	5.630	ug/l	98
78) n-propylbenzene	13.041	91	41208	5.415	ug/l	99
79) 2-Chlorotoluene	13.135	91	28801	5.891	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	31400	5.662	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.747	75	3483	4.914	ug/l #	69
82) 4-Chlorotoluene	13.229	91	23932	5.351	ug/l	97
83) tert-Butylbenzene	13.441	119	25405	5.500	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	27443	5.149	ug/l	98
85) sec-Butylbenzene	13.617	105	32965	5.458	ug/l	92
86) p-Isopropyltoluene	13.735	119	26553	5.529	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	13402	5.166	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	13027	5.065	ug/l	93
89) n-Butylbenzene	14.059	91	19106	5.302	ug/l	93
90) Hexachloroethane	14.335	117	5591	5.617	ug/l	65
91) 1,2-Dichlorobenzene	14.111	146	11571	4.630	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1712	4.744	ug/l	84
93) 1,2,4-Trichlorobenzene	15.400	180	2856	4.067	ug/l	95
94) Hexachlorobutadiene	15.511	225	3561	3.105	ug/l	86
95) Naphthalene	15.647	128	11206	4.781	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.853	180	3912	4.678	ug/l	89

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023

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Quant Title : SW846 8260
QLast Update : Tue Aug 08 05:03:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

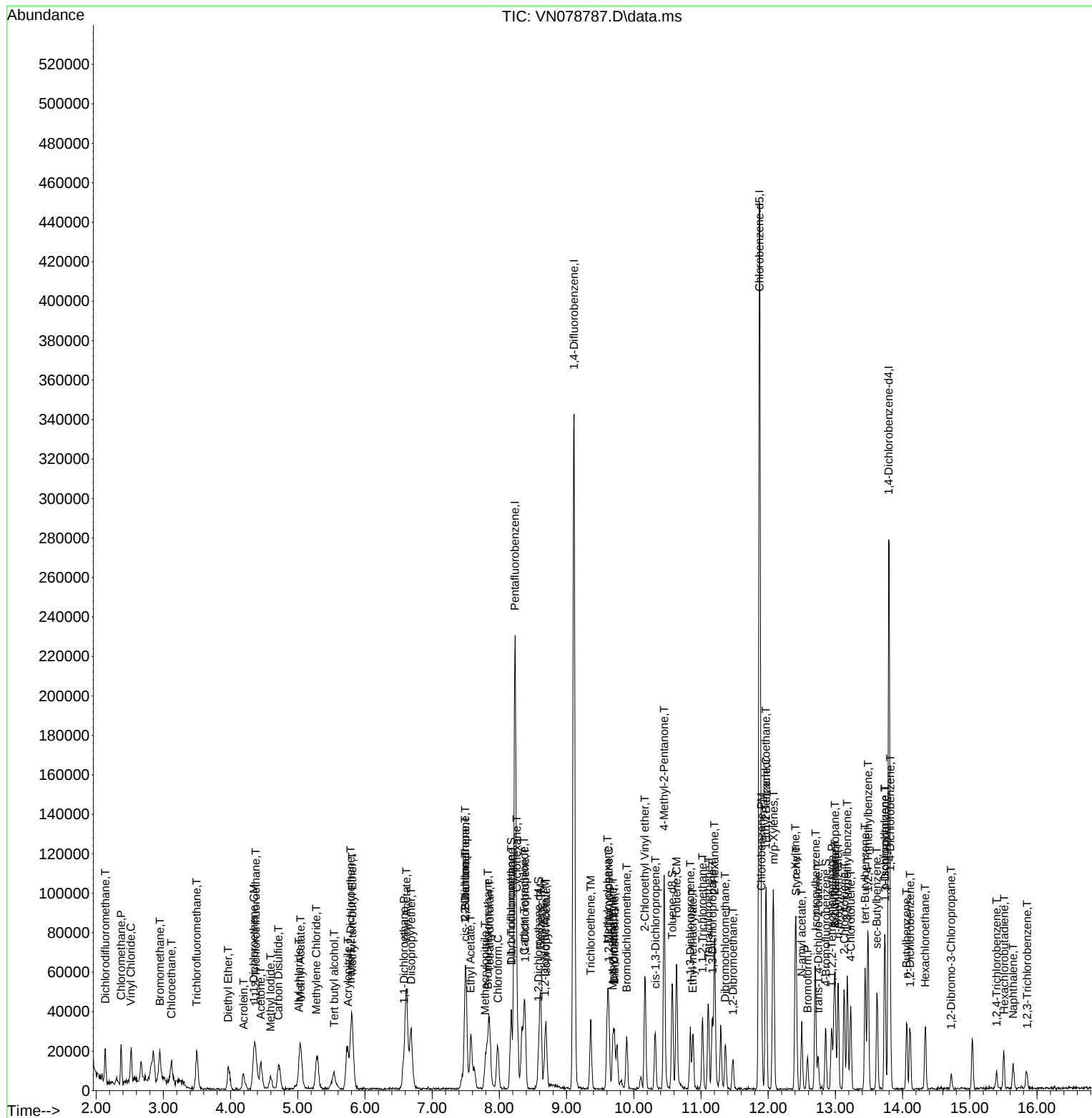
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Data File : VN078787.D
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Operator : JC\MD
Sample : VSTDIC005
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ALS Vial : 23 Sample Multiplier: 1

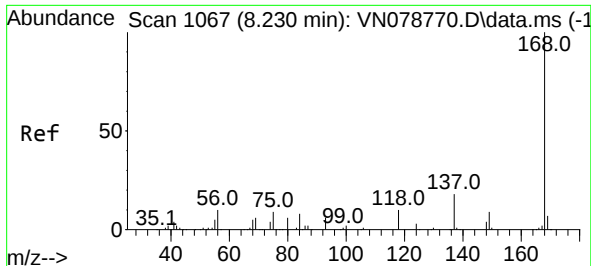
Instrument :
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ClientSampleId :
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Manual Integrations
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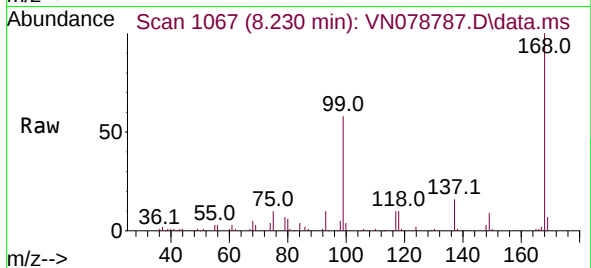
Quant Time: Aug 08 05:18:38 2023
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Quant Title : SW846 8260
QLast Update : Tue Aug 08 05:03:52 2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

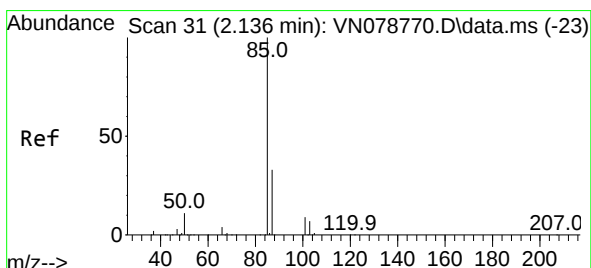
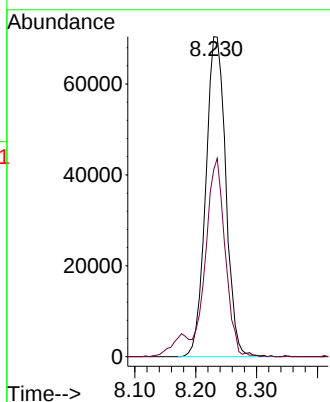
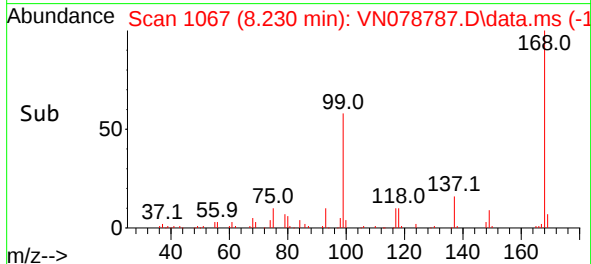
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



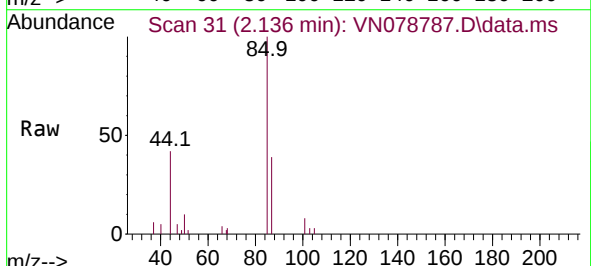
Tgt Ion:168 Resp: 160915
Ion Ratio Lower Upper
168 100
99 58.4 53.0 79.6

Manual Integrations
APPROVED

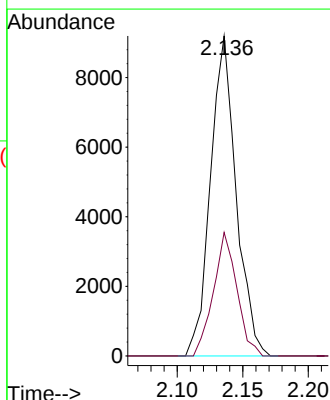
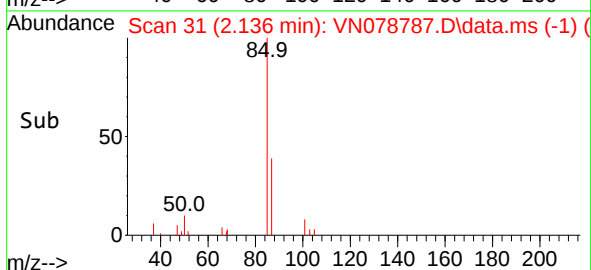
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023

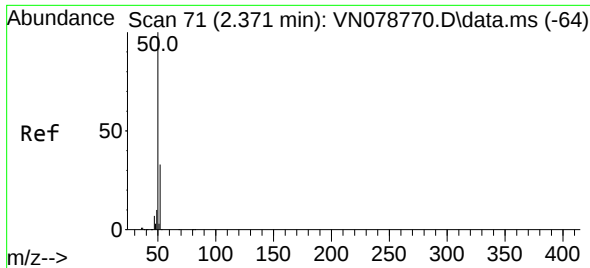


#2
Dichlorodifluoromethane
Concen: 5.280 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28



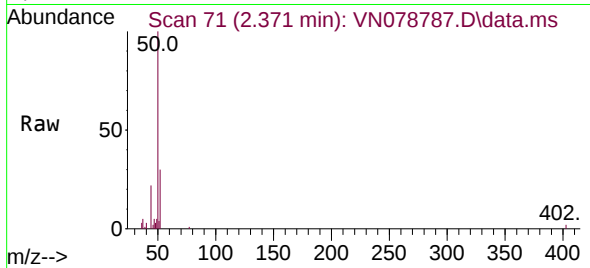
Tgt Ion: 85 Resp: 12538
Ion Ratio Lower Upper
85 100
87 38.6 15.8 47.4





#3
Chloromethane
Concen: 5.569 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

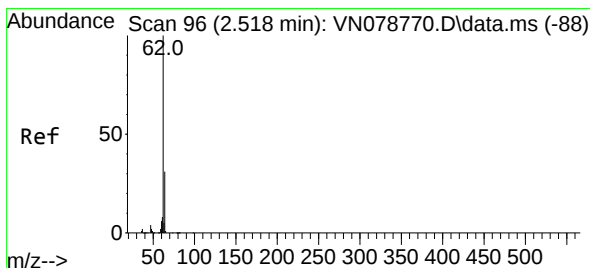
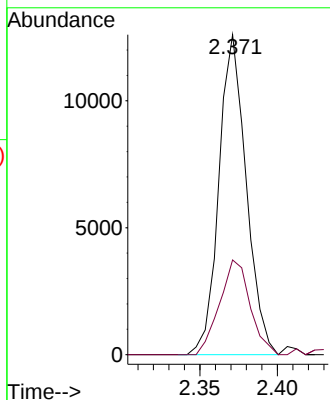
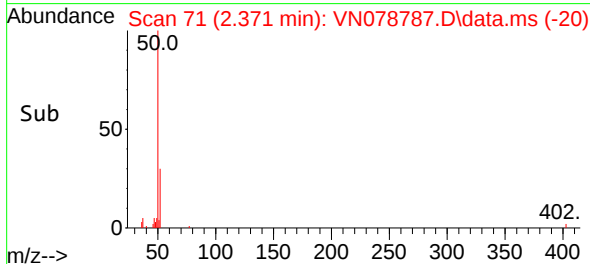
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 1542
Ion Ratio Lower Upper
50 100
52 29.6 26.5 39.7

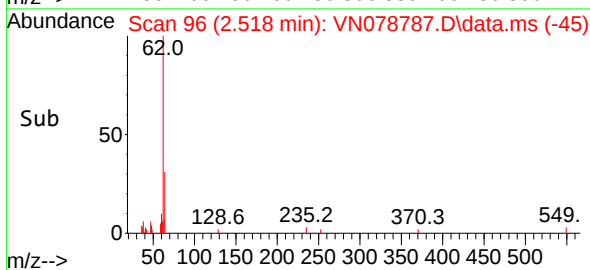
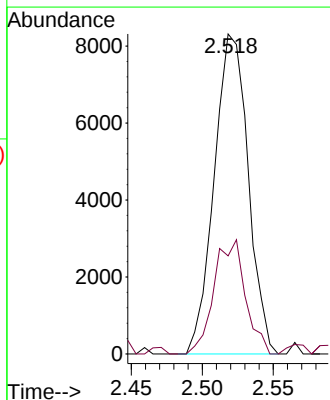
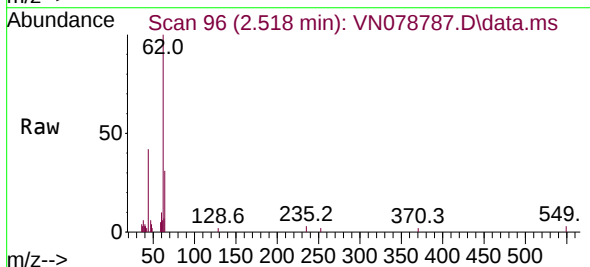
Manual Integrations
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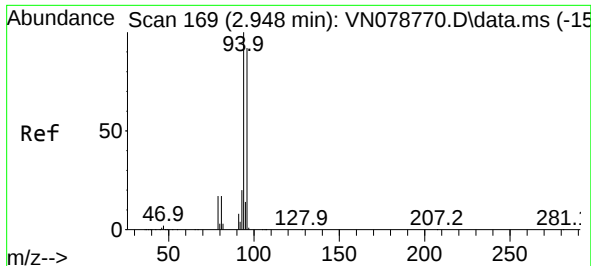
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#4
Vinyl Chloride
Concen: 5.297 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

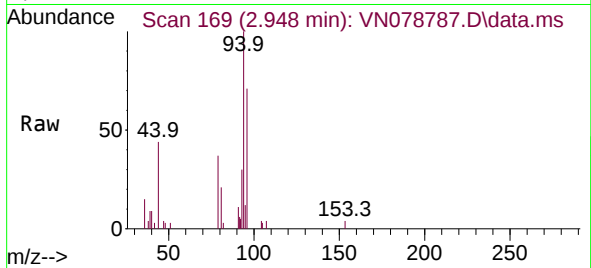
Tgt Ion: 62 Resp: 13854
Ion Ratio Lower Upper
62 100
64 30.6 26.2 39.2





#5
Bromomethane
Concen: 5.990 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

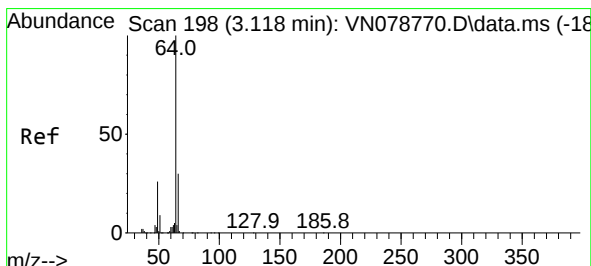
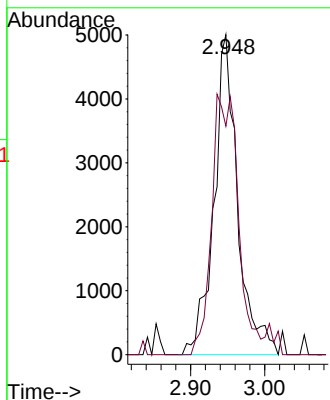
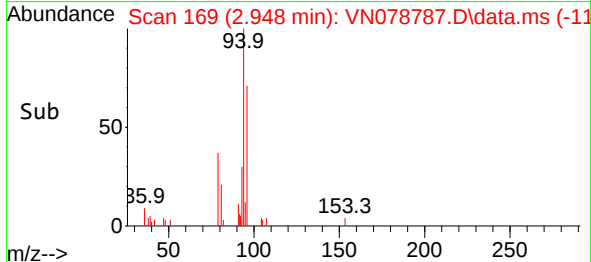
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 1109
Ion Ratio Lower Upper
94 100
96 71.4 73.1 109.7

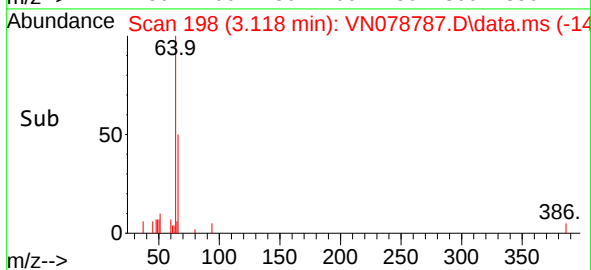
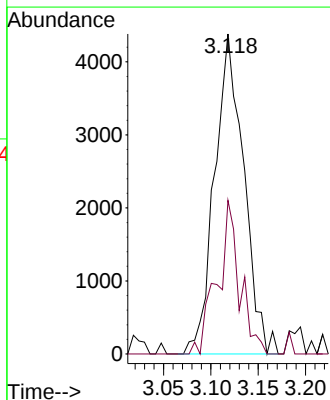
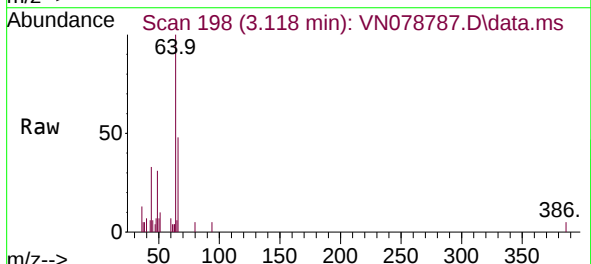
Manual Integrations
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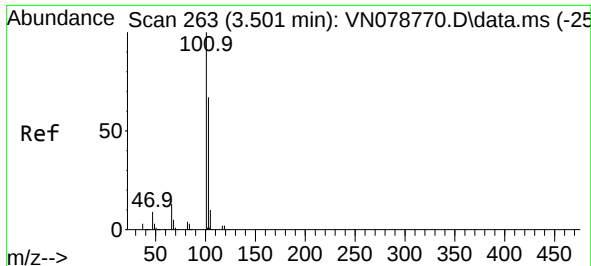
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#6
Chloroethane
Concen: 5.466 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Tgt Ion: 64 Resp: 9401
Ion Ratio Lower Upper
64 100
66 48.0 25.4 38.2





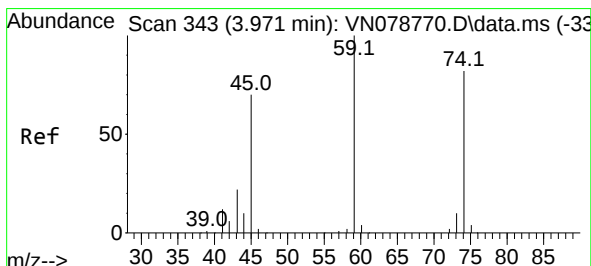
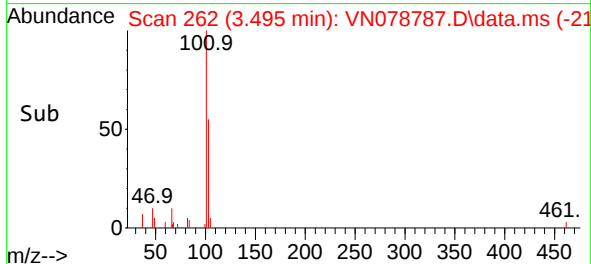
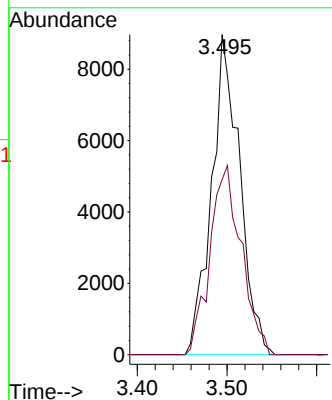
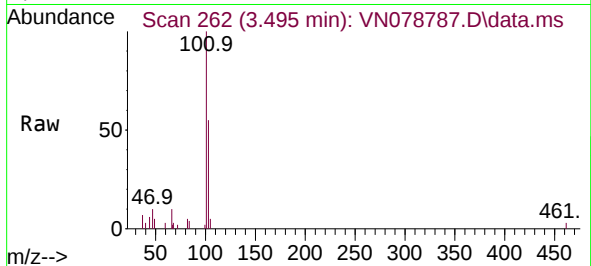
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 Trichlorofluoromethane
 Concen: 5.446 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN078787.D
 Acq: 07 Aug 2023 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 1956
 Ion Ratio Lower Upper
 101 100
 103 54.7 50.7 76.1

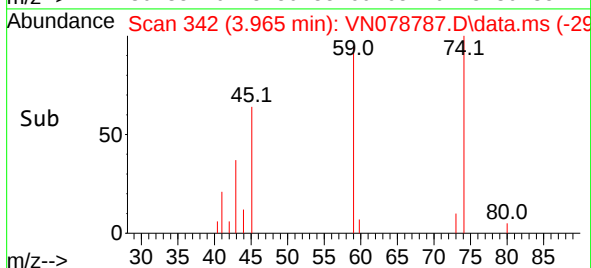
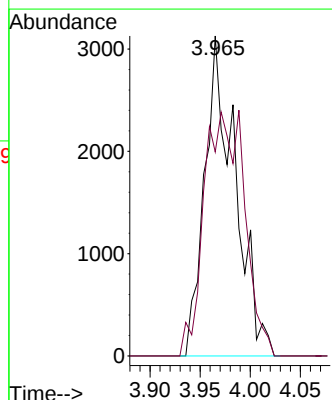
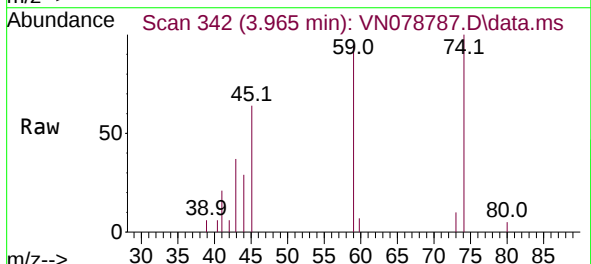
Manual Integrations
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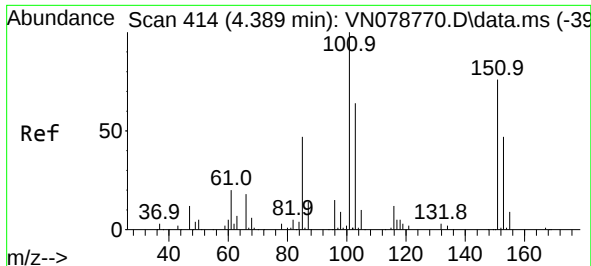
Reviewed By :John Carlone 08/08/2023
 Supervised By :Semsettin Yesilyurt 08/08/2023



#8
 Diethyl Ether
 Concen: 5.043 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VN078787.D
 Acq: 07 Aug 2023 20:28

Tgt Ion: 74 Resp: 6611
 Ion Ratio Lower Upper
 74 100
 45 0.0 34.4 103.3#





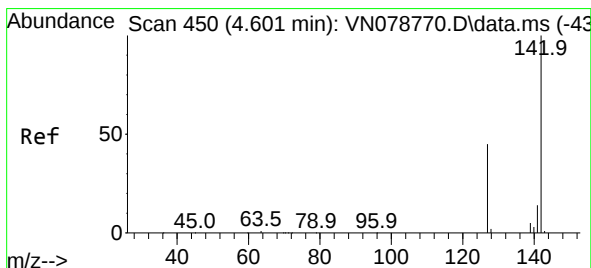
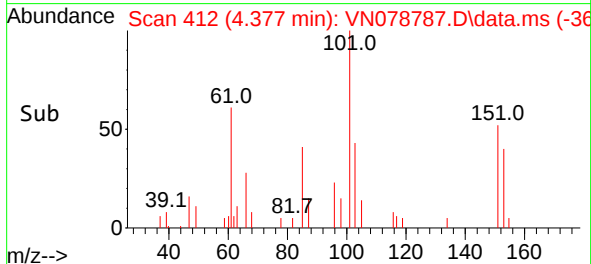
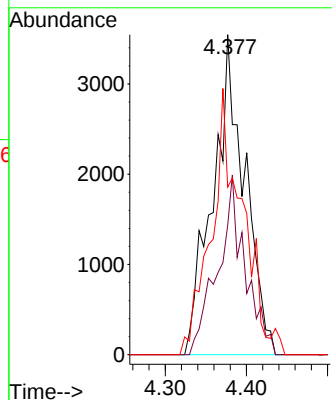
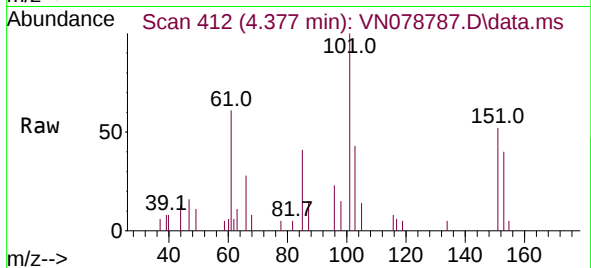
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.196 ug/l
RT: 4.377 min Scan# 414
Delta R.T. -0.012 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 972
Ion Ratio Lower Upper
101 100
85 48.2 36.6 55.0
151 80.6 57.6 86.4

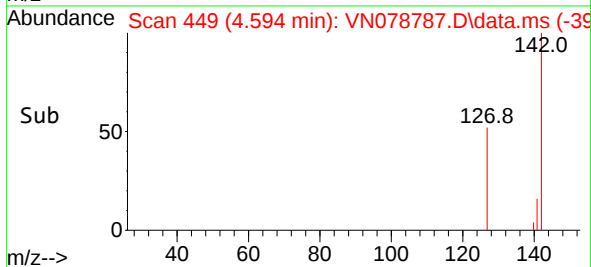
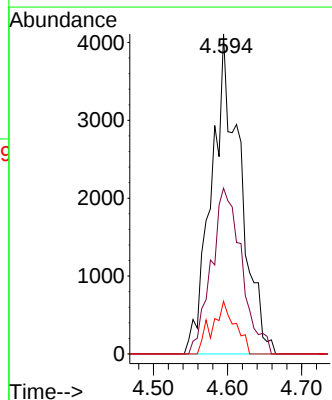
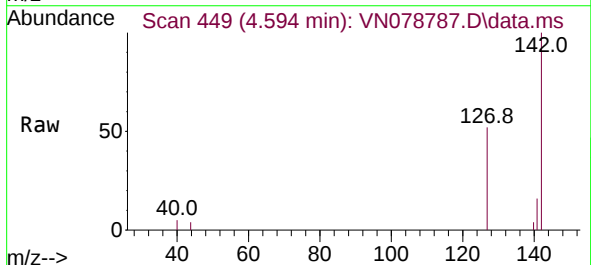
Manual Integrations
APPROVED

