

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060123\
 Data File : VN078017.D
 Acq On : 01 Jun 2023 18:26
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/02/2023
 Supervised By : Semsettin Yesilyurt 06/02/2023

Quant Time: Jun 02 01:55:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	369675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	667331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	587240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	237050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	279334	50.501	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.000%			
35) Dibromofluoromethane	8.177	113	242814	55.799	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.600%			
50) Toluene-d8	10.576	98	863553	51.557	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.120%			
62) 4-Bromofluorobenzene	12.853	95	296900	50.189	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	176344	41.915	ug/l	95
3) Chloromethane	2.371	50	201215	44.927	ug/l	98
4) Vinyl Chloride	2.518	62	273157	51.497	ug/l	96
5) Bromomethane	2.942	94	195807	49.913	ug/l	98
6) Chloroethane	3.112	64	198941	52.042	ug/l	99
7) Trichlorofluoromethane	3.494	101	365989	49.510	ug/l	99
8) Diethyl Ether	3.971	74	137080	50.795	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	205665	50.274	ug/l	97
10) Methyl Iodide	4.594	142	289572	59.353	ug/l	94
11) Tert butyl alcohol	5.541	59	217081	284.372	ug/l	100
12) 1,1-Dichloroethene	4.347	96	200987	51.692	ug/l	92
13) Acrolein	4.189	56	142941	307.610	ug/l	96
14) Allyl chloride	5.036	41	307775	53.883	ug/l	93
15) Acrylonitrile	5.730	53	551284	270.312	ug/l	98
16) Acetone	4.441	43	435578	250.301	ug/l	98
17) Carbon Disulfide	4.718	76	452264	43.170	ug/l	98
18) Methyl Acetate	5.036	43	403977	55.336	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	745401	52.965	ug/l	96
20) Methylene Chloride	5.283	84	246782	54.669	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	222938	51.044	ug/l	85
22) Diisopropyl ether	6.682	45	699358	52.237	ug/l #	90
23) Vinyl Acetate	6.612	43	2111218	254.514	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	430908	52.535	ug/l	99
25) 2-Butanone	7.494	43	711917	261.520	ug/l	88
26) 2,2-Dichloropropane	7.494	77	352032	50.518	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	277329	52.957	ug/l	93
28) Bromochloromethane	7.818	49	174584	49.216	ug/l	89
29) Tetrahydrofuran	7.847	42	467472	262.258	ug/l	85
30) Chloroform	7.977	83	474061	52.540	ug/l	94
31) Cyclohexane	8.265	56	323436	43.023	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	416980	54.357	ug/l	98
36) 1,1-Dichloropropene	8.377	75	333712	52.430	ug/l	98
37) Ethyl Acetate	7.571	43	300322	52.938	ug/l #	93
38) Carbon Tetrachloride	8.371	117	363350	56.533	ug/l	99
39) Methylcyclohexane	9.606	83	314385	40.346	ug/l	92
40) Benzene	8.612	78	1017769	54.187	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060123\
 Data File : VN078017.D
 Acq On : 01 Jun 2023 18:26
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/02/2023
 Supervised By : Semsettin Yesilyurt 06/02/2023

