

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
 Data File : VN078804.D
 Acq On : 08 Aug 2023 17:51
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: Aug 09 04:40:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 04:37:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/09/2023
 Supervised By : Semsettin Yesilyurt 08/09/2023

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

Internal Standards						
1) Bromochloromethane	7.818	128	34682	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	194311	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	179355	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	82368	30.921	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.067%			
60) 4-Bromofluorobenzene	12.853	95	84375	31.048	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.500%			
63) Toluene-d8	10.571	98	254867	28.383	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 94.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	172159	74.656	ug/l	98
3) Chloromethane	2.371	50	200010	72.670	ug/l	98
4) Vinyl Chloride	2.518	62	197167	56.010	ug/l	92
5) Bromomethane	2.948	94	127695	48.349	ug/l	97
6) Chloroethane	3.118	64	128063	54.413	ug/l	92
7) Trichlorofluoromethane	3.500	101	267110	69.383	ug/l	100
8) Diethyl Ether	3.971	74	96545	75.480	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.377	101	144937	69.566	ug/l	96
10) 1,1-Dichloroethene	4.353	96	137348	69.605	ug/l	87
11) Methyl Iodide	4.595	142	199283	71.987	ug/l	100
12) Methyl Acetate	5.036	43	292474	84.629	ug/l	92
13) Acrolein	4.183	56	154056	428.041	ug/l	96
14) Acrylonitrile	5.730	53	405061	409.926	ug/l	99
15) Acetone	4.436	58	102188	366.474	ug/l	83
16) Carbon Disulfide	4.724	76	411931	73.252	ug/l	97
17) Allyl chloride	5.036	41	248243	89.749	ug/l	92
18) Methylene Chloride	5.289	84	174819	72.854	ug/l #	84
19) trans-1,2-Dichloroethene	5.794	96	160644	70.170	ug/l	92
20) Diisopropyl ether	6.683	45	584206	91.138	ug/l #	95
21) 1,1-Dichloroethane	6.577	63	314692	76.517	ug/l	95
22) cis-1,2-Dichloroethene	7.494	96	186639	80.751	ug/l	94
23) tert-Butyl Alcohol	5.542	59	141258m	361.658	ug/l	
24) Methyl tert-Butyl Ether	5.806	73	492486	74.090	ug/l #	83
25) Chloroform	7.971	83	319590	74.643	ug/l	97
26) Cyclohexane	8.265	56	265111	88.108	ug/l #	92
29) 1,1-Dichloropropene	8.382	75	243817	82.041	ug/l	98
30) 2-Butanone	7.494	43	574185	468.777	ug/l	92
31) 2,2-Dichloropropane	7.494	77	246757	74.395	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	279024	76.405	ug/l	97
33) Carbon Tetrachloride	8.371	117	244998	75.022	ug/l	96
34) Benzene	8.612	78	720423	81.056	ug/l	97
35) Methacrylonitrile	7.788	41	130832	95.488	ug/l	79
36) 1,2-Dichloroethane	8.677	62	247172	79.601	ug/l	100
37) Trichloroethene	9.359	130	167946	68.813	ug/l	96
38) Methylcyclohexane	9.606	83	236638	78.027	ug/l	93
39) 1,2-Dichloropropane	9.629	63	189698	78.808	ug/l	95
40) Dibromomethane	9.718	93	126609	77.674	ug/l	97
41) Bromodichloromethane	9.894	83	253996	77.439	ug/l	100
42) Vinyl Acetate	6.612	43	1898189	482.755	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
 Data File : VN078804.D
 Acq On : 08 Aug 2023 17:51
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: Aug 09 04:40:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 04:37:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/09/2023
 Supervised By : Semsettin Yesilyurt 08/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	233822	90.683	ug/l	99
44) Isopropyl Acetate	8.694	43	420001	94.881	ug/l	91
45) 1,4-Dioxane	9.700	88	61446	1555.951	ug/l	90
46) Methyl methacrylate	9.688	41	191914	94.869	ug/l	89
47) n-amyl Acetate	12.500	43	348352	102.216	ug/l	91
48) t-1,3-Dichloropropene	10.841	75	275151	80.156	ug/l	95
49) cis-1,3-Dichloropropene	10.318	75	298748	80.264	ug/l	92
50) 1,1,2-Trichloroethane	11.024	97	170542	75.217	ug/l	97
51) Ethyl methacrylate	10.882	69	266060	85.262	ug/l	77
52) 1,3-Dichloropropane	11.171	76	297302	72.120	ug/l	99
53) Dibromochloromethane	11.365	129	188227	74.835	ug/l	100
54) 1,2-Dibromoethane	11.476	107	171464	75.839	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	495815	483.936	ug/l	97
56) Bromoform	12.582	173	124041	74.202	ug/l	97
58) 4-Methyl-2-Pentanone	10.453	43	1252355	430.437	ug/l #	91
59) 2-Hexanone	11.200	43	905526	421.059	ug/l	91
61) Tetrachloroethene	11.106	164	144953	61.848	ug/l	90
62) Toluene	10.635	91	784408	71.508	ug/l	98
64) Chlorobenzene	11.894	112	463288	72.717	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	174272	69.862	ug/l	98
66) Ethyl Benzene	11.970	91	860061	77.351	ug/l	100
67) m/p-Xylenes	12.076	106	647898	154.250	ug/l	100
68) o-Xylene	12.406	106	314302	73.070	ug/l	99
69) Styrene	12.418	104	523167	76.035	ug/l	98
70) Isopropylbenzene	12.700	105	801430	75.752	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	242821	69.782	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	225350m	79.544	ug/l	
73) Bromobenzene	12.988	156	183674	71.295	ug/l	98
74) n-propylbenzene	13.041	91	917704	77.582	ug/l	100
75) 2-Chlorotoluene	13.129	91	546317	67.194	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	639107	67.593	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	76419	75.566	ug/l	81
78) 4-Chlorotoluene	13.223	91	538799	69.523	ug/l	98
79) tert-butylbenzene	13.441	119	537557	66.348	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	619165	69.018	ug/l	98
81) sec-Butylbenzene	13.623	105	710310	67.748	ug/l	98
82) p-Isopropyltoluene	13.735	119	573126	67.787	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	317964	70.011	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	310303	72.829	ug/l	100
85) n-Butylbenzene	14.064	91	439355	74.621	ug/l	97
86) Hexachloroethane	14.341	117	116047	74.167	ug/l	95
87) 1,2-Dichlorobenzene	14.112	146	297997	69.657	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	38116	66.055	ug/l	95
89) 1,2,4-Trichlorobenzene	15.400	180	99070	81.878	ug/l	96
90) Hexachlorobutadiene	15.506	225	50441	55.428	ug/l	94
91) Naphthalene	15.647	128	301479	82.274	ug/l	100
92) 1,2,3-Trichlorobenzene	15.847	180	102446	74.253	ug/l	97

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

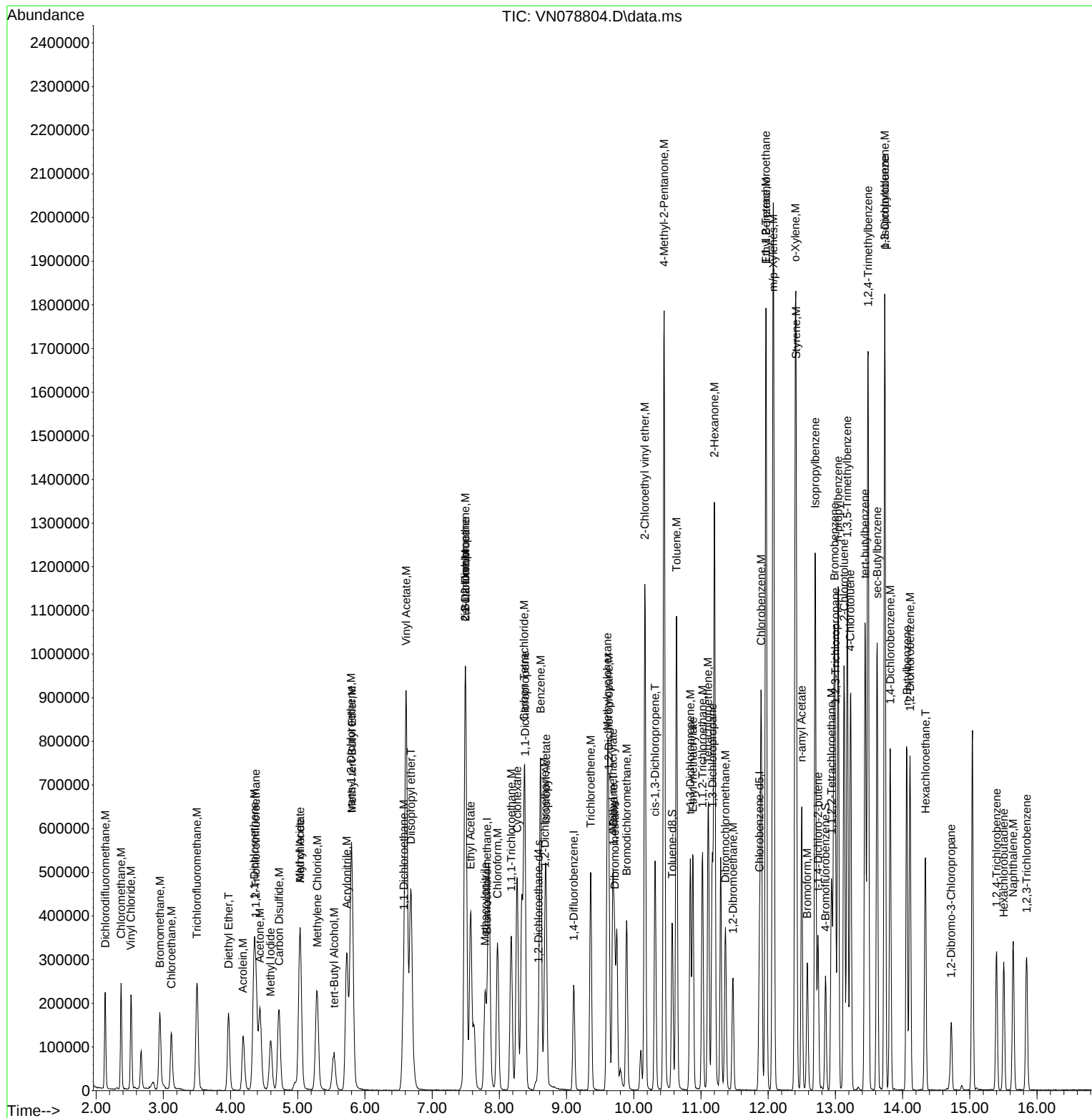
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
Data File : VN078804.D
Acq On : 08 Aug 2023 17:51
Operator : JC\MD
Sample : VSTDIC075
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

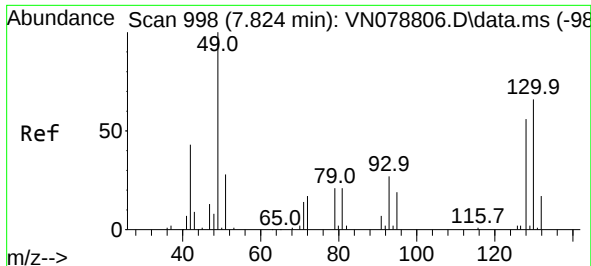
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Manual Integrations
APPROVED

Reviewed By : John Carlone 08/09/2023
Supervised By : Semsettin Yesilyurt 08/09/2023

Quant Time: Aug 09 04:40:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 09 04:37:34 2023
Response via : Initial Calibration





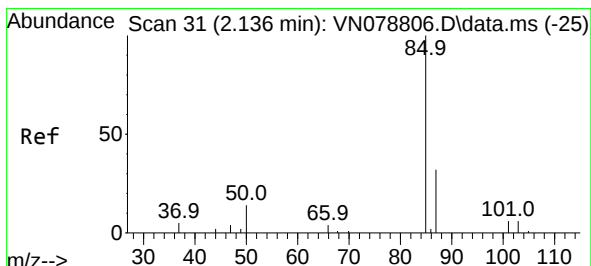
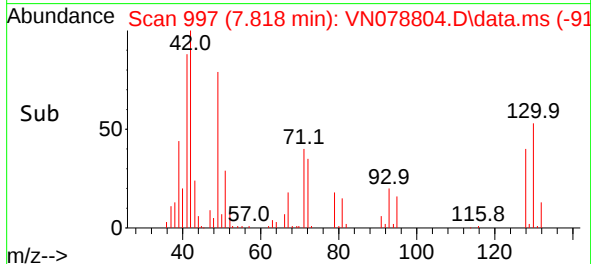
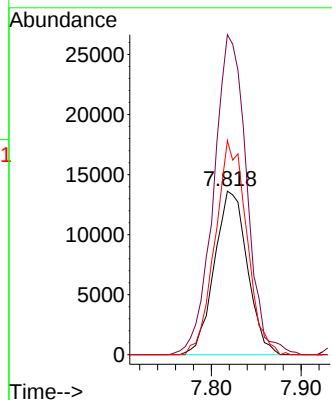
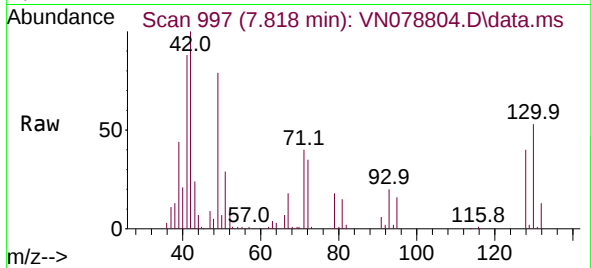
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion:128 Resp: 3468
Ion Ratio Lower Upper
128 100
49 193.9 0.0 370.8
130 126.2 0.0 307.0

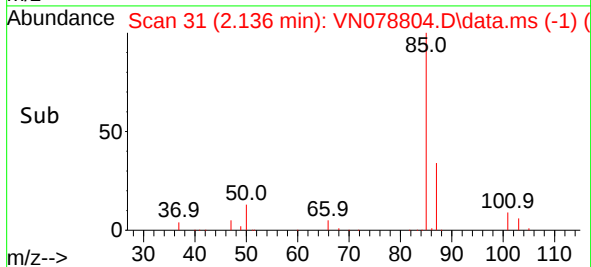
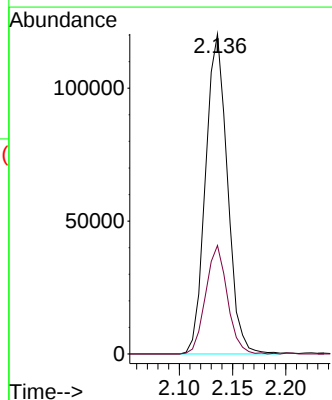
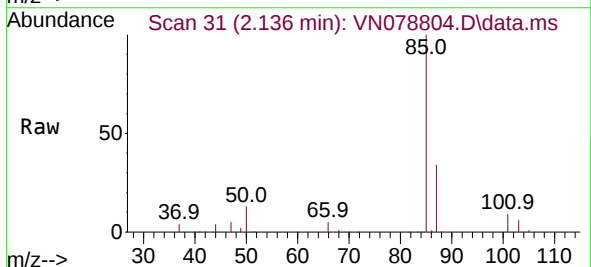
Manual Integrations
APPROVED

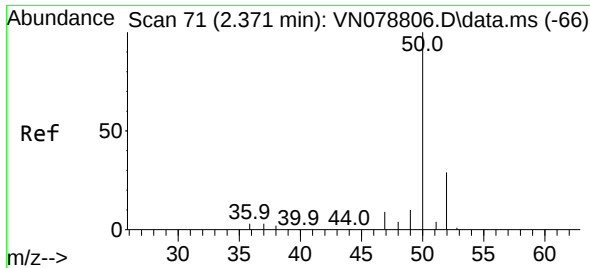
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#2
Dichlorodifluoromethane
Concen: 74.656 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Tgt Ion: 85 Resp: 172159
Ion Ratio Lower Upper
85 100
87 33.9 16.4 49.4





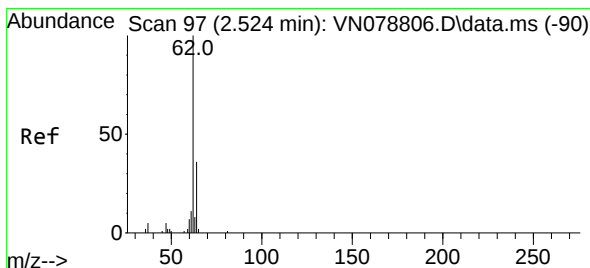
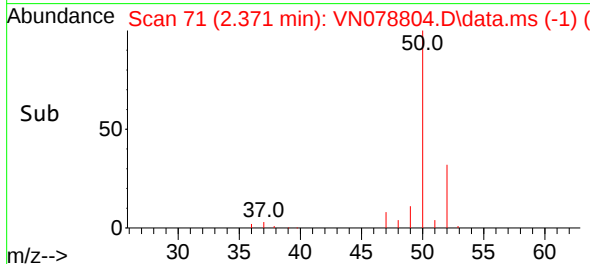
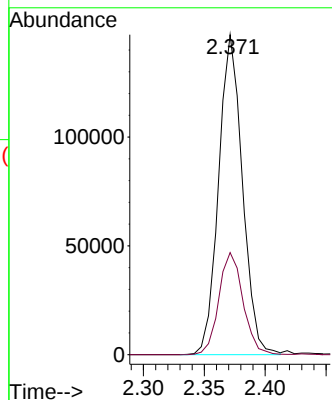
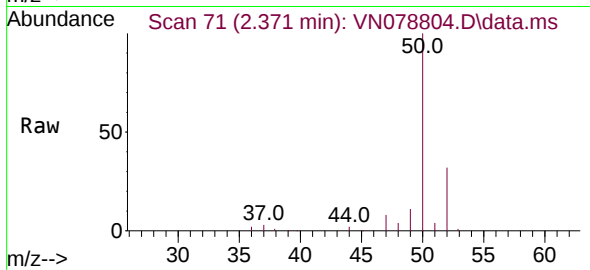
#3
Chloromethane
Concen: 72.670 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 50 Resp: 200010
Ion Ratio Lower Upper
50 100
52 31.9 24.6 36.8

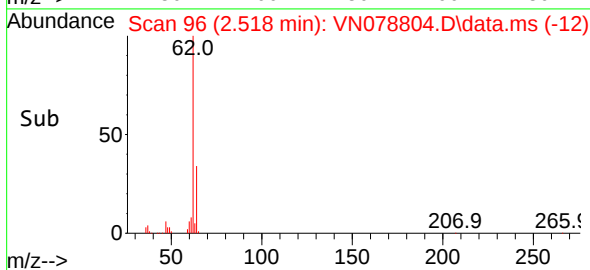
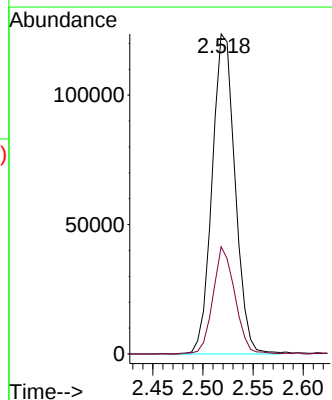
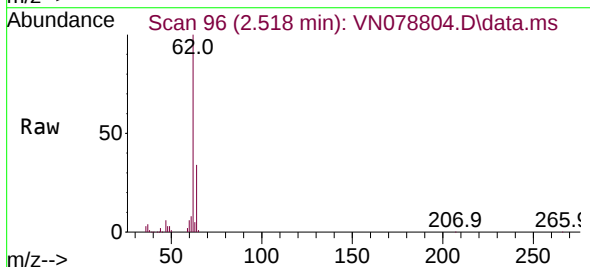
Manual Integrations
APPROVED

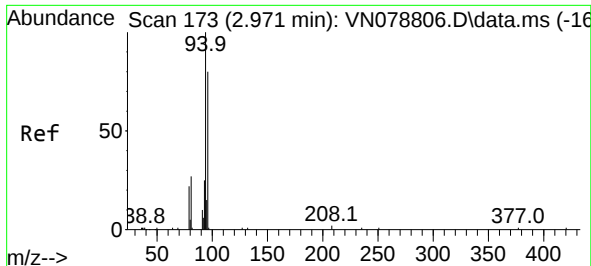
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#4
Vinyl Chloride
Concen: 56.010 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.006 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

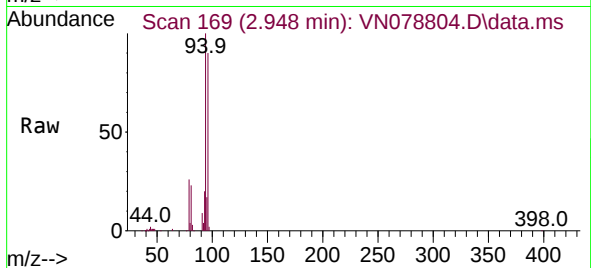
Tgt Ion: 62 Resp: 197167
Ion Ratio Lower Upper
62 100
64 33.4 23.3 34.9





#5
Bromomethane
Concen: 48.349 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

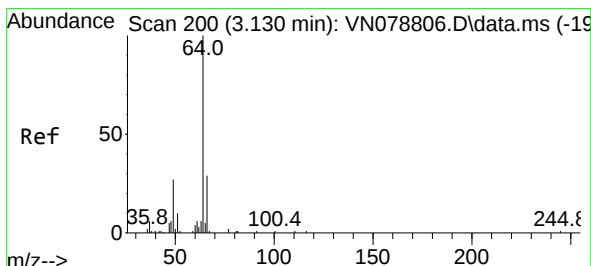
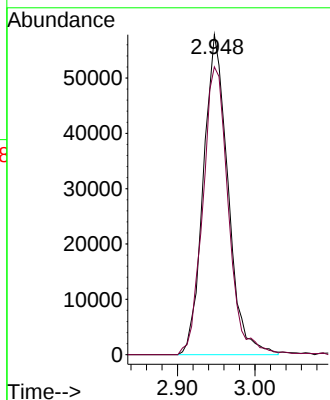
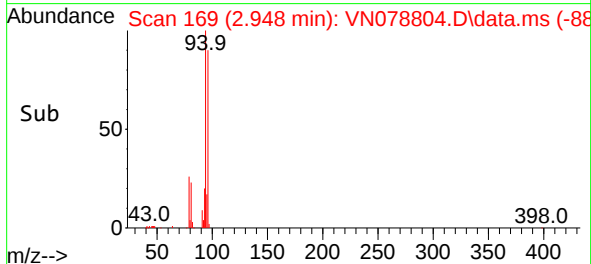
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



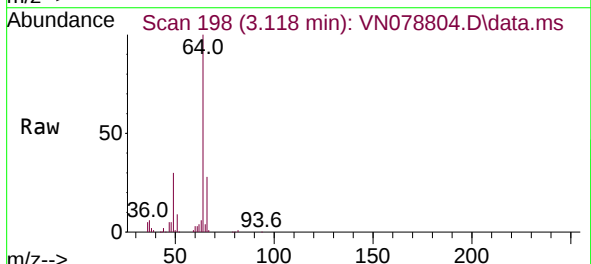
Tgt Ion: 94 Resp: 12769
Ion Ratio Lower Upper
94 100
96 90.0 73.9 110.9

Manual Integrations
APPROVED

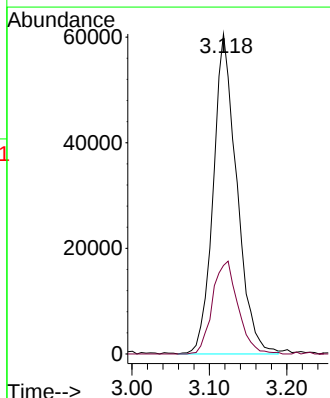
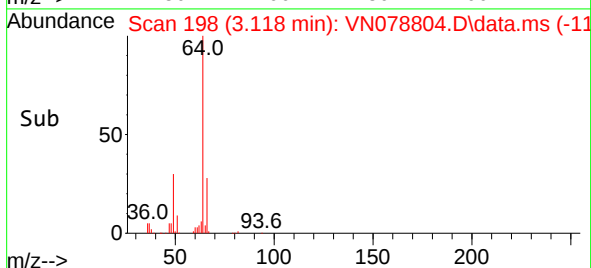
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

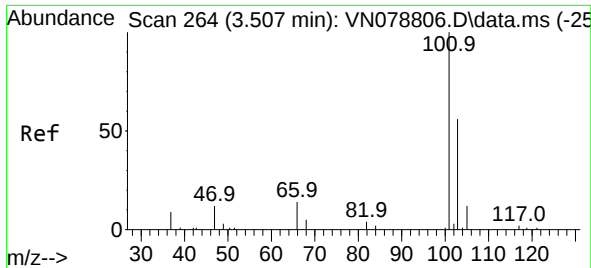


#6
Chloroethane
Concen: 54.413 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.012 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51



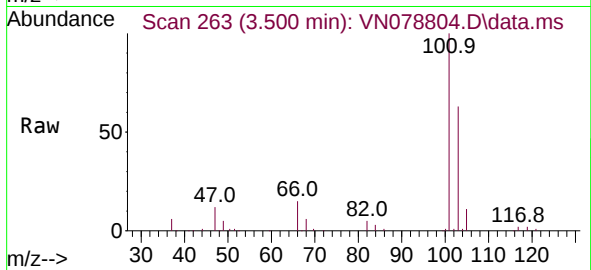
Tgt Ion: 64 Resp: 128063
Ion Ratio Lower Upper
64 100
66 27.7 25.7 38.5





#7
Trichlorofluoromethane
Concen: 69.383 ug/l
RT: 3.500 min Scan# 264
Delta R.T. -0.006 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

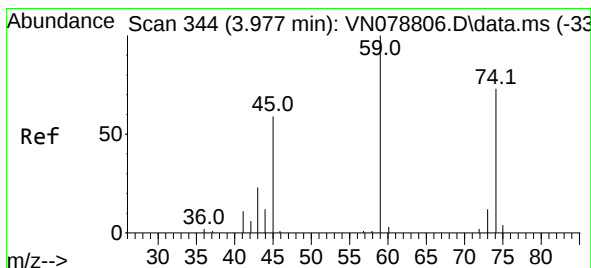
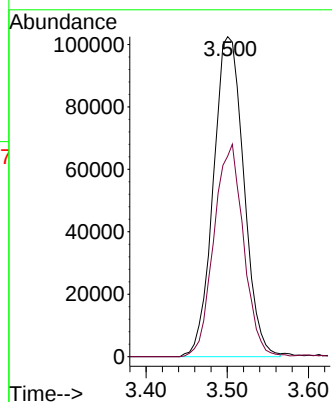
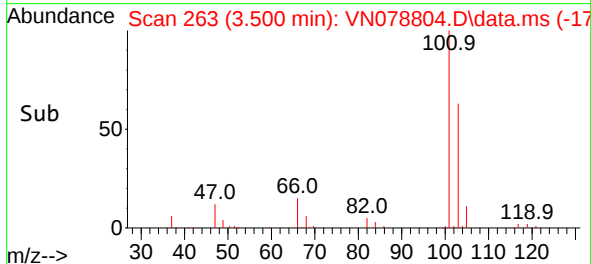
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion:101 Resp: 267110
Ion Ratio Lower Upper
101 100
103 62.7 50.4 75.6