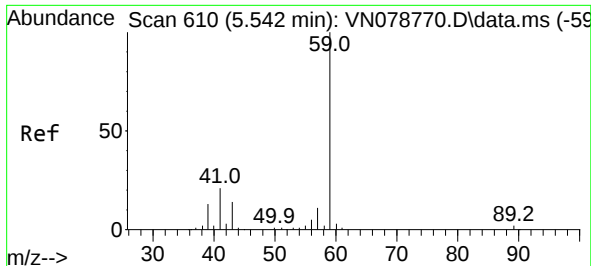
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#10
Methyl Iodide
Concen: 4.621 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Tgt Ion:142 Resp: 11103
Ion Ratio Lower Upper
142 100
127 51.8 37.6 56.4
141 16.5 11.4 17.0





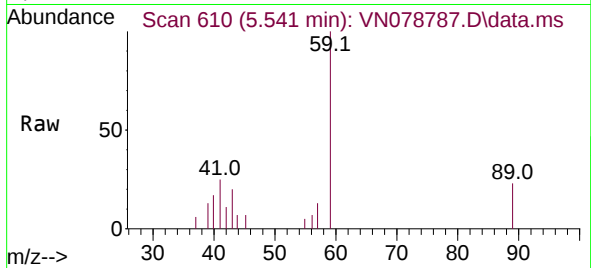
#11
Tert butyl alcohol
Concen: 30.554 ug/l
RT: 5.541 min Scan# 610
Delta R.T. -0.001 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



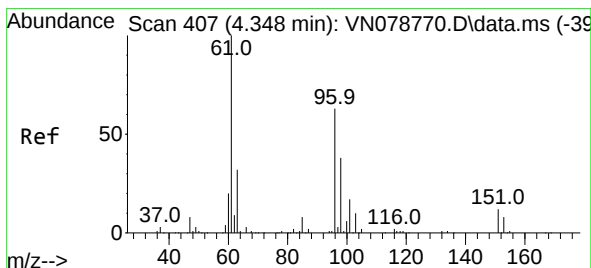
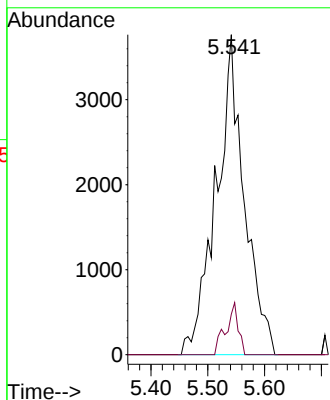
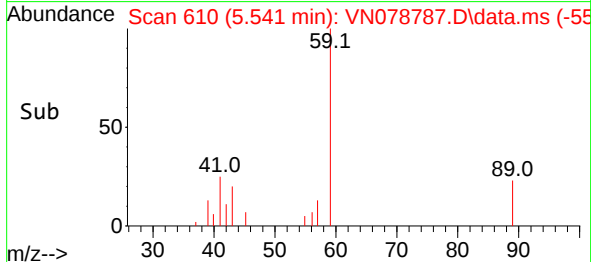
Tgt Ion: 59 Resp: 12930
Ion Ratio Lower Upper
59 100
57 7.1 8.2 12.4

Manual Integrations

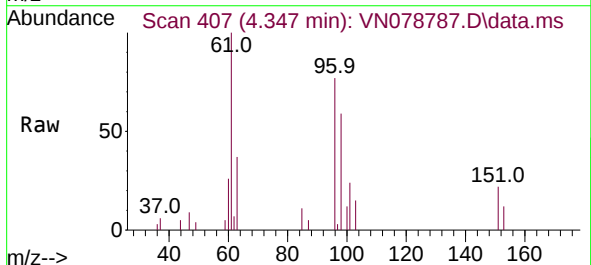
APPROVED

Reviewed By :John Carlone 08/08/2023

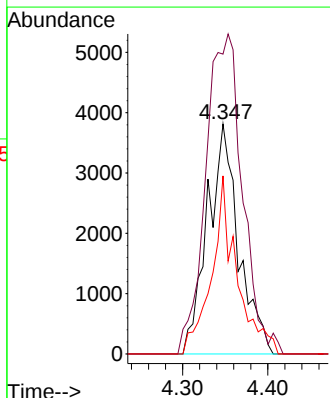
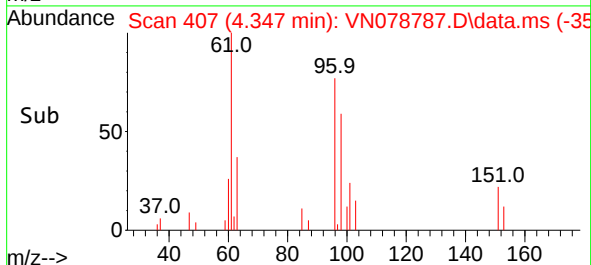
Supervised By :Semsettin Yesilyurt 08/08/2023

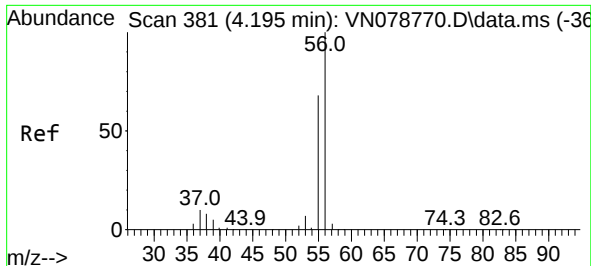


#12
1,1-Dichloroethene
Concen: 5.142 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28



Tgt Ion: 96 Resp: 9670
Ion Ratio Lower Upper
96 100
61 130.4 112.7 169.1
98 77.4 51.2 76.8





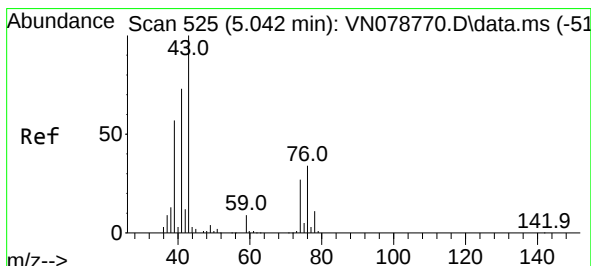
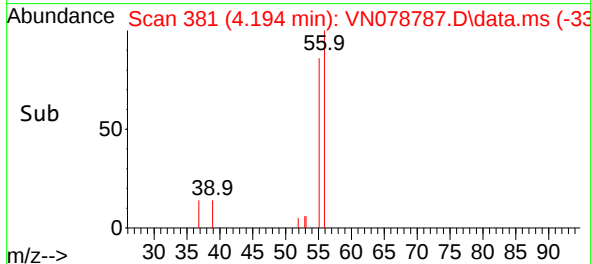
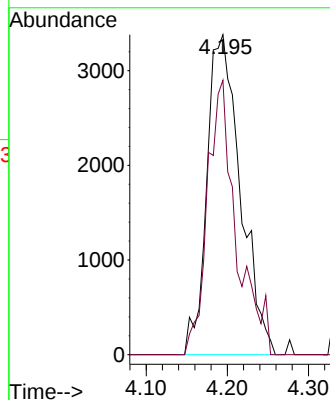
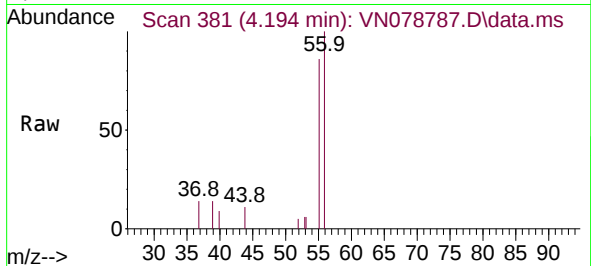
#13
Acrolein
Concen: 27.098 ug/l
RT: 4.194 min Scan# 381
Delta R.T. -0.001 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 970
Ion Ratio Lower Upper
56 100
55 73.7 54.5 81.7

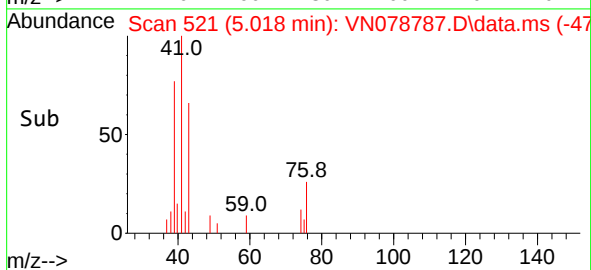
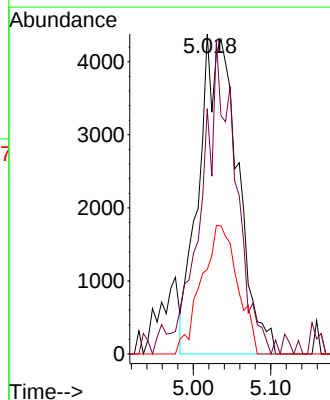
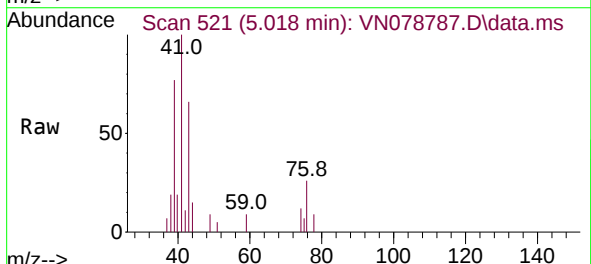
Manual Integrations
APPROVED

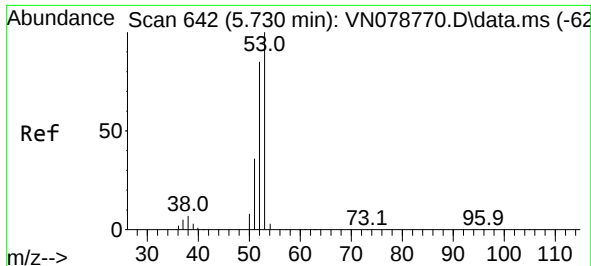
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#14
Allyl chloride
Concen: 4.870 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.024 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

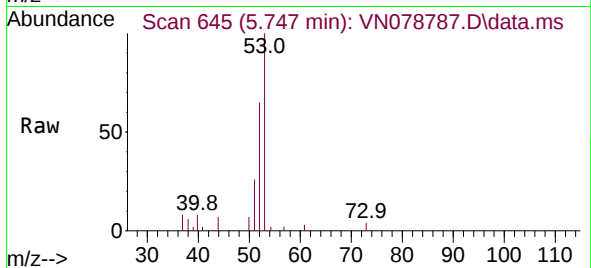
Tgt Ion: 41 Resp: 15250
Ion Ratio Lower Upper
41 100
39 84.3 58.8 88.2
76 37.3 39.1 58.7#





#15
Acrylonitrile
Concen: 25.264 ug/l
RT: 5.747 min Scan# 642
Delta R.T. 0.017 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

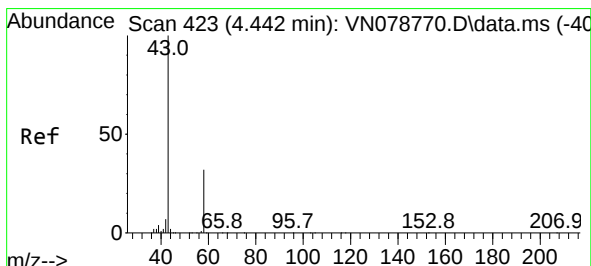
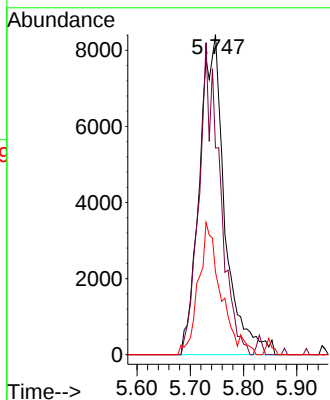
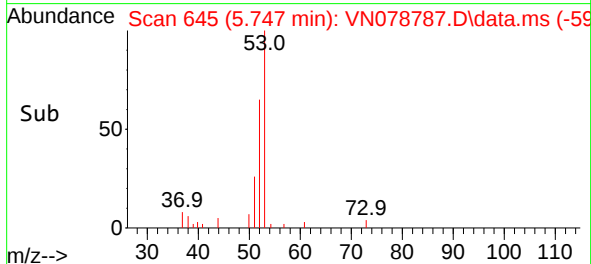
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 2785
Ion Ratio Lower Upper
53 100
52 80.5 65.3 97.9
51 34.7 28.9 43.3

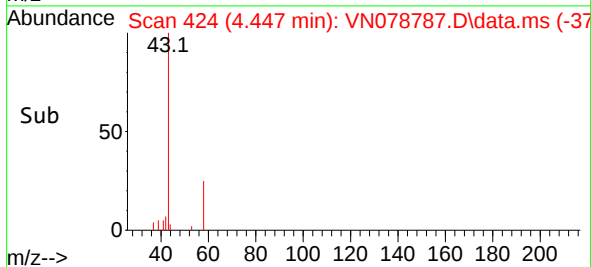
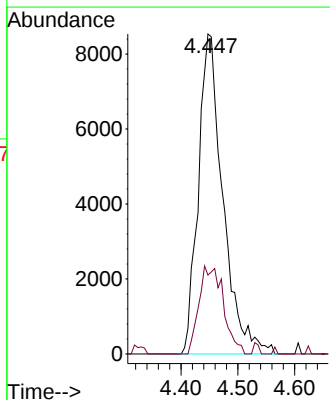
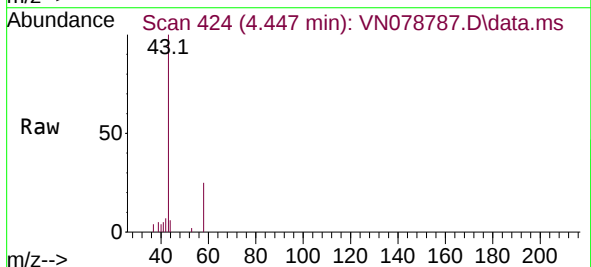
Manual Integrations
APPROVED

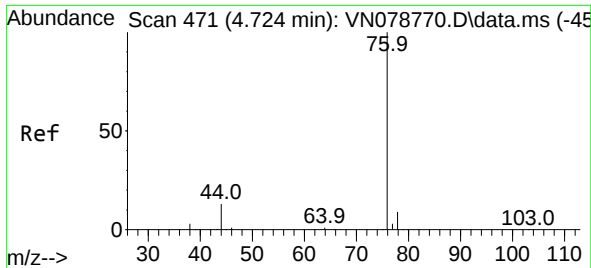
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#16
Acetone
Concen: 27.642 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

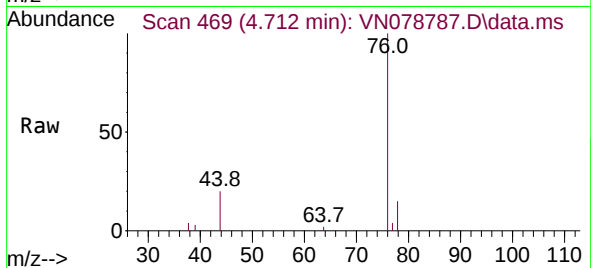
Tgt Ion: 43 Resp: 25657
Ion Ratio Lower Upper
43 100
58 24.6 28.0 42.0#





#17
Carbon Disulfide
Concen: 5.310 ug/l
RT: 4.712 min Scan# 471
Delta R.T. -0.012 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

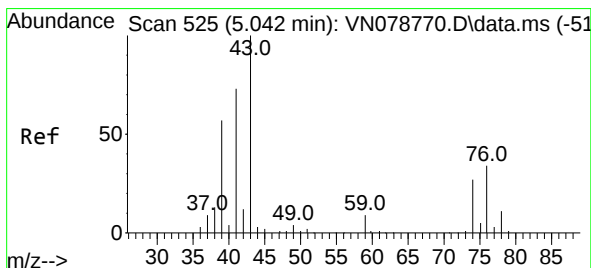
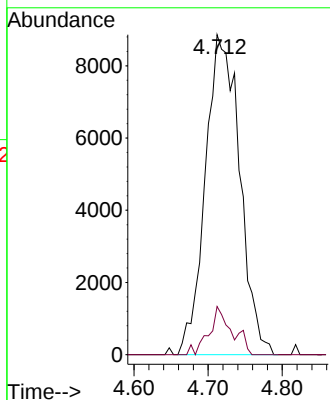
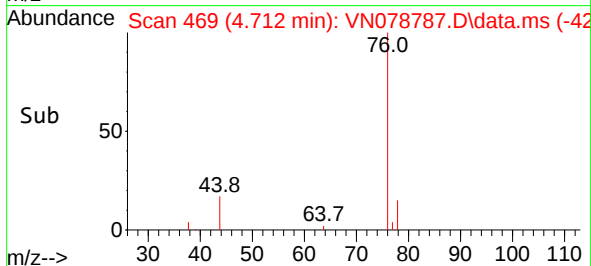
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 2848
Ion Ratio Lower Upper
76 100
78 15.1 7.4 11.0

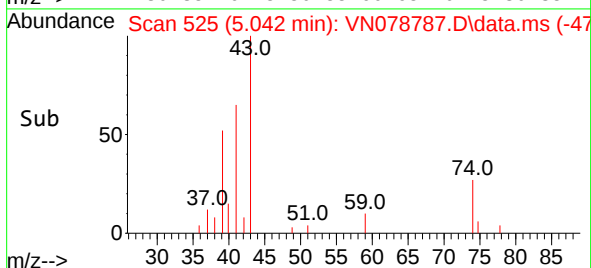
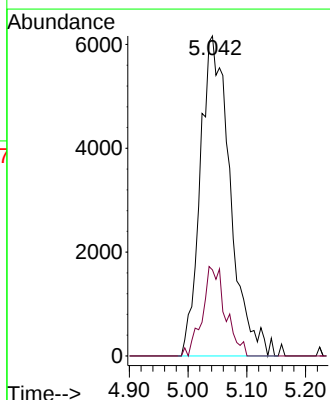
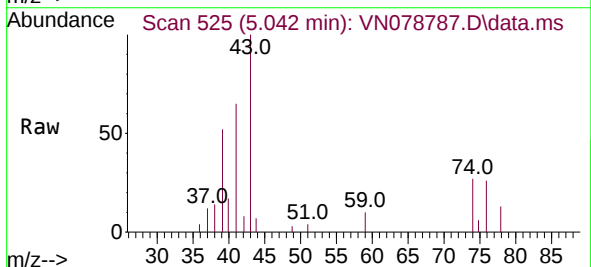
Manual Integrations
APPROVED

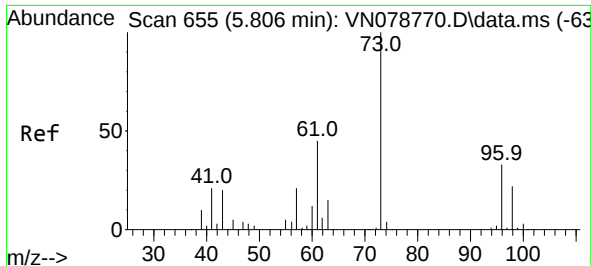
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#18
Methyl Acetate
Concen: 5.214 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Tgt Ion: 43 Resp: 21736
Ion Ratio Lower Upper
43 100
74 21.6 26.2 39.4





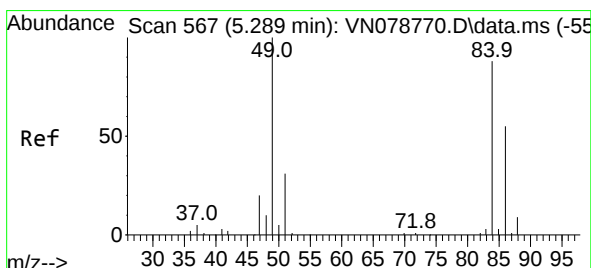
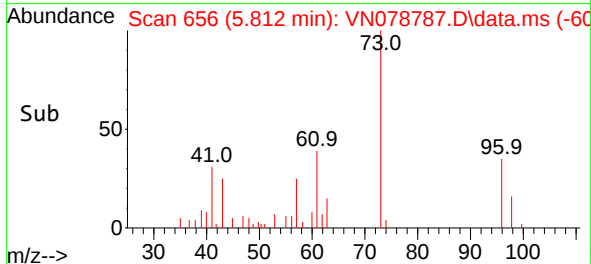
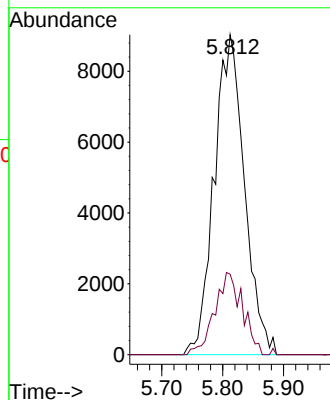
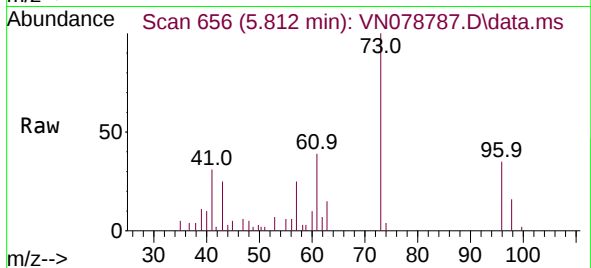
#19
Methyl tert-butyl Ether
Concen: 4.905 ug/l
RT: 5.812 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 3116
Ion Ratio Lower Upper
73 100
57 25.1 15.6 23.4

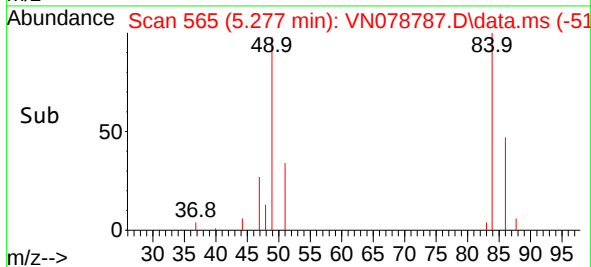
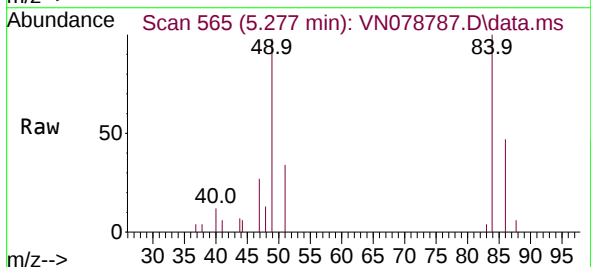
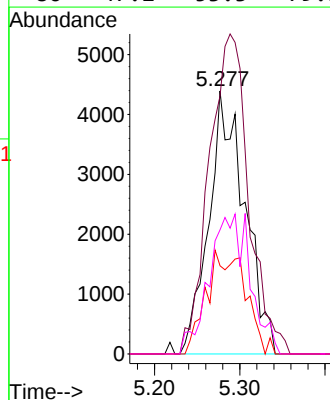
Manual Integrations
APPROVED

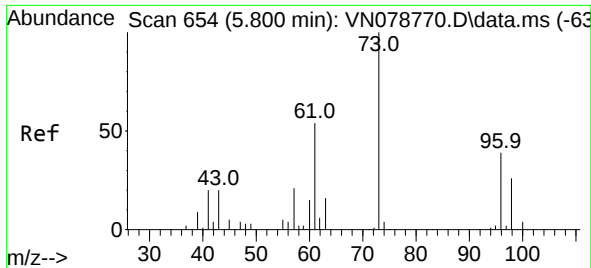
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#20
Methylene Chloride
Concen: 5.593 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.012 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

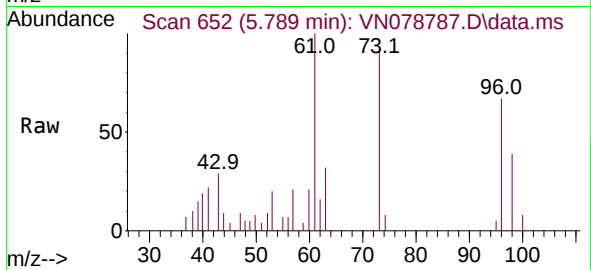
Tgt Ion: 84 Resp: 12857
Ion Ratio Lower Upper
84 100
49 98.1 79.7 119.5
51 33.5 25.2 37.8
86 47.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 5.302 ug/l m
RT: 5.789 min Scan# 611
Delta R.T. -0.012 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

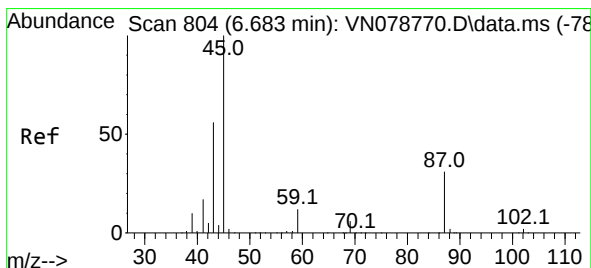
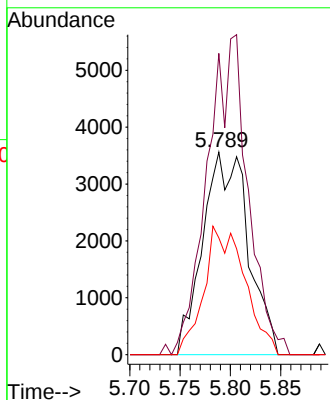
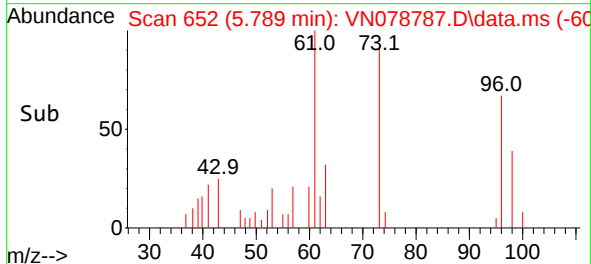
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



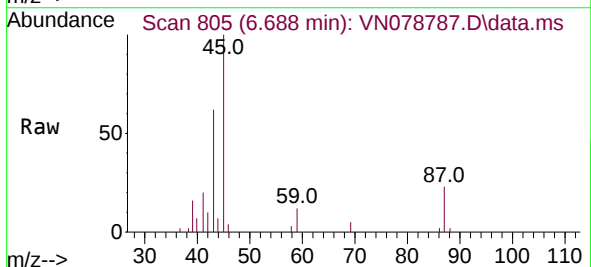
Tgt Ion: 96 Resp: 11158
Ion Ratio Lower Upper
96 100
61 148.7 90.1 135.1
98 57.6 46.4 69.6

Manual Integrations
APPROVED

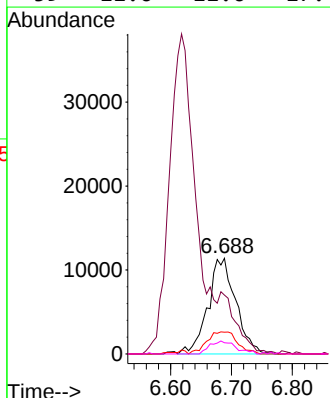
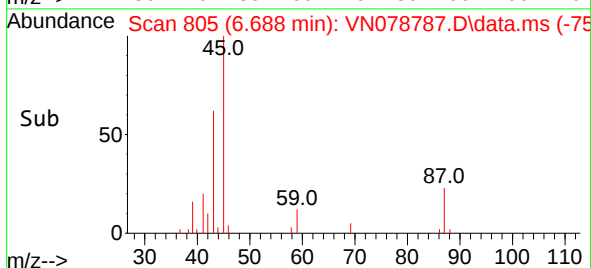
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023