Quant Time: Jun 02 01:55:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	163903	54.250	ug/l	90
42) 1,2-Dichloroethane	8.682	62	355821	52.151	ug/l	98
43) Isopropyl Acetate	8.700	43	499768	53.933	ug/l	96
44) Trichloroethene	9.359	130	268707	56.500	ug/l	95
45) 1,2-Dichloropropane	9.629	63	261536	54.590	ug/l	99
46) Dibromomethane	9.718	93	186130	54.294	ug/l	93
47) Bromodichloromethane	9.894	83	372887	56.814	ug/l	96
48) Methyl methacrylate	9.688	41	232173	52.846	ug/l	91
49) 1,4-Dioxane	9.700	88	102521	1235.507	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	1571043	285.227	ug/l	94
52) Toluene	10.641	92	658534	56.318	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	390697	56.213	ug/l	97
54) cis-1,3-Dichloropropene	10.323	75	417609	54.523	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	263016	56.650	ug/l	98
56) Ethyl methacrylate	10.882	69	393537	56.060	ug/l #	90
57) 1,3-Dichloropropane	11.170	76	440277	55.316	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	708202	205.065	ug/l	92
59) 2-Hexanone	11.200	43	1123264	275.710	ug/l	93
60) Dibromochloromethane	11.365	129	283621	59.174	ug/l	99
61) 1,2-Dibromoethane	11.476	107	273773	59.107	ug/l	98
64) Tetrachloroethene	11.112	164	243720	59.347	ug/l	96
65) Chlorobenzene	11.900	112	704607	55.347	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.964	131	264245	59.988	ug/l	98
67) Ethyl Benzene	11.970	91	1248660	54.732	ug/l	97
68) m/p-Xylenes	12.076	106	951630	110.086	ug/l	99
69) o-Xylene	12.406	106	475143	55.891	ug/l	98
70) Styrene	12.417	104	766373	56.748	ug/l	98
71) Bromoform	12.582	173	182798	62.381	ug/l #	100
73) Isopropylbenzene	12.700	105	1166342	57.079	ug/l	99
74) N-amyl acetate	12.500	43	411219	54.445	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	369911	58.845	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	320194m	53.936	ug/l	
77) Bromobenzene	12.988	156	270460	58.000	ug/l	99
78) n-propylbenzene	13.041	91	1296407	53.815	ug/l	100
79) 2-Chlorotoluene	13.129	91	821770	57.167	ug/l	96
80) 1,3,5-Trimethylbenzene	13.182	105	942498	54.880	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	105702	56.915	ug/l #	84
82) 4-Chlorotoluene	13.229	91	766182	53.569	ug/l	97
83) tert-Butylbenzene	13.447	119	784972	52.357	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	945573	55.984	ug/l	98
85) sec-Butylbenzene	13.623	105	1018428	47.797	ug/l	98
86) p-Isopropyltoluene	13.735	119	851103	50.104	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	468503	54.327	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	450111	52.598	ug/l	99
89) n-Butylbenzene	14.064	91	662957	42.432	ug/l	97
90) Hexachloroethane	14.341	117	146499	52.498	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	468518	58.155	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	66068	54.286	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	176487	37.487	ug/l	97
94) Hexachlorobutadiene	15.505	225	74810	38.271	ug/l	97
95) Naphthalene	15.647	128	615155	37.961	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	183751	39.863	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060123\
Data File : VN078017.D
Acq On : 01 Jun 2023 18:26
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

Quant Time: Jun 02 01:55:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
----------	------	---	-----	----------	------	-------	----------