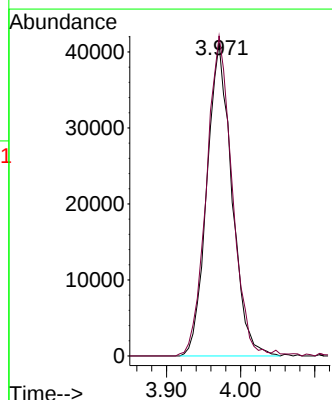
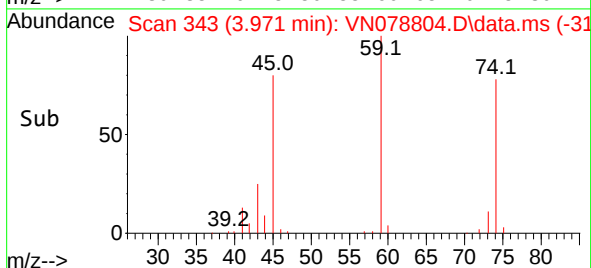
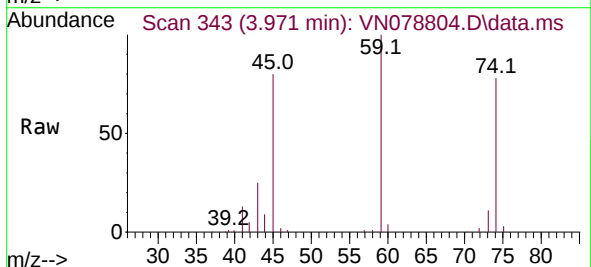
Manual Integrations
APPROVED

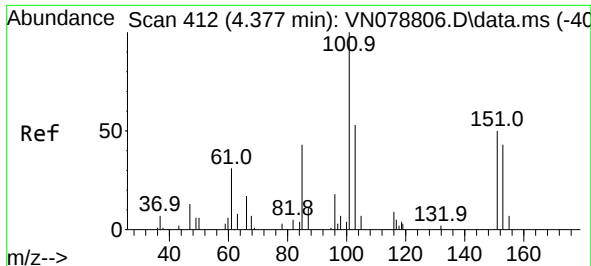
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#8
Diethyl Ether
Concen: 75.480 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.006 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Tgt Ion: 74 Resp: 96545
Ion Ratio Lower Upper
74 100
45 104.9 16.3 146.5





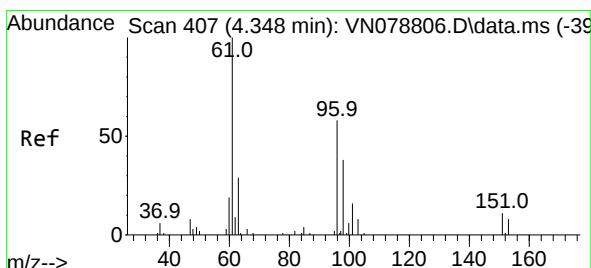
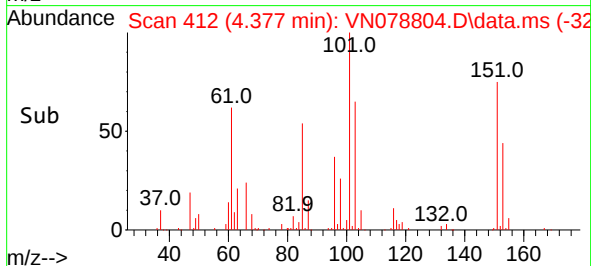
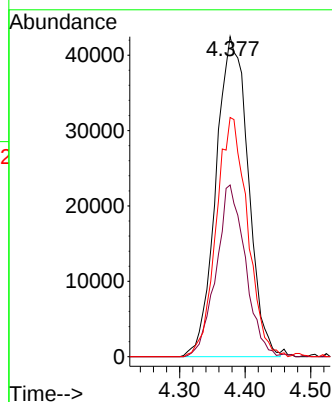
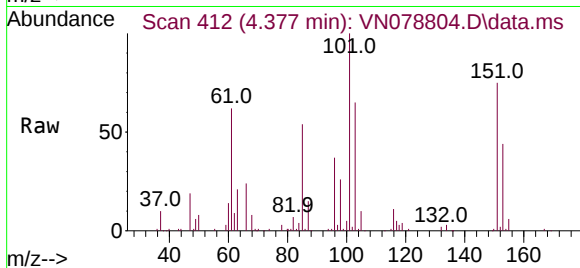
#9
1,1,2-Trichlorotrifluoroethane
Concen: 69.566 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:101 Resp: 14493
Ion Ratio Lower Upper
101 100
85 48.4 0.0 89.2
151 72.5 0.0 148.8

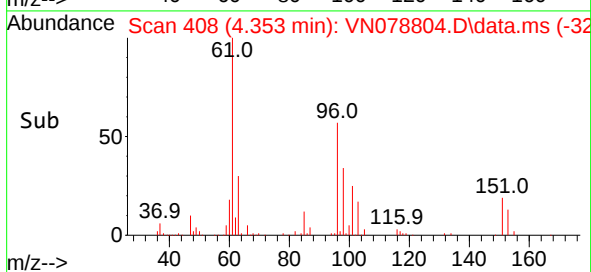
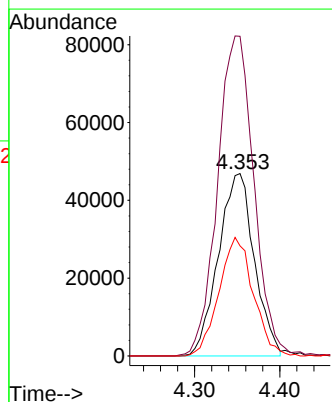
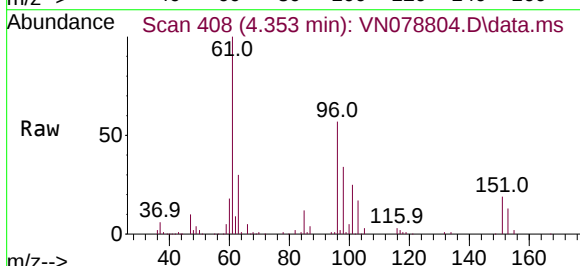
Manual Integrations
APPROVED

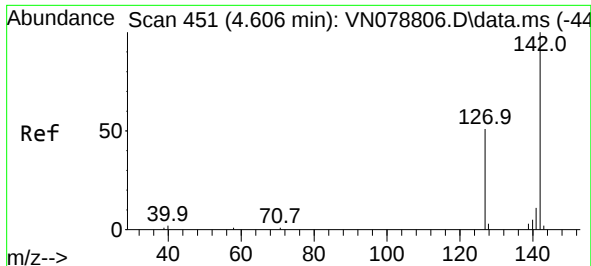
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#10
1,1-Dichloroethene
Concen: 69.605 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

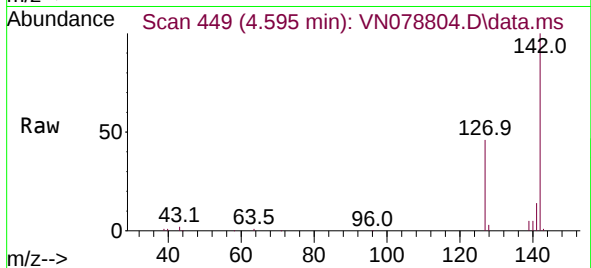
Tgt Ion: 96 Resp: 137348
Ion Ratio Lower Upper
96 100
61 174.6 123.4 185.2
98 60.4 53.7 80.5





#11
Methyl Iodide
Concen: 71.987 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.012 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

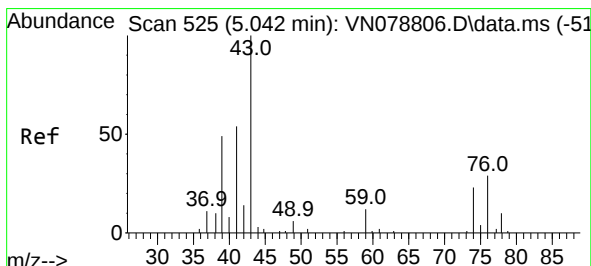
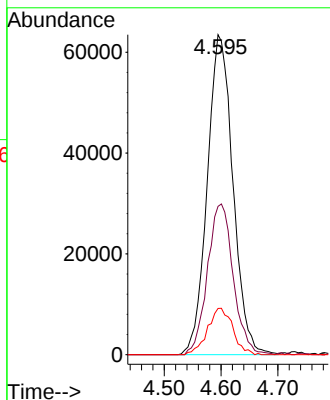
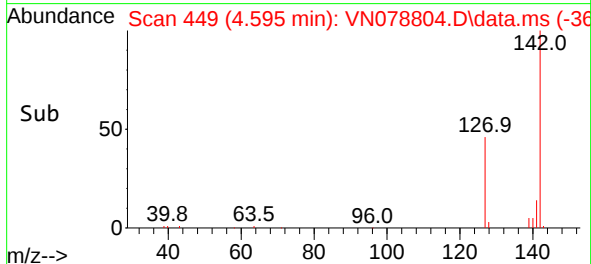
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion:142 Resp: 199283
Ion Ratio Lower Upper
142 100
127 46.2 23.2 69.5
141 14.5 7.2 21.7

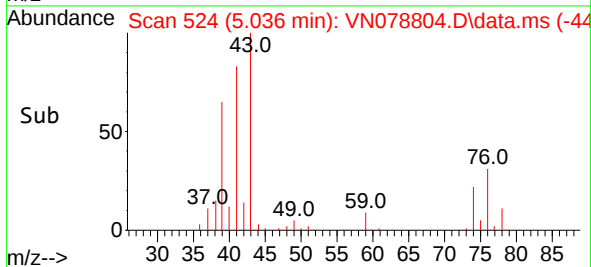
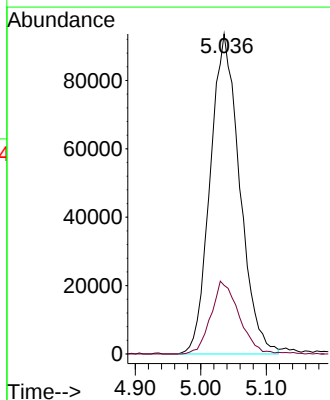
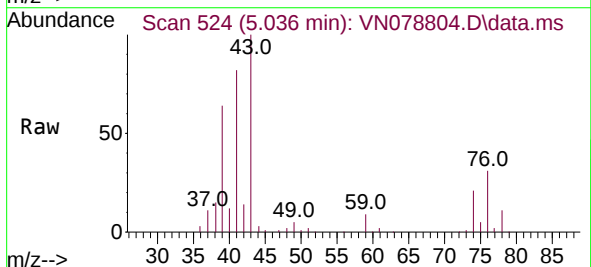
Manual Integrations
APPROVED

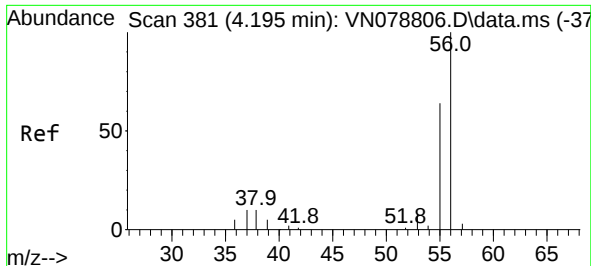
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#12
Methyl Acetate
Concen: 84.629 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

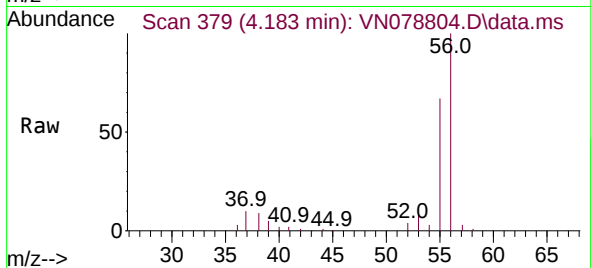
Tgt Ion: 43 Resp: 292474
Ion Ratio Lower Upper
43 100
74 21.3 20.5 30.7





#13
Acrolein
Concen: 428.041 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

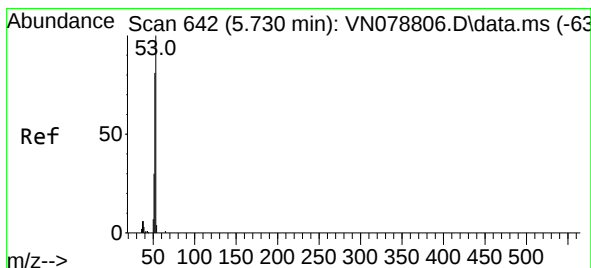
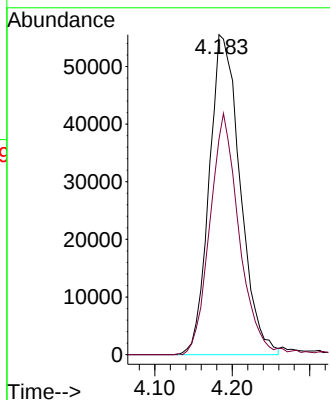
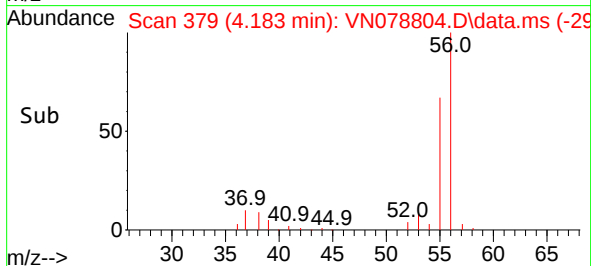
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 56 Resp: 154050
Ion Ratio Lower Upper
56 100
55 70.6 59.0 88.4

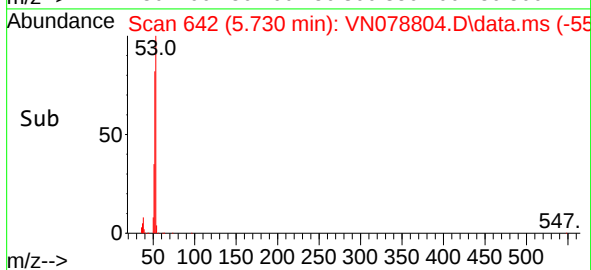
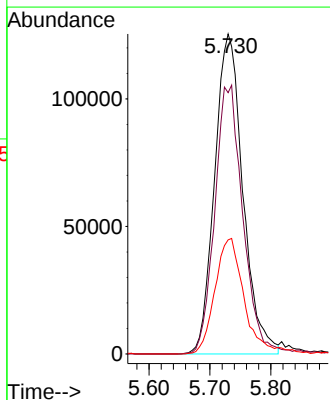
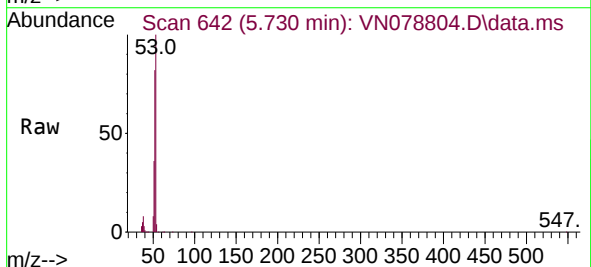
Manual Integrations
APPROVED

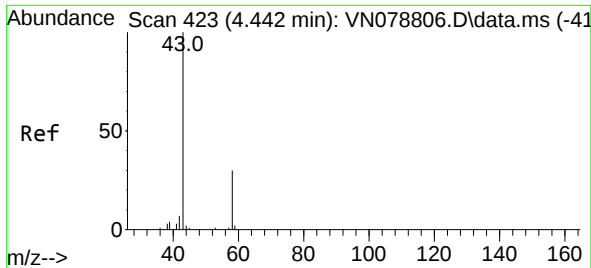
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#14
Acrylonitrile
Concen: 409.926 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

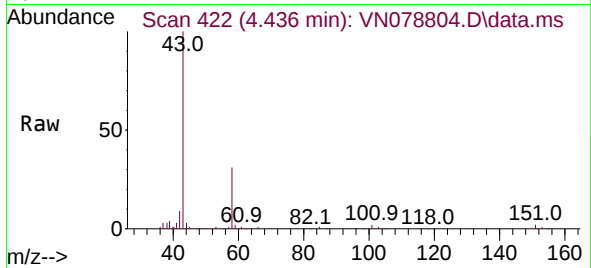
Tgt Ion: 53 Resp: 405061
Ion Ratio Lower Upper
53 100
52 83.4 42.3 126.9
51 36.4 18.4 55.4





#15
Acetone
Concen: 366.474 ug/l
RT: 4.436 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

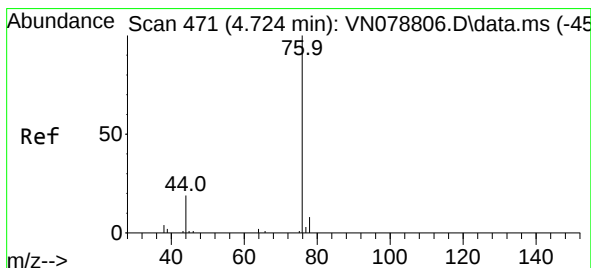
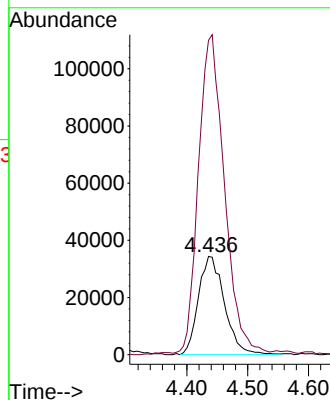
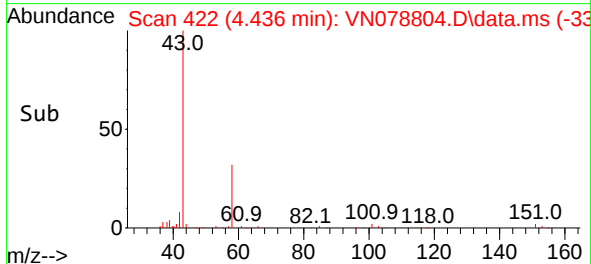
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



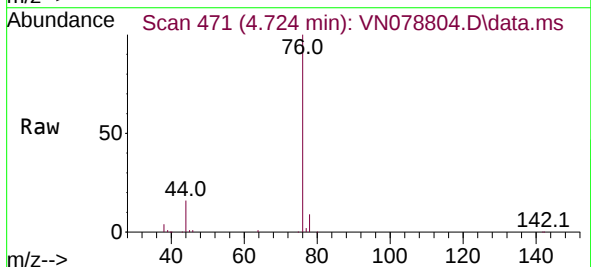
Tgt Ion: 58 Resp: 10218
Ion Ratio Lower Upper
58 100
43 316.8 227.5 341.3

Manual Integrations
APPROVED

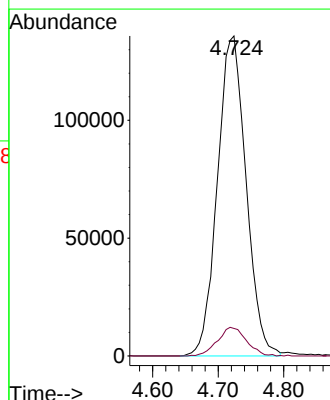
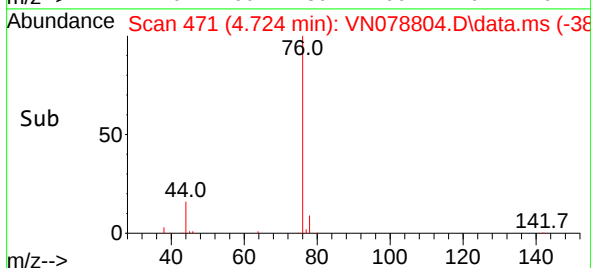
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

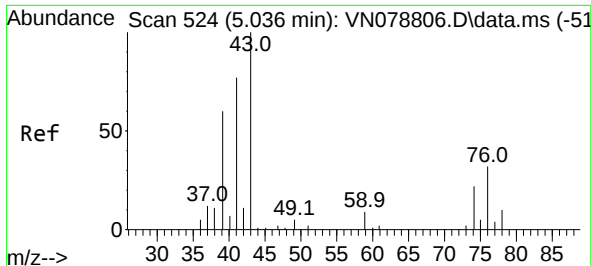


#16
Carbon Disulfide
Concen: 73.252 ug/l
RT: 4.724 min Scan# 471
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51



Tgt Ion: 76 Resp: 411931
Ion Ratio Lower Upper
76 100
78 8.6 7.7 11.5





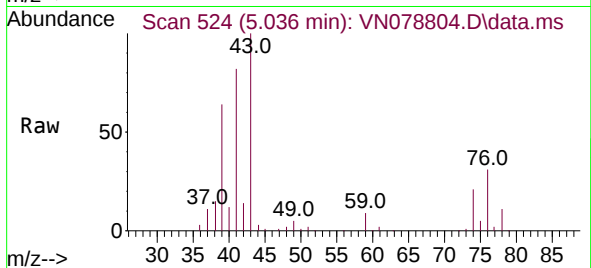
#17
 Allyl chloride
 Concen: 89.749 ug/l
 RT: 5.036 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN078804.D
 Acq: 08 Aug 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

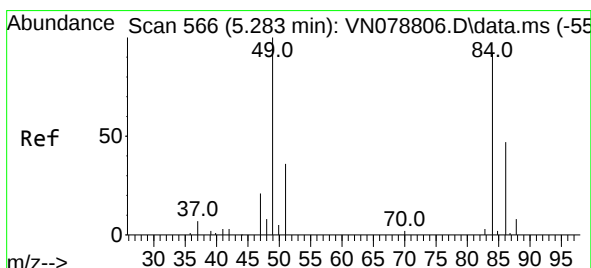
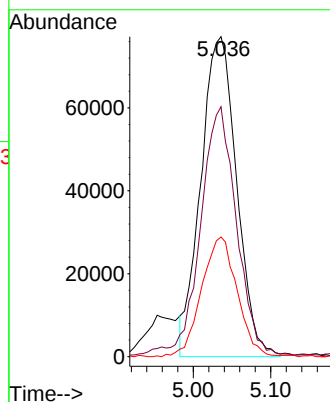
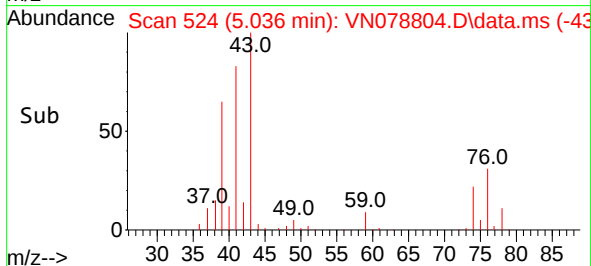


Tgt Ion: 41 Resp: 24824
 Ion Ratio Lower Upper
 41 100
 39 77.9 37.6 112.8
 76 37.3 23.8 71.4

Manual Integrations

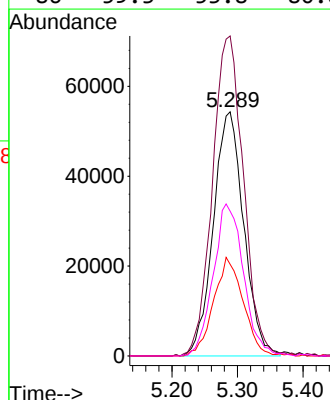
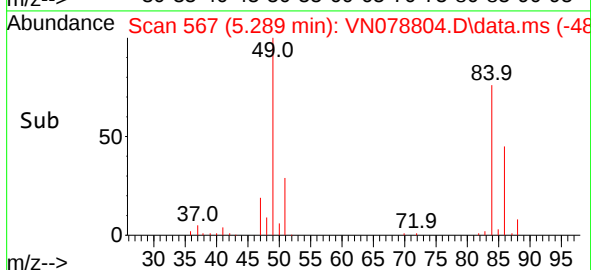
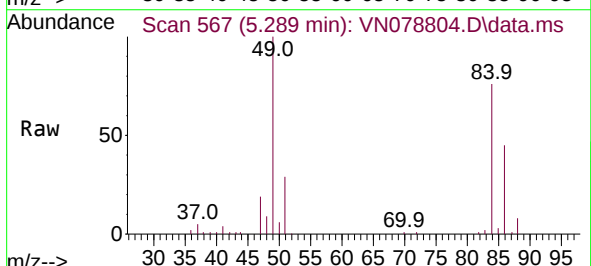
APPROVED

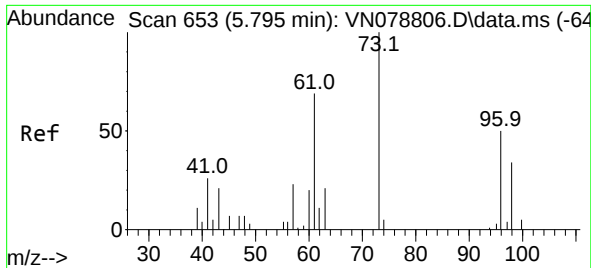
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023



#18
 Methylene Chloride
 Concen: 72.854 ug/l
 RT: 5.289 min Scan# 567
 Delta R.T. 0.006 min
 Lab File: VN078804.D
 Acq: 08 Aug 2023 17:51

Tgt Ion: 84 Resp: 174819
 Ion Ratio Lower Upper
 84 100
 49 131.0 88.1 132.1
 51 37.6 24.0 36.0#
 86 59.3 53.8 80.8





#19

trans-1,2-Dichloroethene

Concen: 70.170 ug/l

RT: 5.794 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN078804.D

Acq: 08 Aug 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 96 Resp: 160644

Ion Ratio Lower Upper

96 100

61 141.4 105.2 157.8

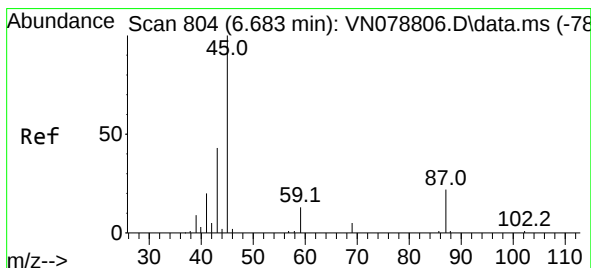
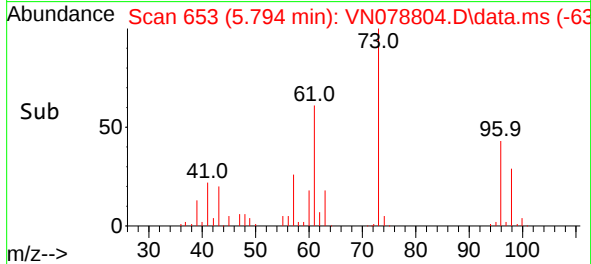
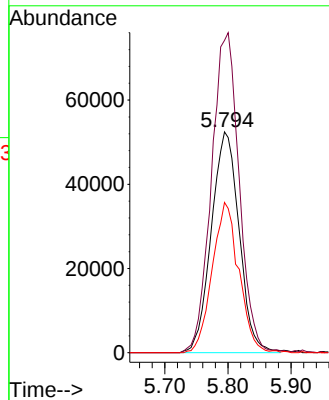
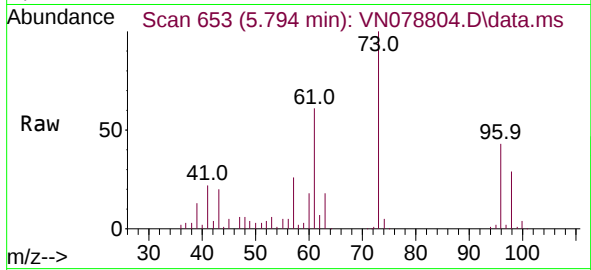
98 68.0 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#20