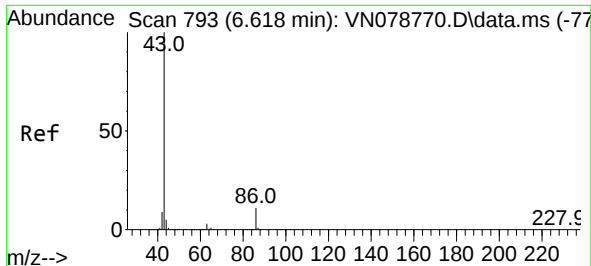


#22
Diisopropyl ether
Concen: 4.818 ug/l
RT: 6.688 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28



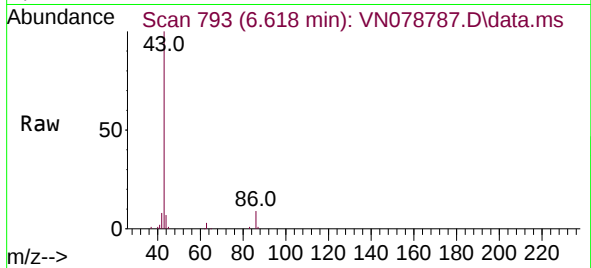
Tgt Ion: 45 Resp: 36245
Ion Ratio Lower Upper
45 100
43 61.6 45.5 68.3
87 22.8 31.8 47.8
59 11.6 11.6 17.4





#23
 Vinyl Acetate
 Concen: 24.257 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN078787.D
 Acq: 07 Aug 2023 20:28

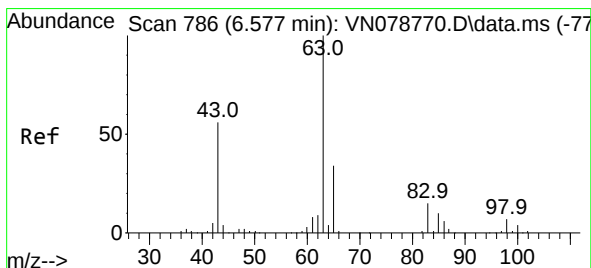
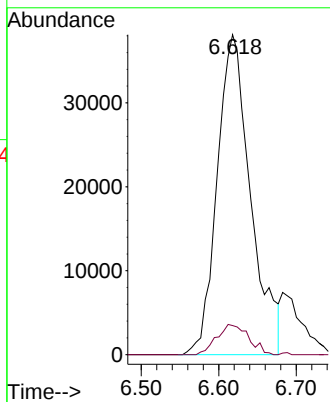
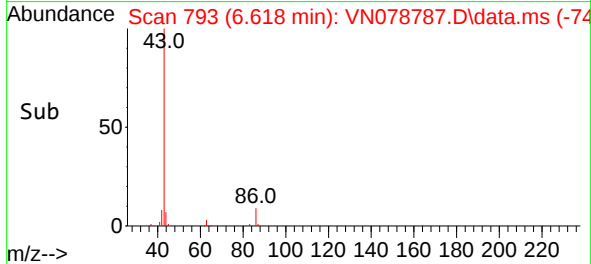
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



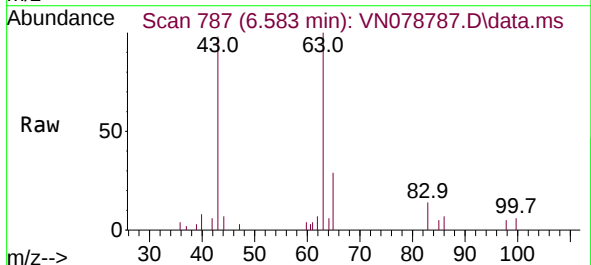
Tgt Ion: 43 Resp: 11451
 Ion Ratio Lower Upper
 43 100
 86 9.1 13.0 19.6

Manual Integrations
 APPROVED

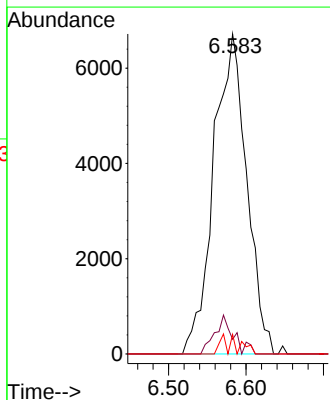
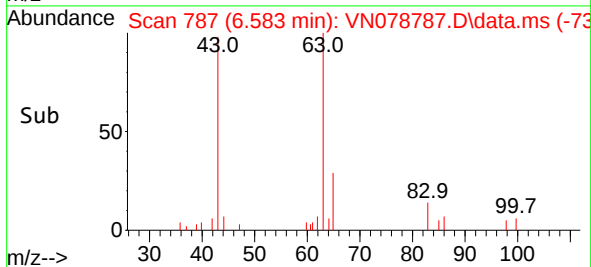
Reviewed By :John Carlone 08/08/2023
 Supervised By :Semsettin Yesilyurt 08/08/2023

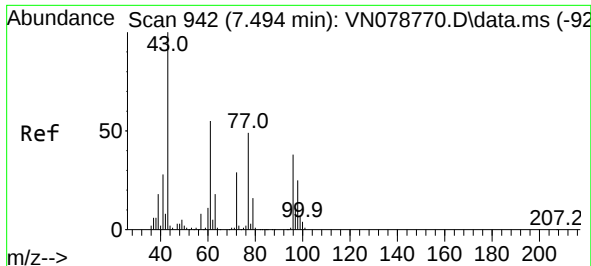


#24
 1,1-Dichloroethane
 Concen: 4.868 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078787.D
 Acq: 07 Aug 2023 20:28



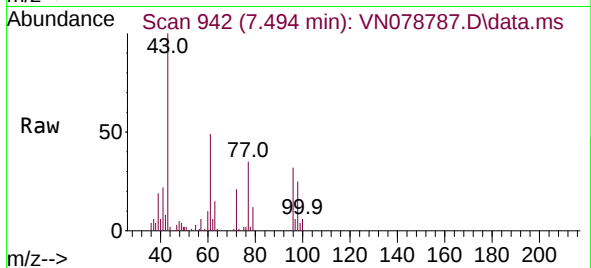
Tgt Ion: 63 Resp: 19914
 Ion Ratio Lower Upper
 63 100
 98 4.6 3.9 11.7
 100 6.1 2.5 7.4





#25
2-Butanone
Concen: 24.443 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

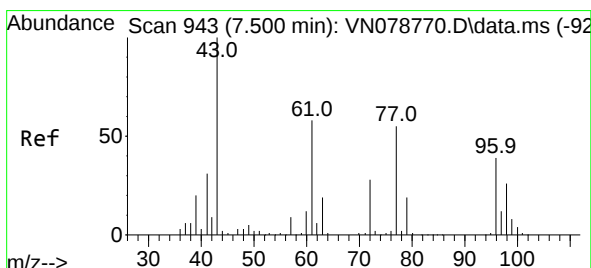
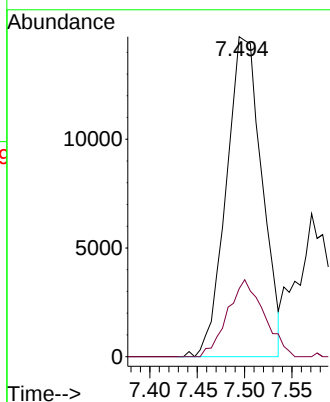
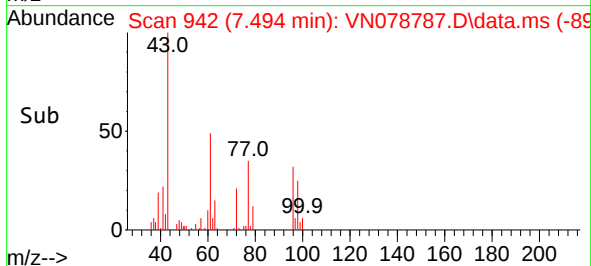
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



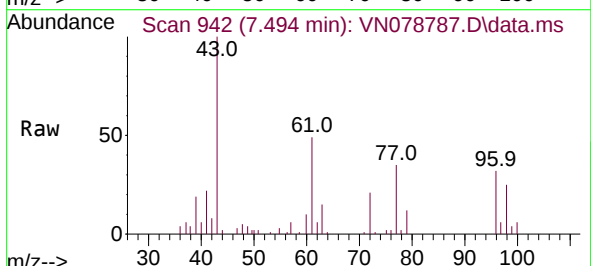
Tgt Ion: 43 Resp: 38418
Ion Ratio Lower Upper
43 100
72 21.2 30.2 45.2

Manual Integrations
APPROVED

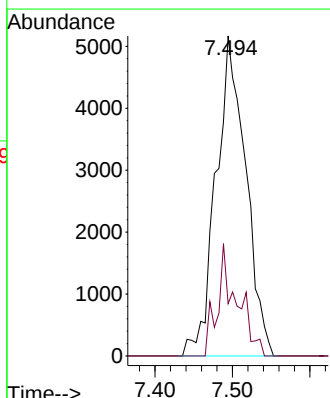
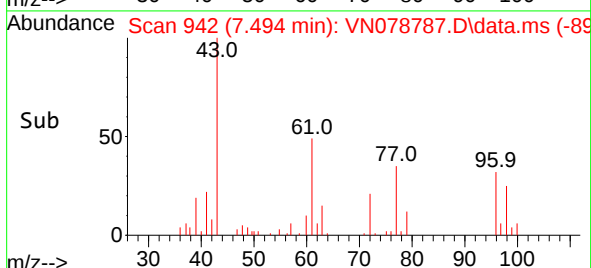
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023

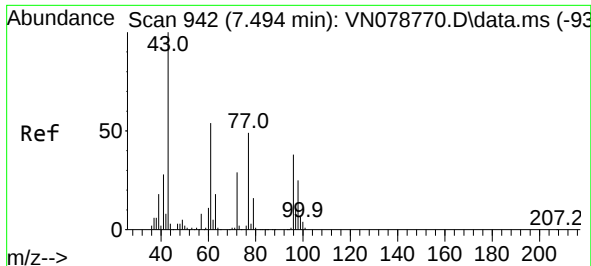


#26
2,2-Dichloropropane
Concen: 4.833 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28



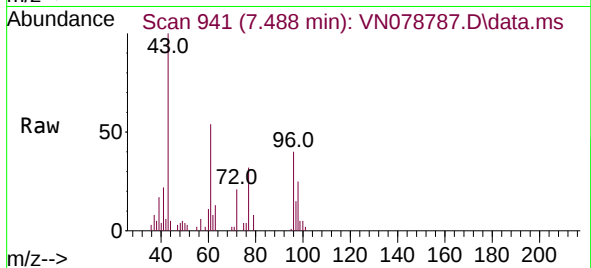
Tgt Ion: 77 Resp: 13806
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 4.957 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN078787.D
 Acq: 07 Aug 2023 20:28

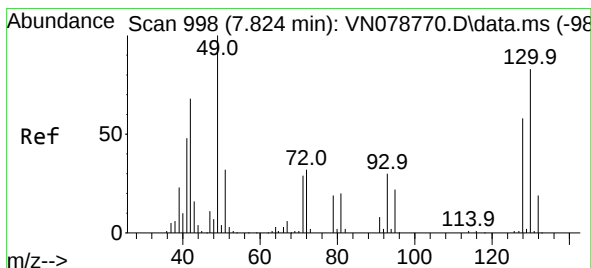
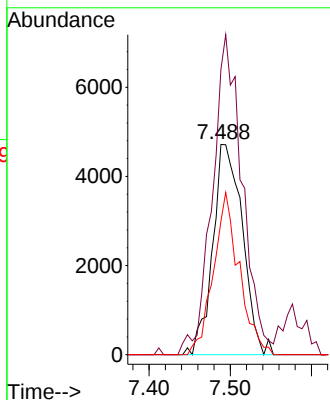
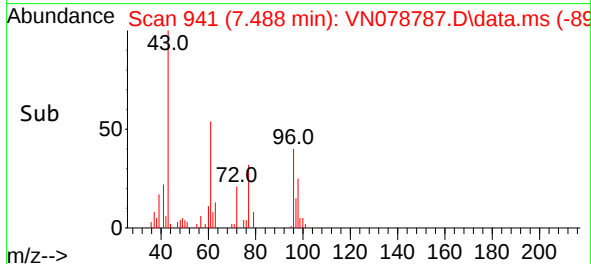
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 1197
 Ion Ratio Lower Upper
 96 100
 61 153.6 0.0 255.2
 98 67.3 0.0 128.8

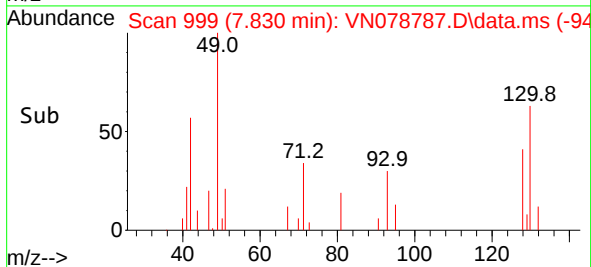
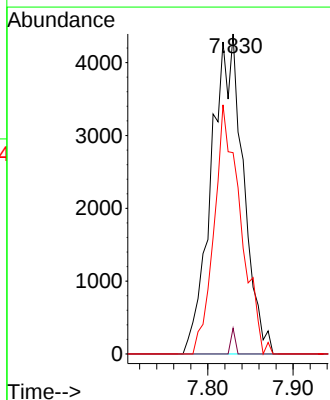
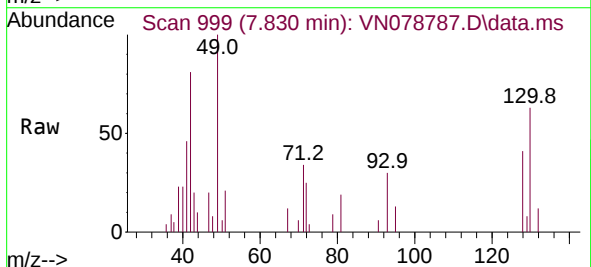
Manual Integrations
 APPROVED

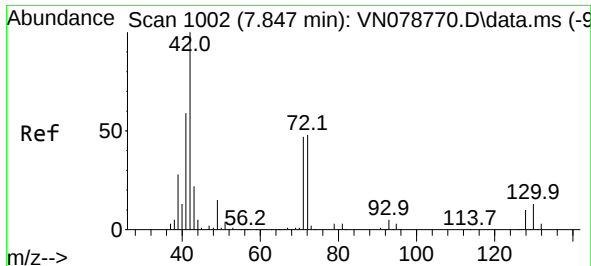
Reviewed By :John Carlone 08/08/2023
 Supervised By :Semsettin Yesilyurt 08/08/2023



#28
 Bromochloromethane
 Concen: 5.161 ug/l
 RT: 7.830 min Scan# 999
 Delta R.T. 0.006 min
 Lab File: VN078787.D
 Acq: 07 Aug 2023 20:28

Tgt Ion: 49 Resp: 11441
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.8
 130 64.4 75.3 112.9#





#29

Tetrahydrofuran

Concen: 24.706 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

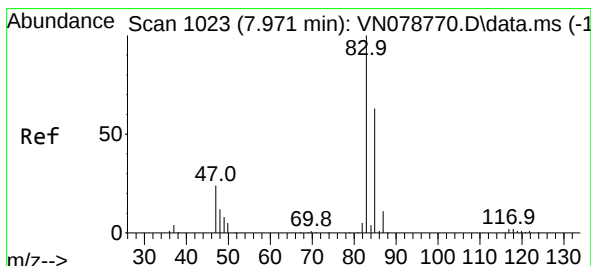
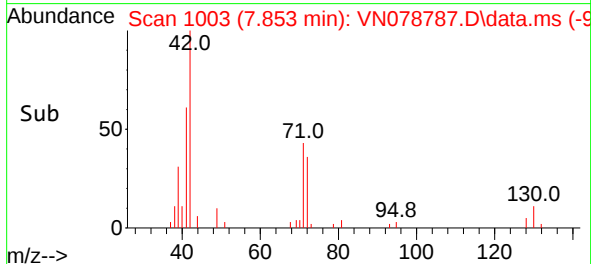
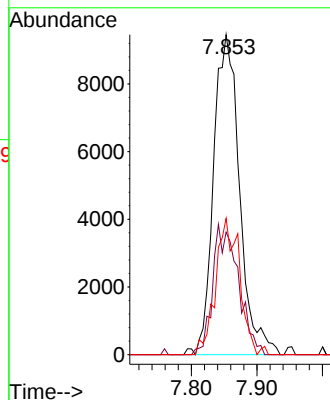
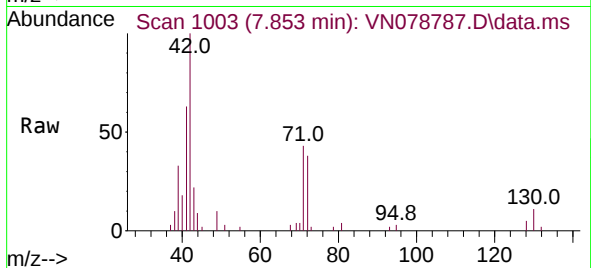
Tgt Ion:	42	Resp:	2598
Ion Ratio	Lower	Upper	
42	100		
72	40.0	49.8	74.6
71	38.9	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2023

Supervised By :Semsettin Yesilyurt 08/08/2023



#30

Chloroform

Concen: 5.196 ug/l

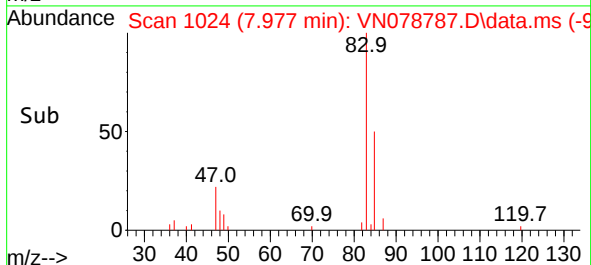
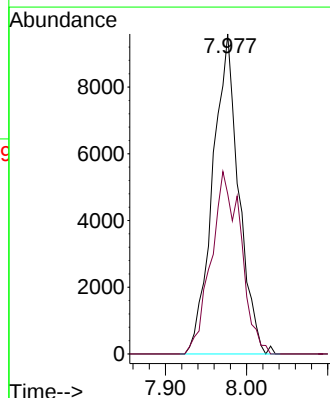
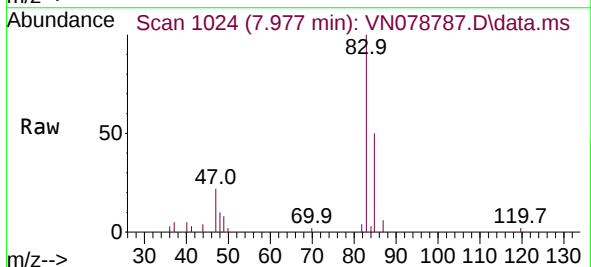
RT: 7.977 min Scan# 1024

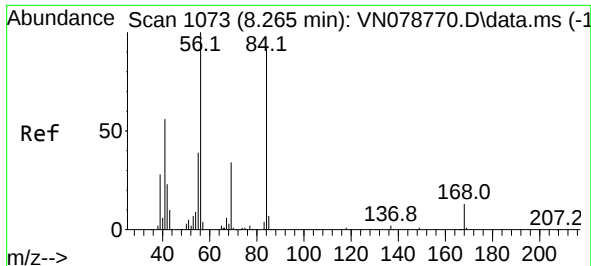
Delta R.T. 0.006 min

Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

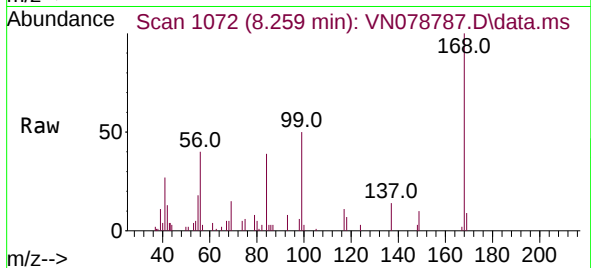
Tgt Ion:	83	Resp:	21405
Ion Ratio	Lower	Upper	
83	100		
85	50.0	55.4	83.0





#31
Cyclohexane
Concen: 5.634 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

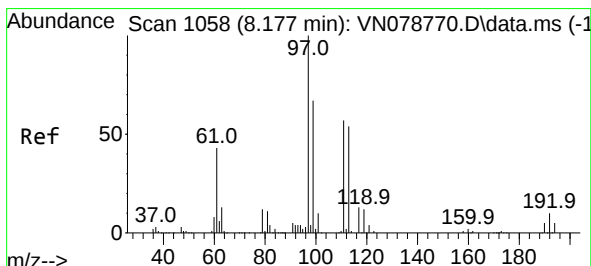
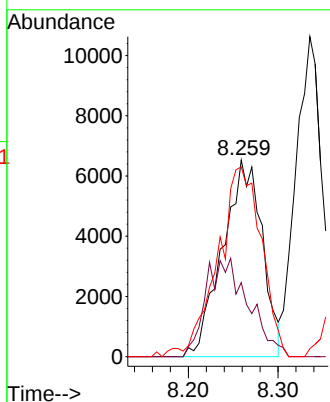
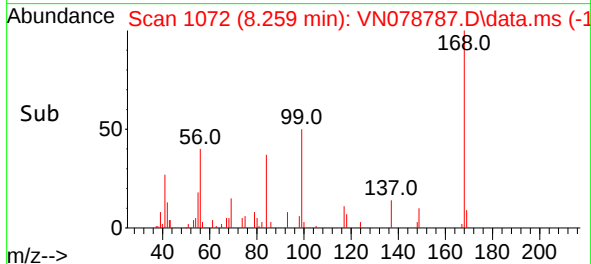
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 1997
Ion Ratio Lower Upper
56 100
69 37.7 26.8 40.2
84 92.4 81.8 122.6

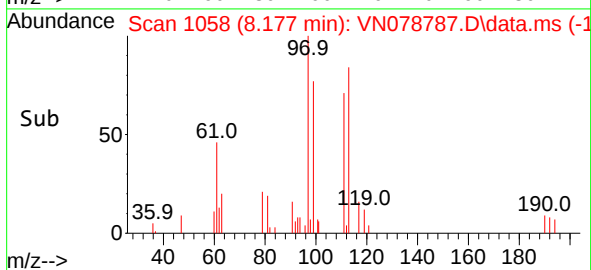
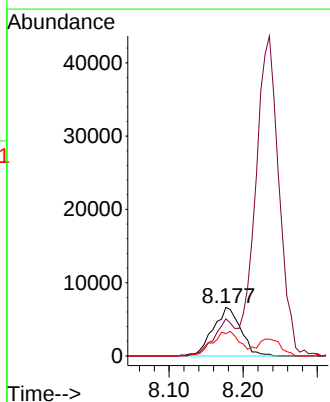
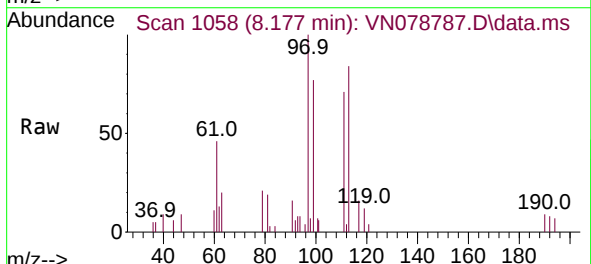
Manual Integrations
APPROVED

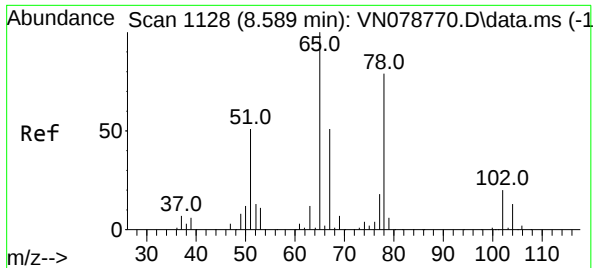
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#32
1,1,1-Trichloroethane
Concen: 4.912 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Tgt Ion: 97 Resp: 17203
Ion Ratio Lower Upper
97 100
99 63.1 50.3 75.5
61 49.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 5.809 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

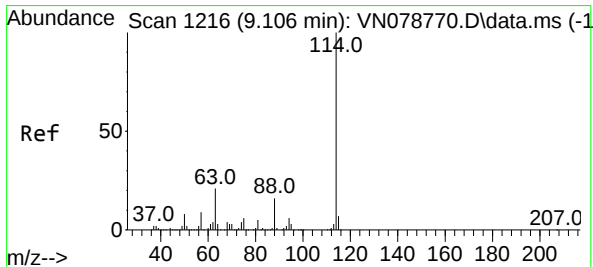
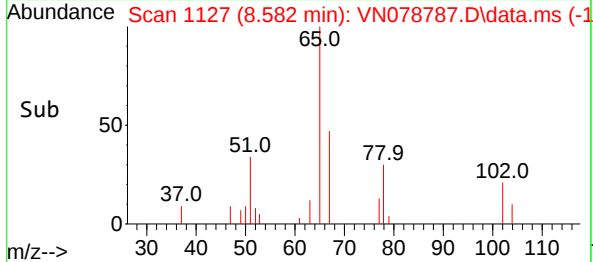
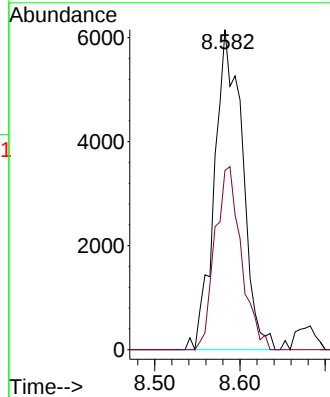
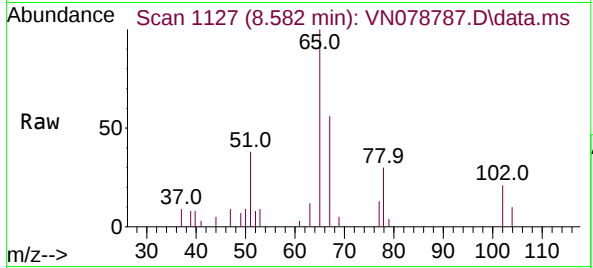
Tgt Ion: 65 Resp: 14014
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2023

Supervised By :Semsettin Yesilyurt 08/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

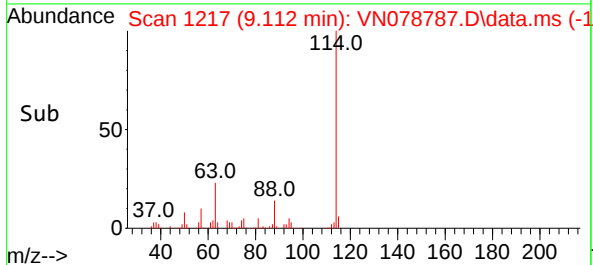
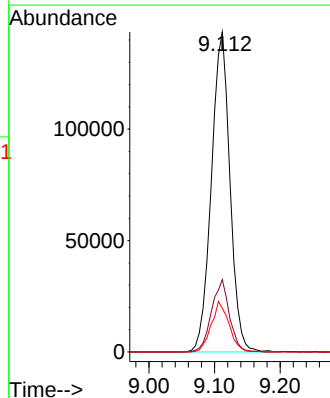
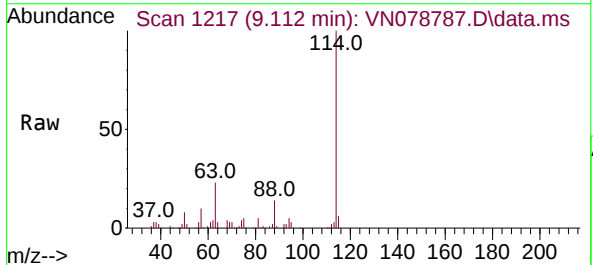
RT: 9.112 min Scan# 1217