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

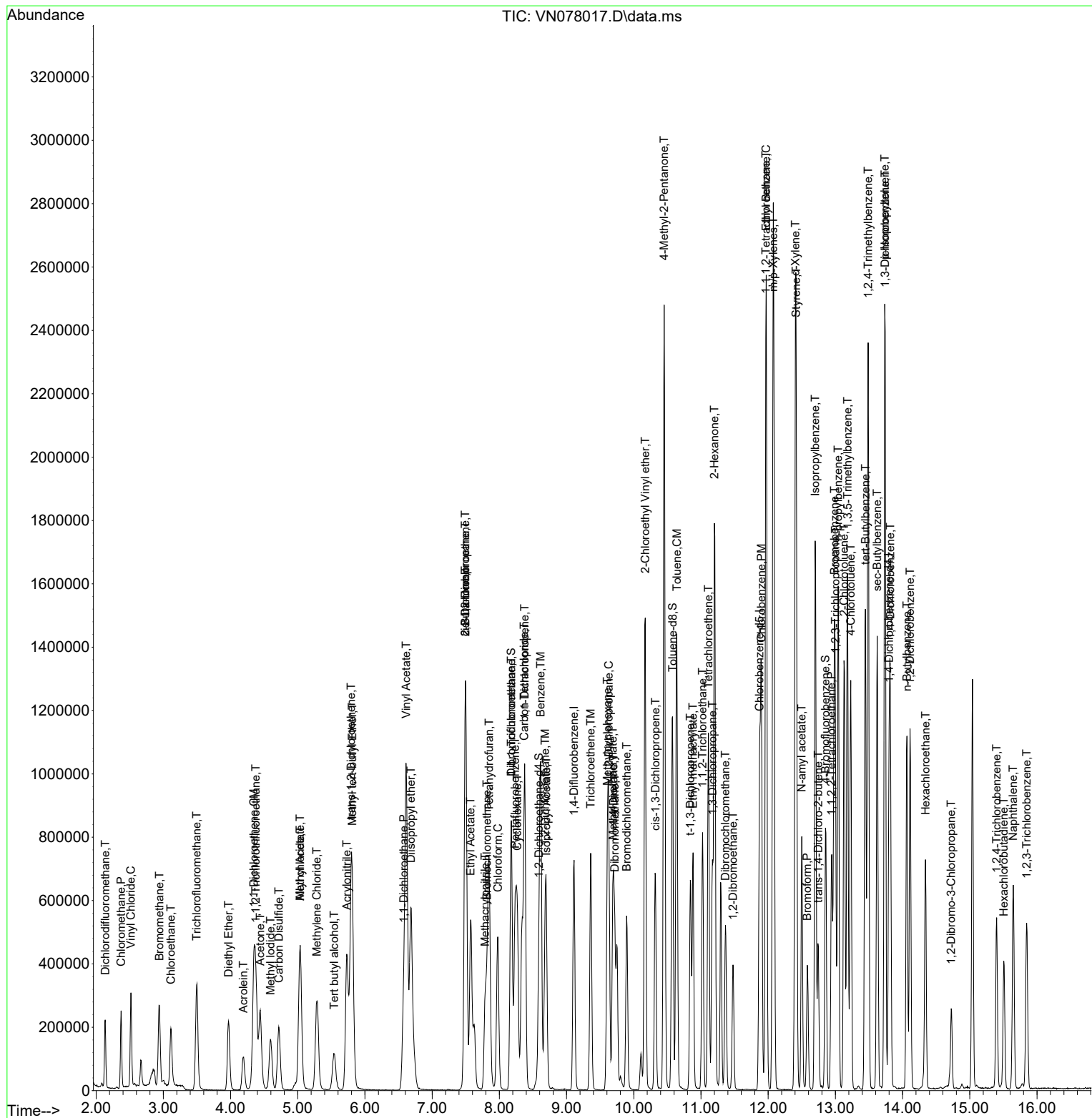
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060123\
Data File : VN078017.D
Acq On : 01 Jun 2023 18:26
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

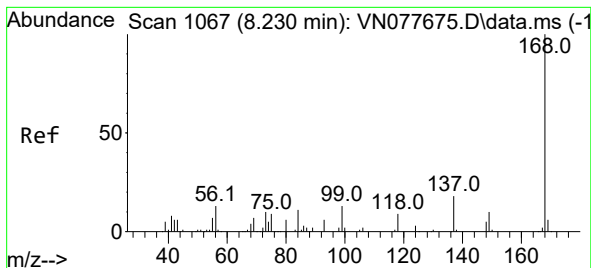
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 02 01:55:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 10