Diisopropyl ether

Concen: 91.138 ug/l

RT: 6.683 min Scan# 804

Delta R.T. -0.000 min

Lab File: VN078804.D

Acq: 08 Aug 2023 17:51

Tgt Ion: 45 Resp: 584206

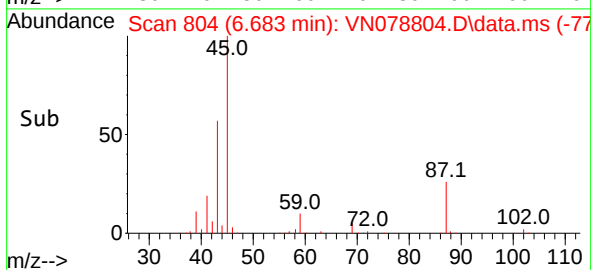
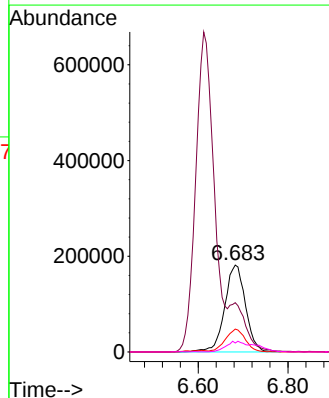
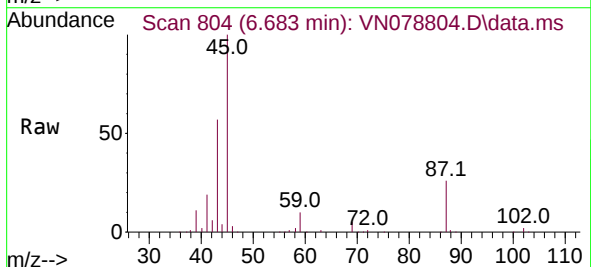
Ion Ratio Lower Upper

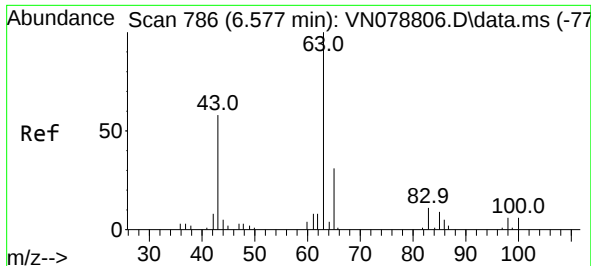
45 100

43 55.6 43.6 65.4

87 26.3 25.8 38.6

59 9.9 10.6 16.0#





#21

1,1-Dichloroethane

Concen: 76.517 ug/l

RT: 6.577 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN078804.D

Acq: 08 Aug 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 63 Resp: 314692

Ion Ratio Lower Upper

63 100

98 7.9 2.7 8.1

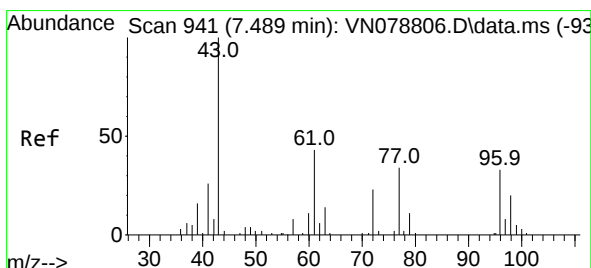
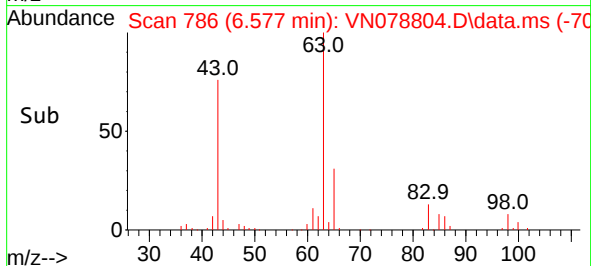
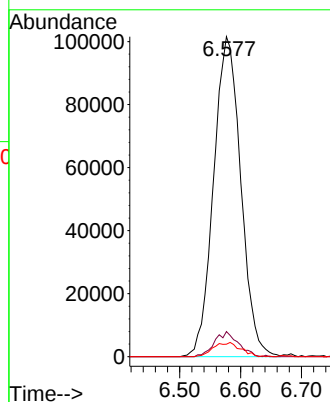
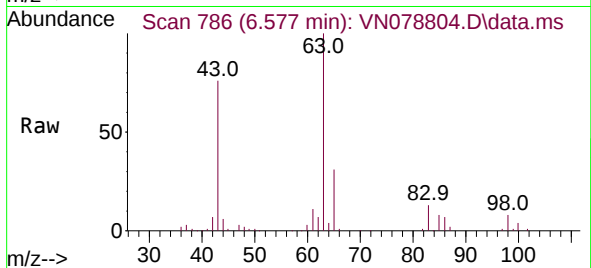
100 3.9 2.5 7.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#22

cis-1,2-Dichloroethene

Concen: 80.751 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN078804.D

Acq: 08 Aug 2023 17:51

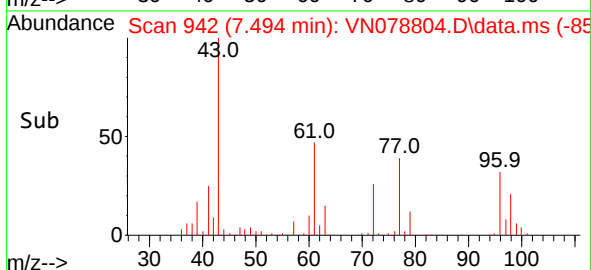
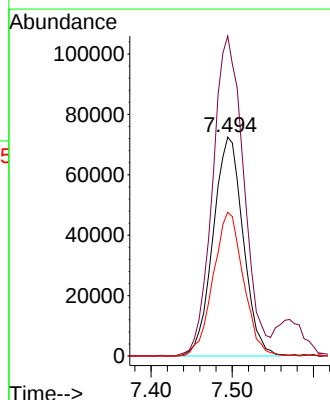
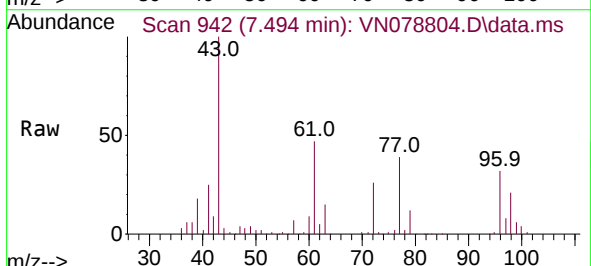
Tgt Ion: 96 Resp: 186639

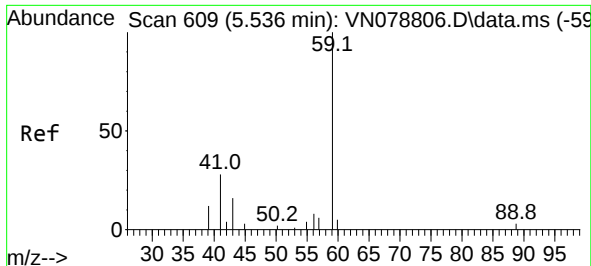
Ion Ratio Lower Upper

96 100

61 151.8 113.8 170.6

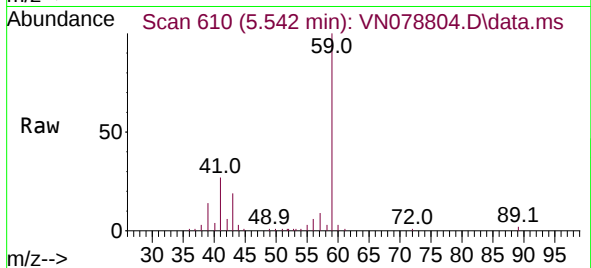
98 65.9 52.2 78.4





#23
tert-Butyl Alcohol
Concen: 361.658 ug/l m
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

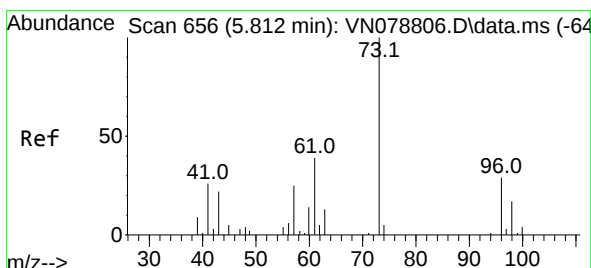
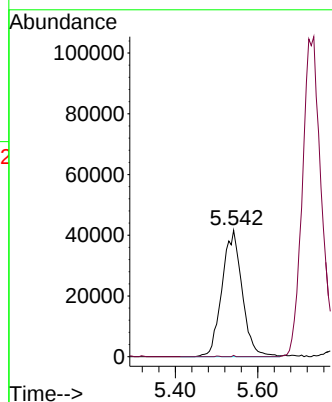
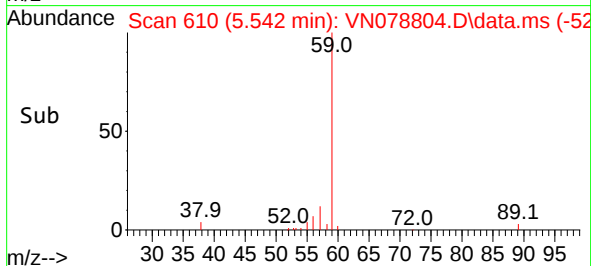
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 59 Resp: 141258
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1

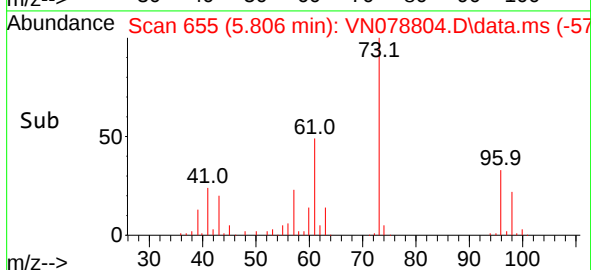
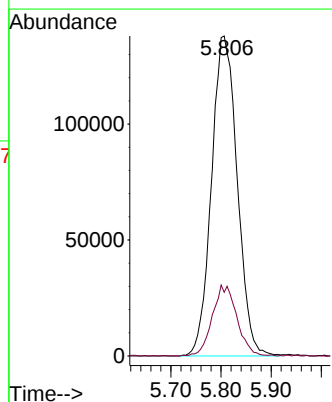
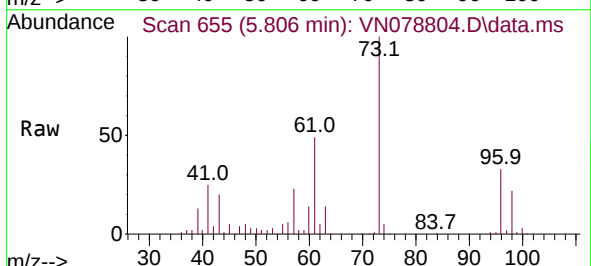
Manual Integrations
APPROVED

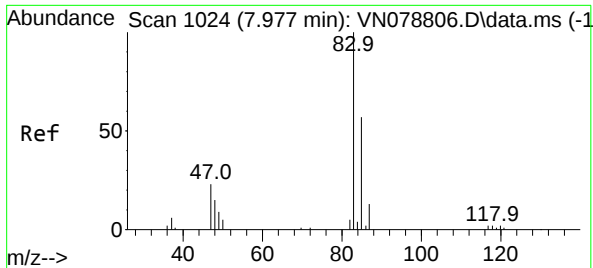
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#24
Methyl tert-Butyl Ether
Concen: 74.090 ug/l
RT: 5.806 min Scan# 655
Delta R.T. -0.006 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Tgt Ion: 73 Resp: 492486
Ion Ratio Lower Upper
73 100
43 10.8 14.5 21.7#





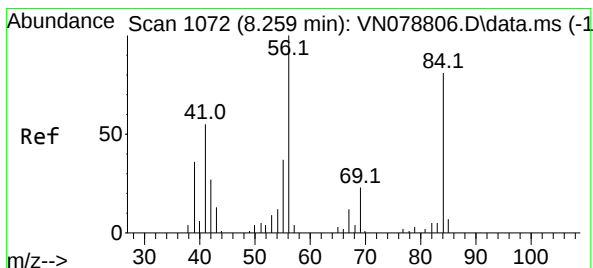
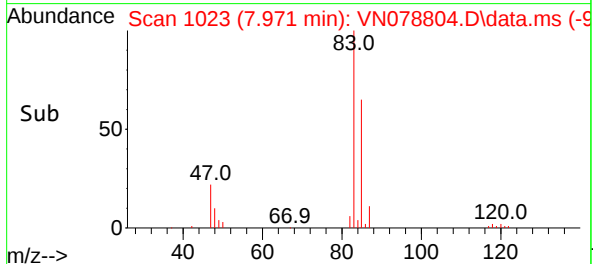
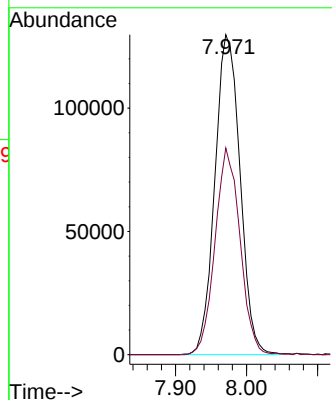
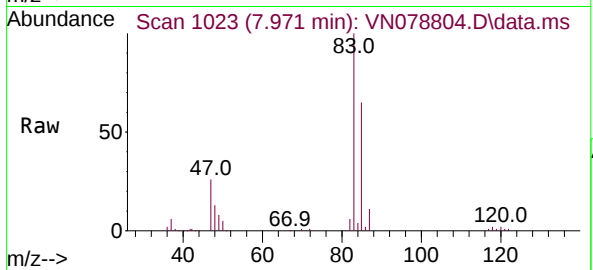
#25
Chloroform
Concen: 74.643 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 83 Resp: 319590
Ion Ratio Lower Upper
83 100
85 64.6 53.4 80.0

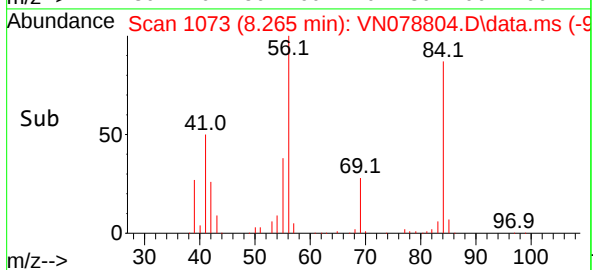
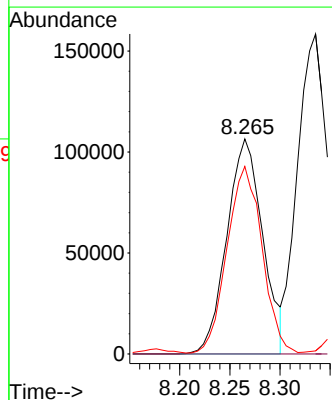
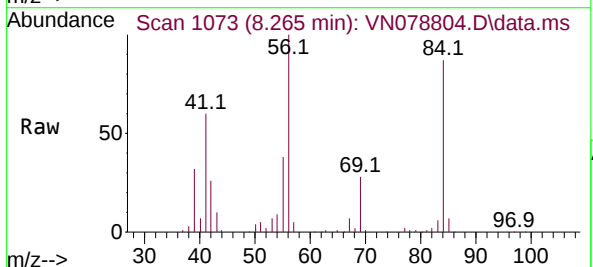
Manual Integrations
APPROVED

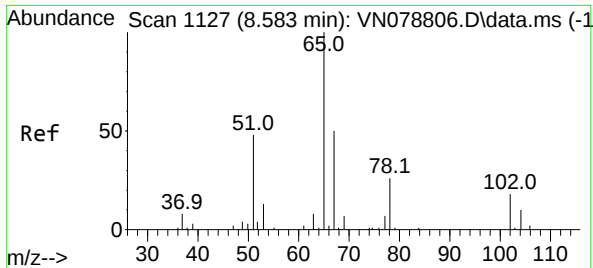
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#26
Cyclohexane
Concen: 88.108 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Tgt Ion: 56 Resp: 265111
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.5 74.2 111.4





#27
1,2-Dichloroethane-d4
Concen: 30.921 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

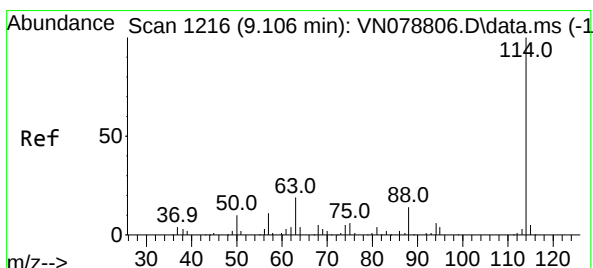
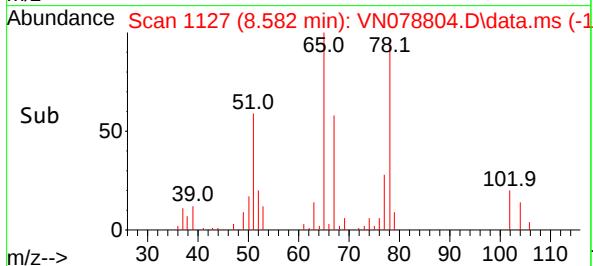
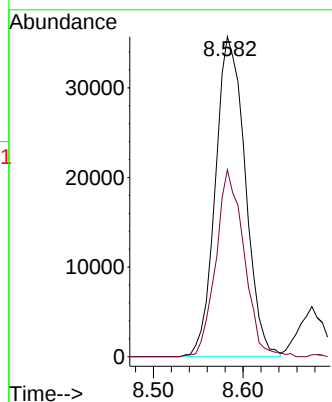
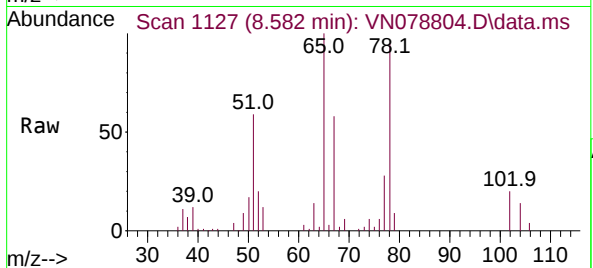
VSTDIC075

Tgt Ion: 65 Resp: 82368
Ion Ratio Lower Upper
65 100
67 55.2 42.9 64.3

Manual Integrations

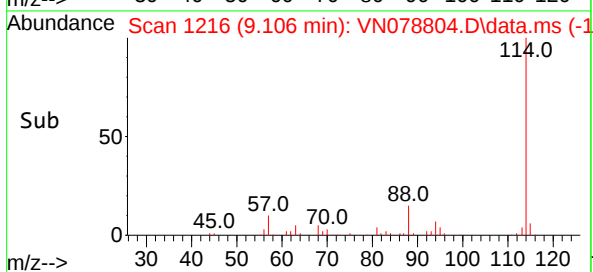
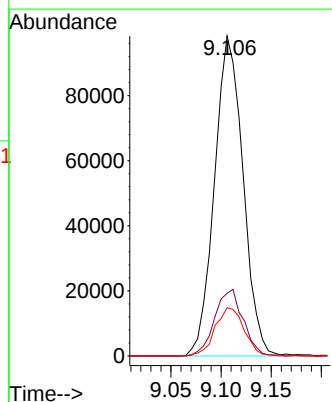
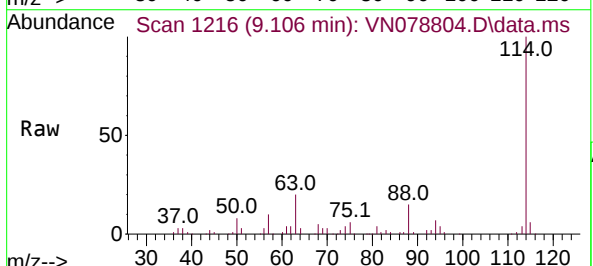
APPROVED

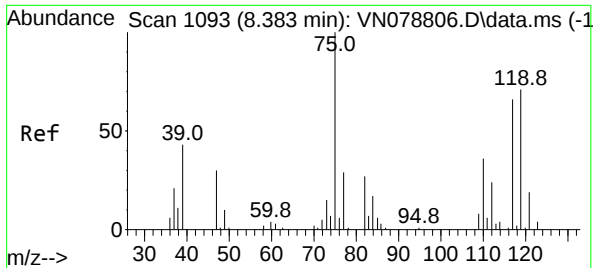
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Tgt Ion:114 Resp: 194311
Ion Ratio Lower Upper
114 100
63 20.7 15.2 22.8
88 15.3 12.5 18.7





#29
1,1-Dichloropropene
Concen: 82.041 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

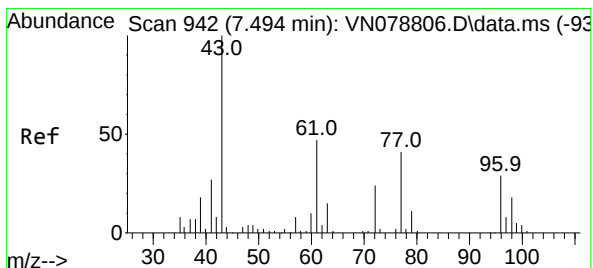
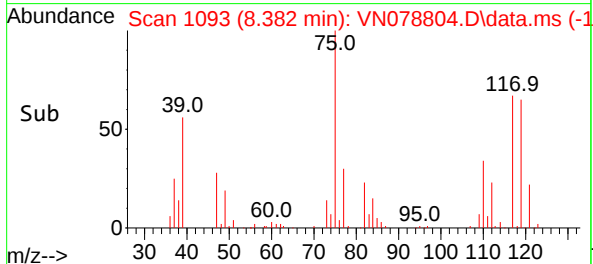
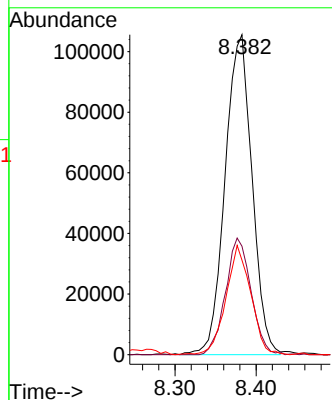
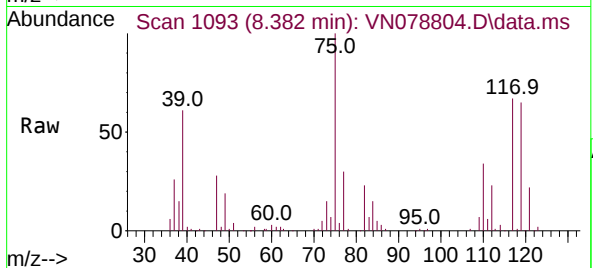
Tgt Ion: 75 Resp: 24381
Ion Ratio Lower Upper
75 100
110 34.3 0.0 72.2
77 31.3 0.0 62.8

Manual Integrations

APPROVED

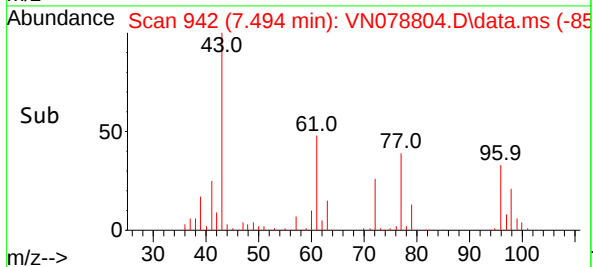
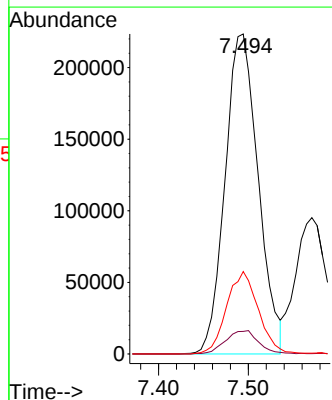
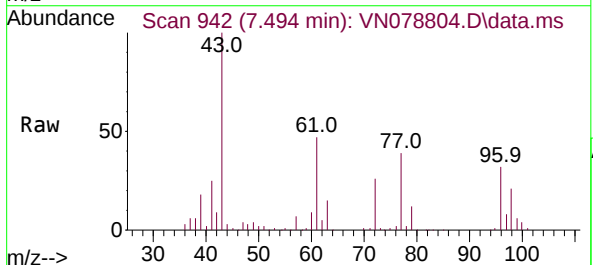
Reviewed By :John Carlone 08/09/2023

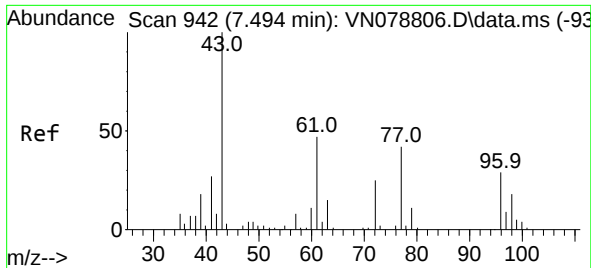
Supervised By :Semsettin Yesilyurt 08/09/2023



#30
2-Butanone
Concen: 468.777 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Tgt Ion: 43 Resp: 574185
Ion Ratio Lower Upper
43 100
57 7.3 6.8 10.2
72 24.7 23.8 35.6





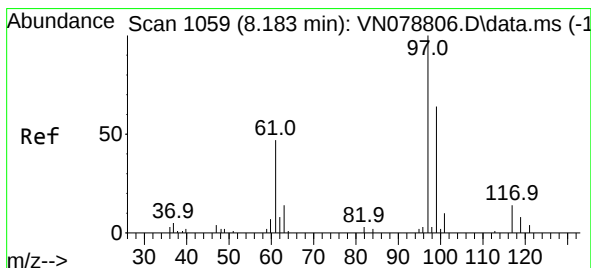
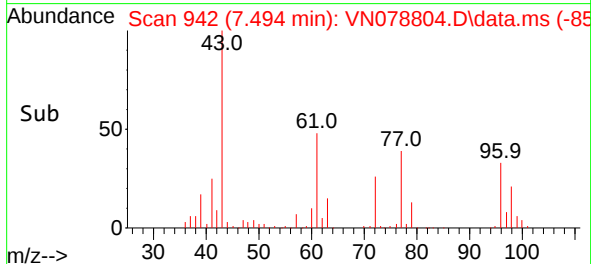
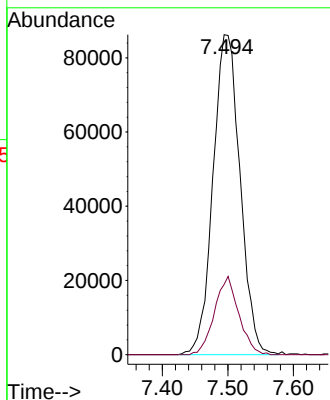
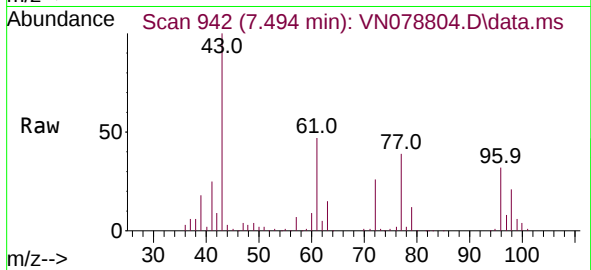
#31
2,2-Dichloropropane
Concen: 74.395 ug/l
RT: 7.494 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC075