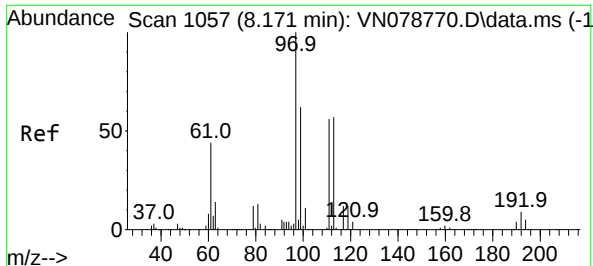
Delta R.T. 0.006 min

Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

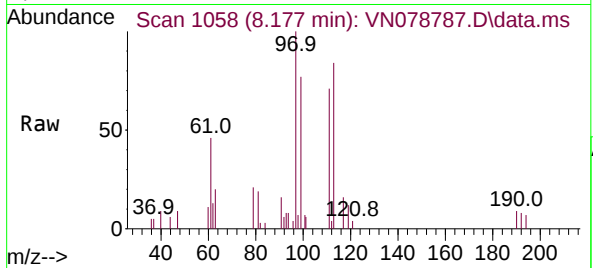
Tgt Ion:114 Resp: 282301
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 36.4
 88 13.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 5.709 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

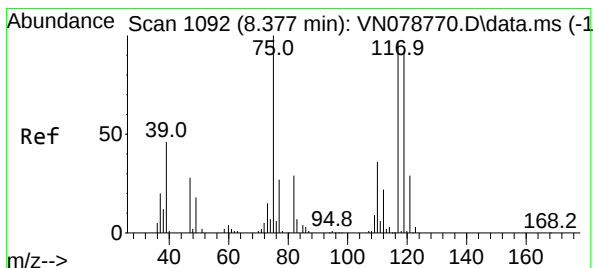
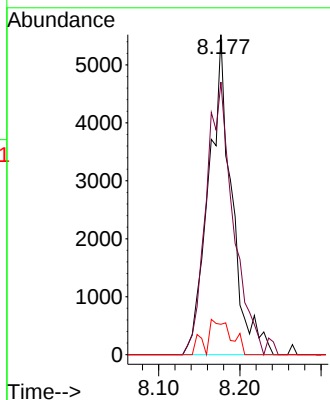
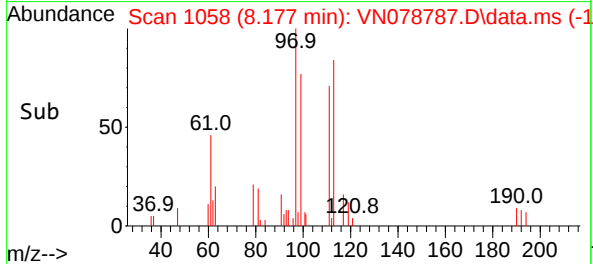
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 1088
Ion Ratio Lower Upper
113 100
111 100.3 82.6 123.8
192 12.0 12.7 19.1

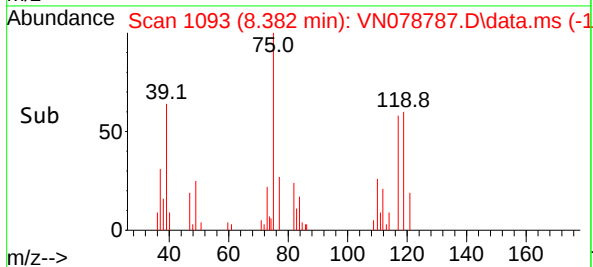
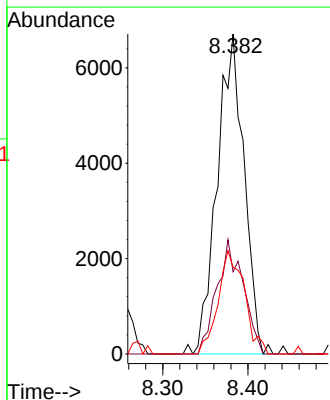
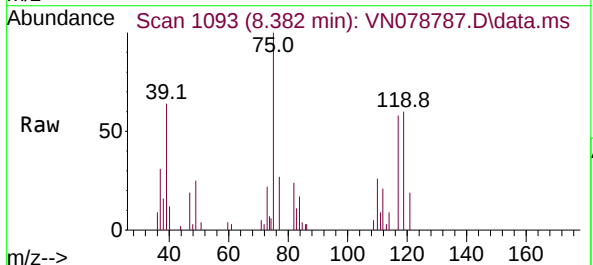
Manual Integrations
APPROVED

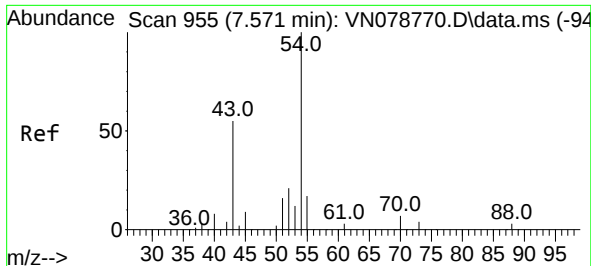
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#36
1,1-Dichloropropene
Concen: 4.995 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Tgt Ion: 75 Resp: 14774
Ion Ratio Lower Upper
75 100
110 34.9 19.1 57.3
77 31.5 25.0 37.4





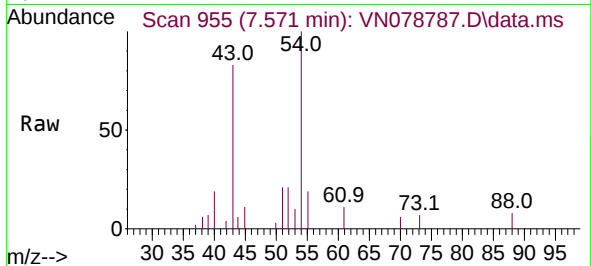
#37
Ethyl Acetate
Concen: 4.651 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



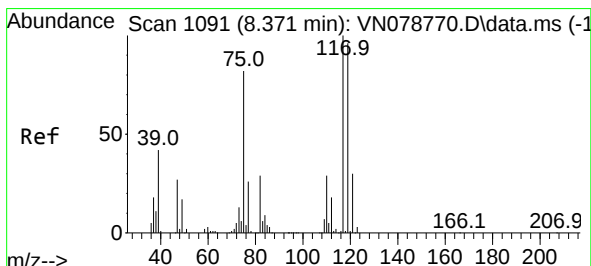
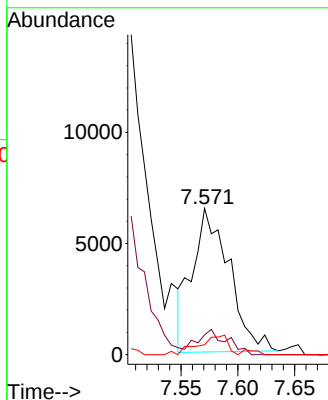
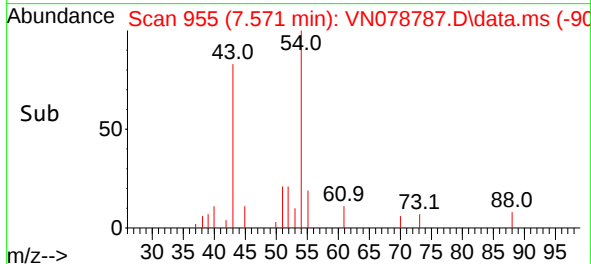
Tgt Ion: 43 Resp: 14629
Ion Ratio Lower Upper
43 100
61 13.8 13.2 19.8
70 10.5 11.3 16.9

Manual Integrations

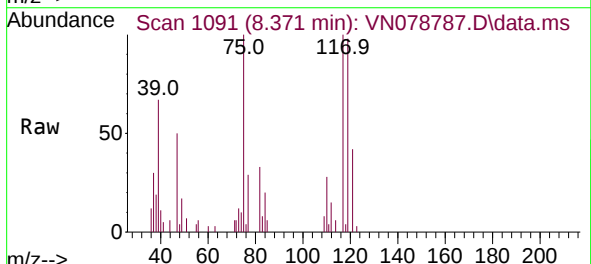
APPROVED

Reviewed By :John Carlone 08/08/2023

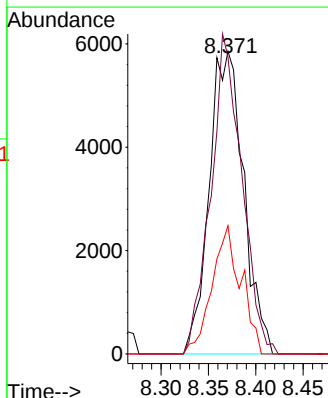
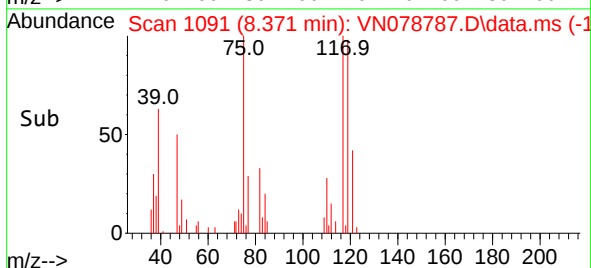
Supervised By :Semsettin Yesilyurt 08/08/2023

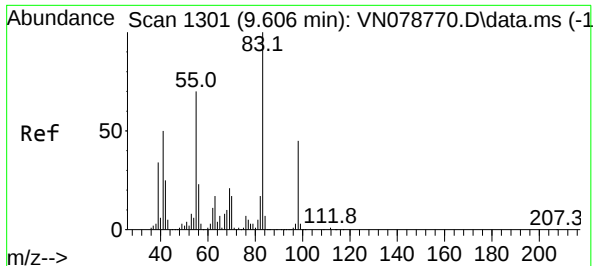


#38
Carbon Tetrachloride
Concen: 4.857 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28



Tgt Ion:117 Resp: 14809
Ion Ratio Lower Upper
117 100
119 98.1 77.3 115.9
121 42.3 23.3 34.9





#39

Methylcyclohexane

Concen: 4.915 ug/l

RT: 9.612 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

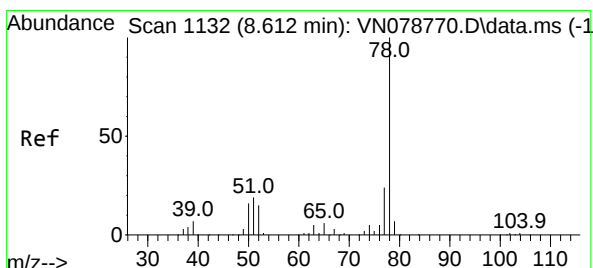
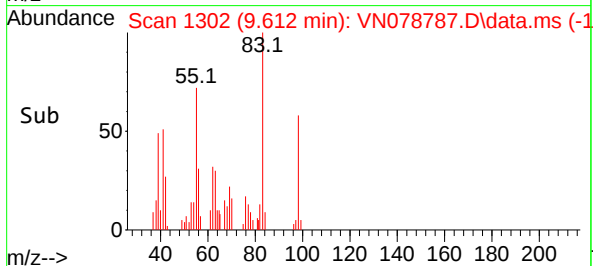
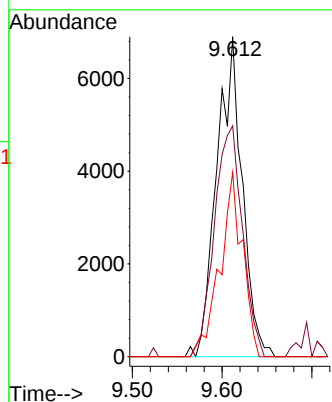
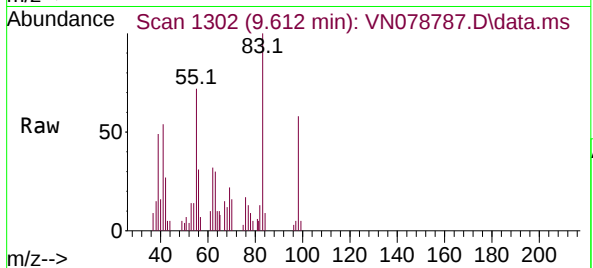
Tgt Ion:	83	Resp:	13579
Ion	Ratio	Lower	Upper
83	100		
55	72.1	49.1	73.7
98	57.6	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2023

Supervised By :Semsettin Yesilyurt 08/08/2023



#40

Benzene

Concen: 4.994 ug/l

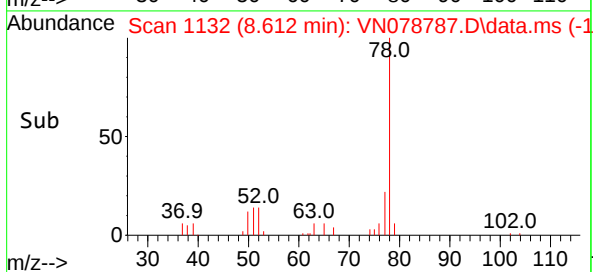
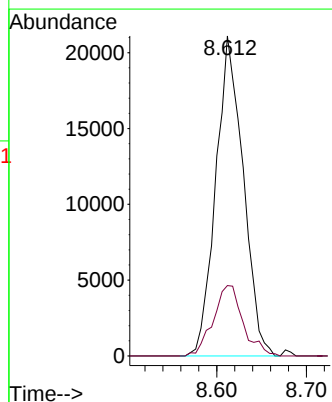
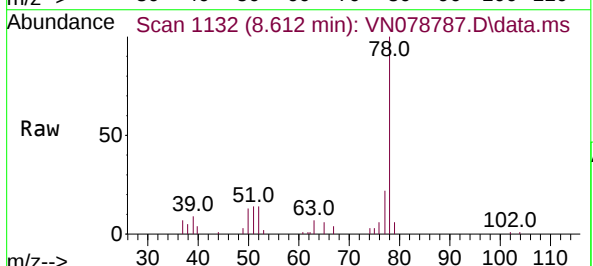
RT: 8.612 min Scan# 1132

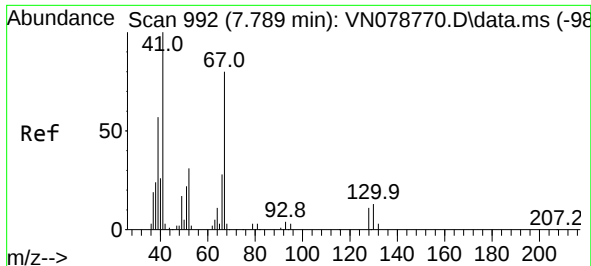
Delta R.T. -0.000 min

Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

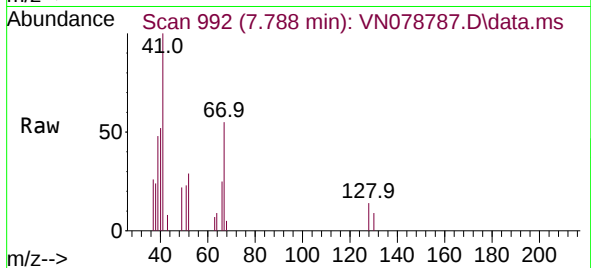
Tgt Ion:	78	Resp:	44677
Ion	Ratio	Lower	Upper
78	100		
77	22.0	19.0	28.6





#41
Methacrylonitrile
Concen: 5.401 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

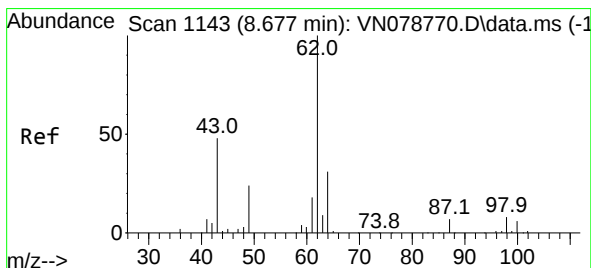
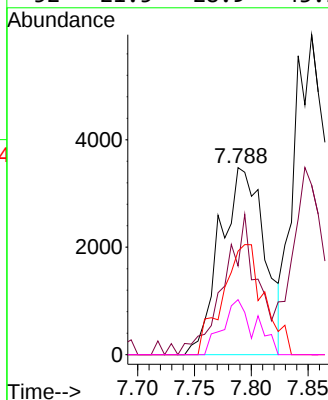
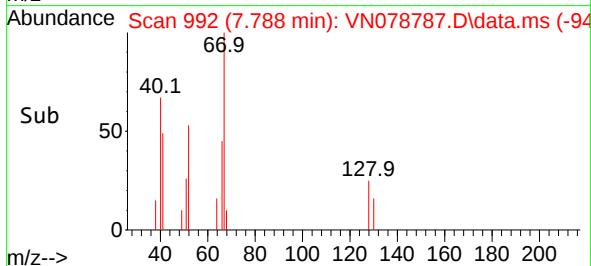
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005



Tgt Ion:	41	Resp:	944
Ion Ratio	100	Lower	Upper
39	55.9	42.6	64.0
67	54.7	77.5	116.3
52	21.5	28.9	43.3

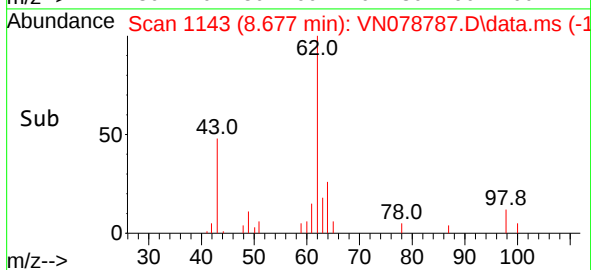
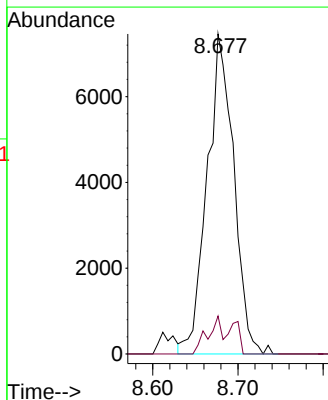
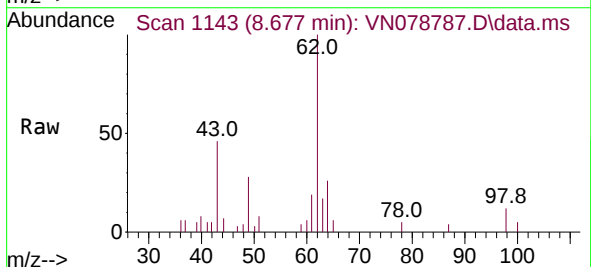
Manual Integrations
APPROVED

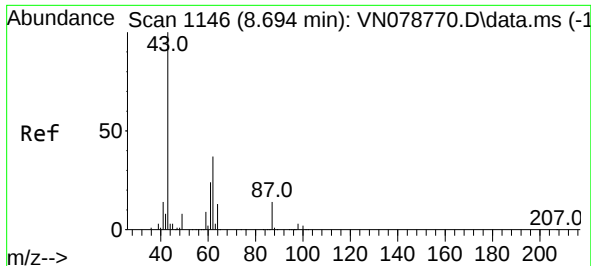
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#42
1,2-Dichloroethane
Concen: 5.047 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

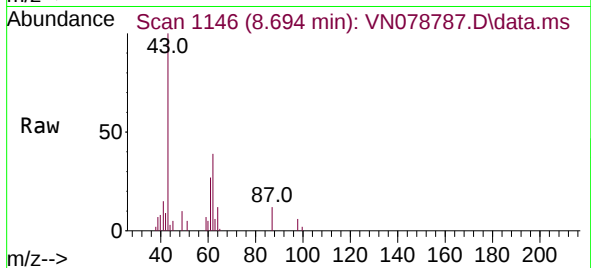
Tgt Ion:	62	Resp:	16228
Ion Ratio	100	Lower	Upper
98	6.2	0.0	19.8





#43
Isopropyl Acetate
Concen: 4.813 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

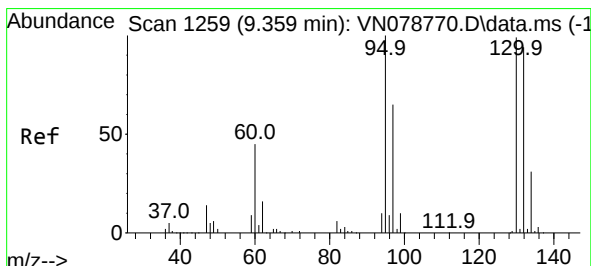
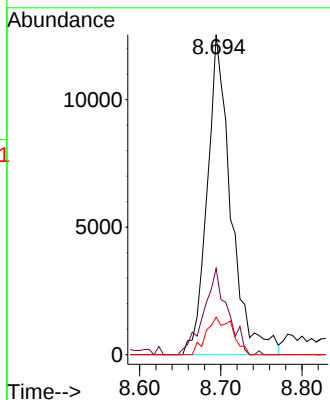
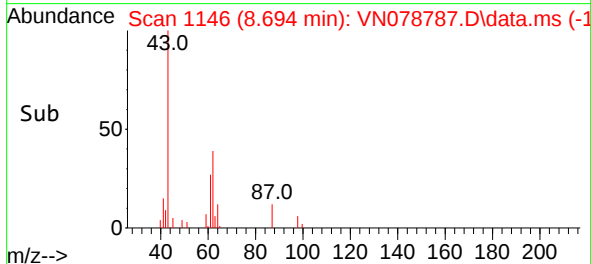
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 2551
Ion Ratio Lower Upper
43 100
61 26.8 24.7 37.1
87 13.0 14.6 21.8

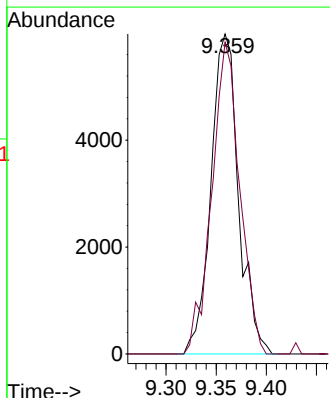
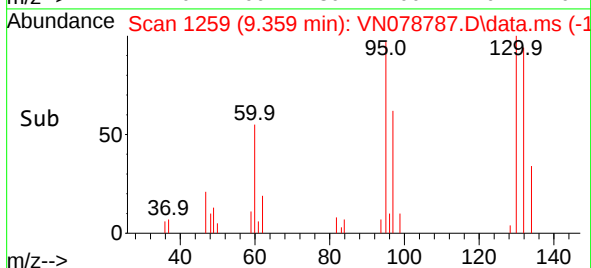
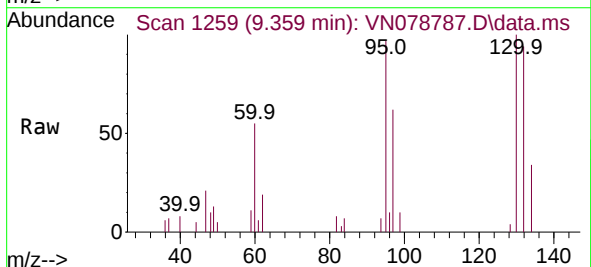
Manual Integrations
APPROVED

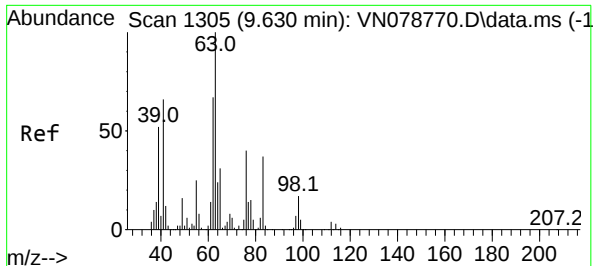
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#44
Trichloroethene
Concen: 5.232 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Tgt Ion:130 Resp: 11463
Ion Ratio Lower Upper
130 100
95 97.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 4.817 ug/l

RT: 9.629 min Scan# 1155

Delta R.T. -0.000 min

Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1155

Ion Ratio Lower Upper

63 100

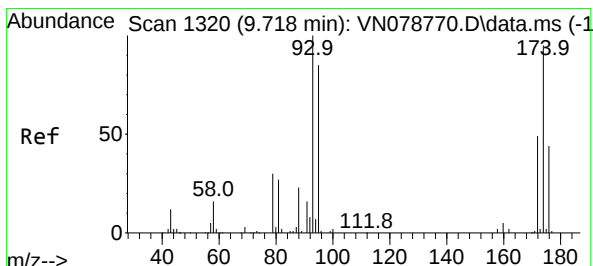
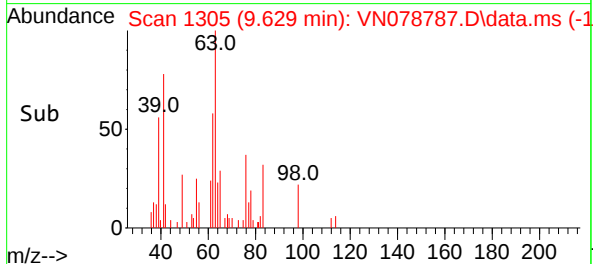
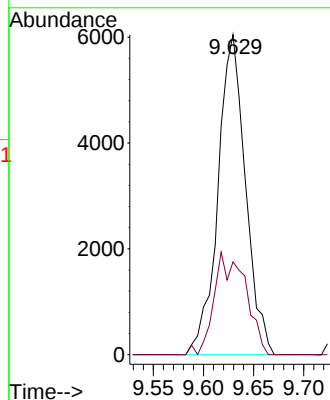
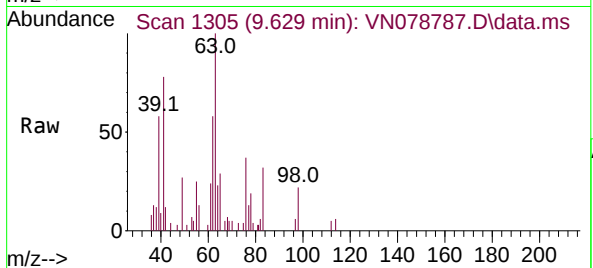
65 29.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2023

Supervised By :Semsettin Yesilyurt 08/08/2023



#46

Dibromomethane

Concen: 5.101 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

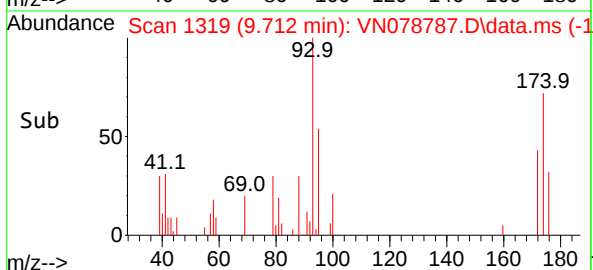
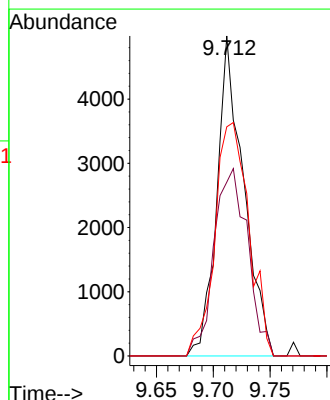
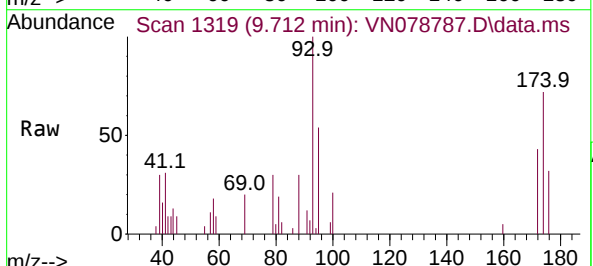
Tgt Ion: 93 Resp: 8141