Delta R.T. 0.005 min

Lab File: VN078017.D

Acq: 01 Jun 2023 18:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 369679

Ion Ratio Lower Upper

168 100

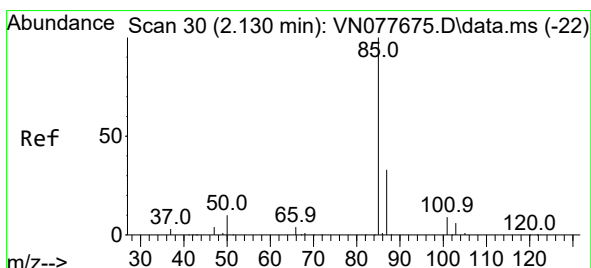
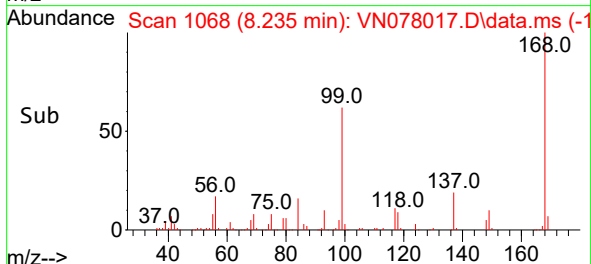
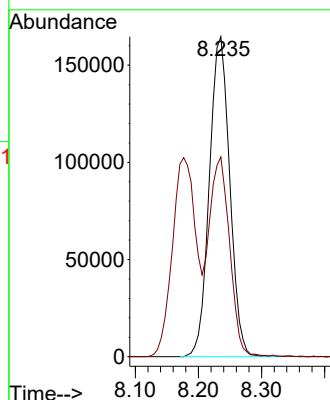
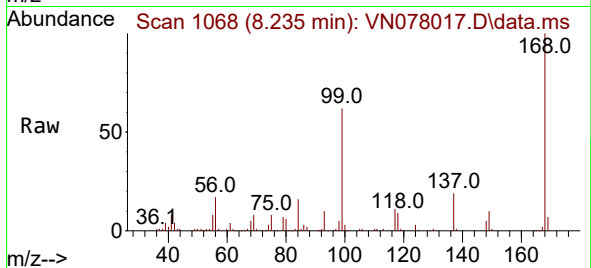
99 62.3 53.0 79.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#2

Dichlorodifluoromethane

Concen: 41.915 ug/l

RT: 2.136 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN078017.D

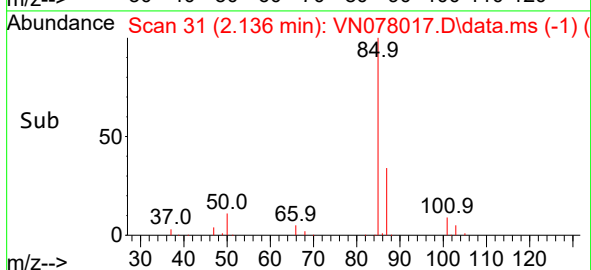
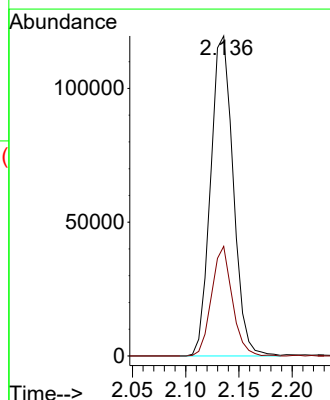
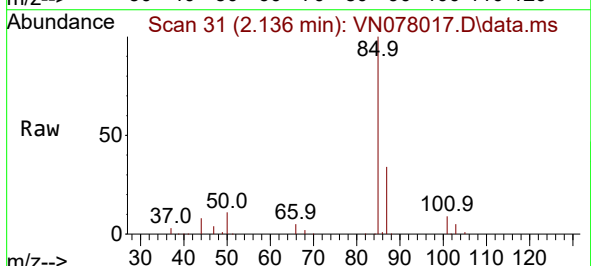
Acq: 01 Jun 2023 18:26