Tgt Ion: 77 Resp: 24675
Ion Ratio Lower Upper
77 100
97 21.9 18.8 28.2

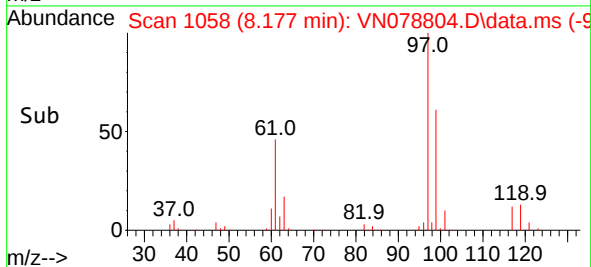
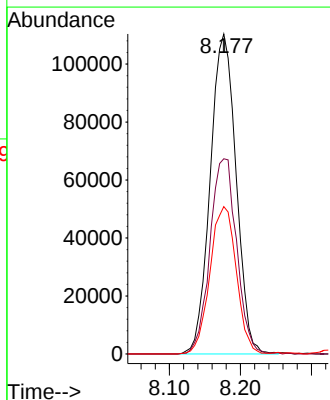
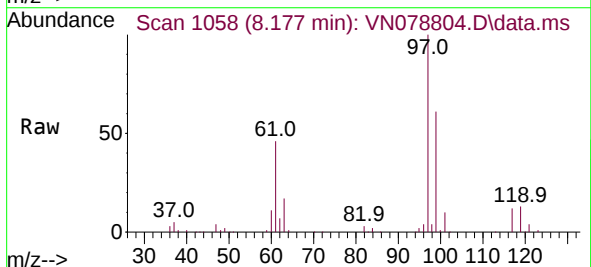
Manual Integrations
APPROVED

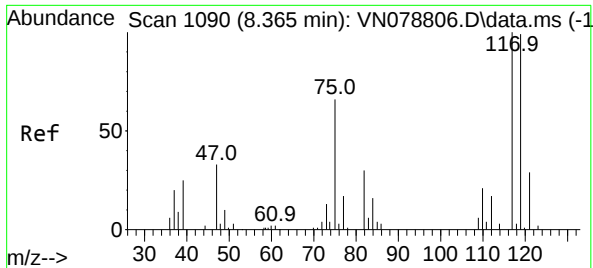
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#32
1,1,1-Trichloroethane
Concen: 76.405 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

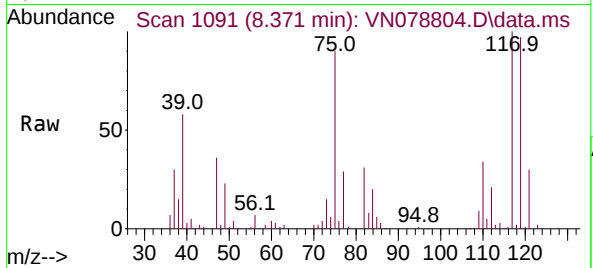
Tgt Ion: 97 Resp: 279024
Ion Ratio Lower Upper
97 100
99 62.8 51.3 76.9
61 46.9 34.6 52.0





#33
Carbon Tetrachloride
Concen: 75.022 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

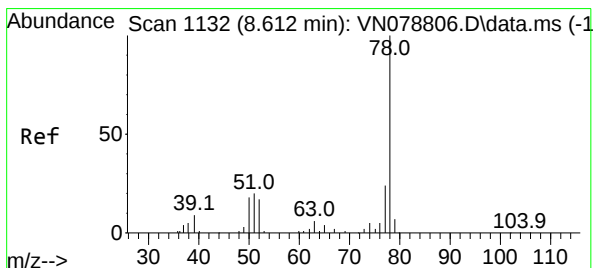
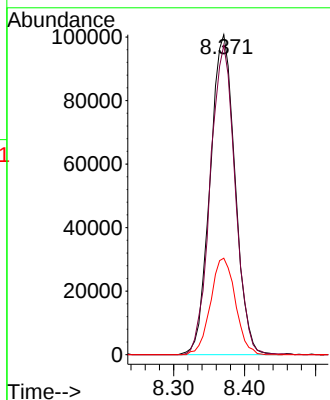
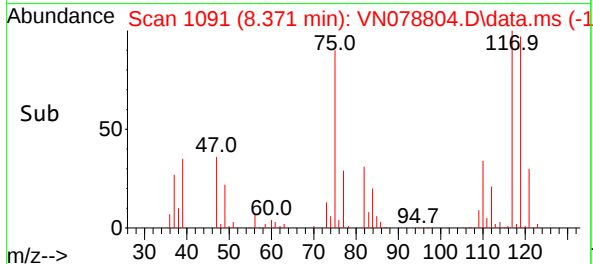
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:117 Resp: 244998
Ion Ratio Lower Upper
117 100
119 96.8 81.4 122.0
121 30.1 23.6 35.4

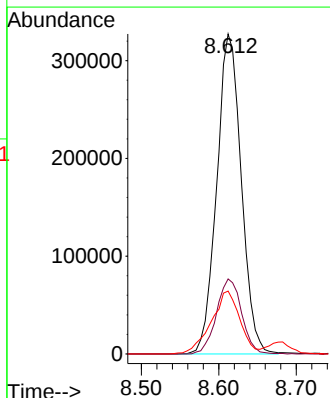
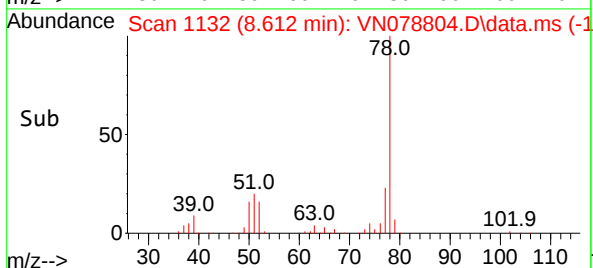
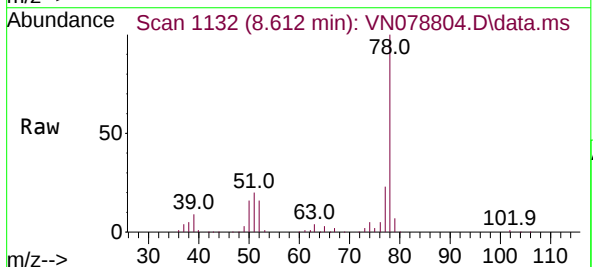
Manual Integrations
APPROVED

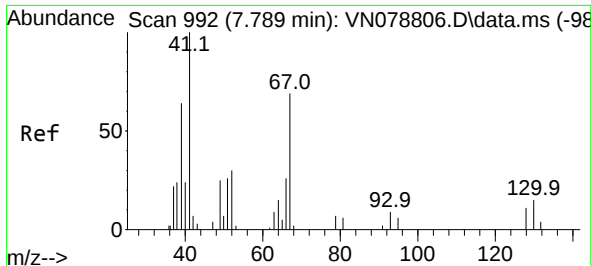
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#34
Benzene
Concen: 81.056 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Tgt Ion: 78 Resp: 720423
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5
51 19.4 13.7 20.5





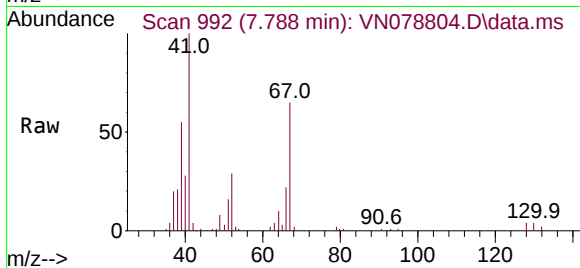
#35
Methacrylonitrile
Concen: 95.488 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

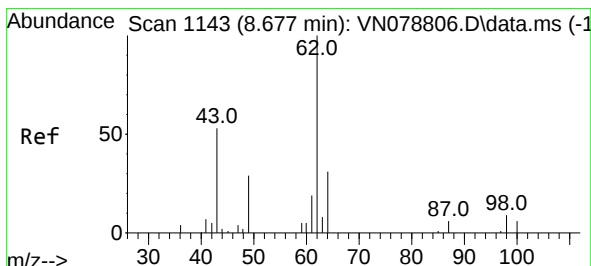
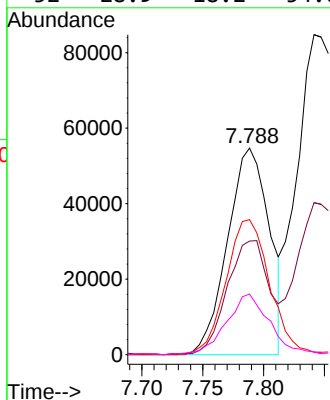
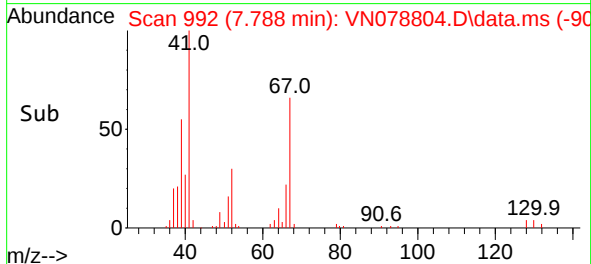


Tgt Ion: 41 Resp: 130832
Ion Ratio Lower Upper
41 100
39 54.5 33.9 101.6
67 65.4 45.9 137.6
52 28.9 18.2 54.6

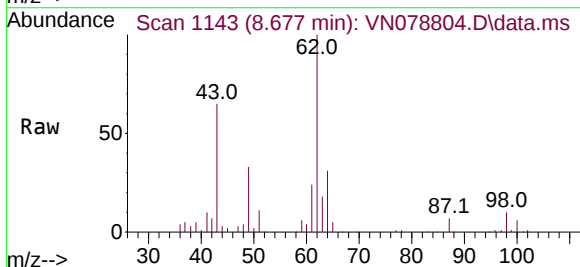
Manual Integrations

APPROVED

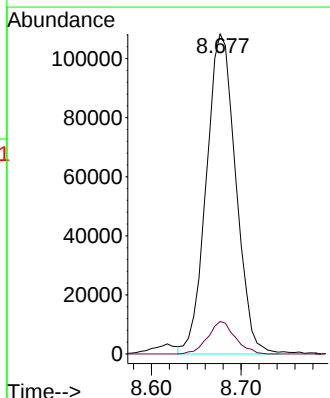
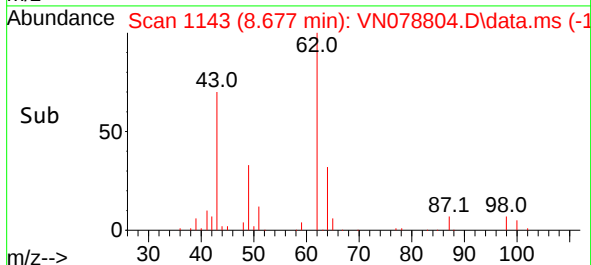
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

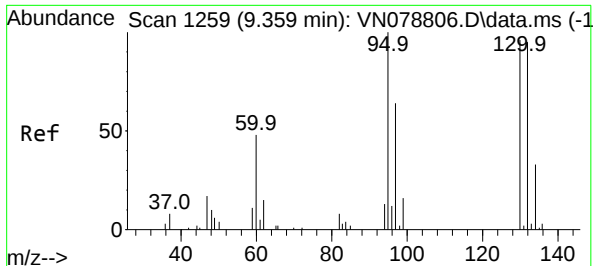


#36
1,2-Dichloroethane
Concen: 79.601 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51



Tgt Ion: 62 Resp: 247172
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.0





#37

Trichloroethene

Concen: 68.813 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN078804.D

Acq: 08 Aug 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:130 Resp: 167940

Ion Ratio Lower Upper

130 100

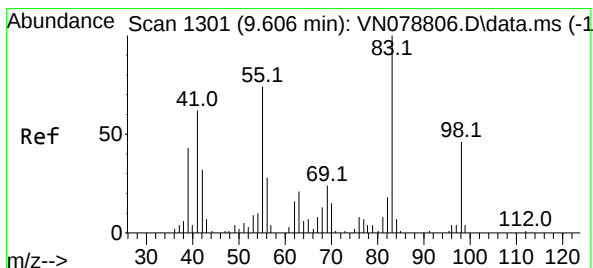
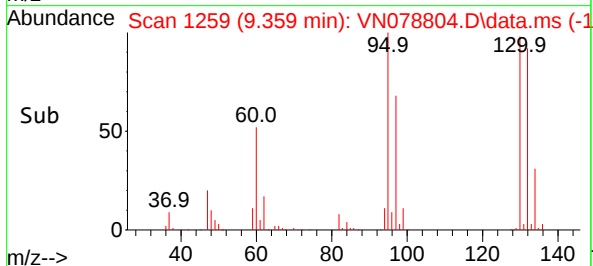
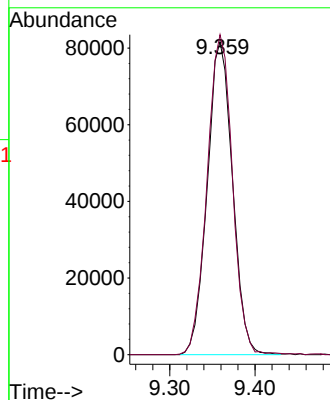
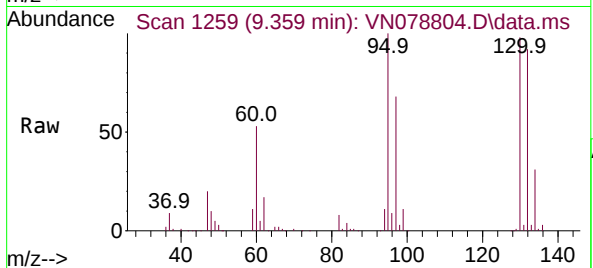
95 102.0 78.2 117.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#38

Methylcyclohexane

Concen: 78.027 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN078804.D

Acq: 08 Aug 2023 17:51

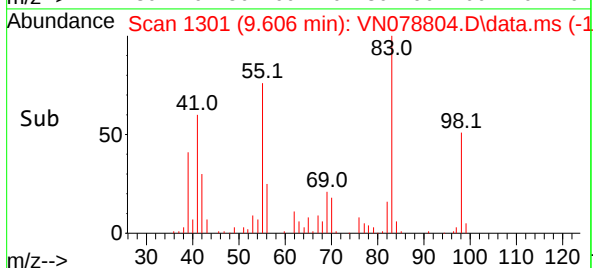
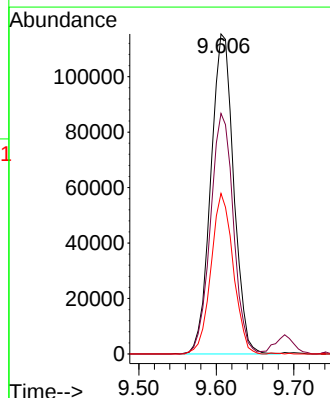
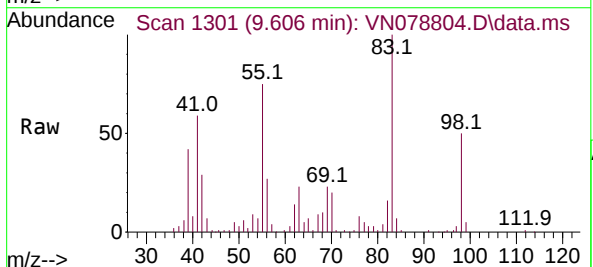
Tgt Ion: 83 Resp: 236638

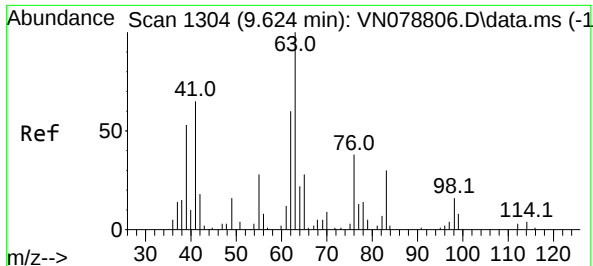
Ion Ratio Lower Upper

83 100

55 75.4 34.0 102.0

98 48.7 23.0 69.0





#39

1,2-Dichloropropane

Concen: 78.808 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078804.D

Acq: 08 Aug 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 63 Resp: 189698

Ion Ratio Lower Upper

63 100

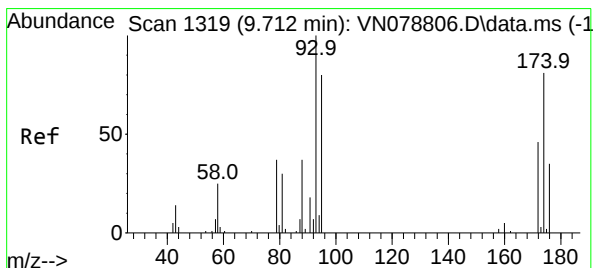
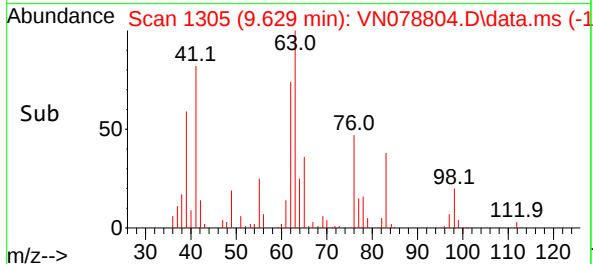
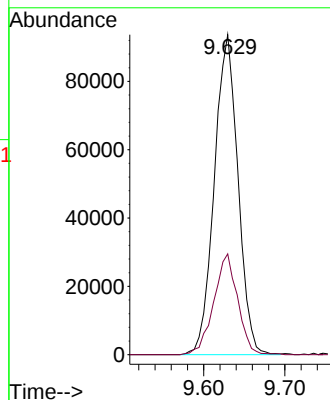
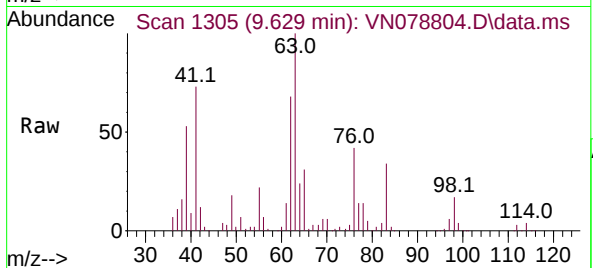
65 31.5 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#40

Dibromomethane

Concen: 77.674 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078804.D

Acq: 08 Aug 2023 17:51

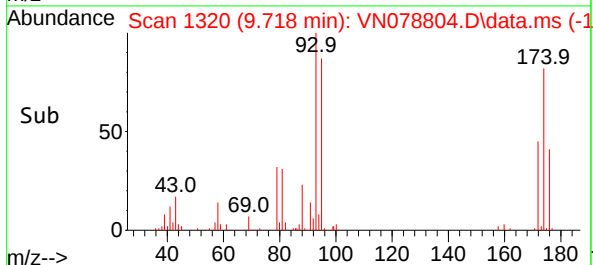
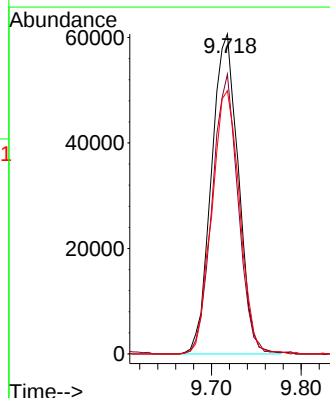
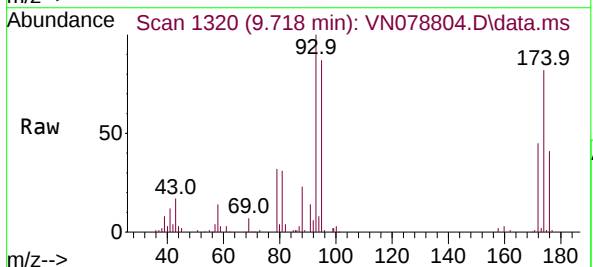
Tgt Ion: 93 Resp: 126609

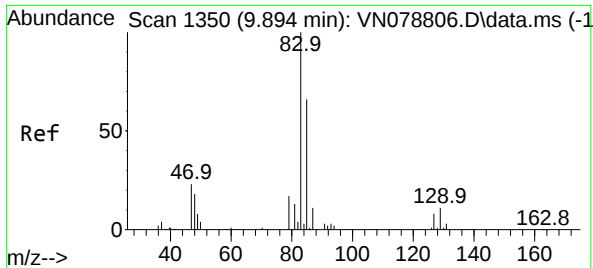
Ion Ratio Lower Upper

93 100

95 83.7 0.0 167.8

174 84.3 0.0 180.8





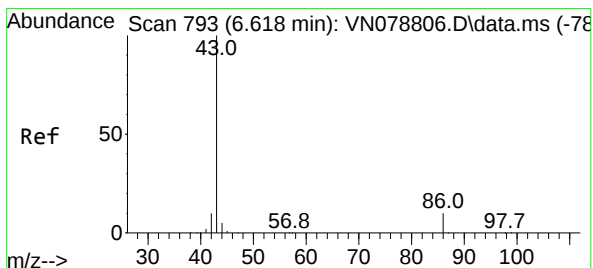
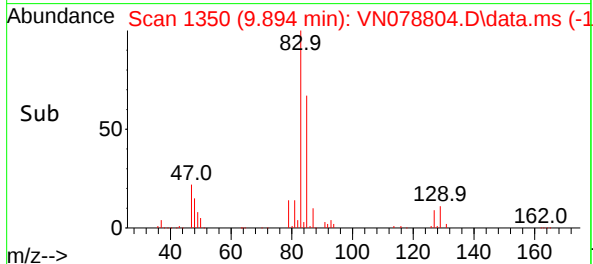
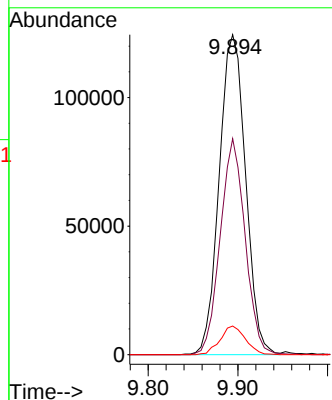
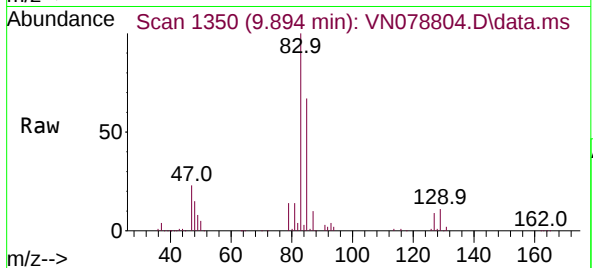
#41
Bromodichloromethane
Concen: 77.439 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 83 Resp: 253990
Ion Ratio Lower Upper
83 100
85 67.5 54.1 81.1
127 9.0 7.8 11.6

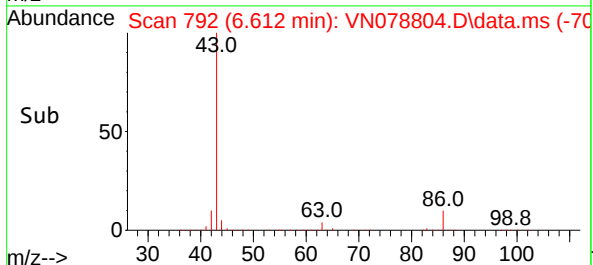
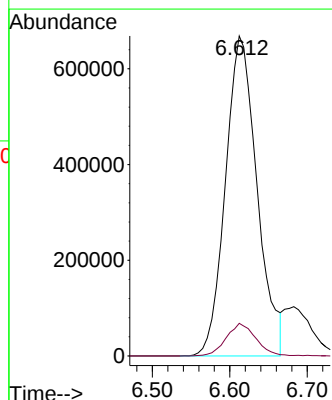
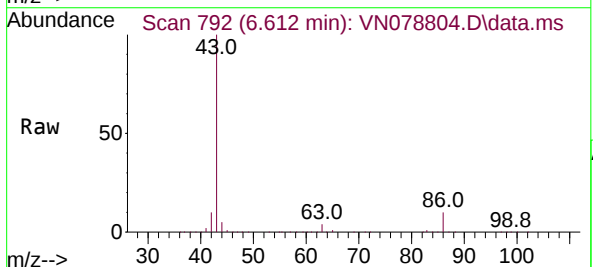
Manual Integrations
APPROVED

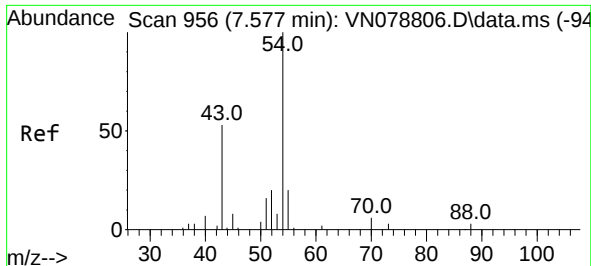
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#42
Vinyl Acetate
Concen: 482.755 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.006 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

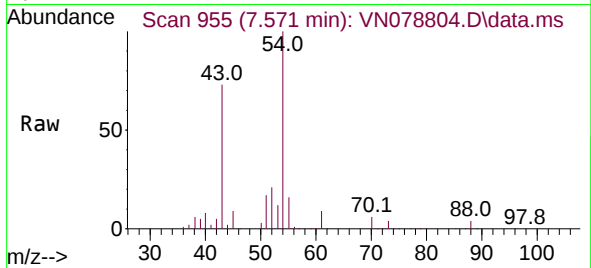
Tgt Ion: 43 Resp: 1898189
Ion Ratio Lower Upper
43 100
86 9.6 9.4 14.0





#43
Ethyl Acetate
Concen: 90.683 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

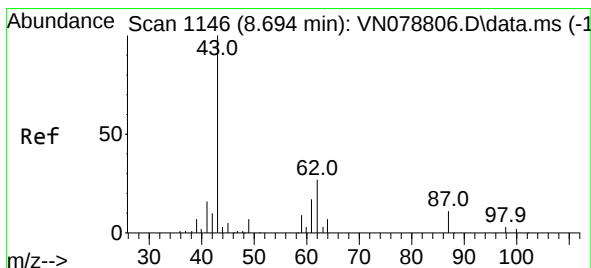
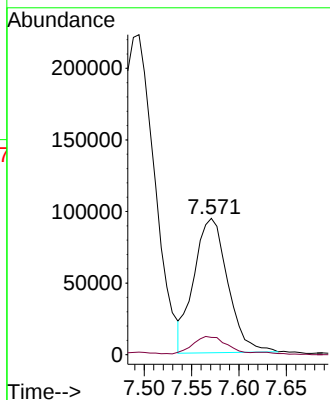
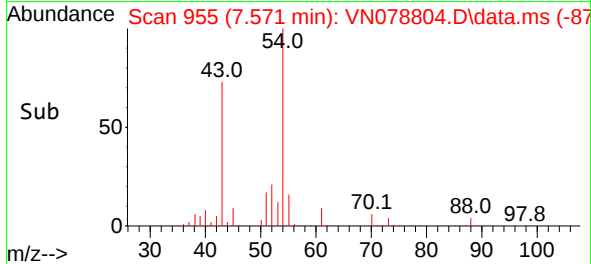
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 43 Resp: 23382
Ion Ratio Lower Upper
43 100
45 13.9 10.9 16.3