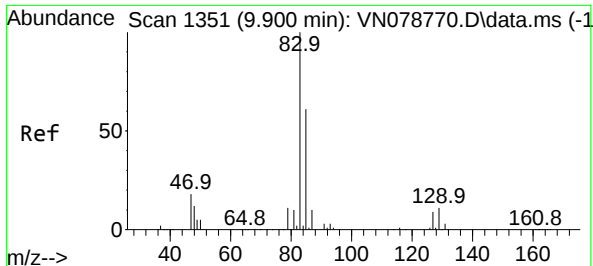
Ion Ratio Lower Upper

93 100

95 73.7 63.8 95.8

174 92.9 65.6 98.4





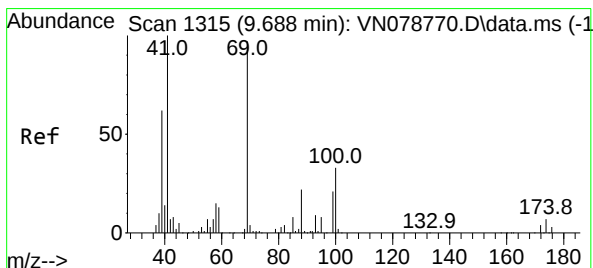
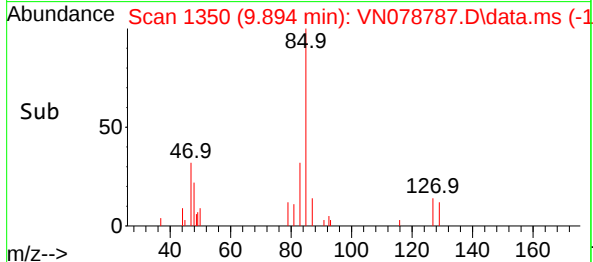
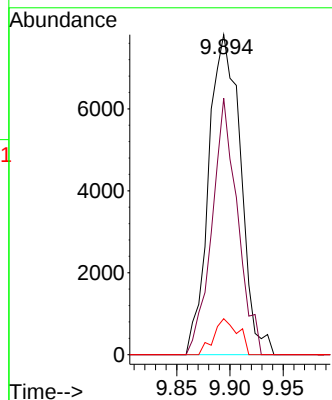
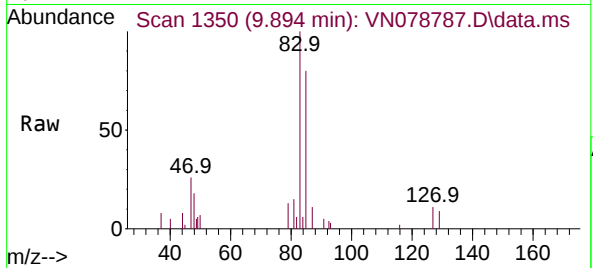
#47
Bromodichloromethane
Concen: 5.108 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.006 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1622
Ion Ratio Lower Upper
83 100
85 80.1 49.6 74.4
127 11.3 7.0 10.6

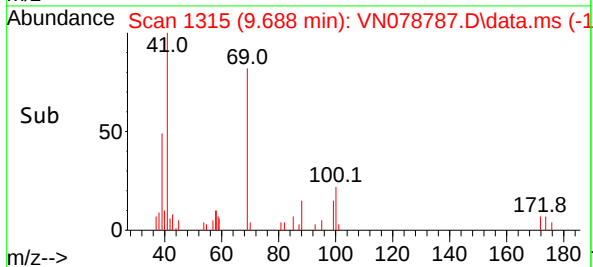
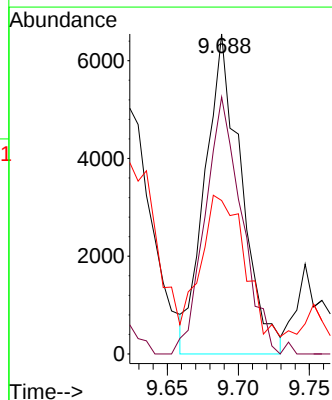
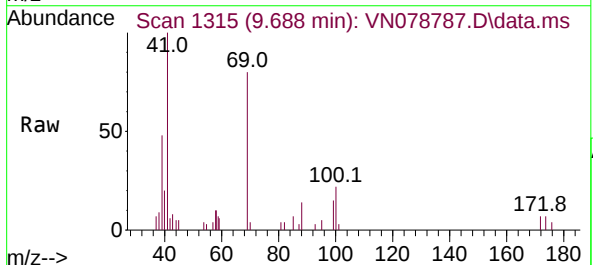
Manual Integrations
APPROVED

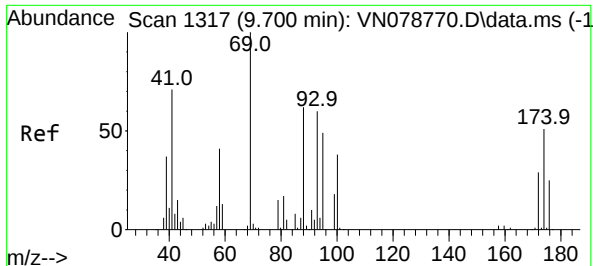
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#48
Methyl methacrylate
Concen: 4.741 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Tgt Ion: 41 Resp: 11615
Ion Ratio Lower Upper
41 100
69 81.0 90.4 135.6
39 64.8 54.6 81.8





#49

1,4-Dioxane

Concen: 88.840 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 88 Resp: 3534

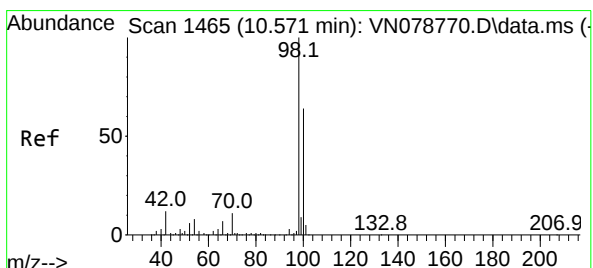
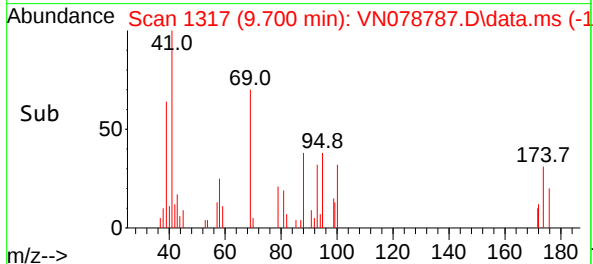
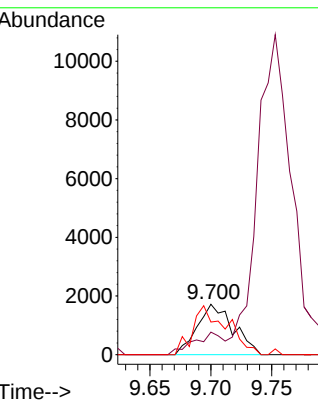
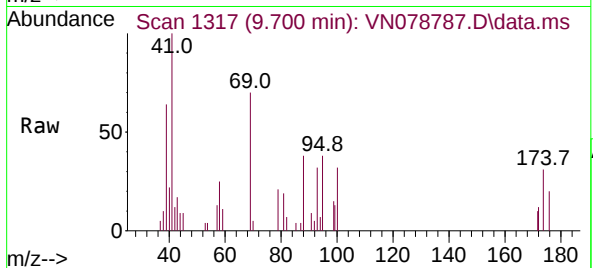
Ion	Ratio	Lower	Upper
88	100		
43	36.3	17.0	25.6
58	92.3	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2023

Supervised By :Semsettin Yesilyurt 08/08/2023



#50

Toluene-d8

Concen: 5.252 ug/l

RT: 10.571 min Scan# 1465

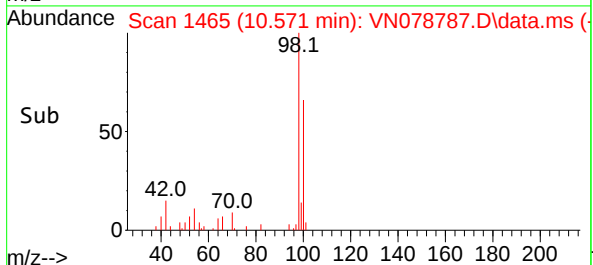
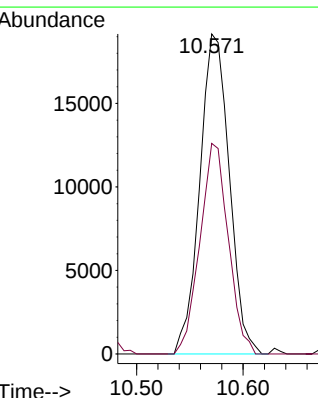
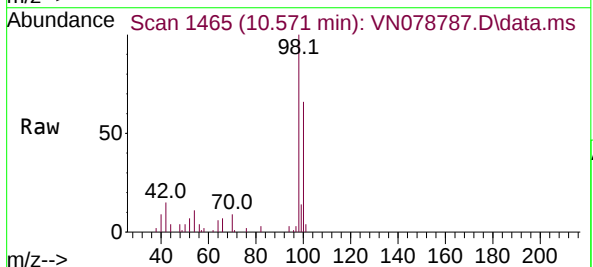
Delta R.T. -0.000 min

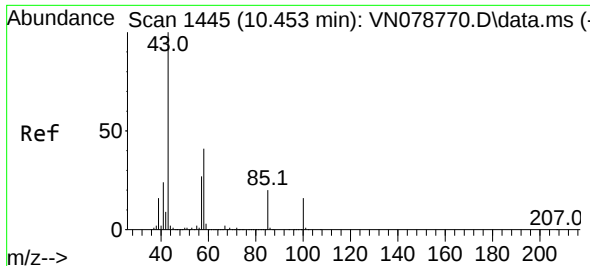
Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

Tgt Ion: 98 Resp: 36845

Ion	Ratio	Lower	Upper
98	100		
100	63.2	52.0	78.0





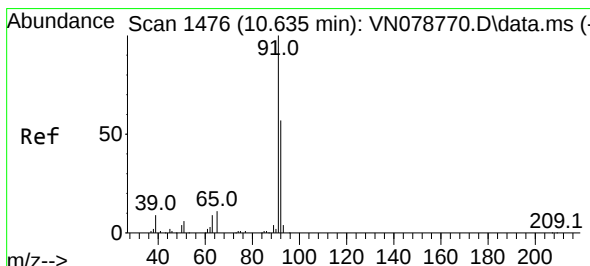
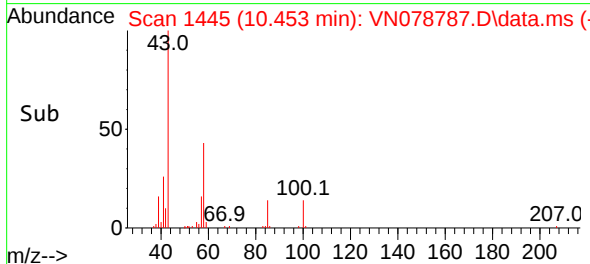
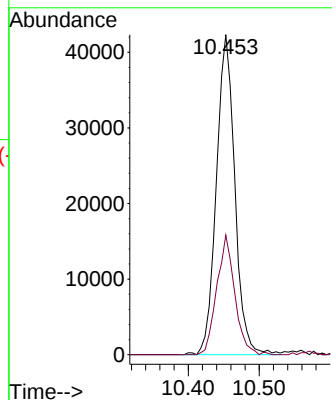
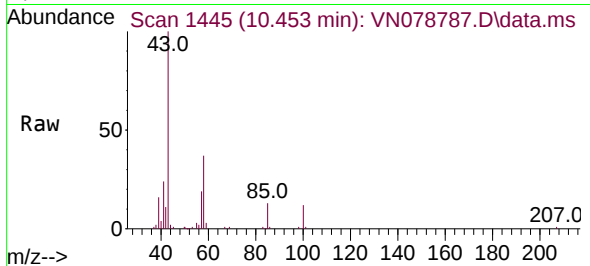
#51
4-Methyl-2-Pentanone
Concen: 23.481 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 76252
Ion Ratio Lower Upper
43 100
58 36.5 36.6 54.8

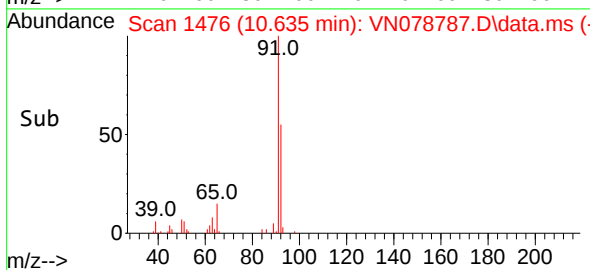
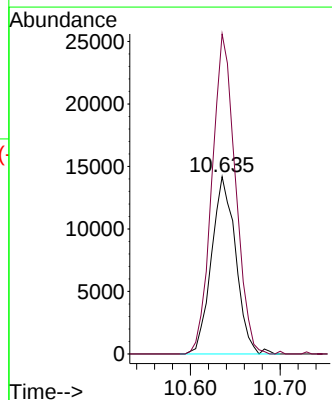
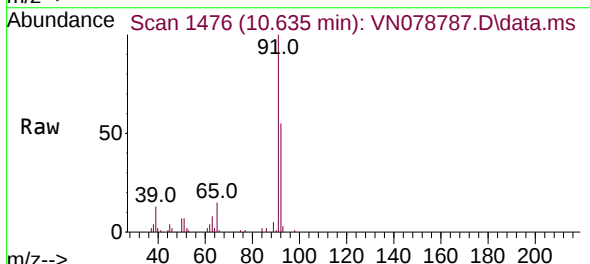
Manual Integrations
APPROVED

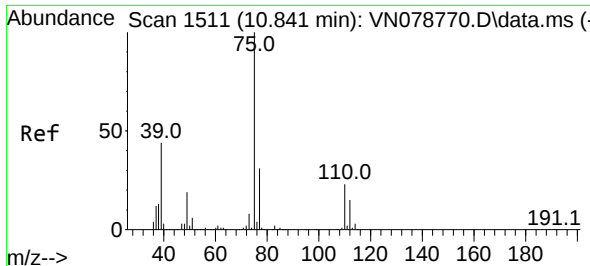
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#52
Toluene
Concen: 4.862 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

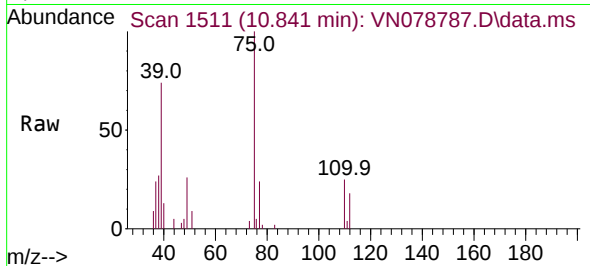
Tgt Ion: 92 Resp: 26560
Ion Ratio Lower Upper
92 100
91 175.0 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 4.791 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN078787.D
 Acq: 07 Aug 2023 20:28

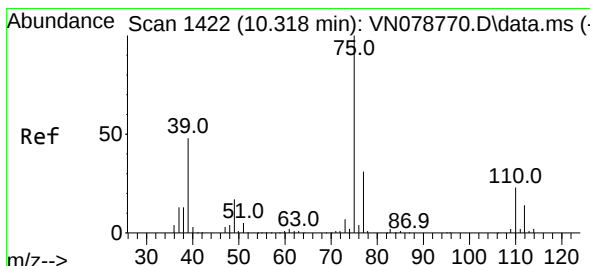
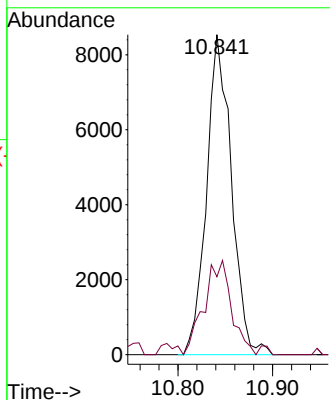
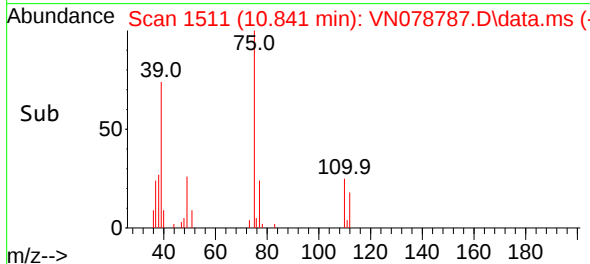
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 75 Resp: 15550
 Ion Ratio Lower Upper
 75 100
 77 24.4 25.4 38.0

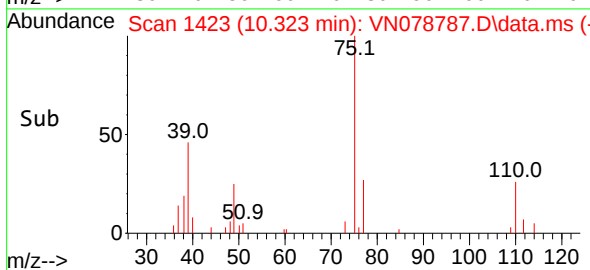
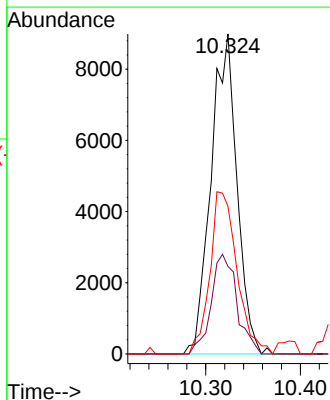
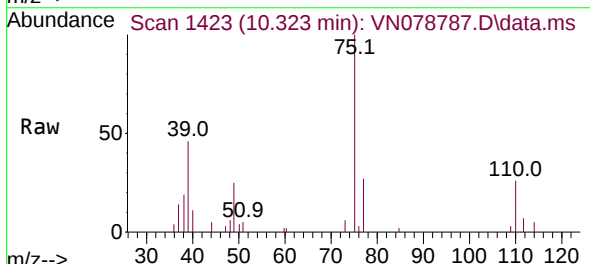
Manual Integrations
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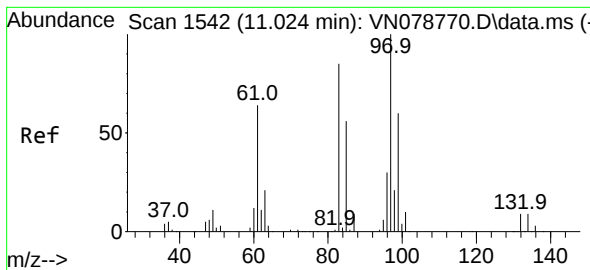
Reviewed By :John Carlone 08/08/2023
 Supervised By :Semsettin Yesilyurt 08/08/2023



#54
 cis-1,3-Dichloropropene
 Concen: 4.859 ug/l
 RT: 10.323 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VN078787.D
 Acq: 07 Aug 2023 20:28

Tgt Ion: 75 Resp: 17137
 Ion Ratio Lower Upper
 75 100
 77 27.3 26.1 39.1
 39 46.1 31.6 47.4





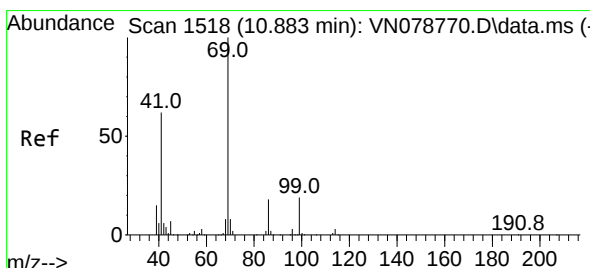
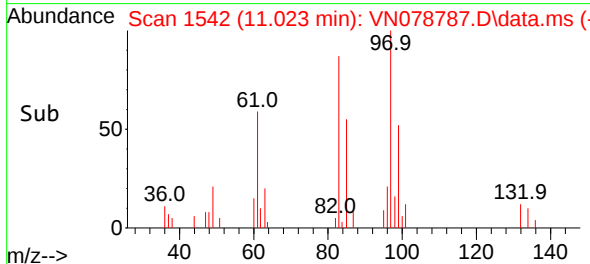
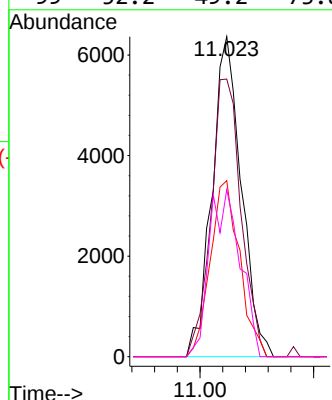
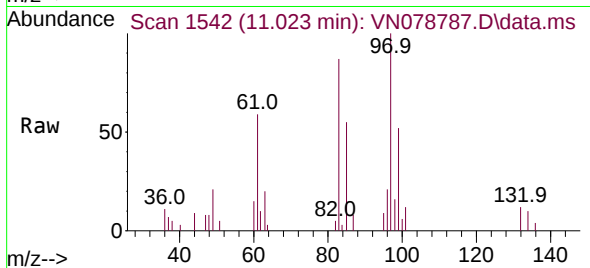
#55
1,1,2-Trichloroethane
Concen: 5.256 ug/l
RT: 11.023 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.8	65.1	97.7
85	55.0	43.4	65.2
99	52.2	49.2	73.8

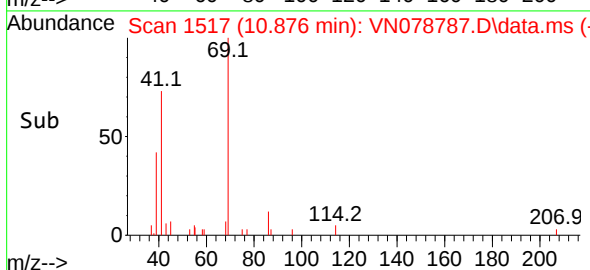
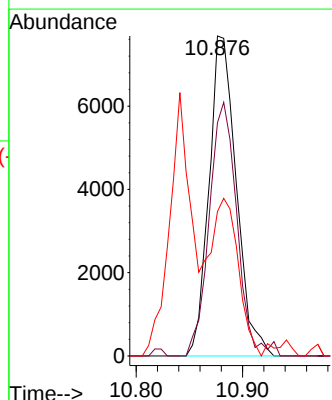
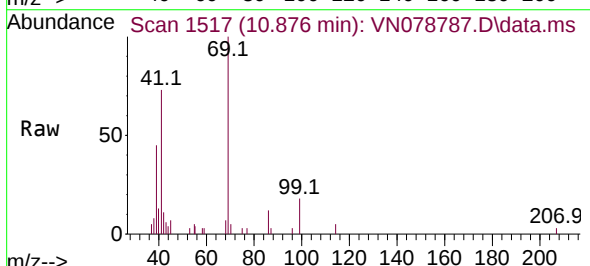
Manual Integrations
APPROVED

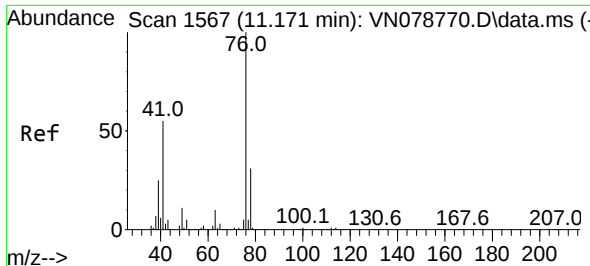
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#56
Ethyl methacrylate
Concen: 4.351 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Tgt Ion	Ratio	Lower	Upper
69	100		
41	80.4	39.6	59.4#
39	46.8	28.6	43.0#





#57

1,3-Dichloropropane

Concen: 5.048 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 1905

Ion Ratio Lower Upper

76 100

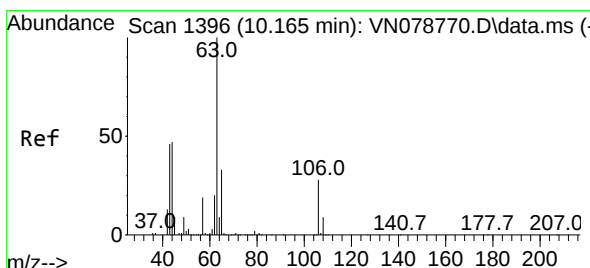
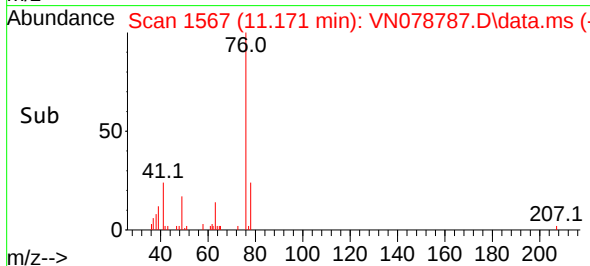
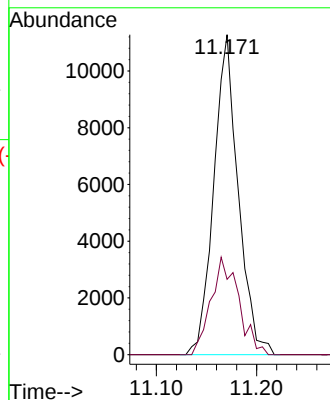
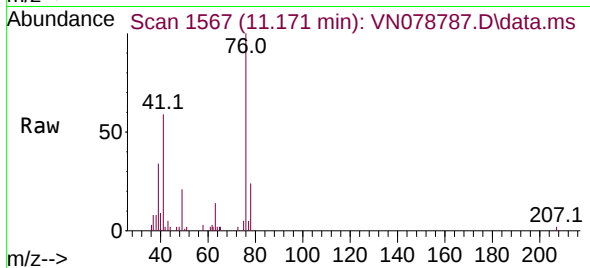
78 34.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2023

Supervised By :Semsettin Yesilyurt 08/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 21.855 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078787.D

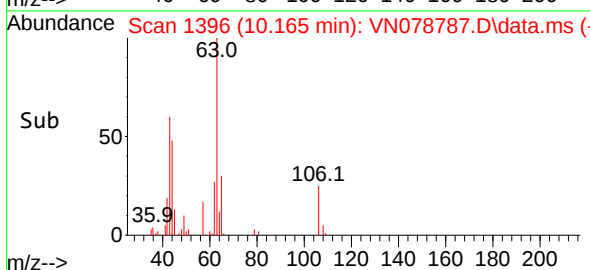
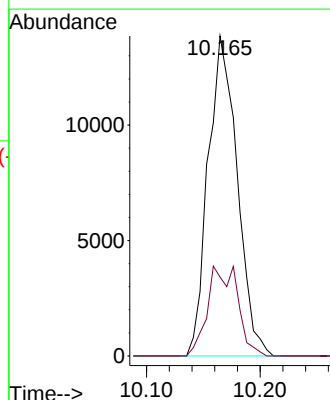
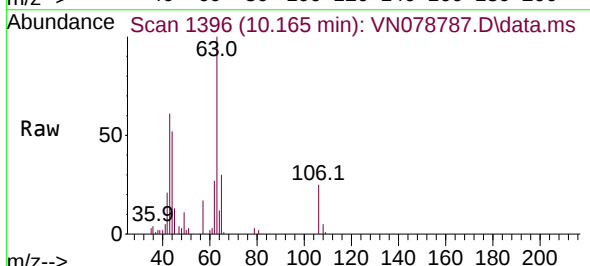
Acq: 07 Aug 2023 20:28

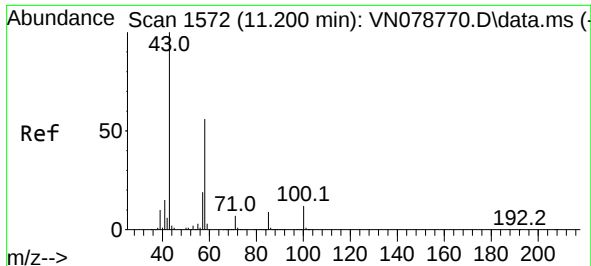
Tgt Ion: 63 Resp: 24708

Ion Ratio Lower Upper

63 100

106 29.0 26.2 39.4





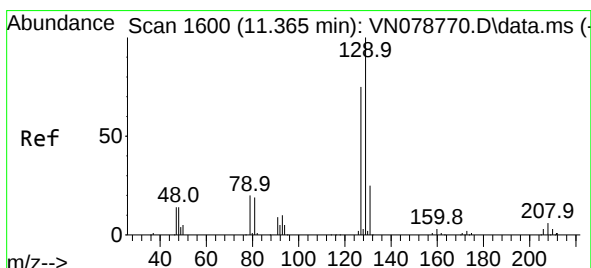
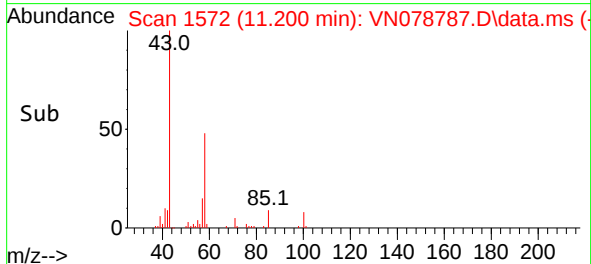
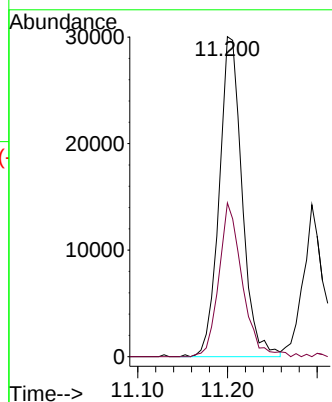
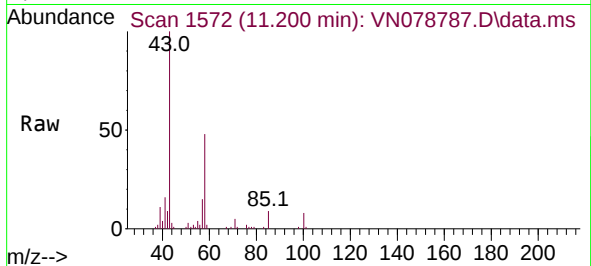
#59
2-Hexanone
Concen: 23.179 ug/l
RT: 11.200 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 53295
Ion Ratio Lower Upper
43 100
58 48.9 31.7 95.1

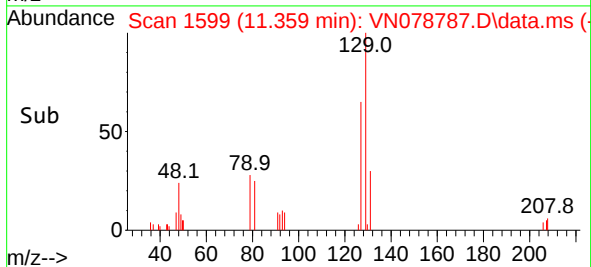
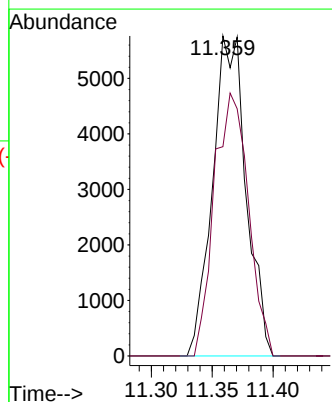
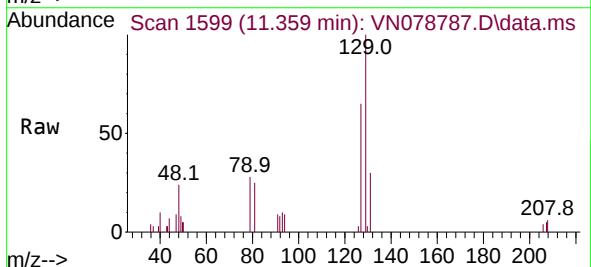
Manual Integrations
APPROVED

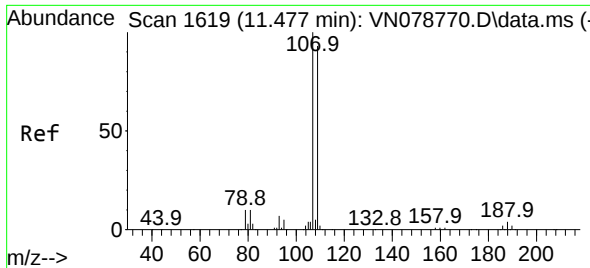
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#60
Dibromochloromethane
Concen: 4.855 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Tgt Ion:129 Resp: 11065
Ion Ratio Lower Upper
129 100
127 83.6 38.6 116.0





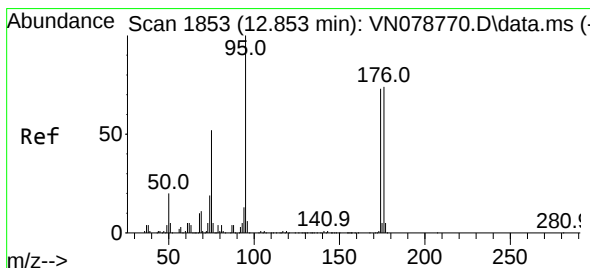
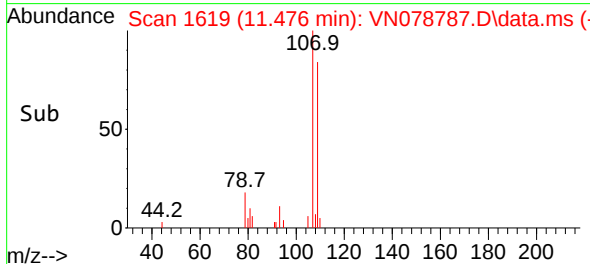
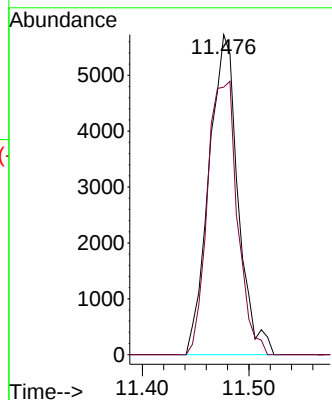
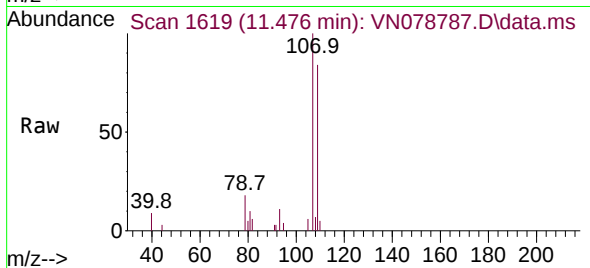
#61
1,2-Dibromoethane
Concen: 5.048 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 1085
Ion Ratio Lower Upper
107 100
109 88.0 76.6 114.8

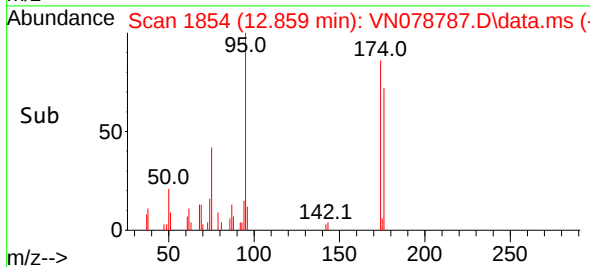
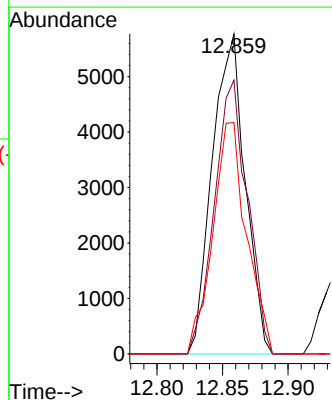
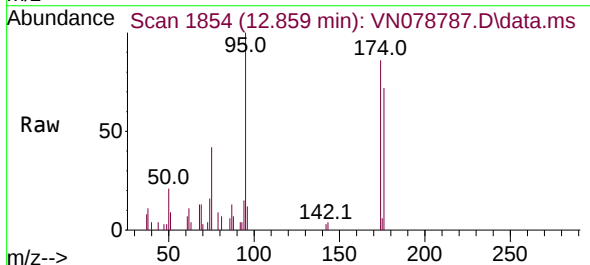
Manual Integrations
APPROVED

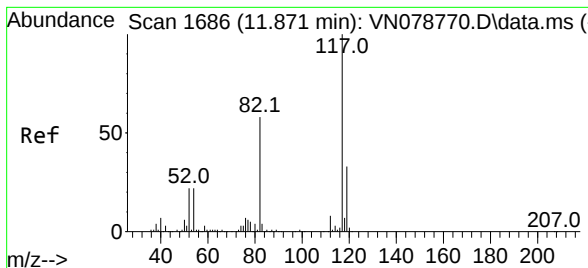
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#62
4-Bromofluorobenzene
Concen: 4.800 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

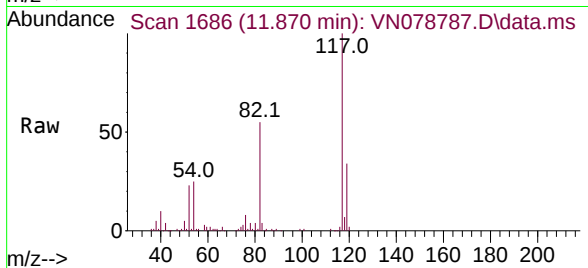
Tgt Ion: 95 Resp: 10064
Ion Ratio Lower Upper
95 100
174 86.0 0.0 143.8
176 74.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

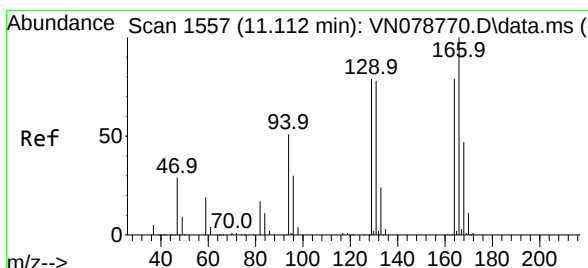
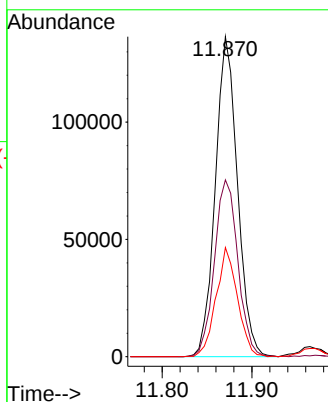
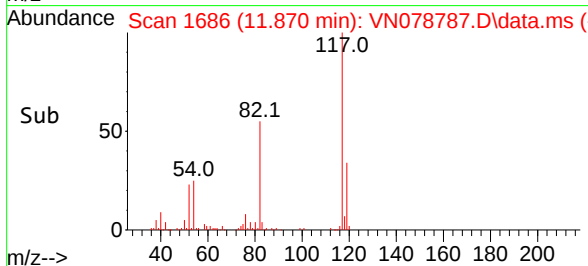
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 234079
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 34.1 25.6 38.4

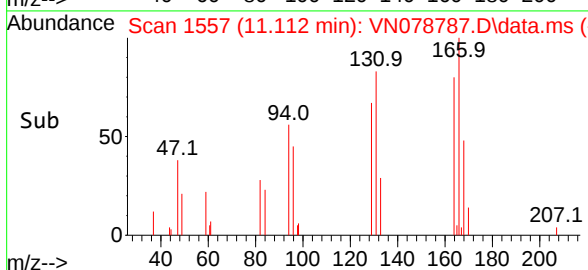
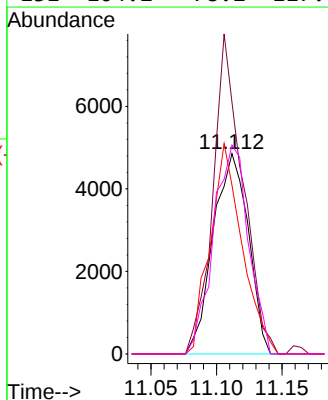
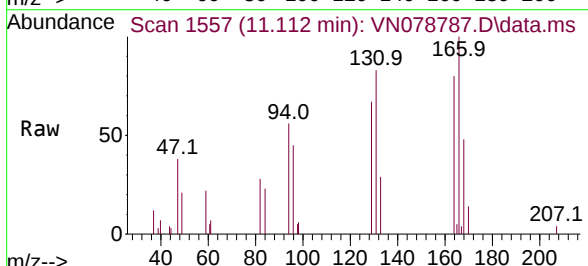
Manual Integrations
APPROVED

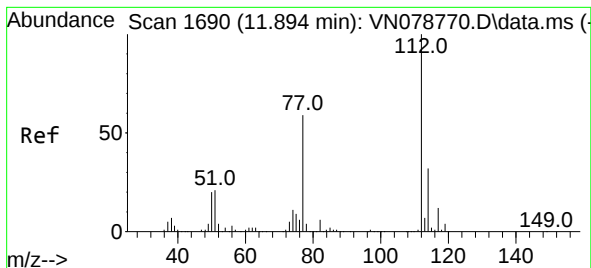
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#64
Tetrachloroethene
Concen: 5.013 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Tgt Ion:164 Resp: 9041
Ion Ratio Lower Upper
164 100
166 125.7 101.4 152.0
129 84.2 82.4 123.6
131 104.2 78.2 117.4





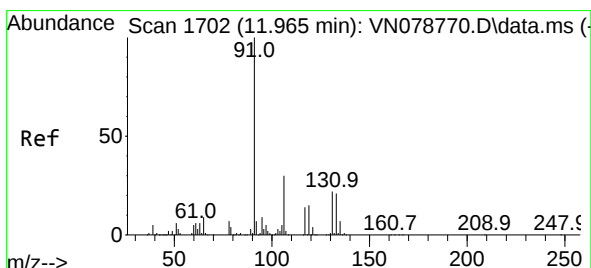
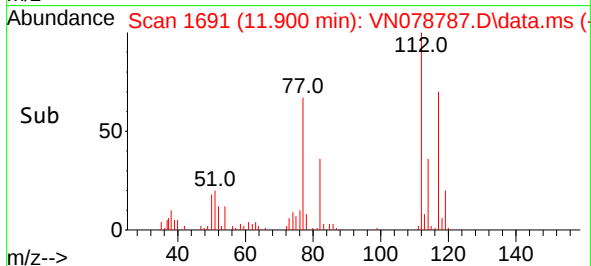
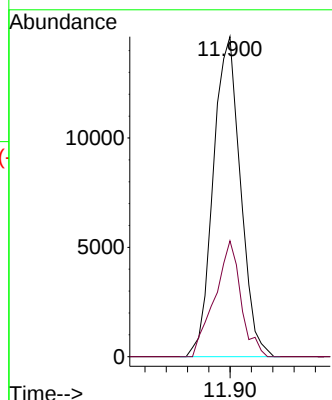
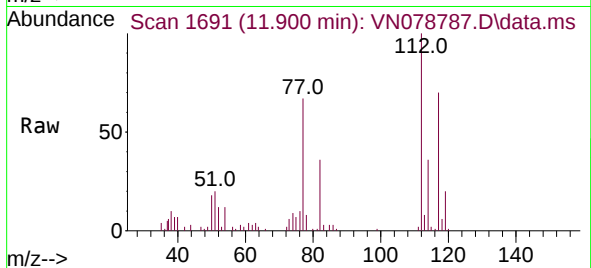
#65
Chlorobenzene
Concen: 4.862 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 2591
Ion Ratio Lower Upper
112 100
114 36.2 25.0 37.4

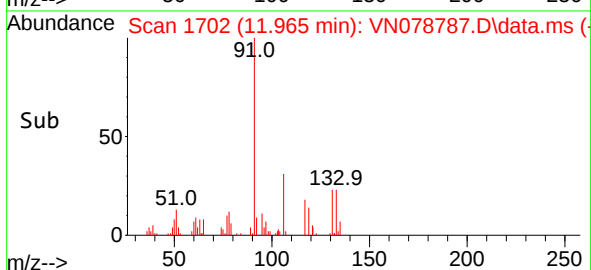
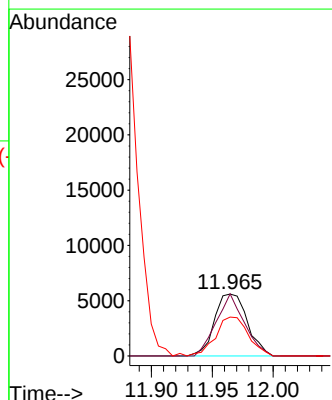
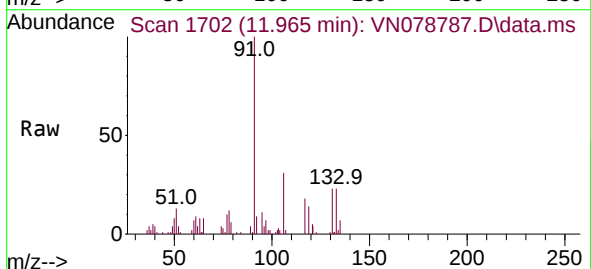
Manual Integrations
APPROVED

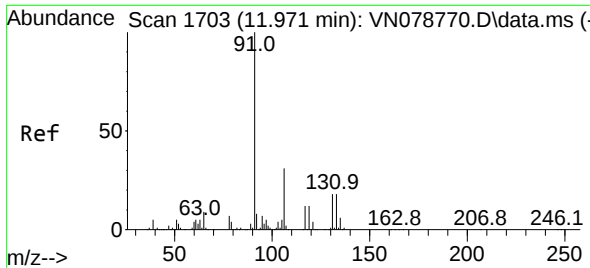
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 5.088 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

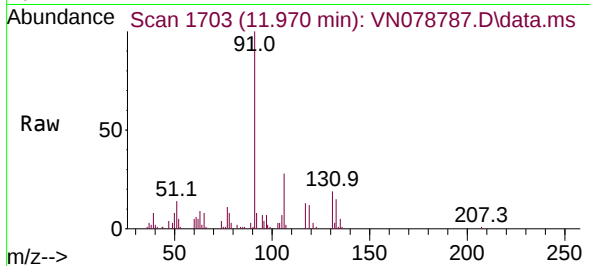
Tgt Ion:131 Resp: 10504
Ion Ratio Lower Upper
131 100
133 86.0 46.4 139.1
119 62.3 34.1 102.2





#67
Ethyl Benzene
Concen: 4.931 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

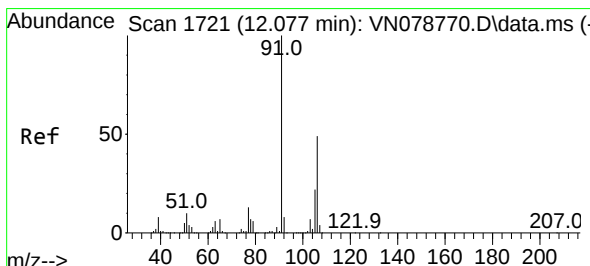
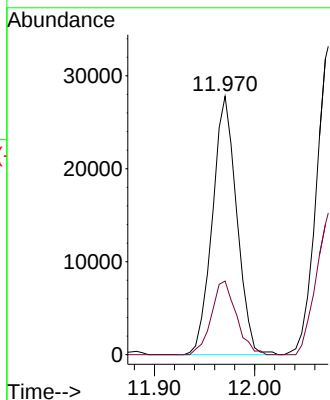
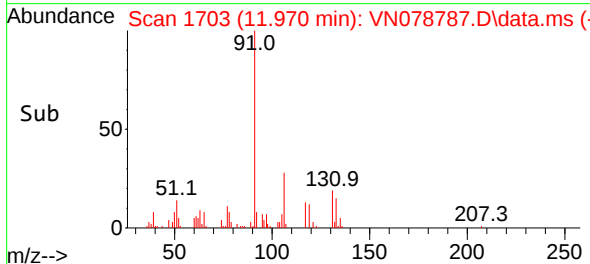
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



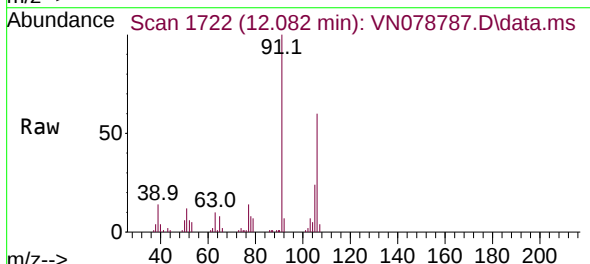
Tgt Ion: 91 Resp: 46818
Ion Ratio Lower Upper
91 100
106 28.5 25.6 38.4

Manual Integrations
APPROVED

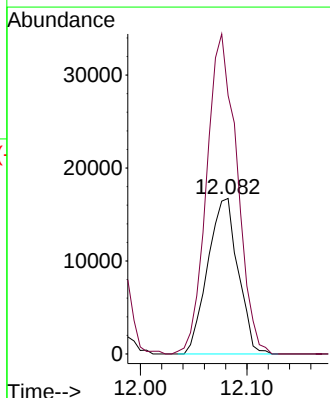
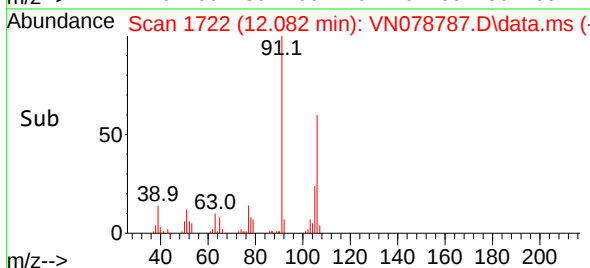
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023

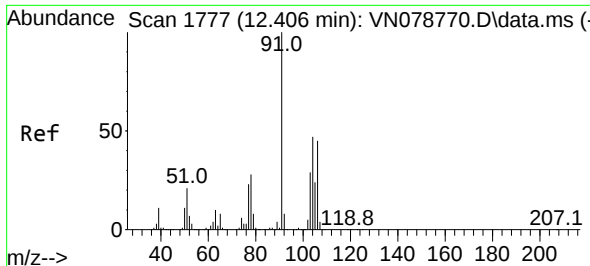


#68
m/p-Xylenes
Concen: 9.448 ug/l
RT: 12.082 min Scan# 1722
Delta R.T. 0.005 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28



Tgt Ion:106 Resp: 33096
Ion Ratio Lower Upper
106 100
91 205.4 159.6 239.4





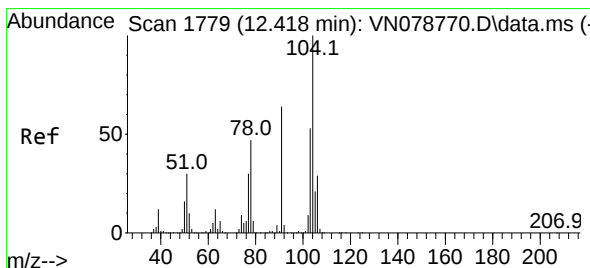
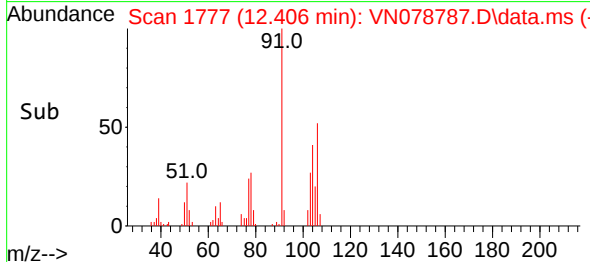
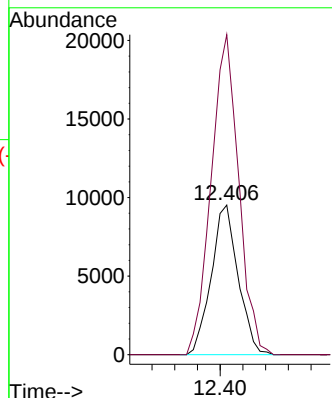
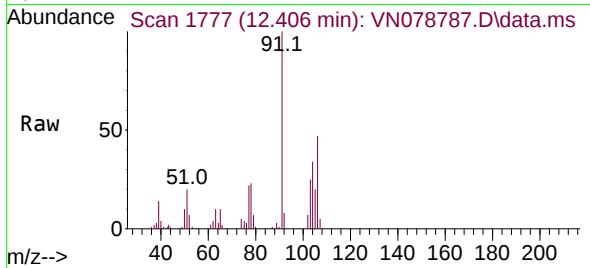
#69
o-Xylene
Concen: 4.560 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 15679
Ion Ratio Lower Upper
106 100
91 219.3 105.2 315.5

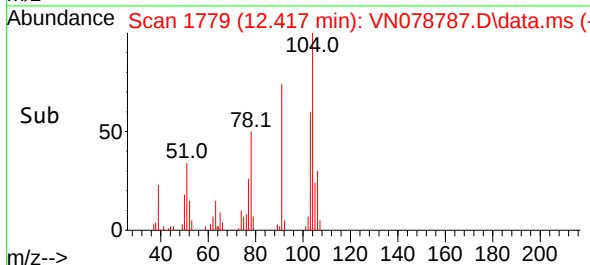
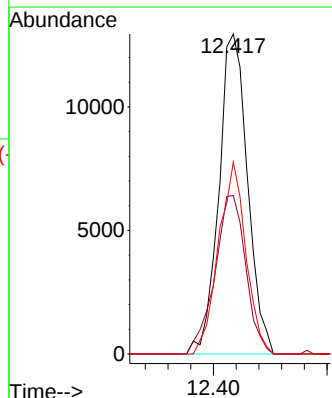
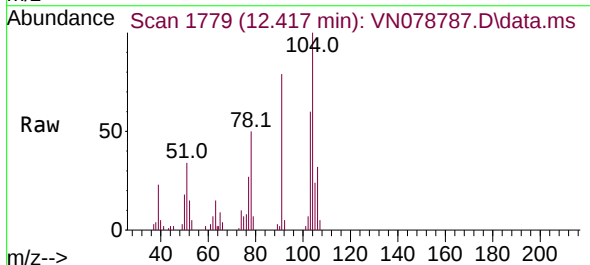
Manual Integrations
APPROVED

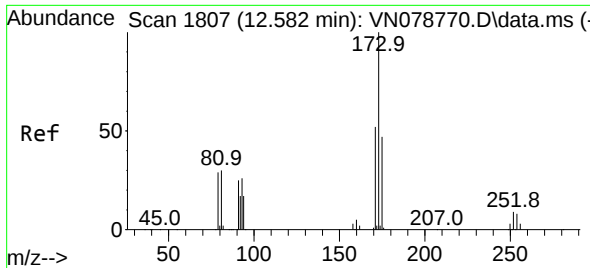
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#70
Styrene
Concen: 4.210 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Tgt Ion:104 Resp: 22719
Ion Ratio Lower Upper
104 100
78 53.3 39.5 59.3
103 57.0 43.2 64.8





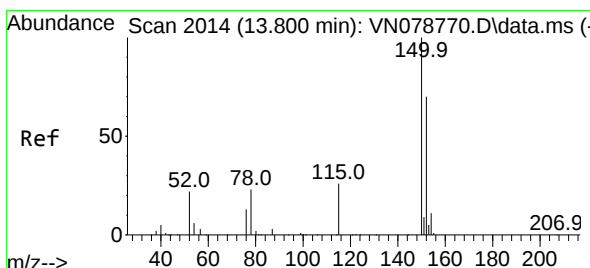
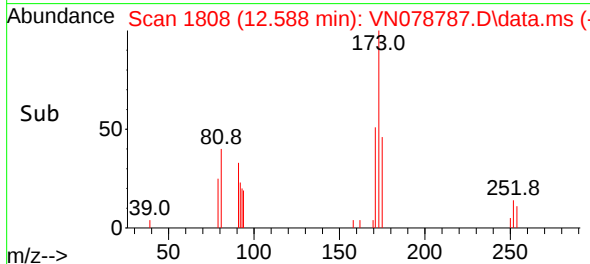
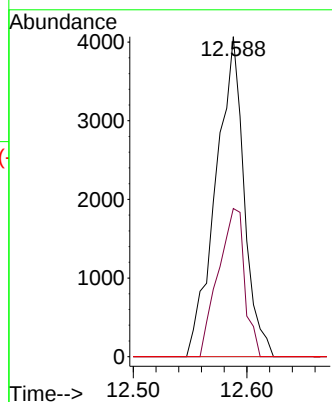
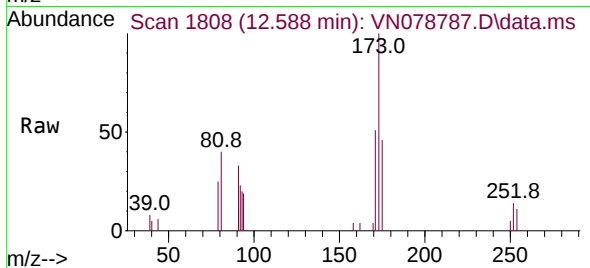
#71
Bromoform
Concen: 4.884 ug/l
RT: 12.588 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 703
Ion Ratio Lower Upper
173 100
175 43.1 24.3 73.0
254 0.0 0.0 0.0