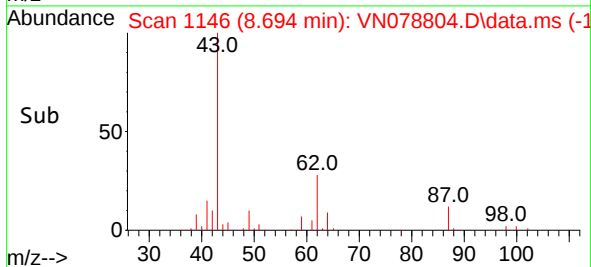
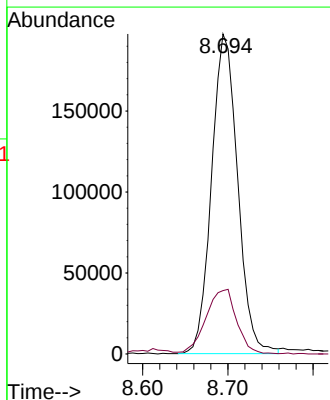
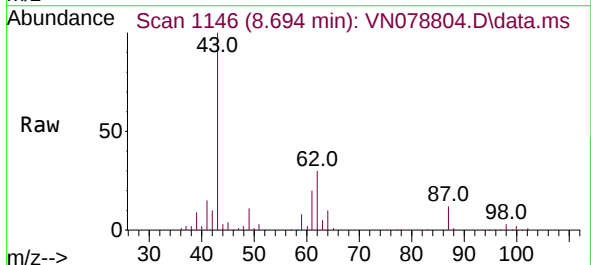
Manual Integrations
APPROVED

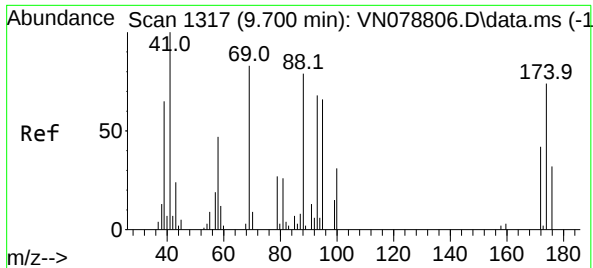
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#44
Isopropyl Acetate
Concen: 94.881 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

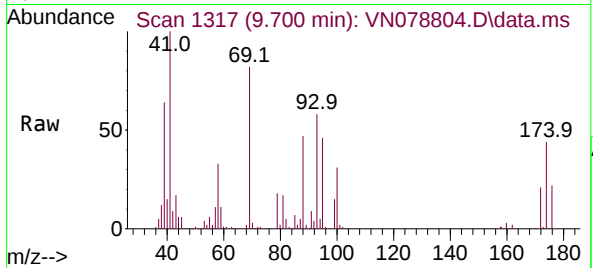
Tgt Ion: 43 Resp: 420001
Ion Ratio Lower Upper
43 100
61 23.8 23.0 34.6





#45
1,4-Dioxane
Concen: 1555.951 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

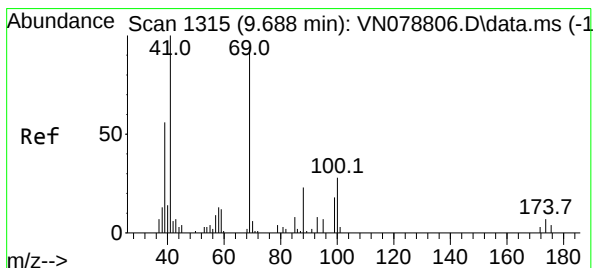
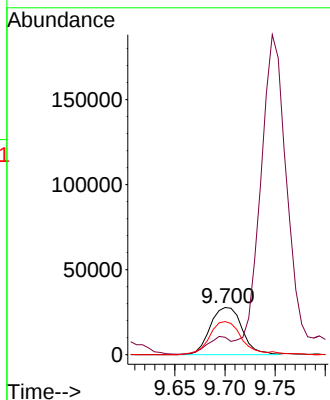
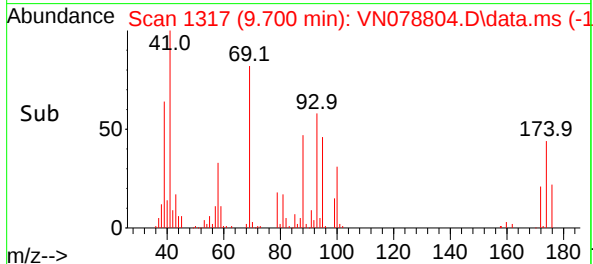
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



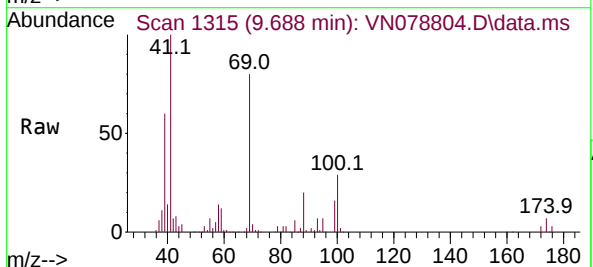
Tgt Ion: 88 Resp: 61440
Ion Ratio Lower Upper
88 100
43 26.7 19.0 28.6
58 69.2 48.2 72.2

Manual Integrations
APPROVED

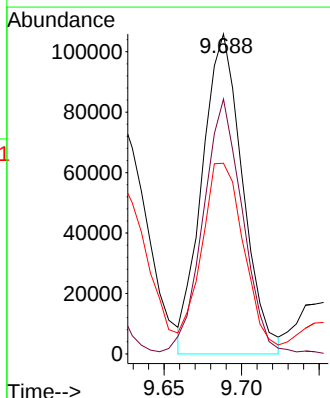
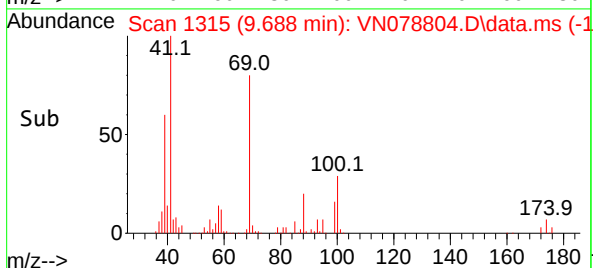
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

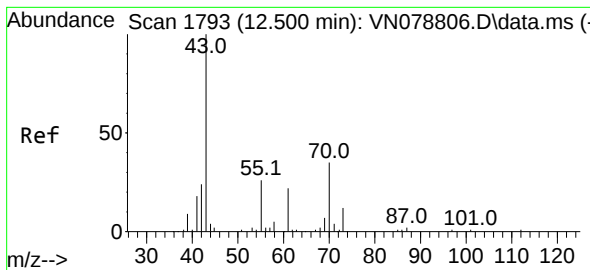


#46
Methyl methacrylate
Concen: 94.869 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51



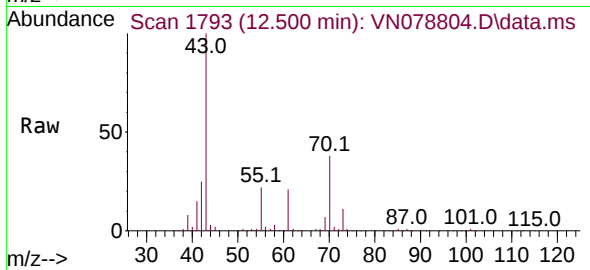
Tgt Ion: 41 Resp: 191914
Ion Ratio Lower Upper
41 100
69 82.1 49.0 147.0
39 59.9 31.6 94.8





#47
n-amy1 Acetate
Concen: 102.216 ug/l
RT: 12.500 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

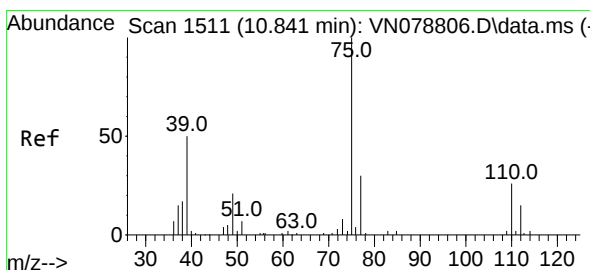
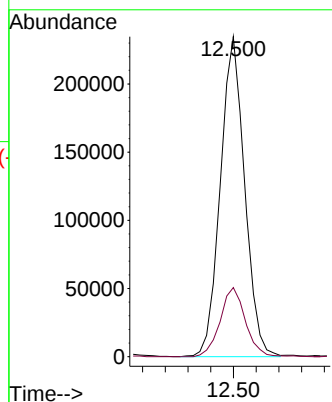
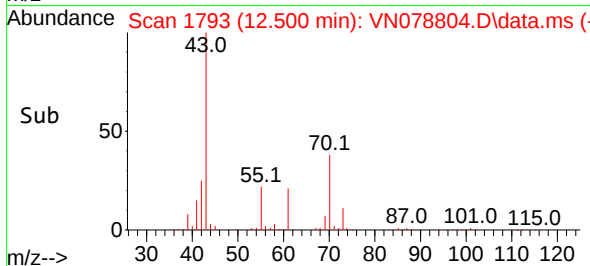
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 43 Resp: 348352
Ion Ratio Lower Upper
43 100
55 22.4 21.5 32.3

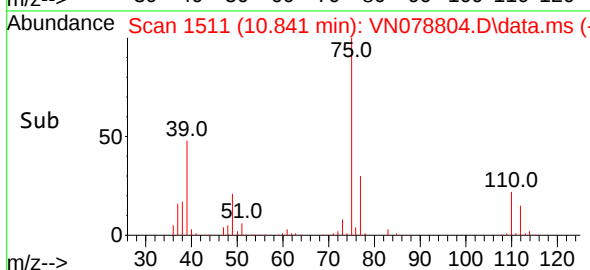
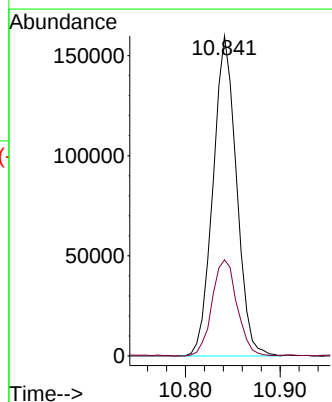
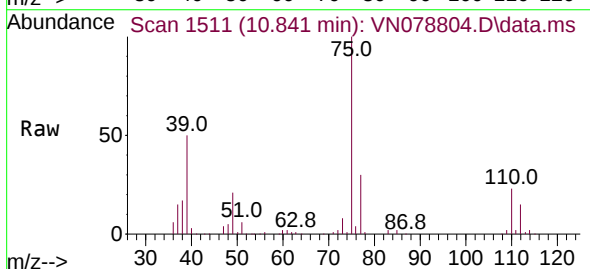
Manual Integrations
APPROVED

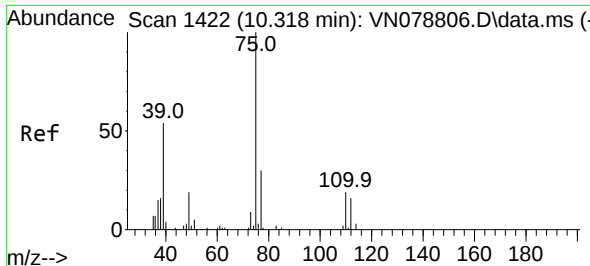
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#48
t-1,3-Dichloropropene
Concen: 80.156 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

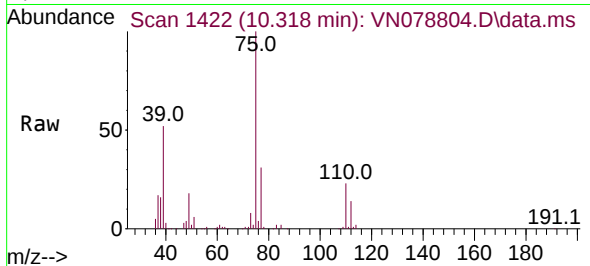
Tgt Ion: 75 Resp: 275151
Ion Ratio Lower Upper
75 100
77 30.0 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 80.264 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078804.D
 Acq: 08 Aug 2023 17:51

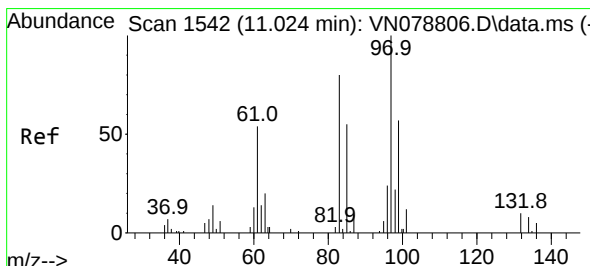
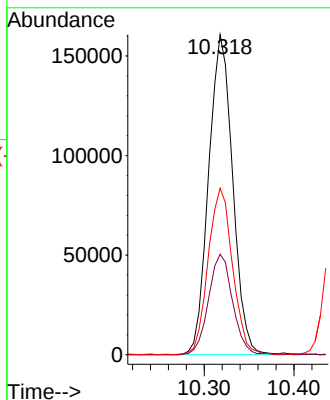
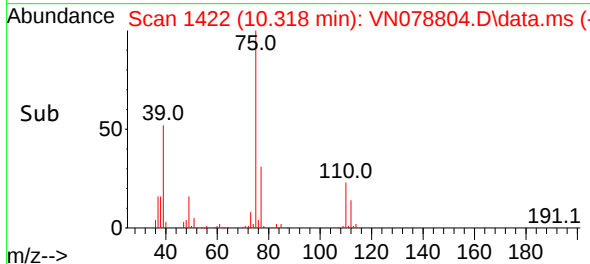
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



Tgt Ion: 75 Resp: 298748
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.0 36.0
 39 51.9 35.1 52.7

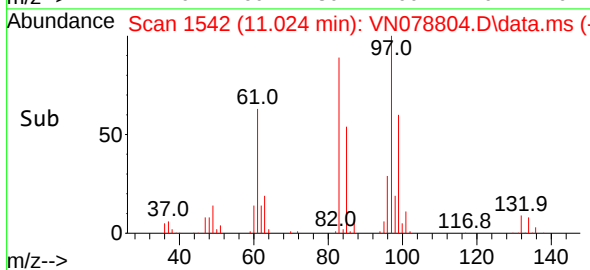
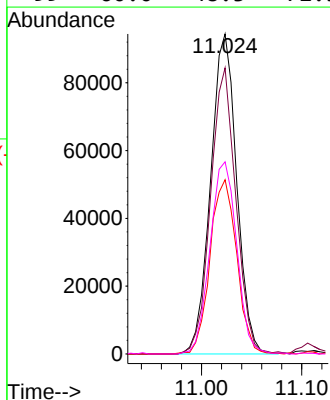
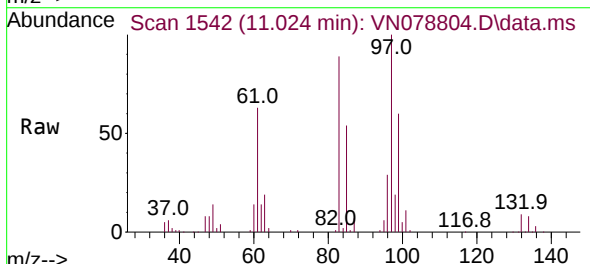
Manual Integrations
 APPROVED

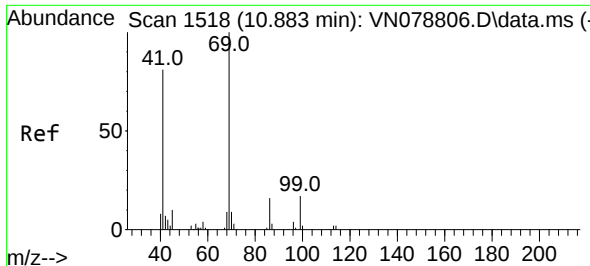
Reviewed By :John Carbone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023



#50
 1,1,2-Trichloroethane
 Concen: 75.217 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. -0.000 min
 Lab File: VN078804.D
 Acq: 08 Aug 2023 17:51

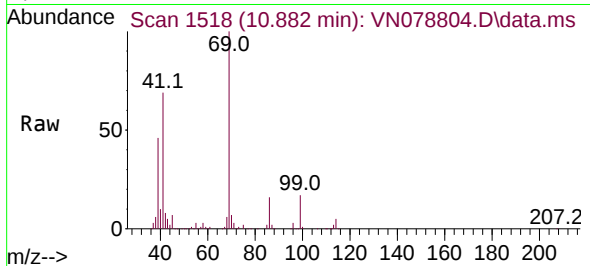
Tgt Ion: 97 Resp: 170542
 Ion Ratio Lower Upper
 97 100
 83 89.4 66.8 100.2
 85 54.2 42.5 63.7
 99 60.0 48.3 72.5





#51
Ethyl methacrylate
Concen: 85.262 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

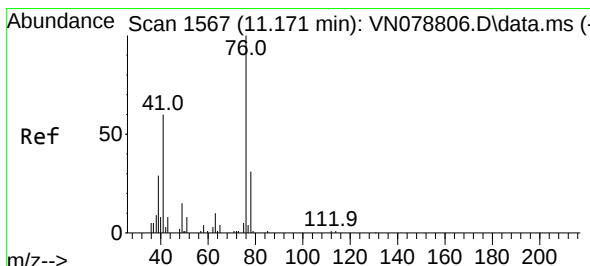
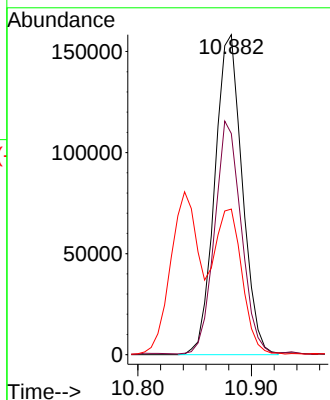
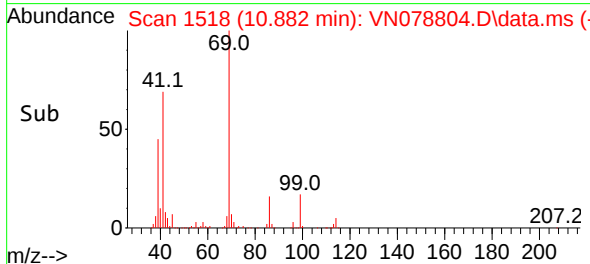
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 69 Resp: 266060
Ion Ratio Lower Upper
69 100
41 68.8 26.0 78.0
39 45.0 16.3 48.9

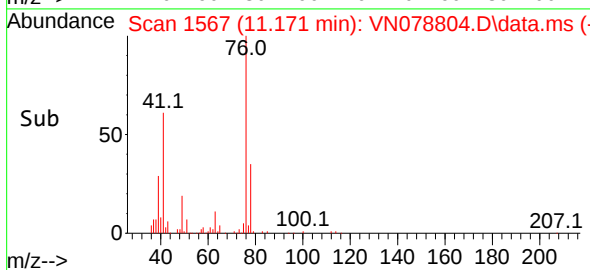
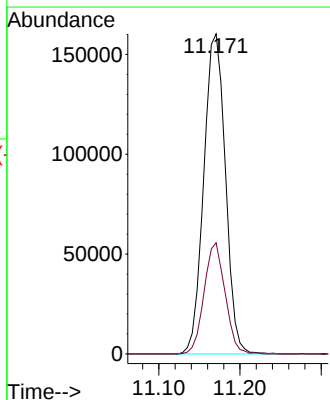
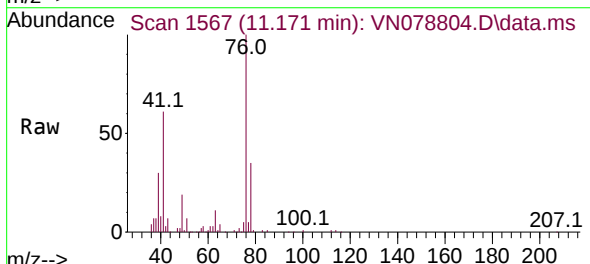
Manual Integrations
APPROVED

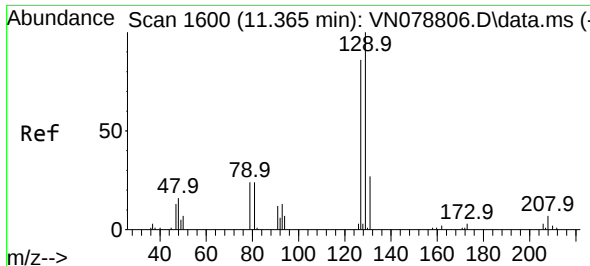
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#52
1,3-Dichloropropane
Concen: 72.120 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

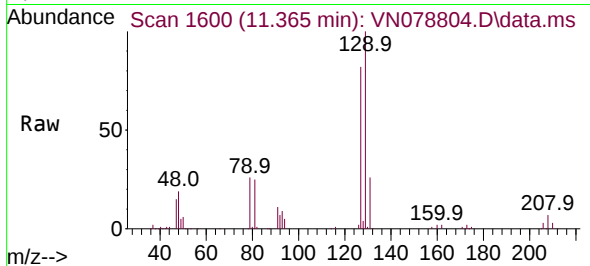
Tgt Ion: 76 Resp: 297302
Ion Ratio Lower Upper
76 100
78 33.5 0.0 66.2





#53
Dibromochloromethane
Concen: 74.835 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

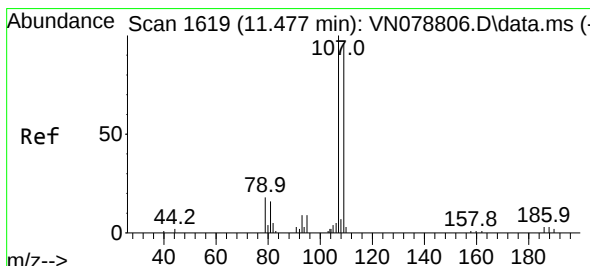
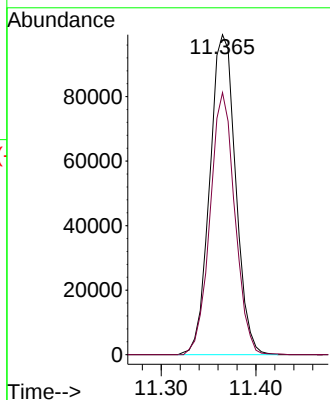
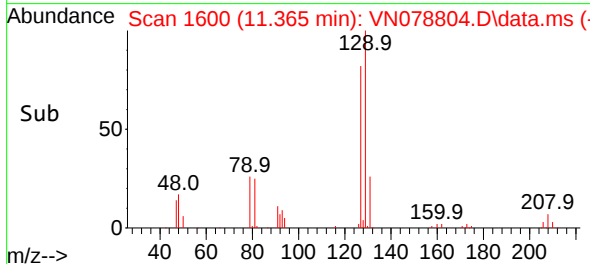
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



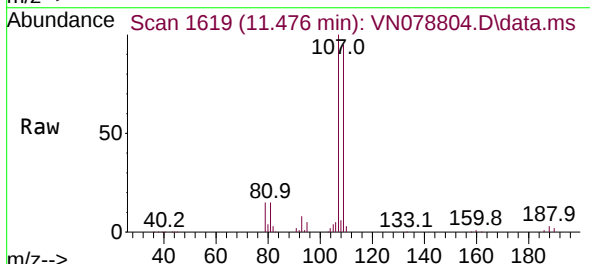
Tgt Ion:129 Resp: 18822
Ion Ratio Lower Upper
129 100
127 78.4 39.4 118.1

Manual Integrations
APPROVED

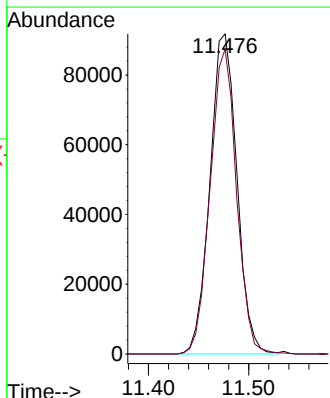
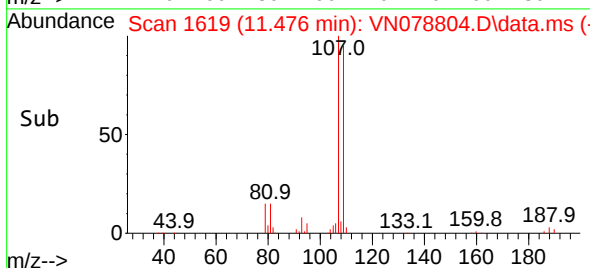
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

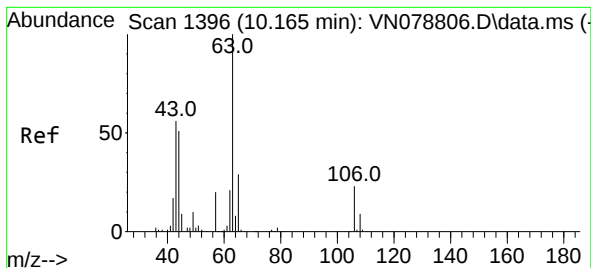


#54
1,2-Dibromoethane
Concen: 75.839 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51



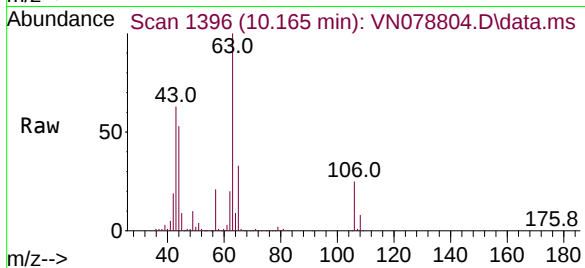
Tgt Ion:107 Resp: 171464
Ion Ratio Lower Upper
107 100
109 93.0 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 483.936 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

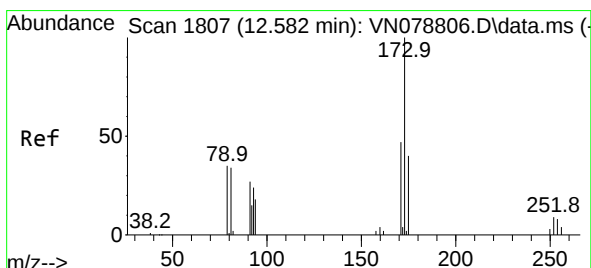
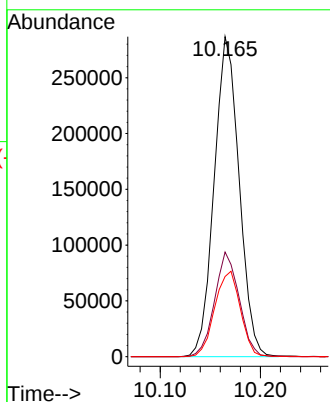
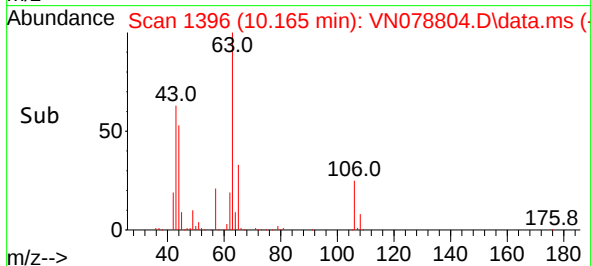
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 63 Resp: 495815
Ion Ratio Lower Upper
63 100
65 32.2 26.3 39.5
106 27.4 23.8 35.6