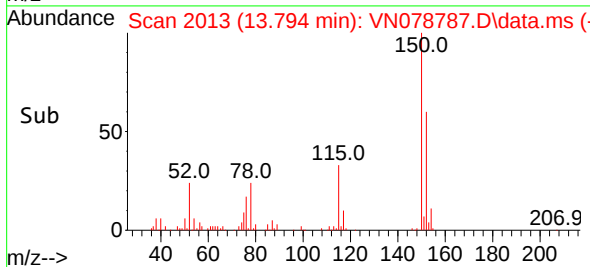
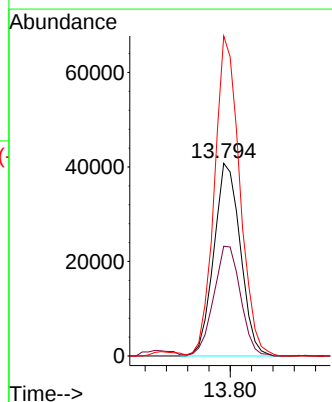
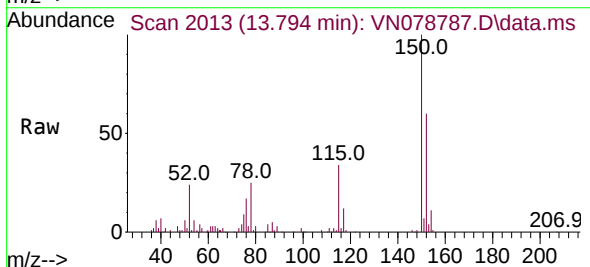
Manual Integrations
APPROVED

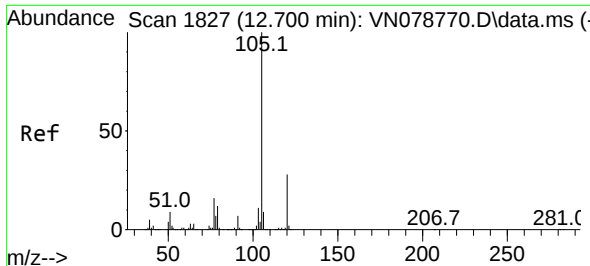
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

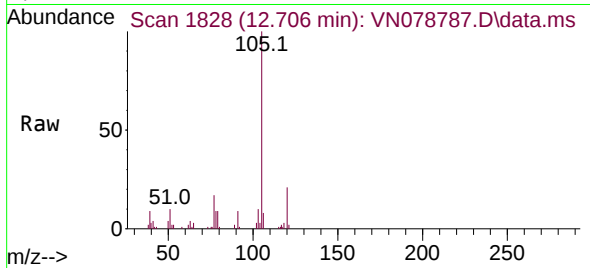
Tgt Ion:152 Resp: 70344
Ion Ratio Lower Upper
152 100
115 57.7 32.3 96.8
150 158.7 0.0 355.8





#73
Isopropylbenzene
Concen: 5.384 ug/l
RT: 12.706 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

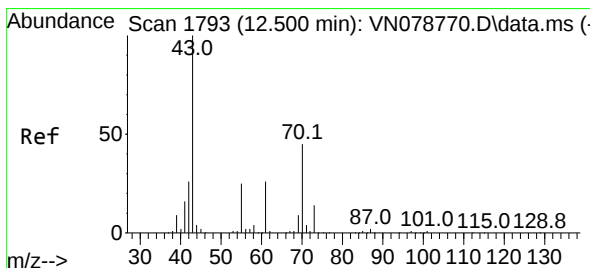
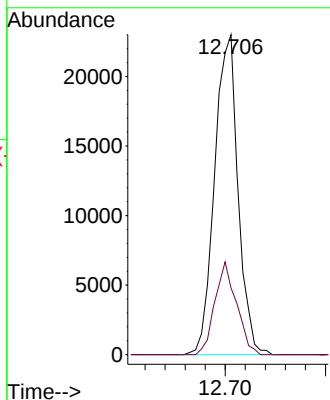
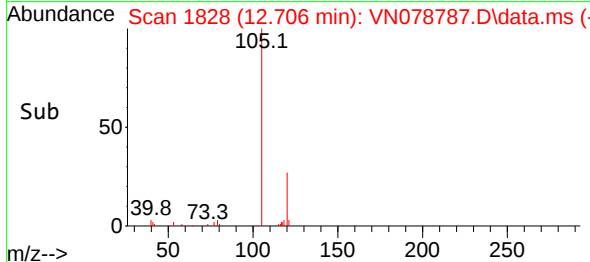
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:105 Resp: 3727
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

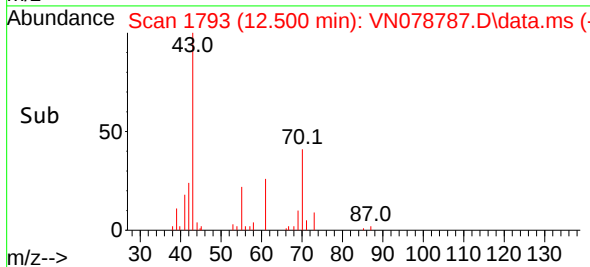
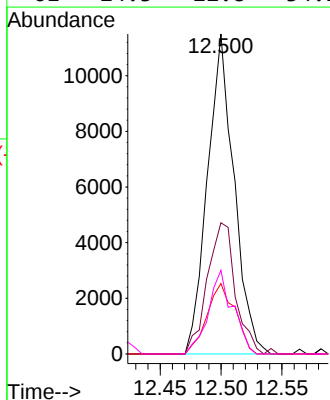
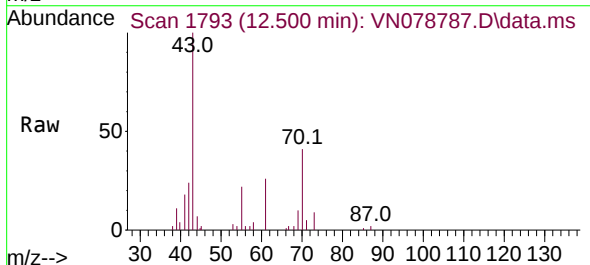
Manual Integrations
APPROVED

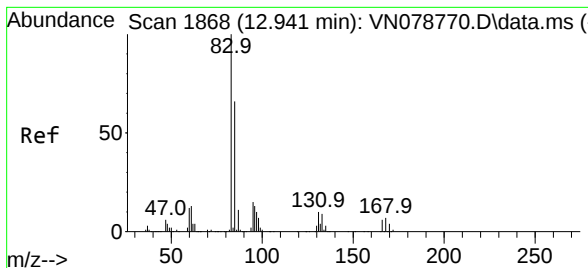
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#74
N-ethyl acetate
Concen: 5.541 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Tgt Ion: 43 Resp: 17403
Ion Ratio Lower Upper
43 100
70 43.7 43.4 65.2
55 23.4 21.4 32.0
61 24.3 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 5.962 ug/l

RT: 12.947 min Scan# 1869

Delta R.T. 0.006 min

Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

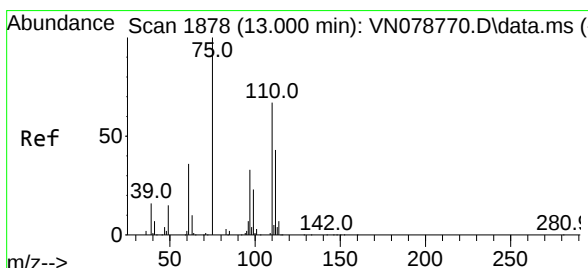
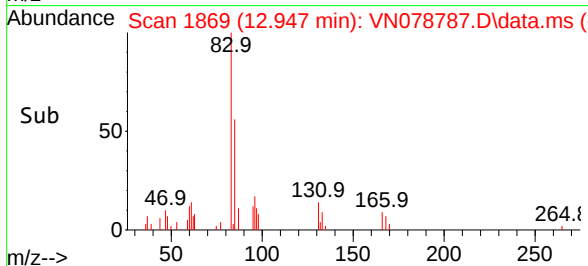
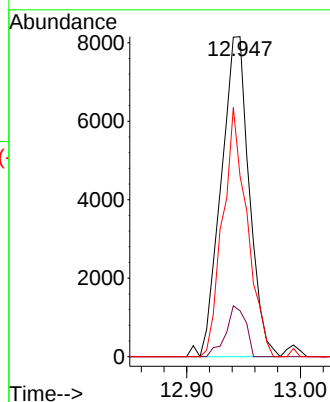
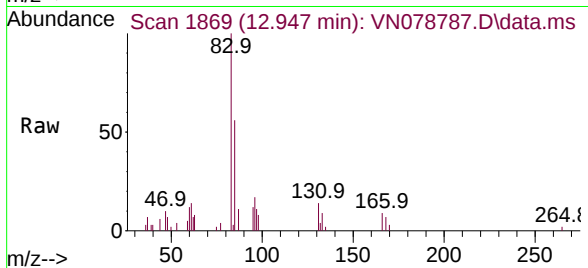
Tgt Ion:	83	Resp:	1402
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.0	15.0
85	67.1	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2023

Supervised By :Semsettin Yesilyurt 08/08/2023



#76

1,2,3-Trichloropropane

Concen: 6.327 ug/l m

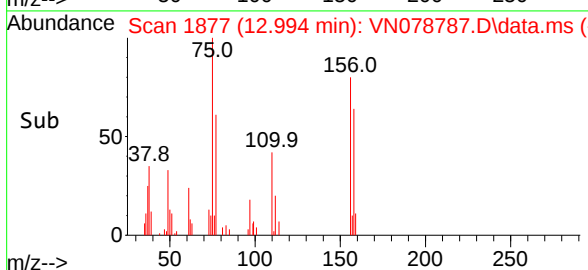
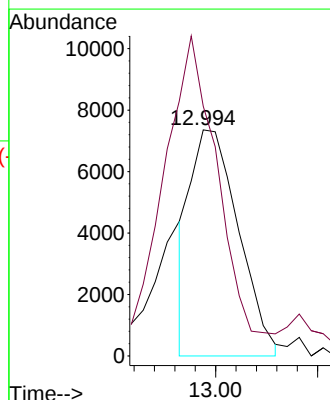
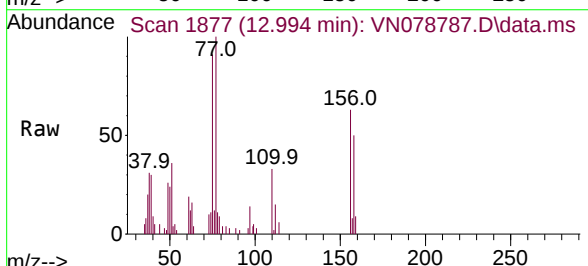
RT: 12.994 min Scan# 1877

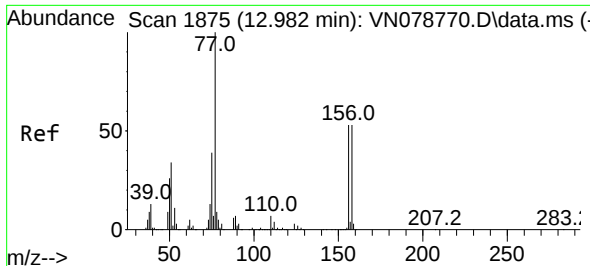
Delta R.T. -0.006 min

Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

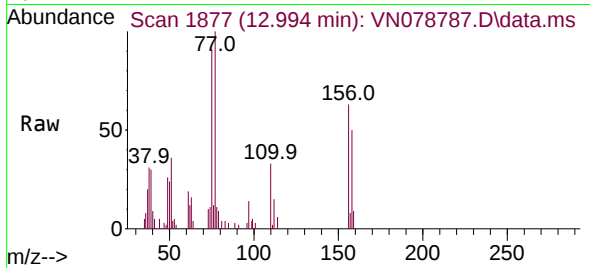
Tgt Ion:	75	Resp:	12033
Ion Ratio	Lower	Upper	
75	100		
77	166.2	84.5	253.5





#77
Bromobenzene
Concen: 5.630 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.012 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

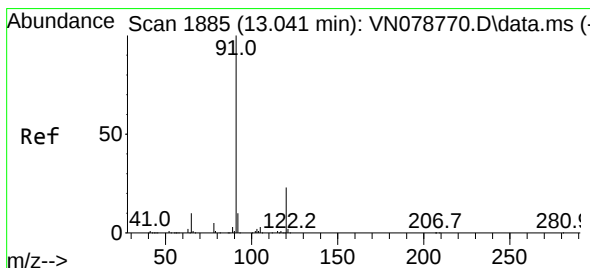
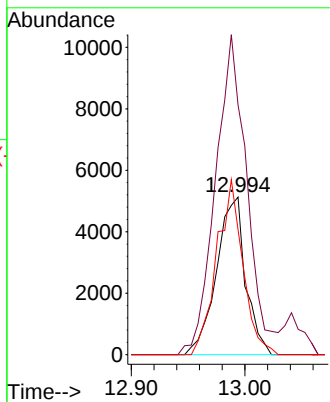
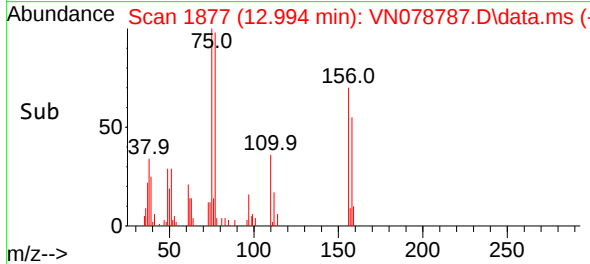
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



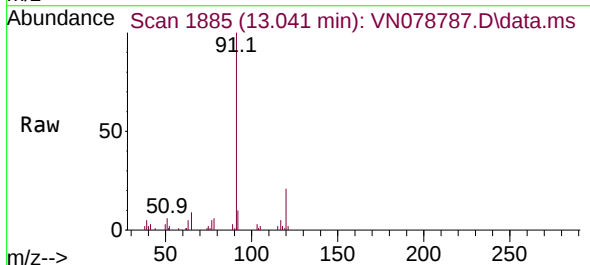
Tgt Ion:156 Resp: 9140
Ion Ratio Lower Upper
156 100
77 218.7 107.7 323.3
158 100.0 48.4 145.3

Manual Integrations
APPROVED

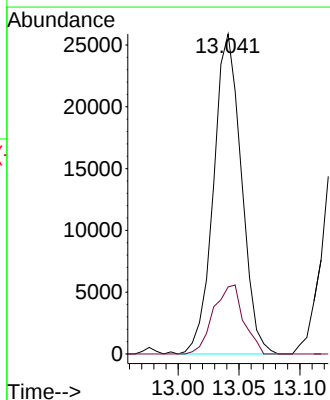
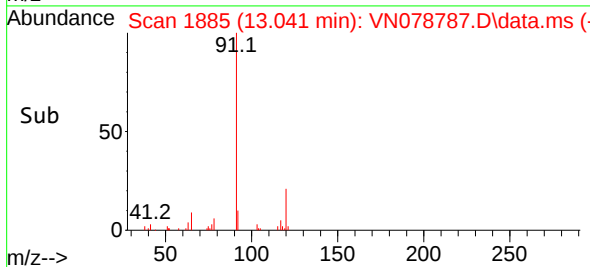
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023

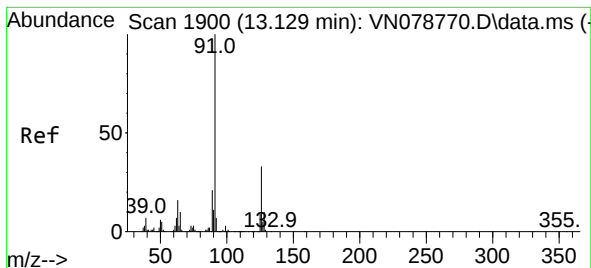


#78
n-propylbenzene
Concen: 5.415 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28



Tgt Ion: 91 Resp: 41208
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 5.891 ug/l

RT: 13.135 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 91 Resp: 2880

Ion Ratio Lower Upper

91 100

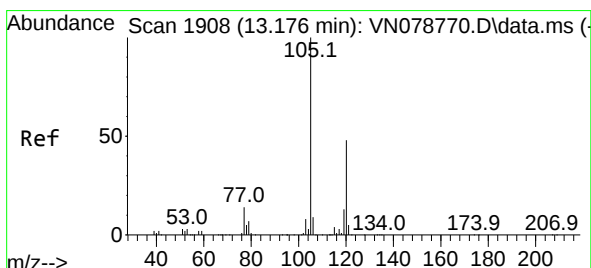
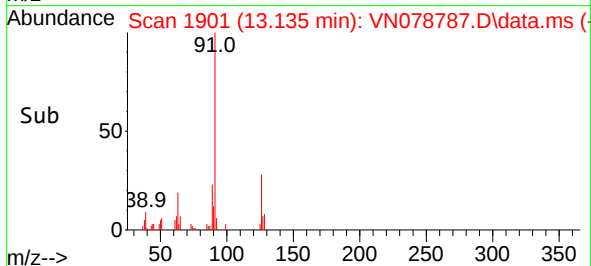
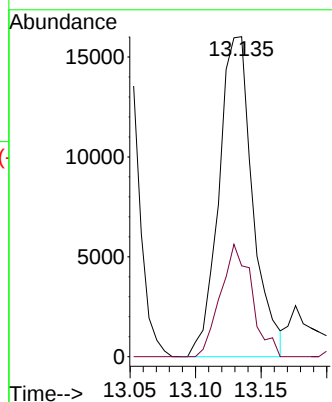
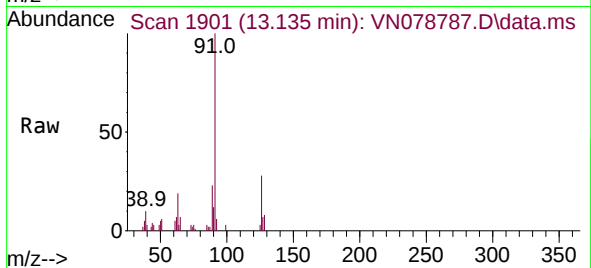
126 32.6 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2023

Supervised By :Semsettin Yesilyurt 08/08/2023



#80

1,3,5-Trimethylbenzene

Concen: 5.662 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN078787.D

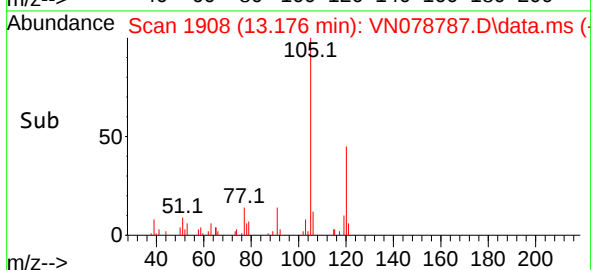
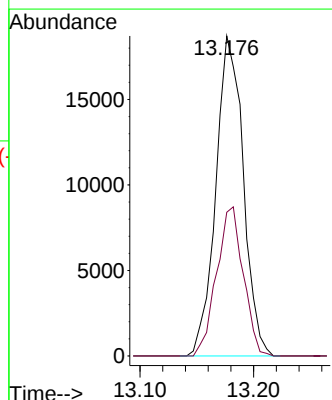
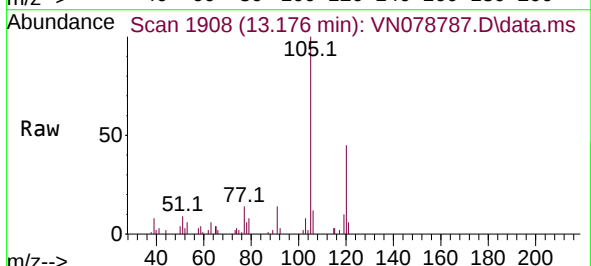
Acq: 07 Aug 2023 20:28

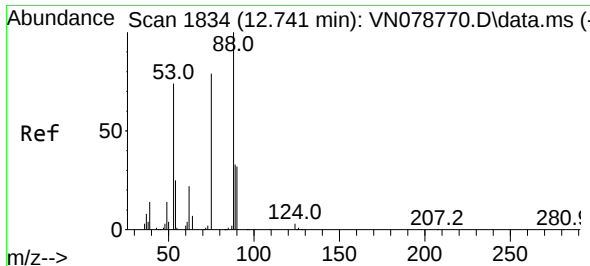
Tgt Ion:105 Resp: 31400

Ion Ratio Lower Upper

105 100

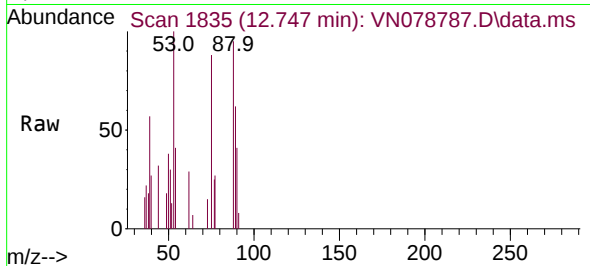
120 45.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 4.914 ug/l
RT: 12.747 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

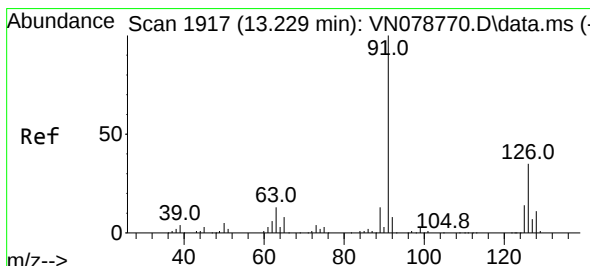
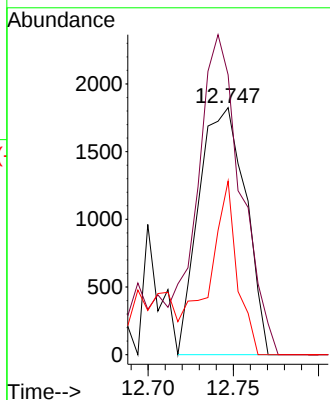
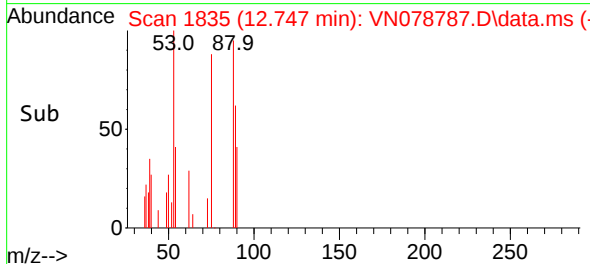
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



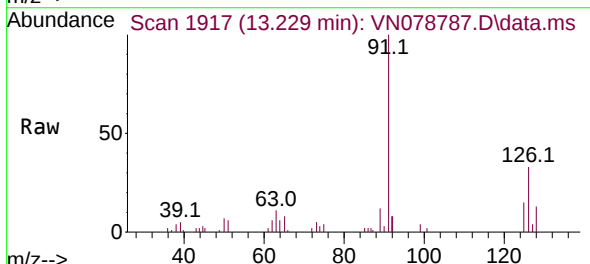
Tgt Ion: 75 Resp: 348
Ion Ratio Lower Upper
75 100
53 121.4 67.4 101.2
89 38.5 38.8 58.2

Manual Integrations
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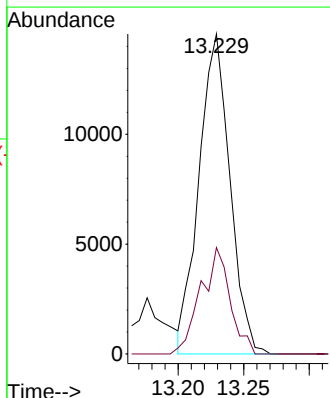
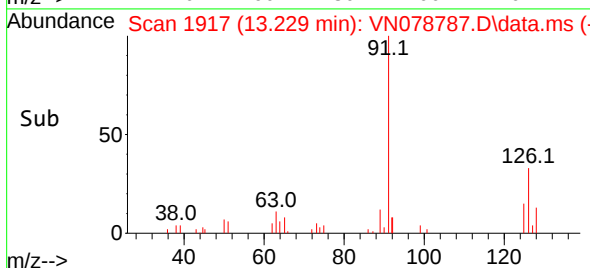
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023

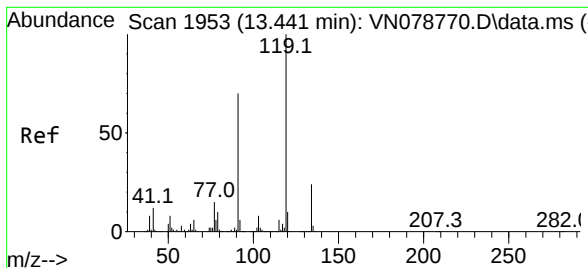


#82
4-Chlorotoluene
Concen: 5.351 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28



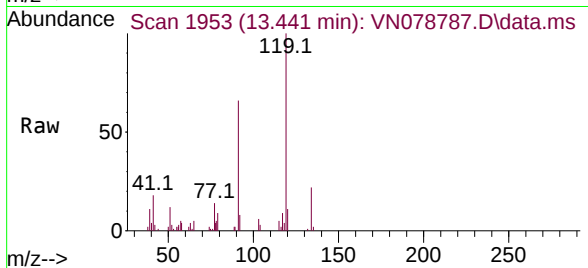
Tgt Ion: 91 Resp: 23932
Ion Ratio Lower Upper
91 100
126 31.5 16.7 50.0





#83
tert-Butylbenzene
Concen: 5.500 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

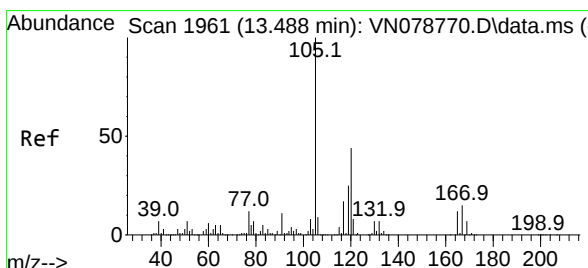
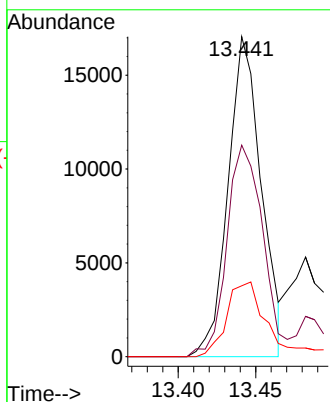
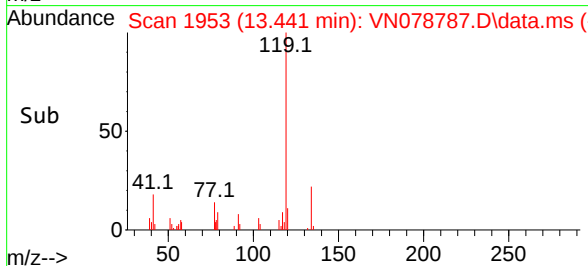
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