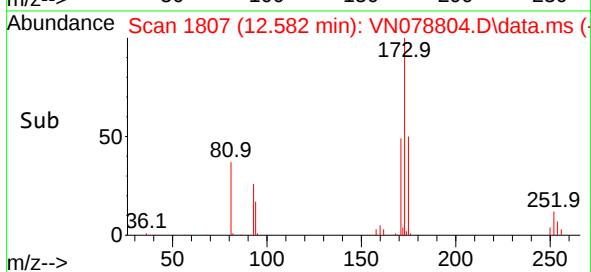
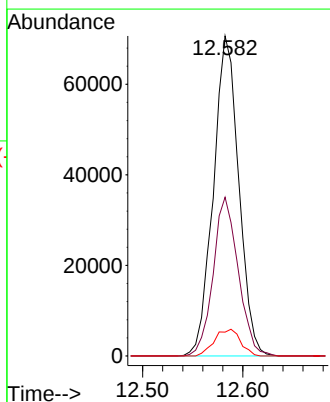
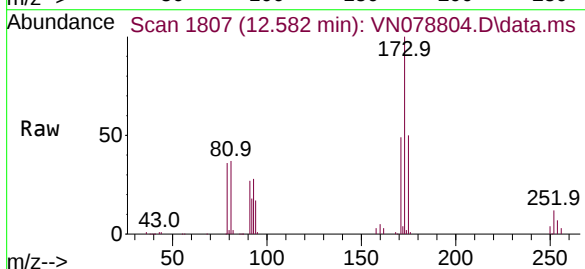
Manual Integrations
APPROVED

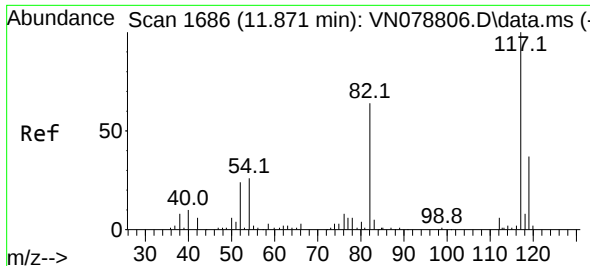
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#56
Bromoform
Concen: 74.202 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

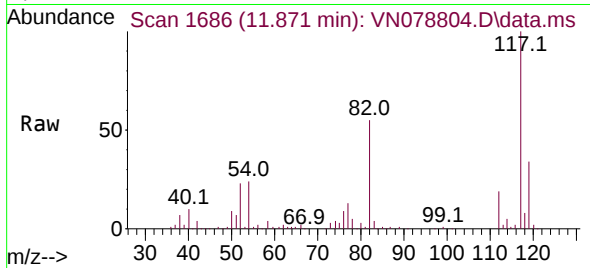
Tgt Ion:173 Resp: 124041
Ion Ratio Lower Upper
173 100
175 49.0 40.7 61.1
254 8.6 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

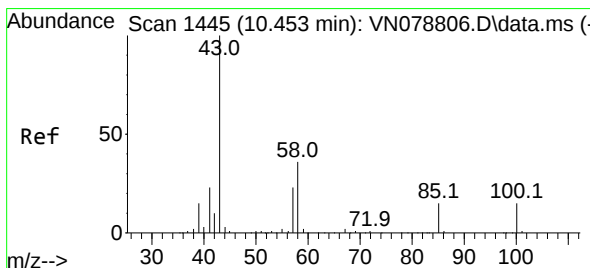
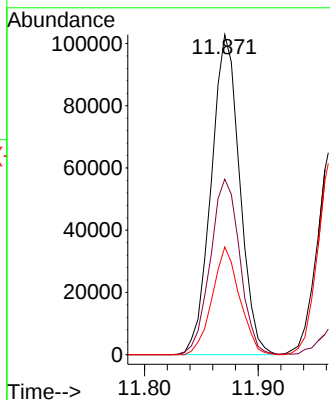
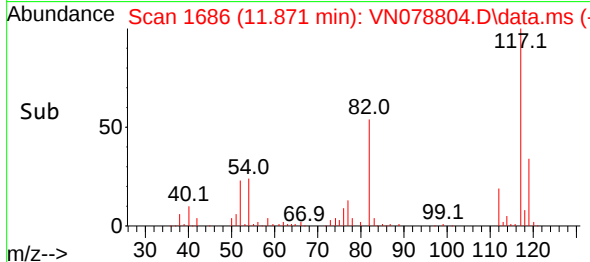
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



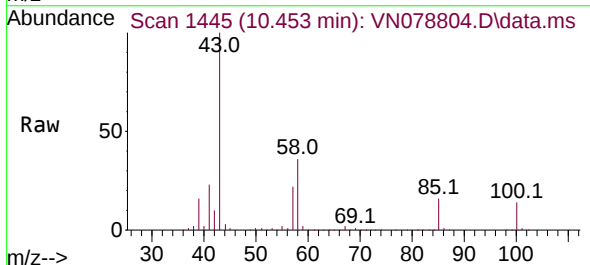
Tgt Ion:117 Resp: 17935
Ion Ratio Lower Upper
117 100
82 57.0 43.9 65.9
119 32.4 26.2 39.4

Manual Integrations
APPROVED

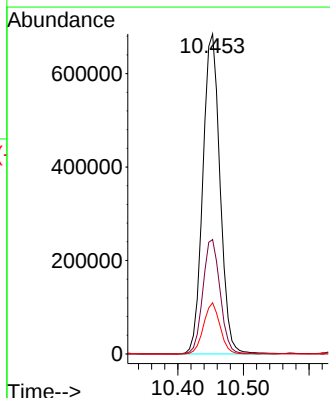
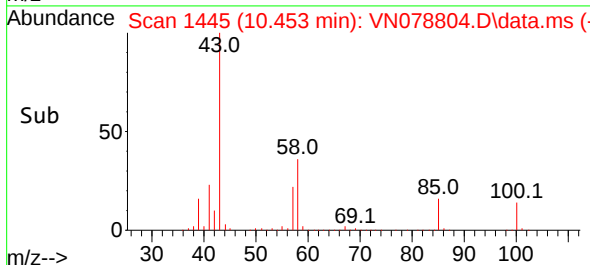
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

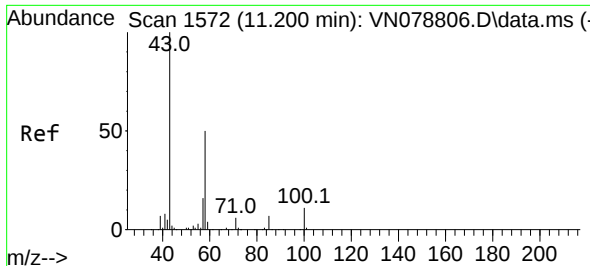


#58
4-Methyl-2-Pentanone
Concen: 430.437 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51



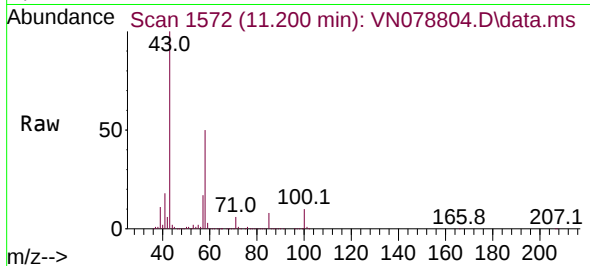
Tgt Ion: 43 Resp: 1252355
Ion Ratio Lower Upper
43 100
58 36.0 32.6 48.8
85 15.3 16.2 24.2#





#59
2-Hexanone
Concen: 421.059 ug/l
RT: 11.200 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

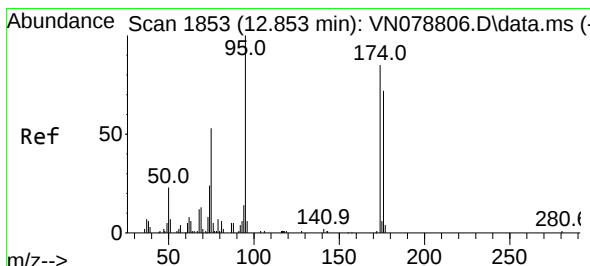
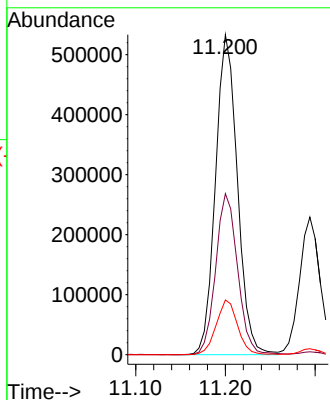
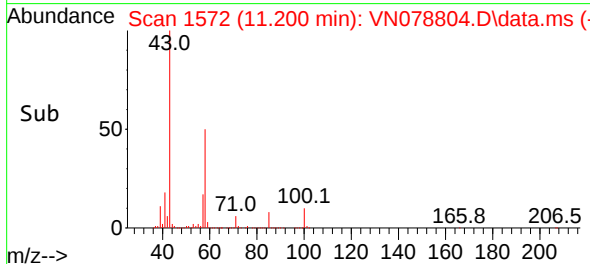
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 43 Resp: 905520
Ion Ratio Lower Upper
43 100
58 50.2 45.9 68.9
57 16.7 15.8 23.6

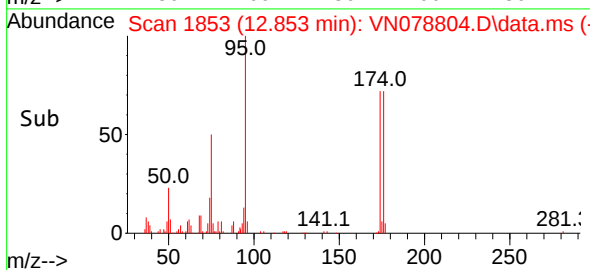
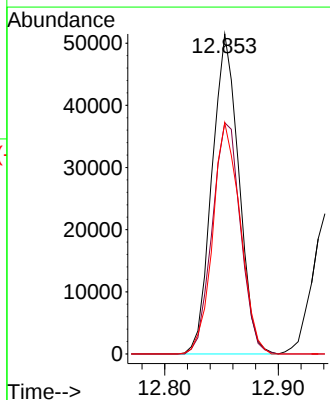
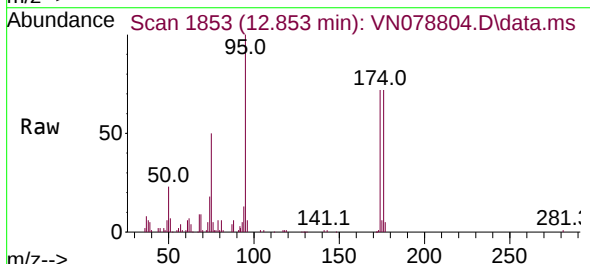
Manual Integrations
APPROVED

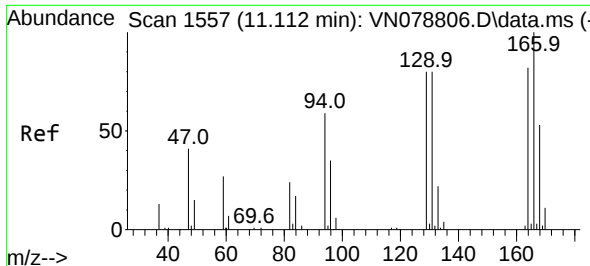
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#60
4-Bromofluorobenzene
Concen: 31.048 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

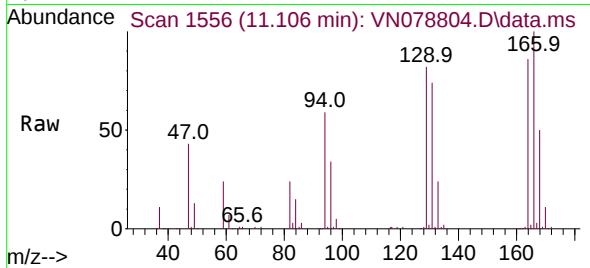
Tgt Ion: 95 Resp: 84375
Ion Ratio Lower Upper
95 100
174 76.3 61.7 92.5
176 74.0 58.1 87.1





#61
Tetrachloroethene
Concen: 61.848 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

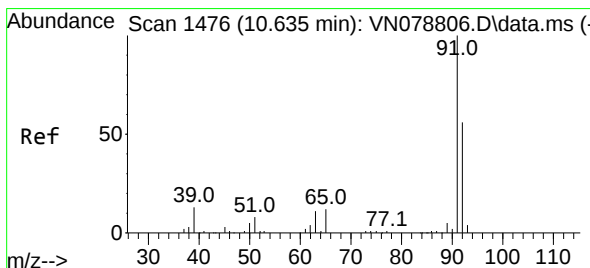
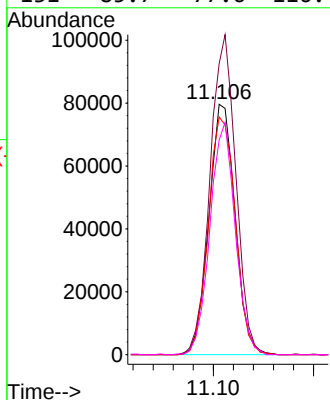
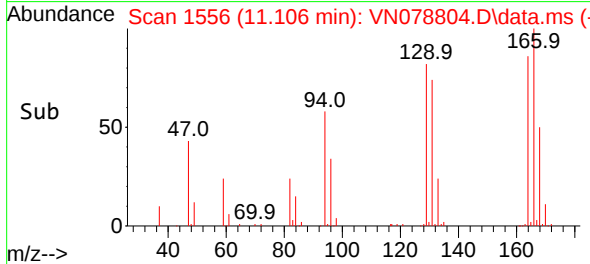
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion:164 Resp: 14495
Ion Ratio Lower Upper
164 100
166 116.2 99.1 148.7
129 95.0 85.6 128.4
131 85.7 77.6 116.4

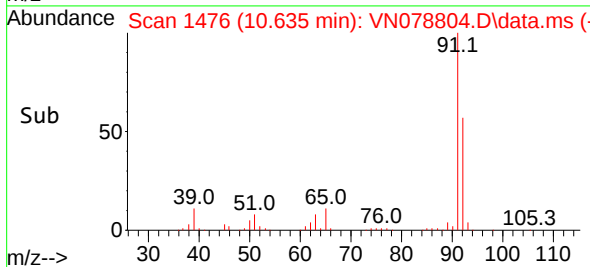
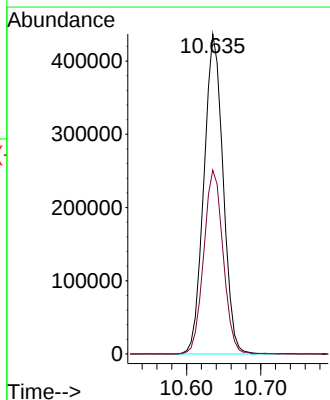
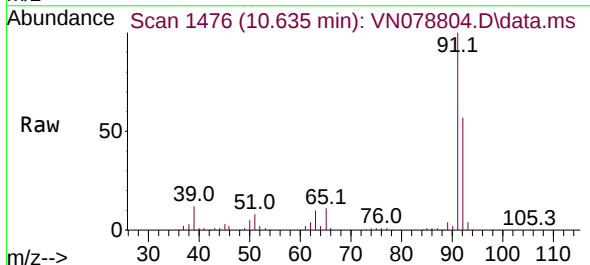
Manual Integrations
APPROVED

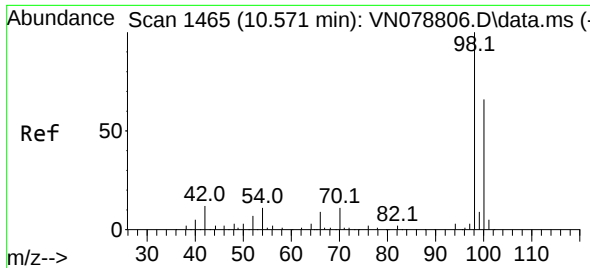
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#62
Toluene
Concen: 71.508 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Tgt Ion: 91 Resp: 784408
Ion Ratio Lower Upper
91 100
92 58.0 45.2 67.8





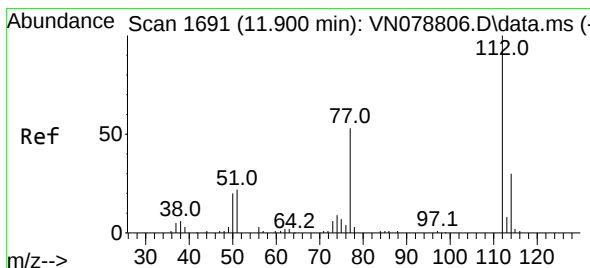
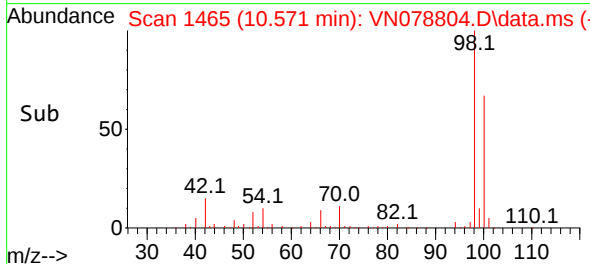
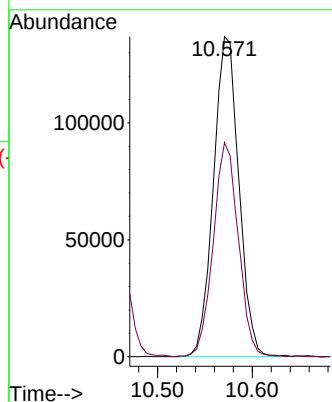
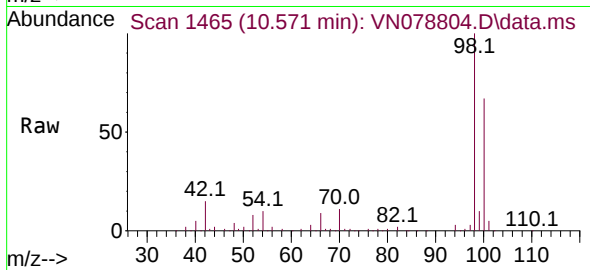
#63
Toluene-d8
Concen: 28.383 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 98 Resp: 25486
Ion Ratio Lower Upper
98 100
100 66.1 49.7 74.5

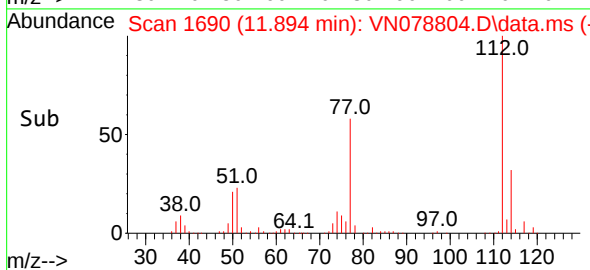
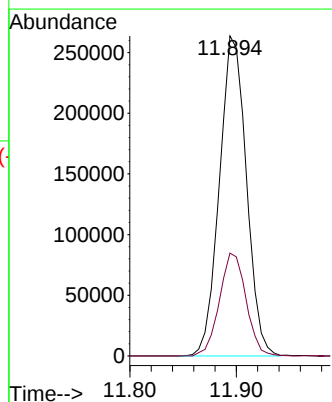
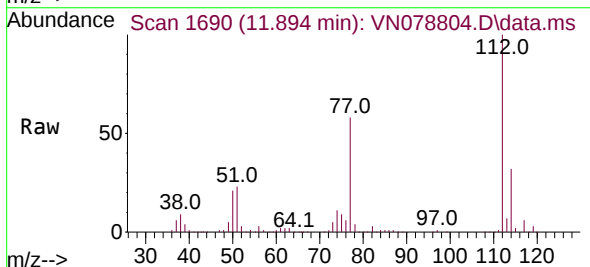
Manual Integrations
APPROVED

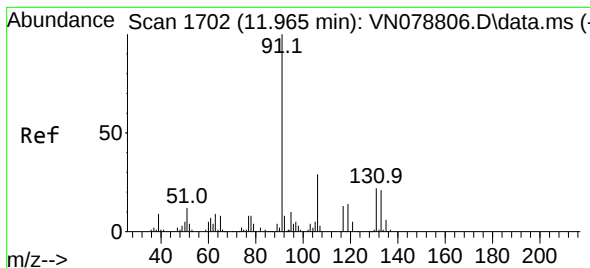
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#64
Chlorobenzene
Concen: 72.717 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

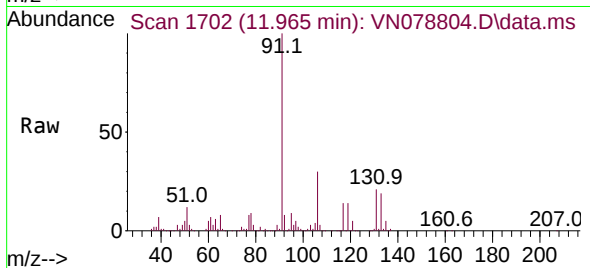
Tgt Ion:112 Resp: 463288
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 69.862 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

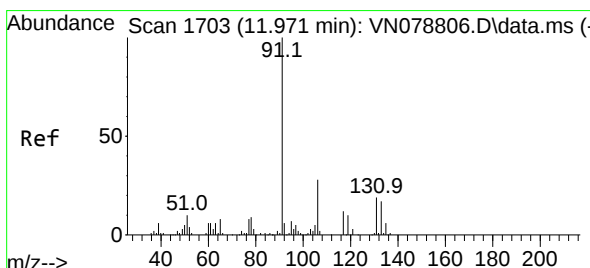
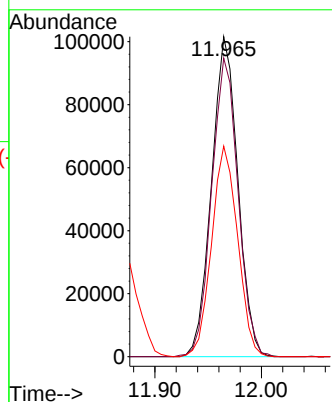
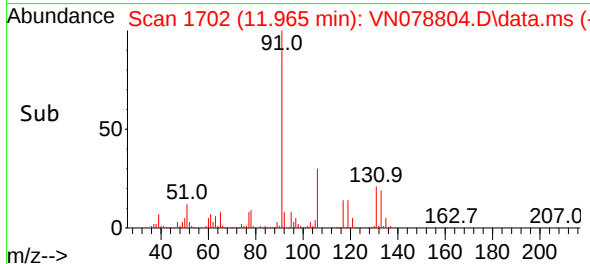
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion:131 Resp: 174272
Ion Ratio Lower Upper
131 100
133 93.7 0.0 191.8
119 65.1 0.0 132.0

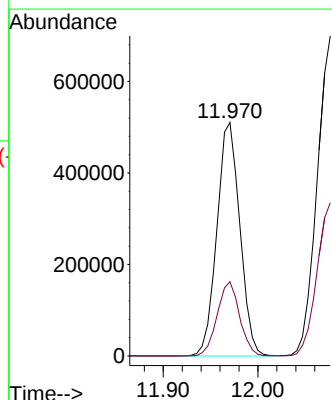
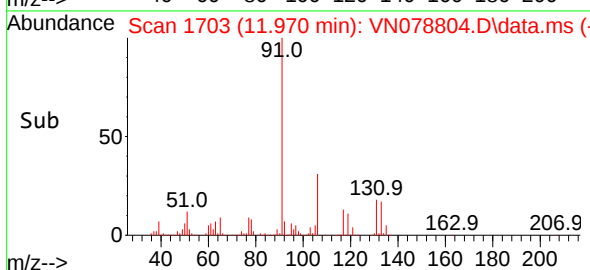
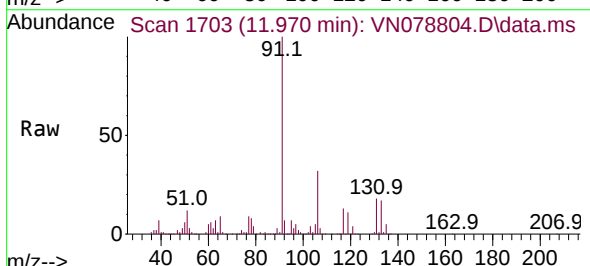
Manual Integrations
APPROVED

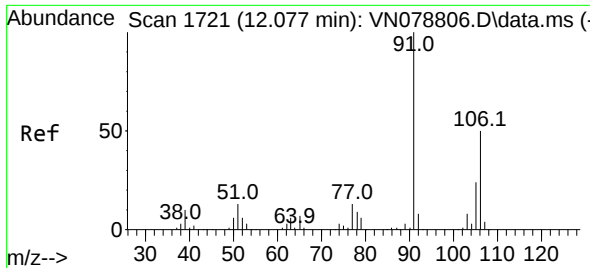
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#66
Ethyl Benzene
Concen: 77.351 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Tgt Ion: 91 Resp: 860061
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4





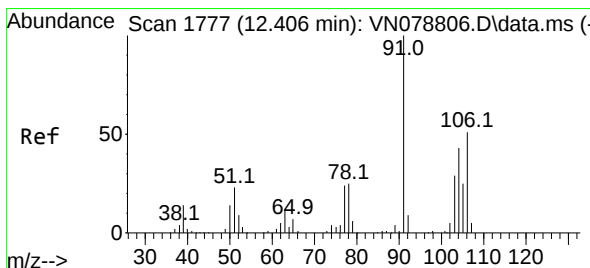
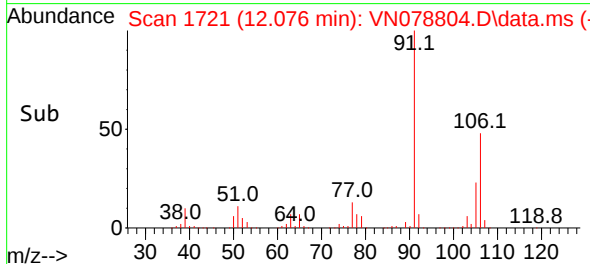
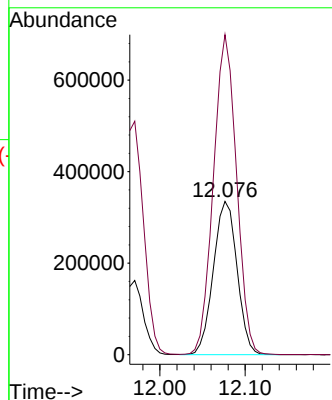
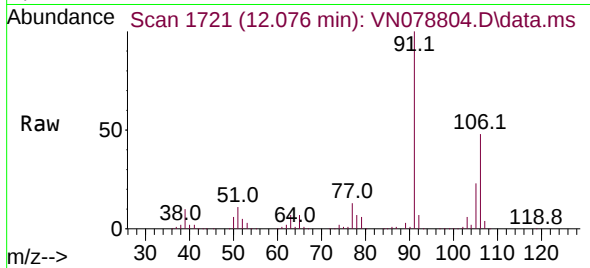
#67
m/p-Xylenes
Concen: 154.250 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:106 Resp: 647898
Ion Ratio Lower Upper
106 100
91 203.6 162.5 243.7

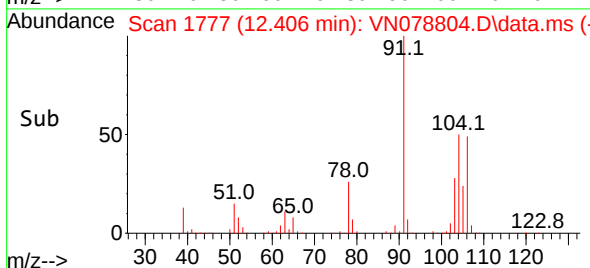
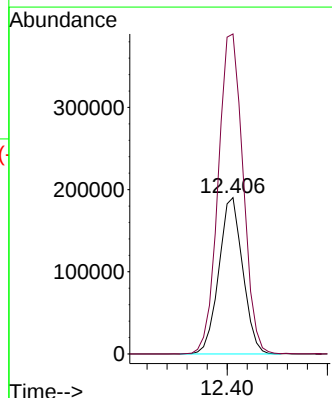
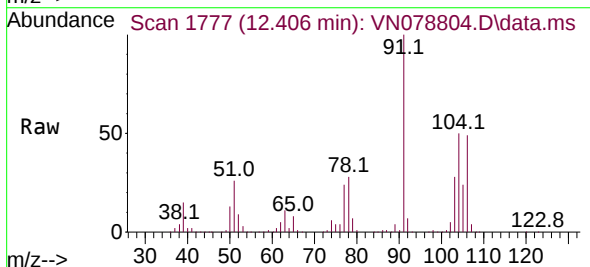
Manual Integrations
APPROVED

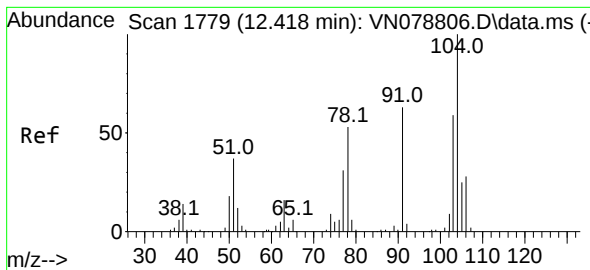
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#68
o-Xylene
Concen: 73.070 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Tgt Ion:106 Resp: 314302
Ion Ratio Lower Upper
106 100
91 213.1 106.1 318.3





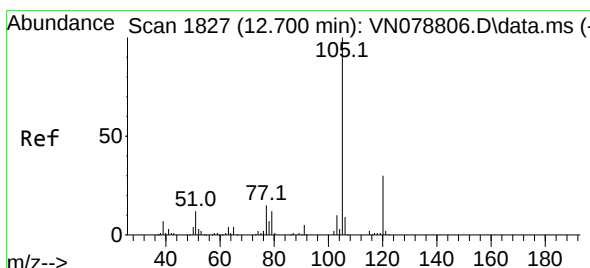
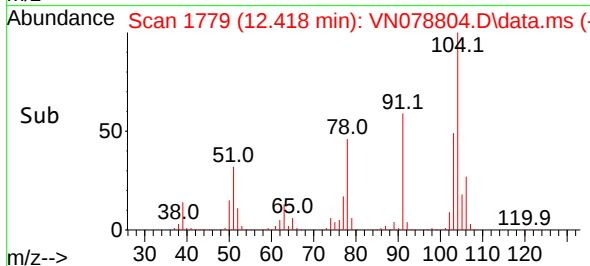
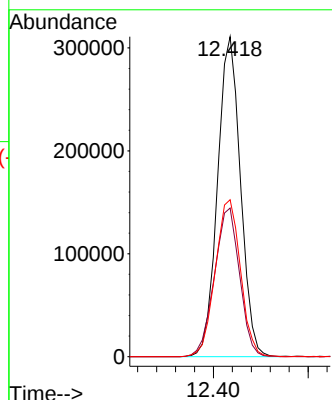
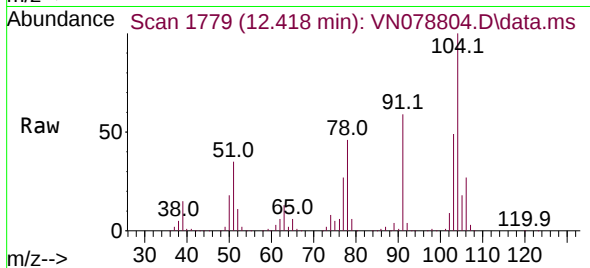
#69
Styrene
Concen: 76.035 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:104 Resp: 52316
Ion Ratio Lower Upper
104 100
78 50.9 40.1 60.1
103 53.9 45.1 67.7

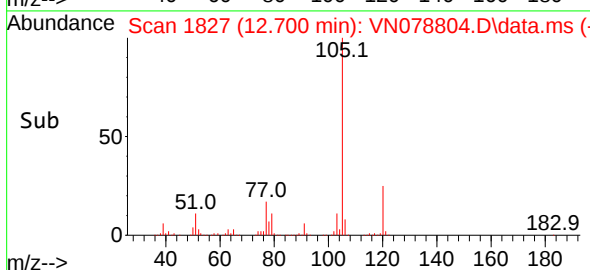
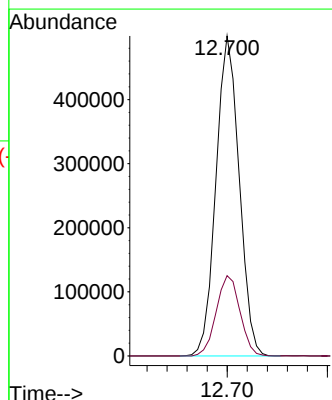
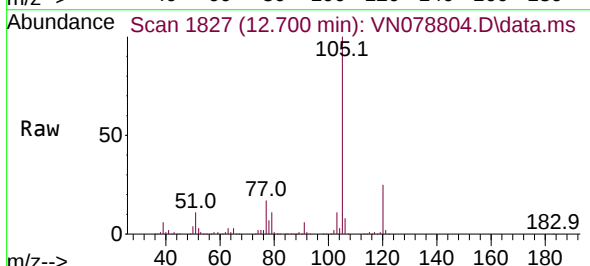
Manual Integrations
APPROVED

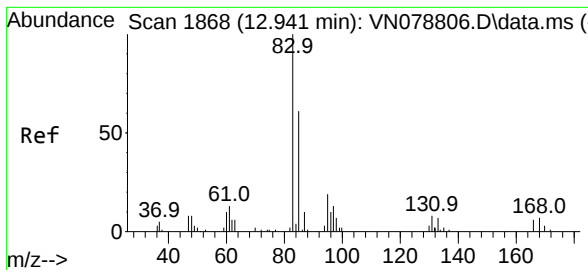
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#70
Isopropylbenzene
Concen: 75.752 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Tgt Ion:105 Resp: 801430
Ion Ratio Lower Upper
105 100
120 25.6 18.3 34.1





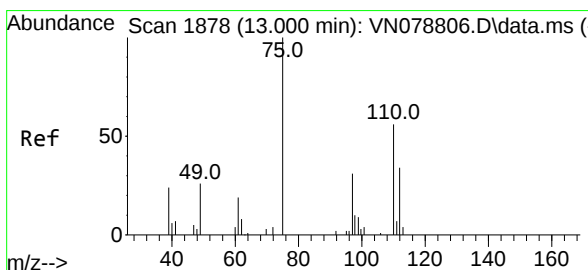
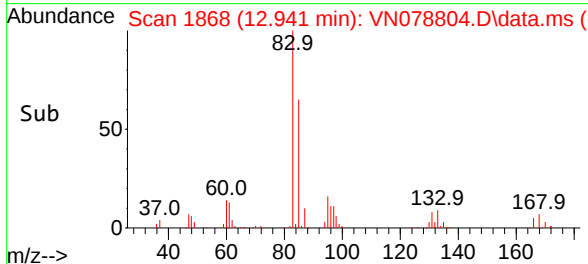
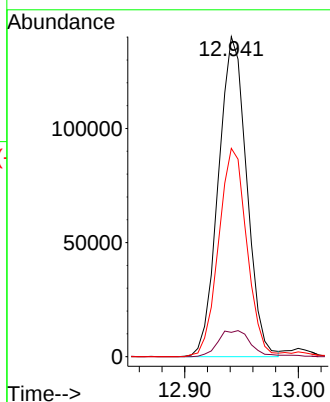
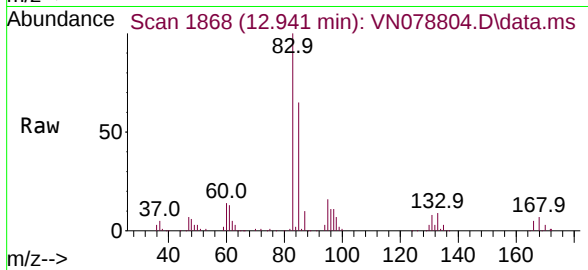
#71
1,1,2,2-Tetrachloroethane
Concen: 69.782 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 83 Resp: 24282
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 64.8 32.6 98.0

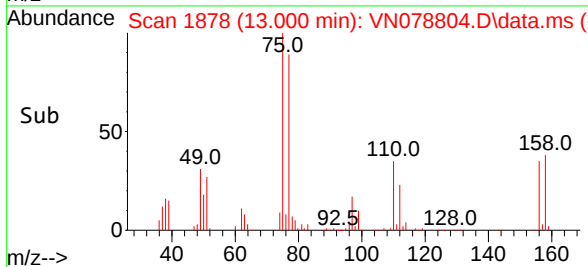
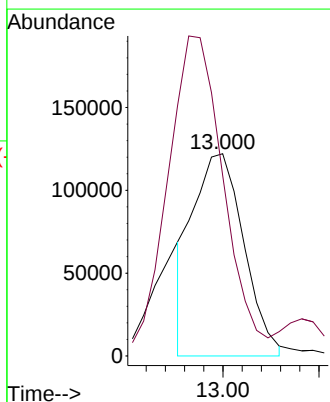
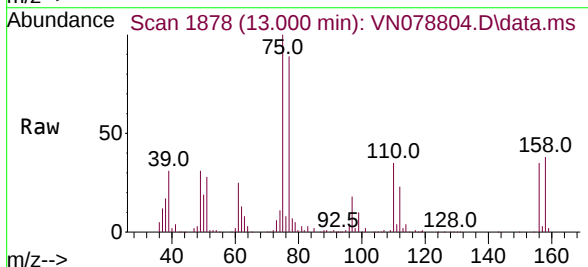
Manual Integrations
APPROVED

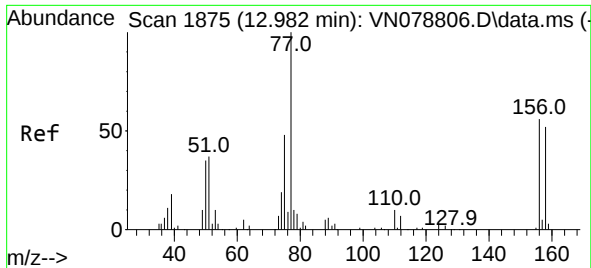
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#72
1,2,3-Trichloropropane
Concen: 79.544 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

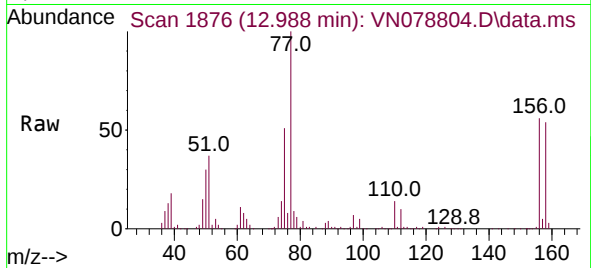
Tgt Ion: 75 Resp: 225350
Ion Ratio Lower Upper
75 100
77 173.7 0.0 387.4





#73
Bromobenzene
Concen: 71.295 ug/l
RT: 12.988 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

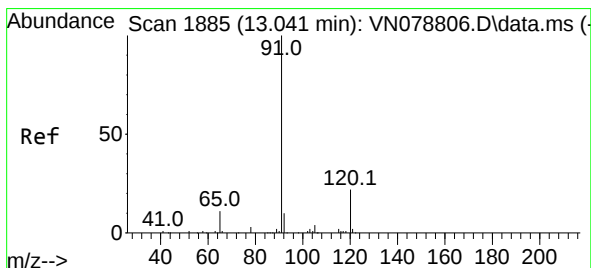
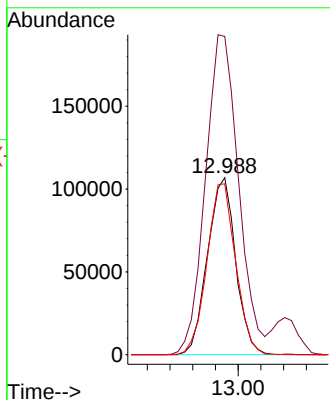
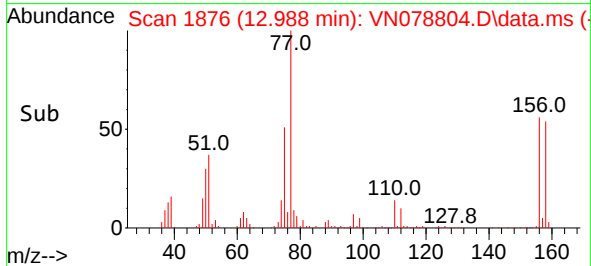
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion:156 Resp: 183674
Ion Ratio Lower Upper
156 100
77 213.2 0.0 420.8
158 98.7 0.0 193.2

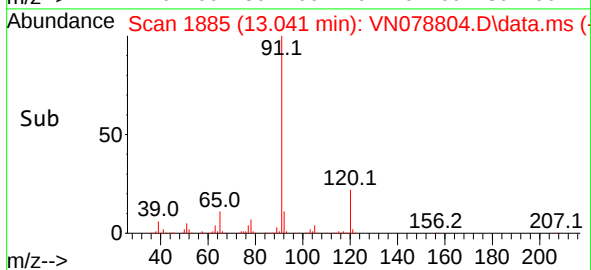
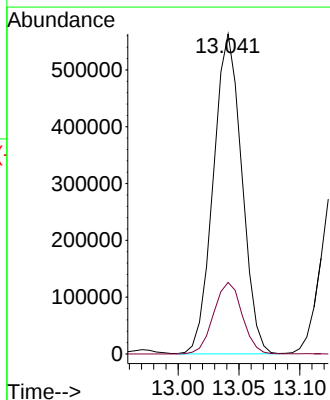
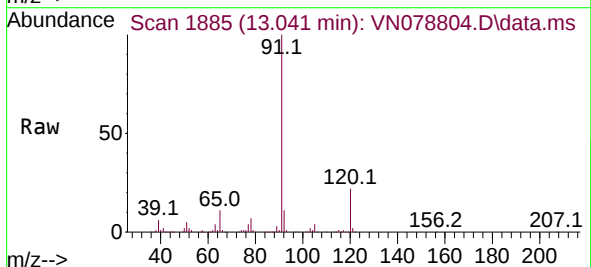
Manual Integrations
APPROVED

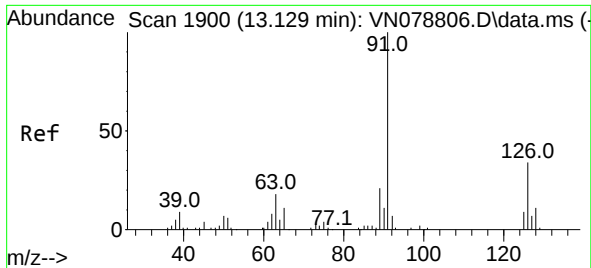
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#74
n-propylbenzene
Concen: 77.582 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Tgt Ion: 91 Resp: 917704
Ion Ratio Lower Upper
91 100
120 22.3 0.0 44.6





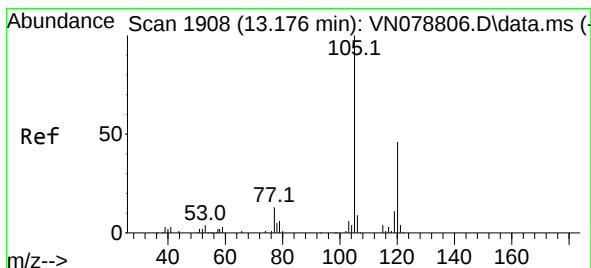
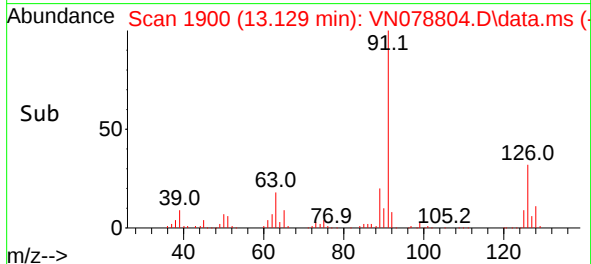
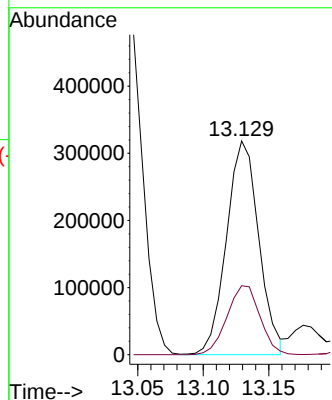
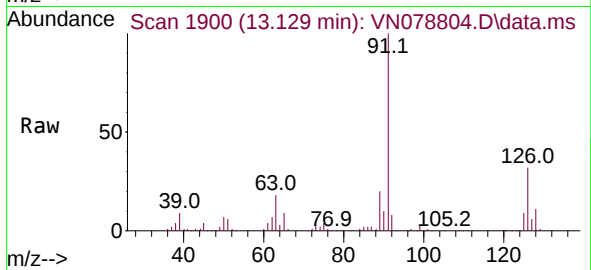
#75
2-Chlorotoluene
Concen: 67.194 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 91 Resp: 546317
Ion Ratio Lower Upper
91 100
126 32.9 0.0 67.2

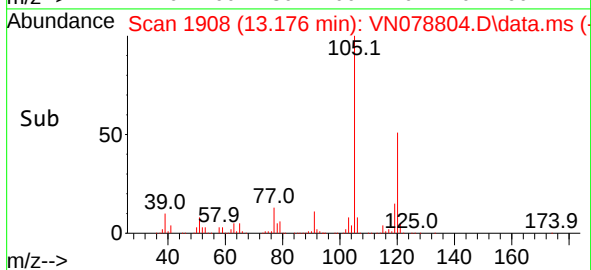
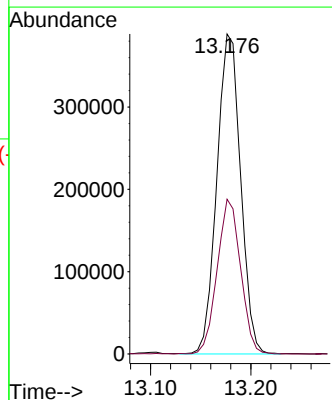
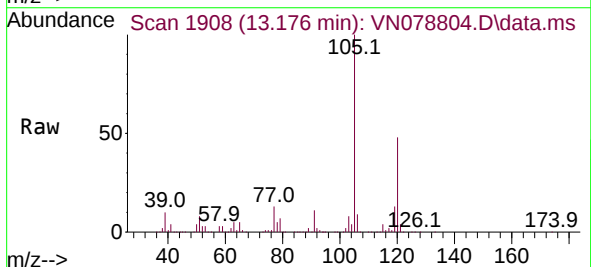
Manual Integrations
APPROVED

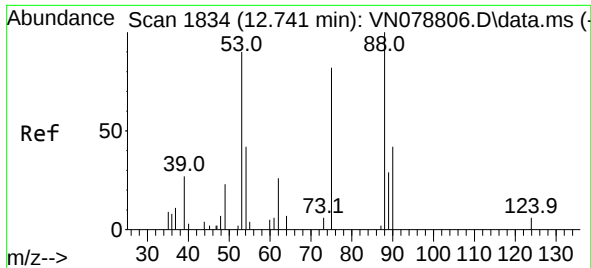
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 67.593 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

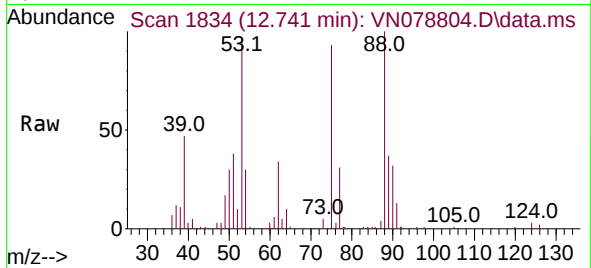
Tgt Ion:105 Resp: 639107
Ion Ratio Lower Upper
105 100
120 47.6 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 75.566 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

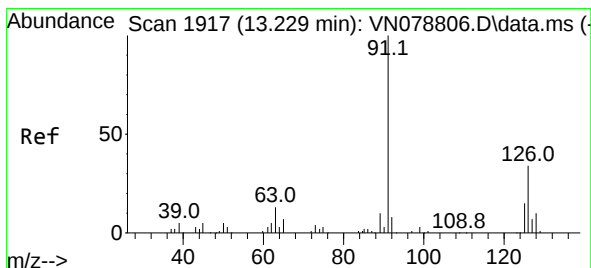
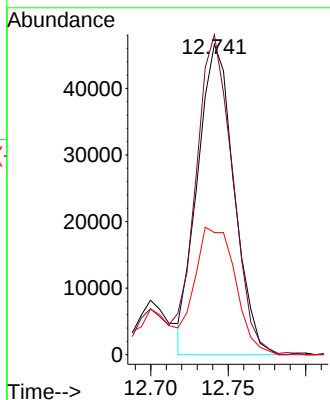
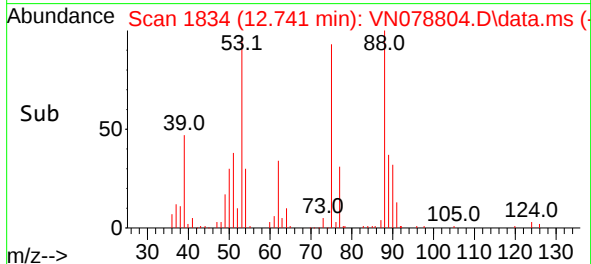
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



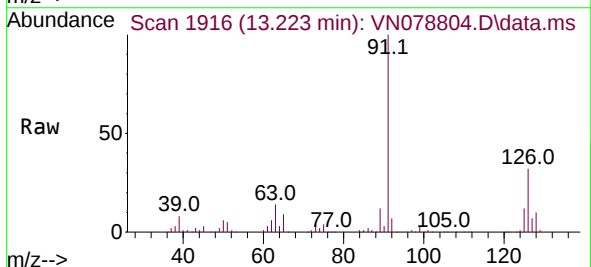
Tgt Ion: 75 Resp: 76419
Ion Ratio Lower Upper
75 100
53 102.7 41.6 124.9
89 39.3 25.1 75.4

Manual Integrations
APPROVED

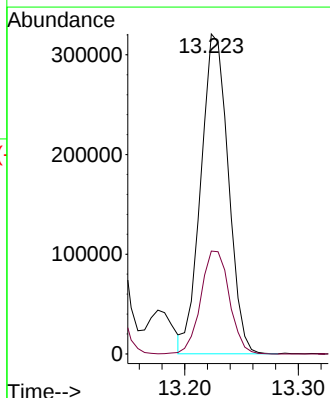
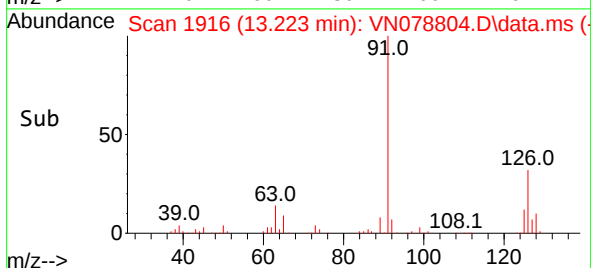
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

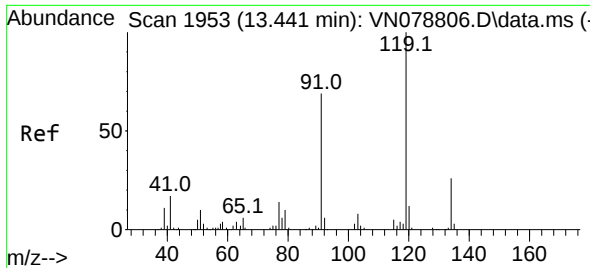


#78
4-Chlorotoluene
Concen: 69.523 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51



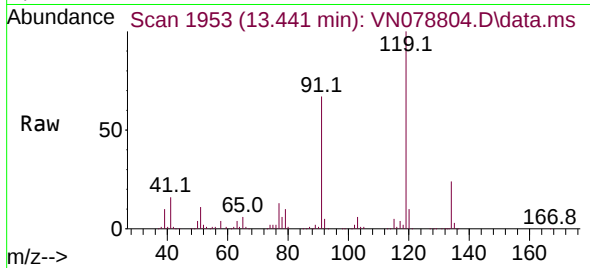
Tgt Ion: 91 Resp: 538799
Ion Ratio Lower Upper
91 100
126 33.5 0.0 68.8





#79
tert-butylbenzene
Concen: 66.348 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

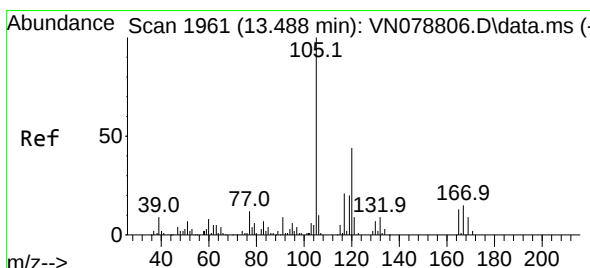
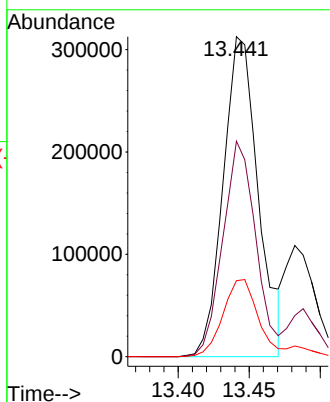
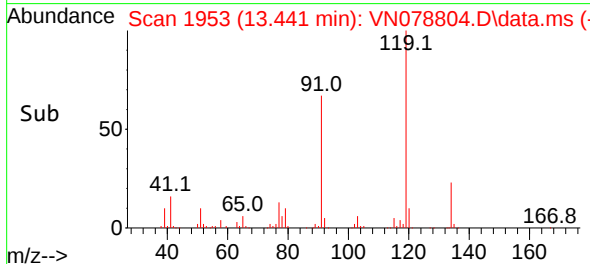
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



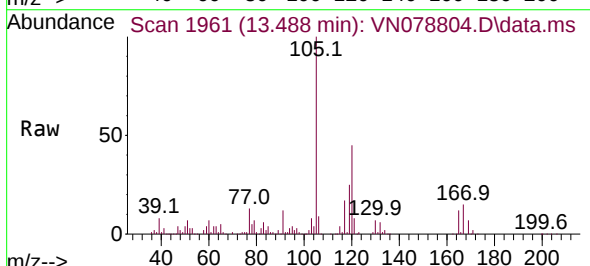
Tgt Ion:119 Resp: 53755
Ion Ratio Lower Upper
119 100
91 63.4 0.0 126.6
134 24.3 0.0 44.0