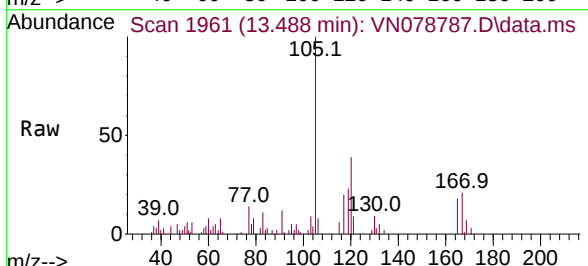
Tgt Ion:119 Resp: 25408
Ion Ratio Lower Upper
119 100
91 71.6 33.9 101.7
134 28.4 13.2 39.6

Manual Integrations
APPROVED

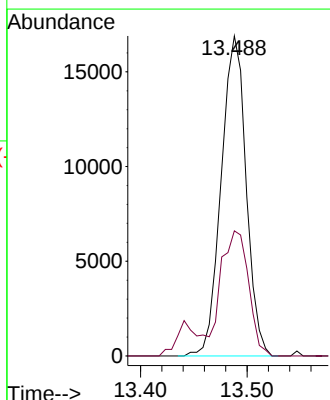
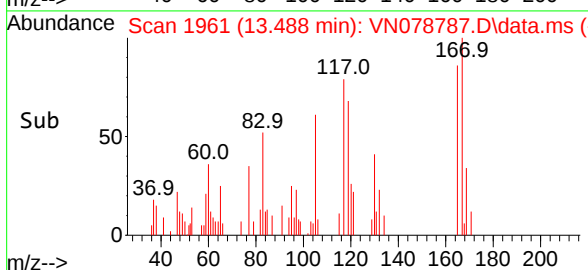
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023

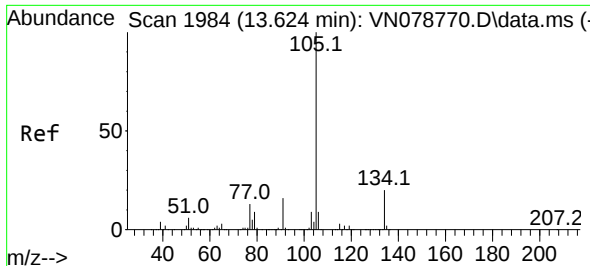


#84
1,2,4-Trimethylbenzene
Concen: 5.149 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28



Tgt Ion:105 Resp: 27443
Ion Ratio Lower Upper
105 100
120 42.7 22.0 66.0





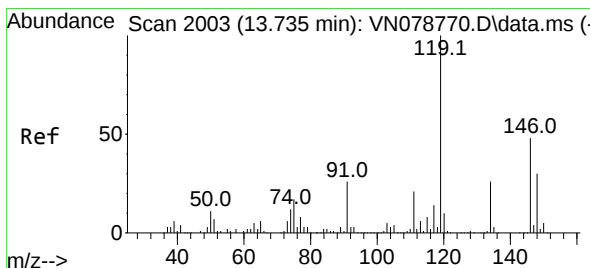
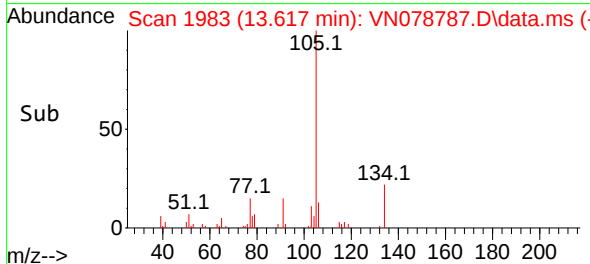
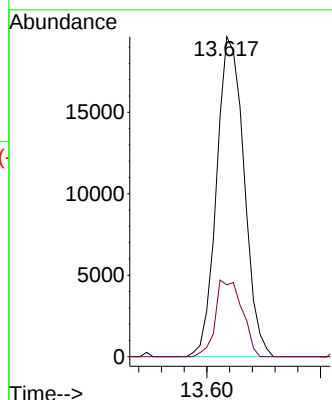
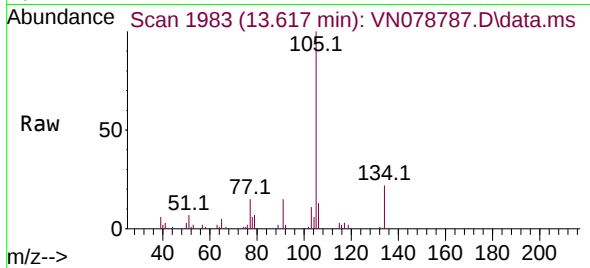
#85
 sec-Butylbenzene
 Concen: 5.458 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN078787.D
 Acq: 07 Aug 2023 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 3296
 Ion Ratio Lower Upper
 105 100
 134 23.3 9.8 29.3

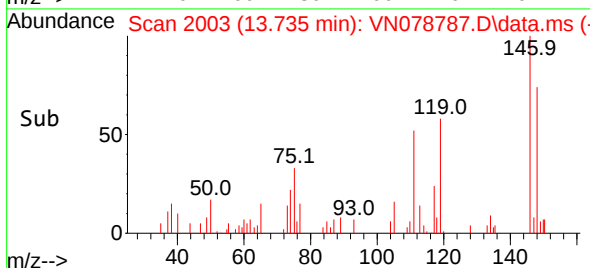
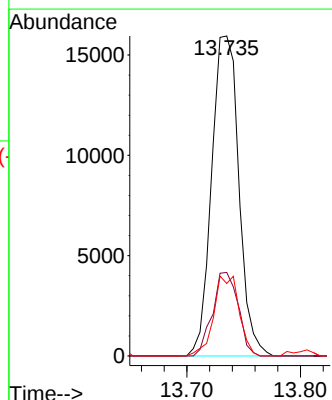
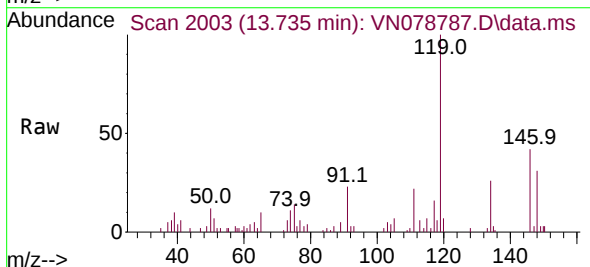
Manual Integrations
 APPROVED

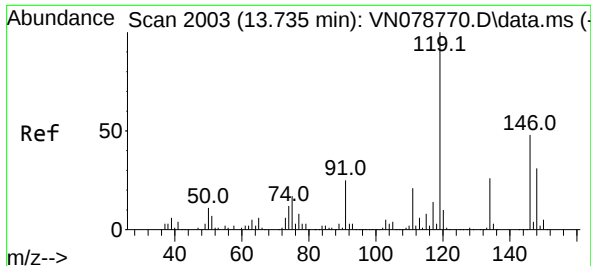
Reviewed By :John Carlone 08/08/2023
 Supervised By :Semsettin Yesilyurt 08/08/2023



#86
 p-Isopropyltoluene
 Concen: 5.529 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078787.D
 Acq: 07 Aug 2023 20:28

Tgt Ion:119 Resp: 26553
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.6 37.8
 91 23.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 5.166 ug/l

RT: 13.741 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

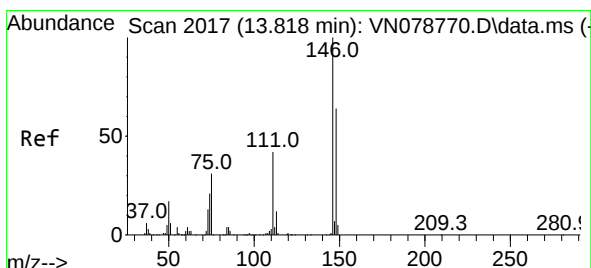
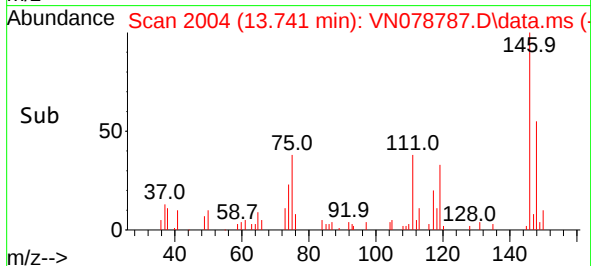
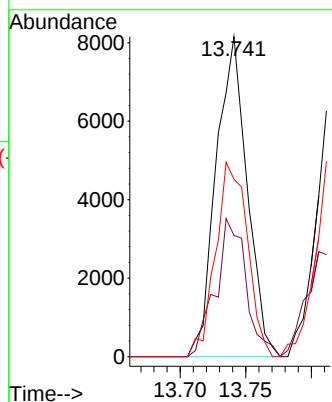
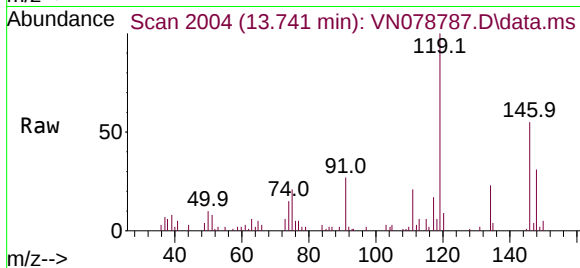
Tgt Ion:	146	Resp:	1340
Ion Ratio	Lower	Upper	
146	100		
111	42.7	22.1	66.3
148	62.4	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2023

Supervised By :Semsettin Yesilyurt 08/08/2023



#88

1,4-Dichlorobenzene

Concen: 5.065 ug/l

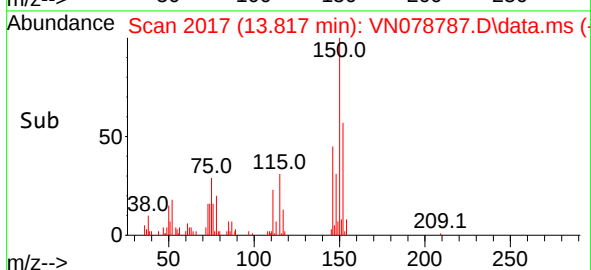
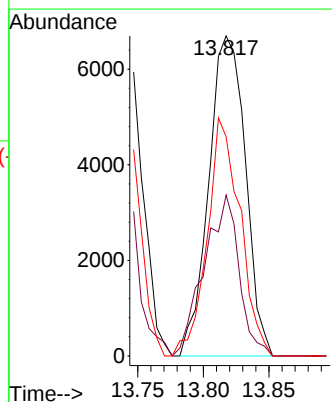
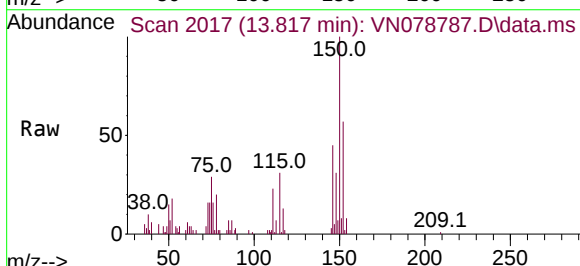
RT: 13.817 min Scan# 2017

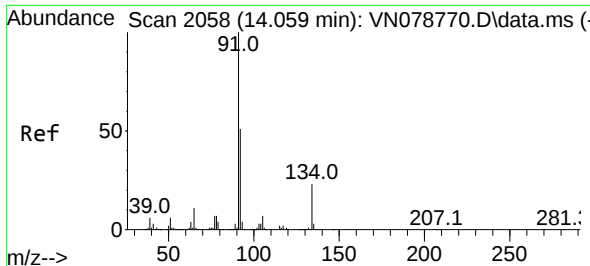
Delta R.T. -0.000 min

Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

Tgt Ion:	146	Resp:	13027
Ion Ratio	Lower	Upper	
146	100		
111	47.7	20.6	61.8
148	66.6	31.6	94.8





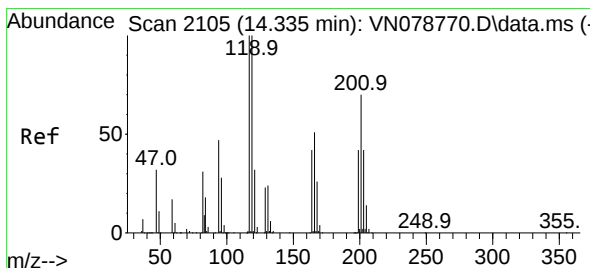
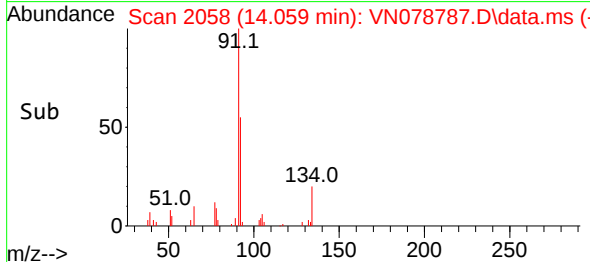
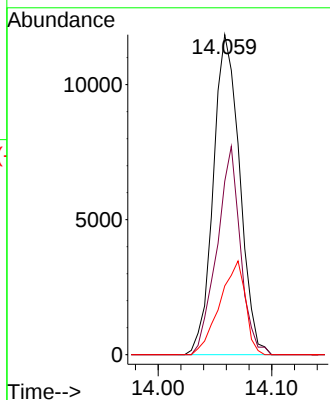
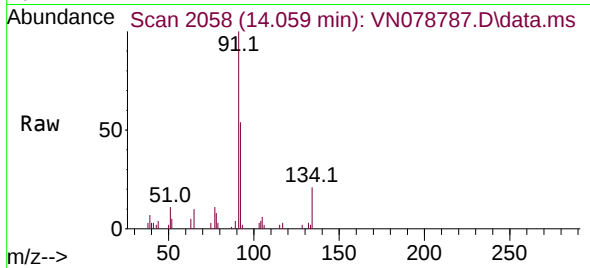
#89
n-Butylbenzene
Concen: 5.302 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 19100
Ion Ratio Lower Upper
91 100
92 58.1 26.4 79.0
134 28.6 12.6 37.6

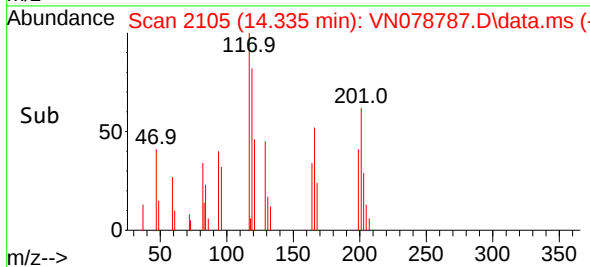
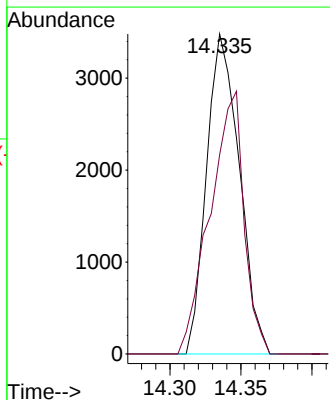
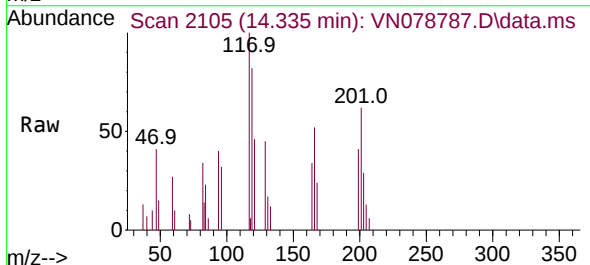
Manual Integrations
APPROVED

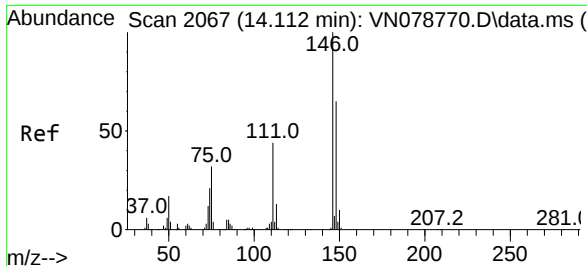
Reviewed By :John Carlone 08/08/2023
Supervised By :Semsettin Yesilyurt 08/08/2023



#90
Hexachloroethane
Concen: 5.617 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN078787.D
Acq: 07 Aug 2023 20:28

Tgt Ion:117 Resp: 5591
Ion Ratio Lower Upper
117 100
201 84.6 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 4.630 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:146 Resp: 1157

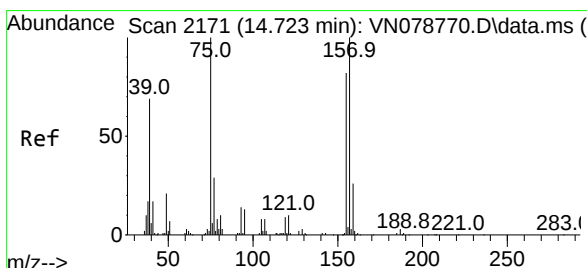
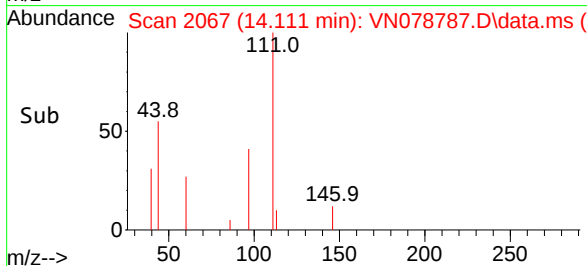
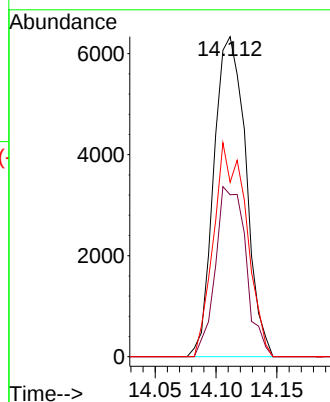
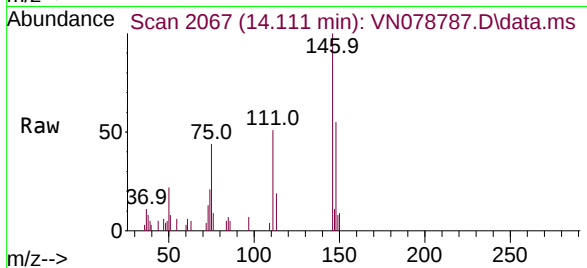
Ion	Ratio	Lower	Upper
146	100		
111	50.6	22.0	66.0
148	68.2	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2023

Supervised By :Semsettin Yesilyurt 08/08/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.744 ug/l

RT: 14.723 min Scan# 2171

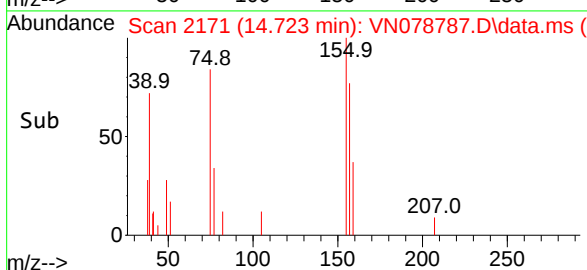
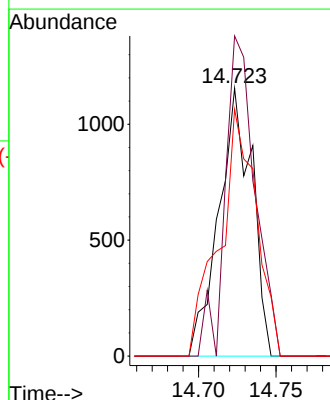
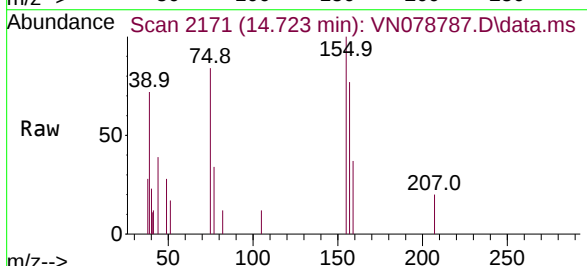
Delta R.T. -0.000 min

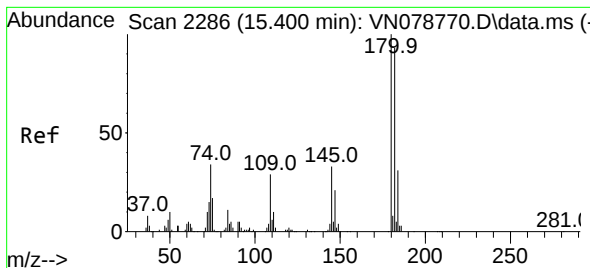
Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

Tgt Ion: 75 Resp: 1712

Ion	Ratio	Lower	Upper
75	100		
155	108.1	39.1	117.2
157	102.6	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 4.067 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

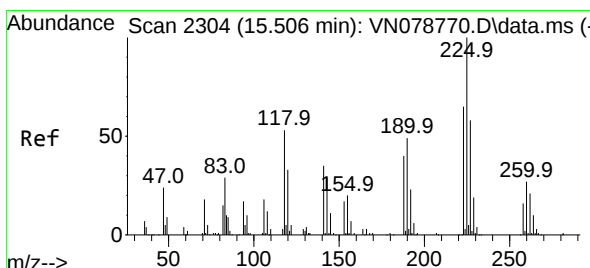
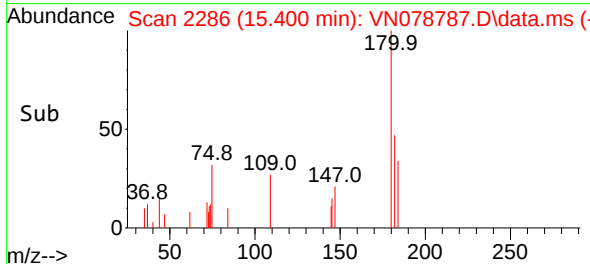
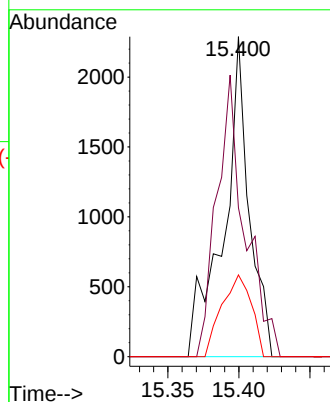
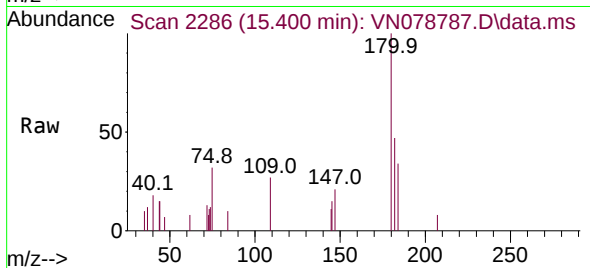
Tgt Ion:180	Resp:	2850
Ion Ratio	Lower	Upper
180	100	
182	97.1	46.1 138.2
145	29.8	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2023

Supervised By :Semsettin Yesilyurt 08/08/2023



#94

Hexachlorobutadiene

Concen: 3.105 ug/l

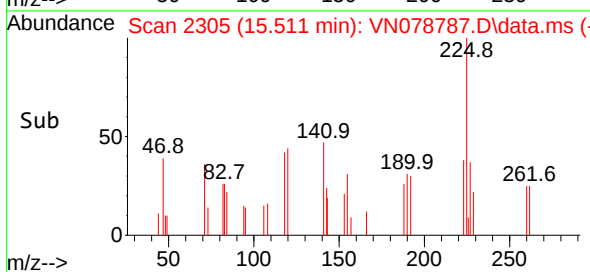
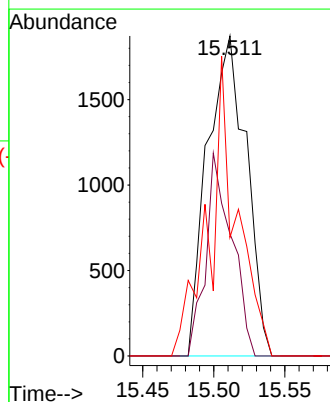
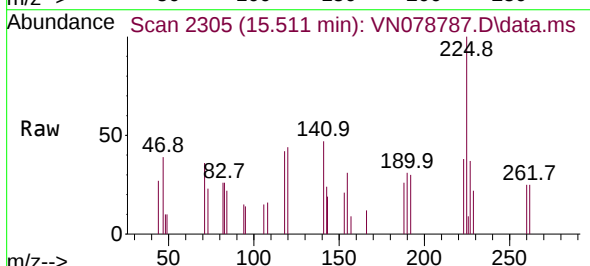
RT: 15.511 min Scan# 2305

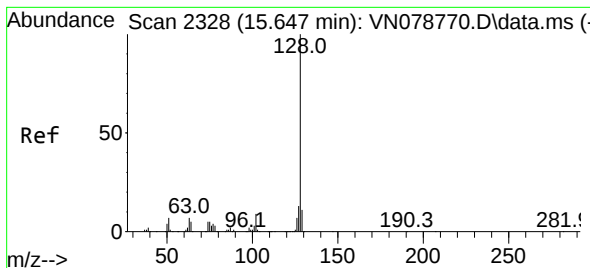
Delta R.T. 0.005 min

Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

Tgt Ion:225	Resp:	3561
Ion Ratio	Lower	Upper
225	100	
223	42.4	31.3 93.8
227	66.3	31.9 95.9





#95

Naphthalene

Concen: 4.781 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

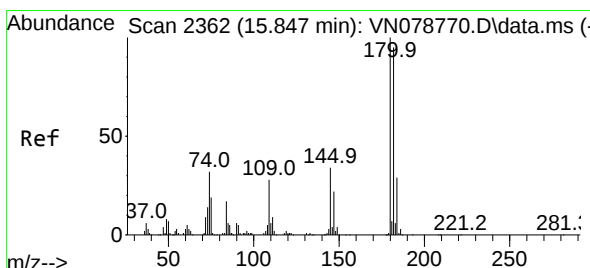
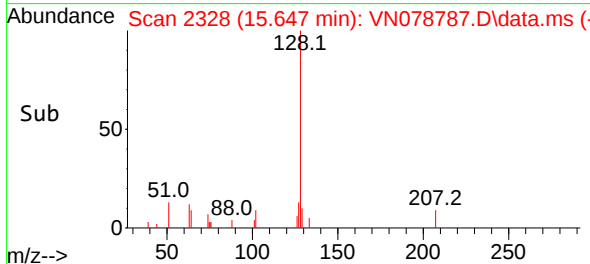
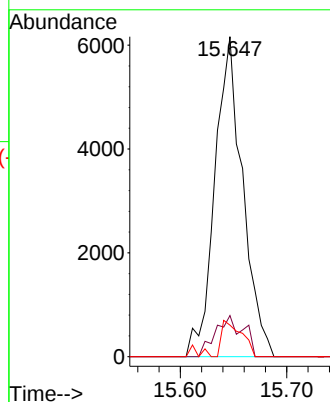
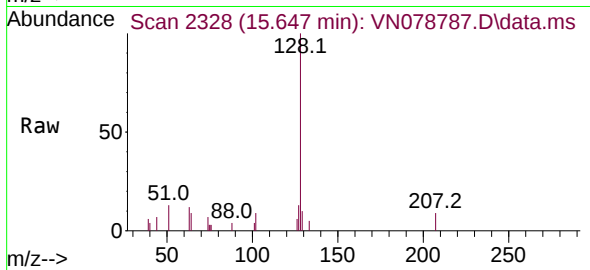
Tgt Ion:	128	Resp:	11200
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.0	15.0
129	8.1	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2023

Supervised By :Semsettin Yesilyurt 08/08/2023



#96

1,2,3-Trichlorobenzene

Concen: 4.678 ug/l

RT: 15.853 min Scan# 2363

Delta R.T. 0.006 min

Lab File: VN078787.D

Acq: 07 Aug 2023 20:28

Tgt Ion:	180	Resp:	3912
Ion Ratio	Lower	Upper	
180	100		
182	87.9	46.2	138.6
145	19.1	17.5	52.6