Manual Integrations
APPROVED

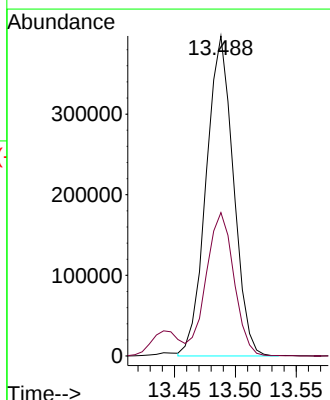
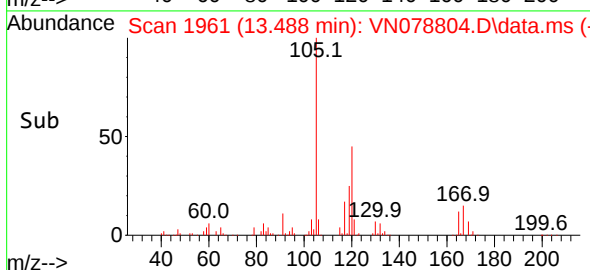
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

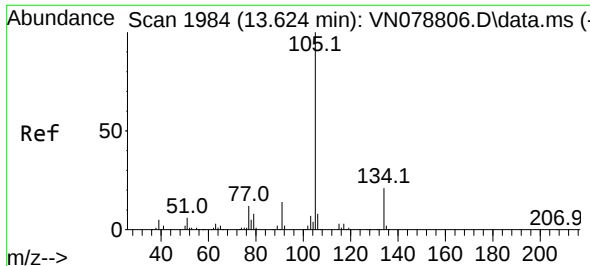


#80
1,2,4-Trimethylbenzene
Concen: 69.018 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51



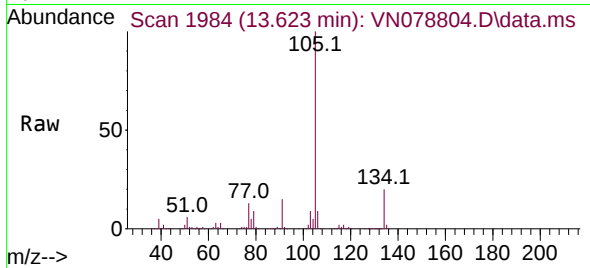
Tgt Ion:105 Resp: 619165
Ion Ratio Lower Upper
105 100
120 45.6 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 67.748 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078804.D
 Acq: 08 Aug 2023 17:51

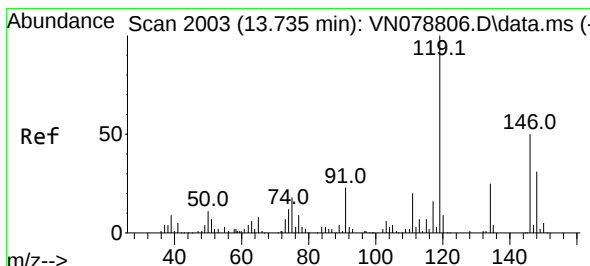
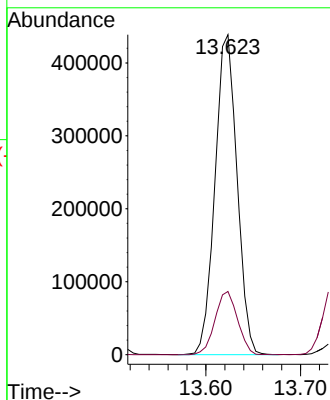
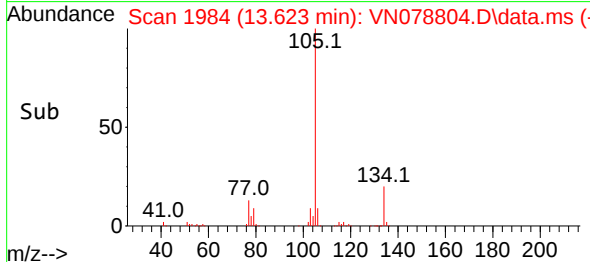
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



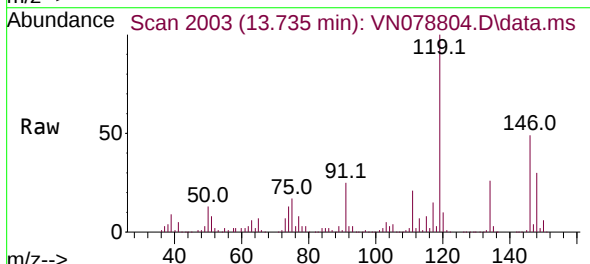
Tgt Ion:105 Resp: 710310
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 38.6

Manual Integrations
 APPROVED

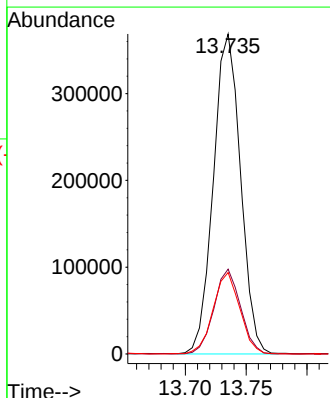
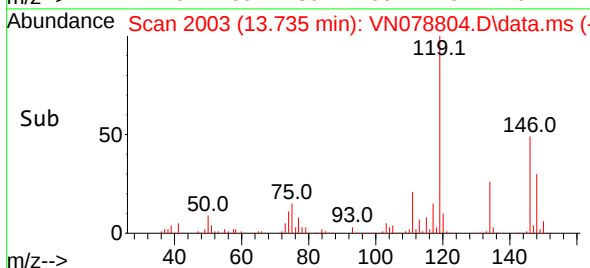
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023

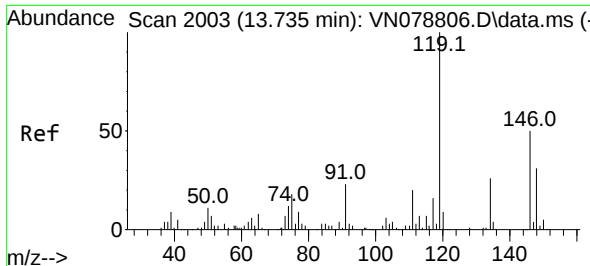


#82
 p-Isopropyltoluene
 Concen: 67.787 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078804.D
 Acq: 08 Aug 2023 17:51



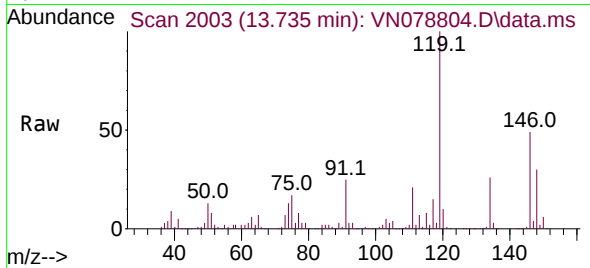
Tgt Ion:119 Resp: 573126
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.4
 91 25.0 0.0 48.2





#83
 1,3-Dichlorobenzene
 Concen: 70.011 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078804.D
 Acq: 08 Aug 2023 17:51

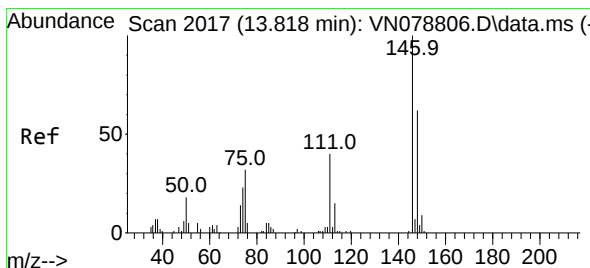
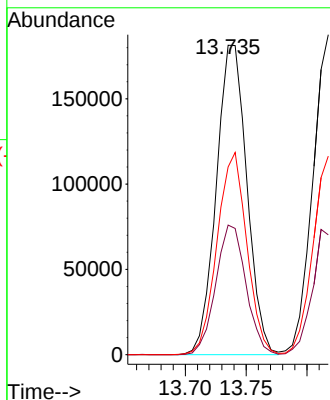
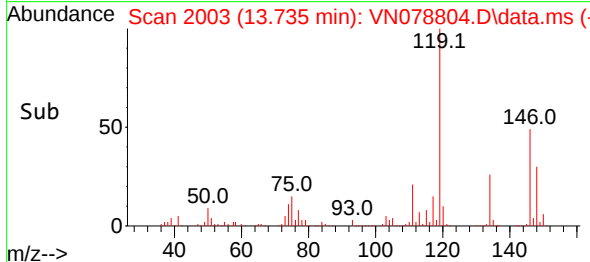
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



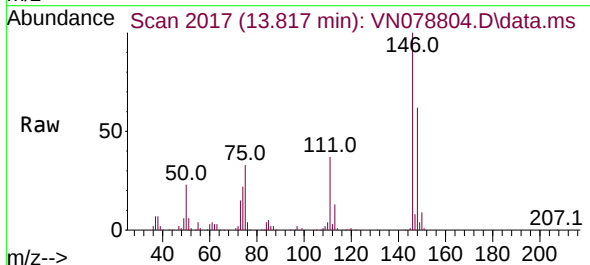
Tgt Ion:146 Resp: 317964
 Ion Ratio Lower Upper
 146 100
 111 41.2 21.6 64.6
 148 63.4 31.9 95.5

Manual Integrations
 APPROVED

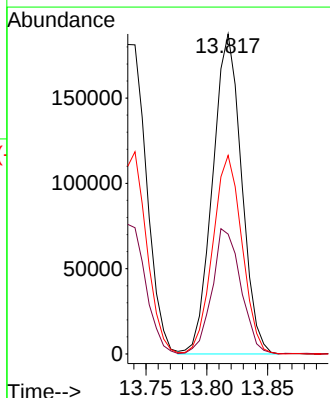
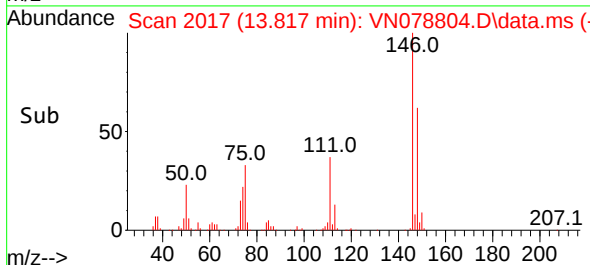
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023

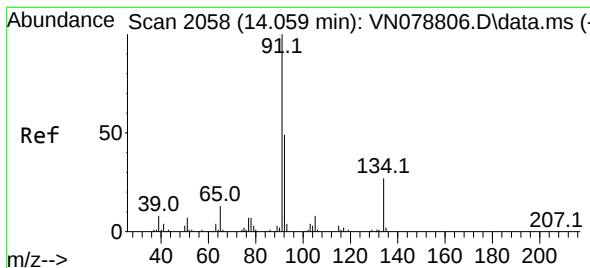


#84
 1,4-Dichlorobenzene
 Concen: 72.829 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN078804.D
 Acq: 08 Aug 2023 17:51



Tgt Ion:146 Resp: 310303
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.2
 148 62.8 31.4 94.3





#85

n-Butylbenzene

Concen: 74.621 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VN078804.D

Acq: 08 Aug 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

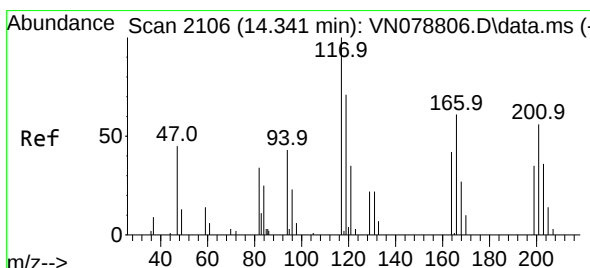
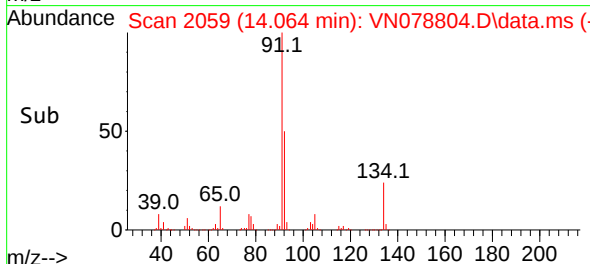
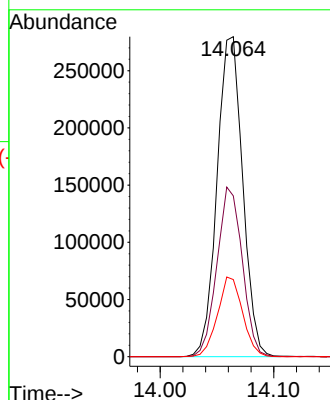
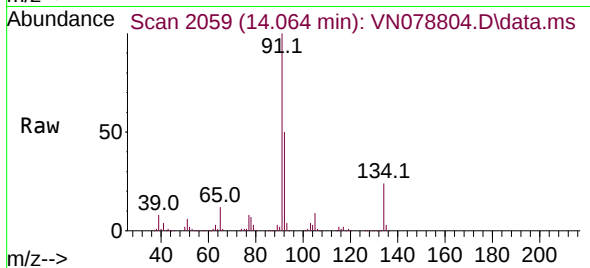
Tgt Ion:	91	Resp:	43935
Ion Ratio	Lower	Upper	
91	100		
92	52.3	0.0	99.6
134	24.4	0.0	50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#86

Hexachloroethane

Concen: 74.167 ug/l

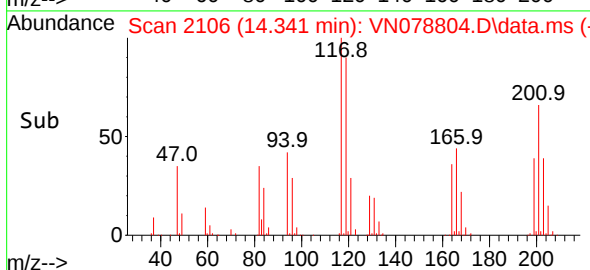
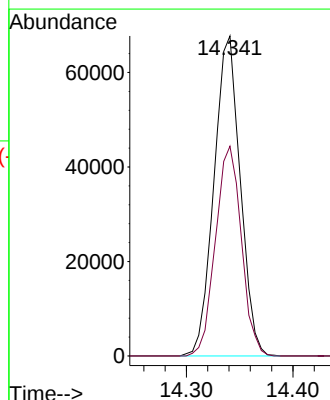
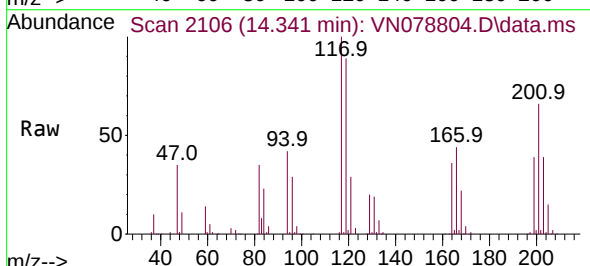
RT: 14.341 min Scan# 2106

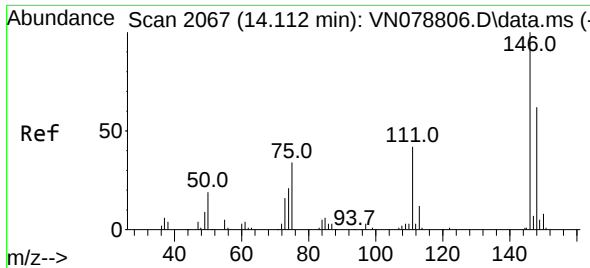
Delta R.T. -0.000 min

Lab File: VN078804.D

Acq: 08 Aug 2023 17:51

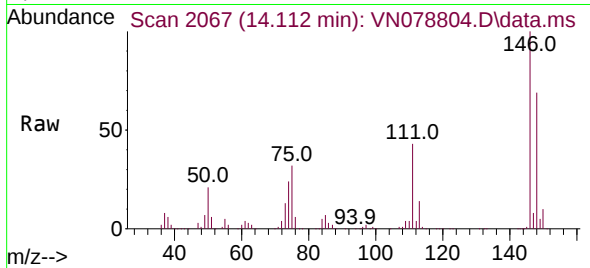
Tgt Ion:	117	Resp:	116047
Ion Ratio	Lower	Upper	
117	100		
201	64.4	34.2	102.6





#87
1,2-Dichlorobenzene
Concen: 69.657 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

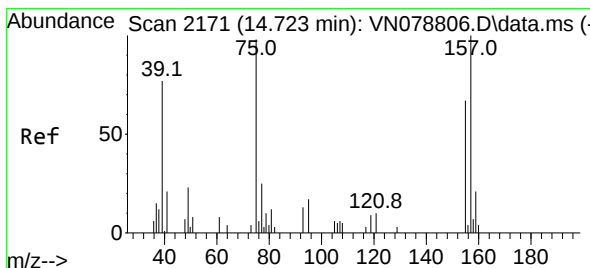
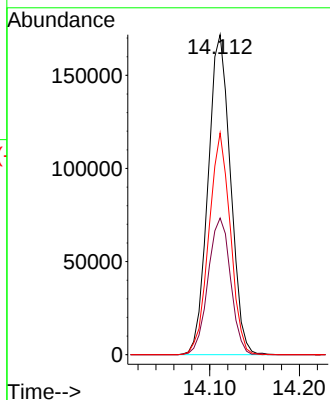
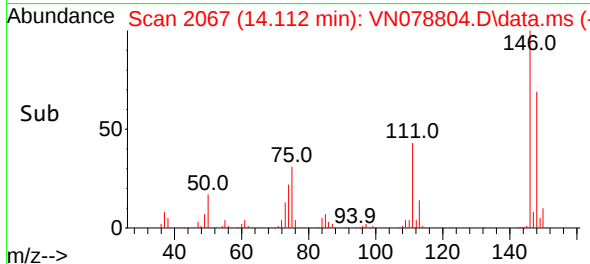
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



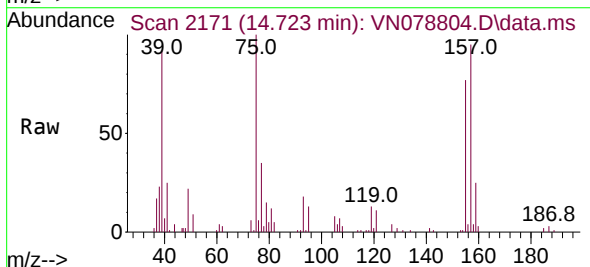
Tgt Ion:146 Resp: 297997
Ion Ratio Lower Upper
146 100
111 42.8 22.4 67.3
148 66.3 33.4 100.1

Manual Integrations
APPROVED

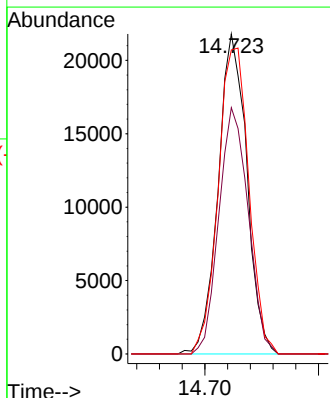
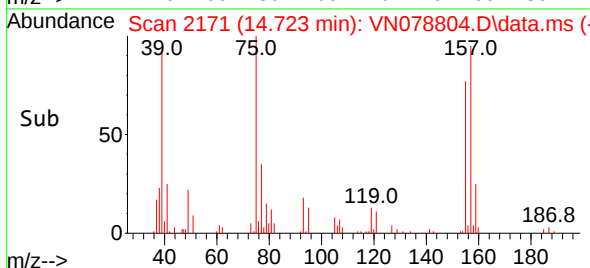
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

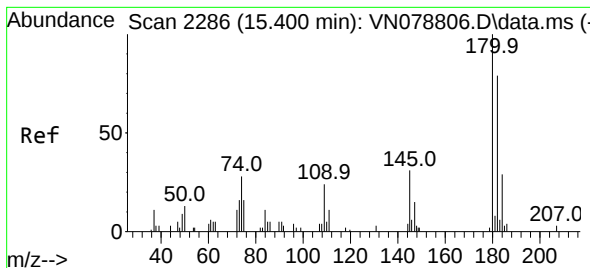


#88
1,2-Dibromo-3-Chloropropane
Concen: 66.055 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51



Tgt Ion: 75 Resp: 38116
Ion Ratio Lower Upper
75 100
155 79.0 68.2 102.2
157 102.7 84.7 127.1





#89

1,2,4-Trichlorobenzene

Concen: 81.878 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078804.D

Acq: 08 Aug 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

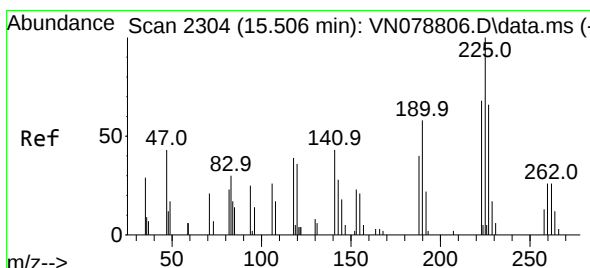
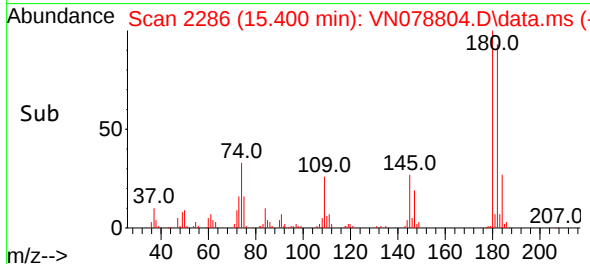
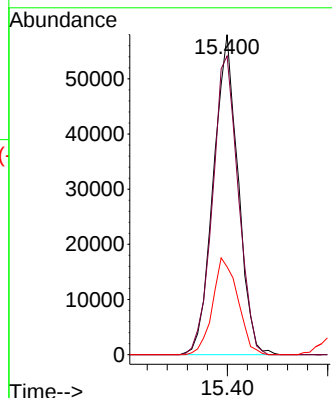
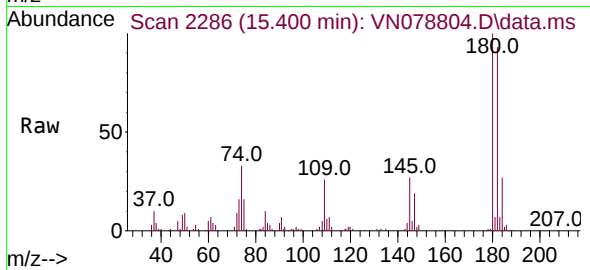
Tgt Ion:180 Resp: 99070
 Ion Ratio Lower Upper
 180 100
 182 97.2 73.7 110.5
 145 30.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#90

Hexachlorobutadiene

Concen: 55.428 ug/l

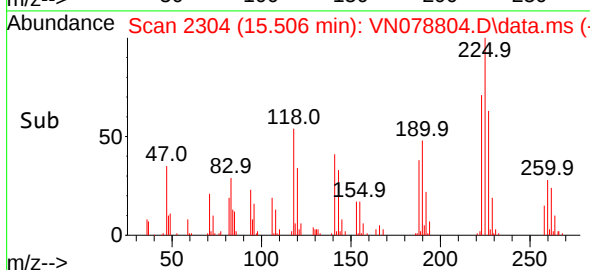
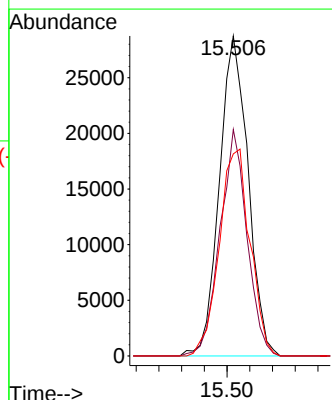
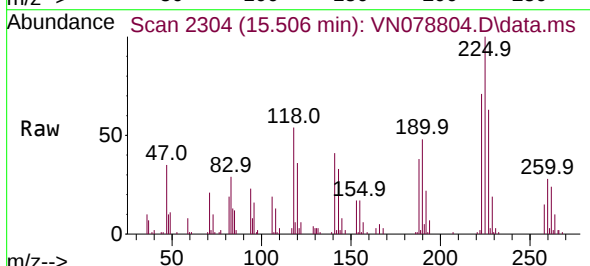
RT: 15.506 min Scan# 2304

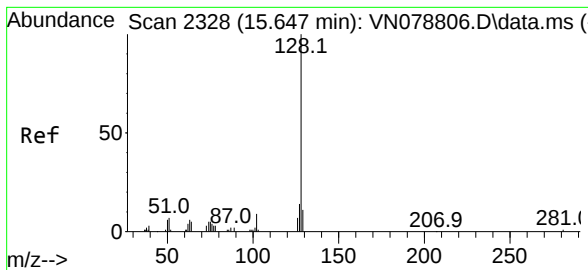
Delta R.T. -0.000 min

Lab File: VN078804.D

Acq: 08 Aug 2023 17:51

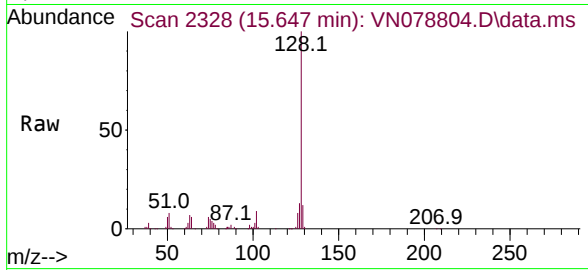
Tgt Ion:225 Resp: 50441
 Ion Ratio Lower Upper
 225 100
 223 66.5 0.0 130.0
 227 69.5 0.0 124.0





#91
Naphthalene
Concen: 82.274 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

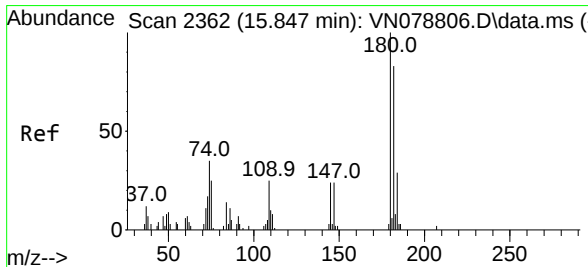
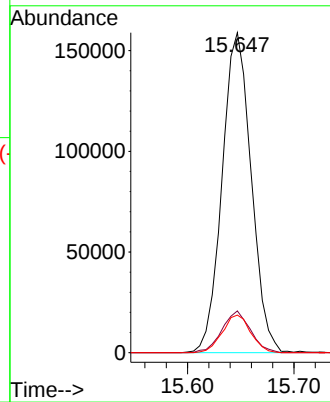
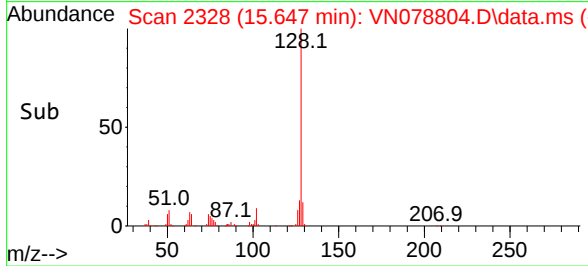
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:128 Resp: 301479
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.5 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#92
1,2,3-Trichlorobenzene
Concen: 74.253 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078804.D
Acq: 08 Aug 2023 17:51

Tgt Ion:180 Resp: 102446
Ion Ratio Lower Upper
180 100
182 96.0 0.0 196.4
145 32.5 0.0 71.0