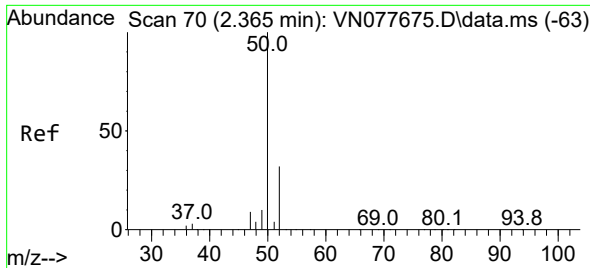
Tgt Ion: 85 Resp: 176344

Ion Ratio Lower Upper

85 100

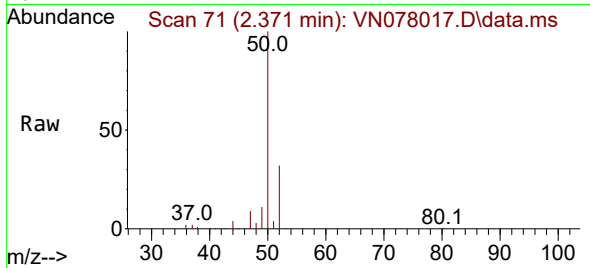
87 34.2 15.8 47.4





#3
Chloromethane
Concen: 44.927 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

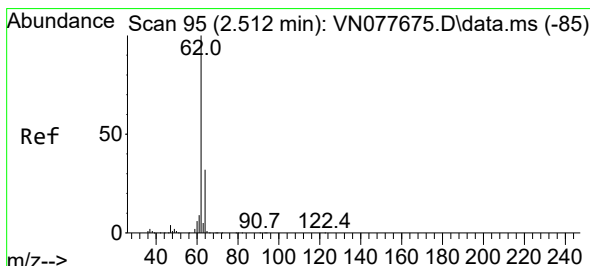
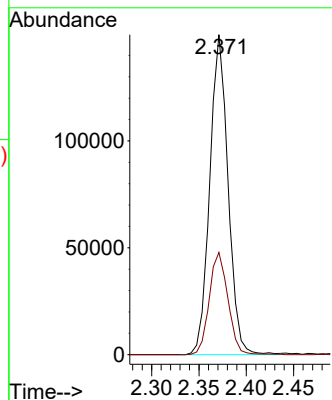
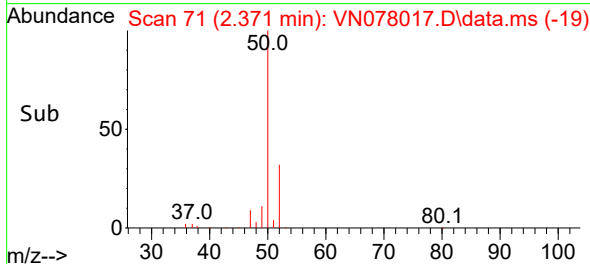
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 201215
Ion Ratio Lower Upper
50 100
52 31.9 26.5 39.7

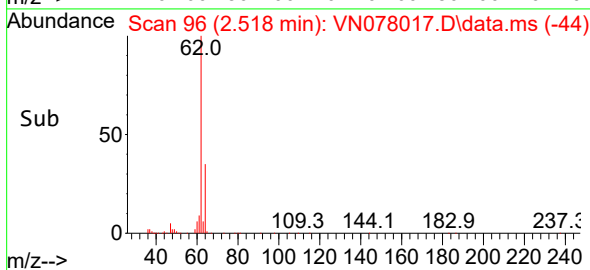
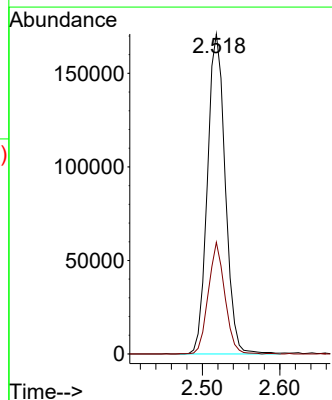
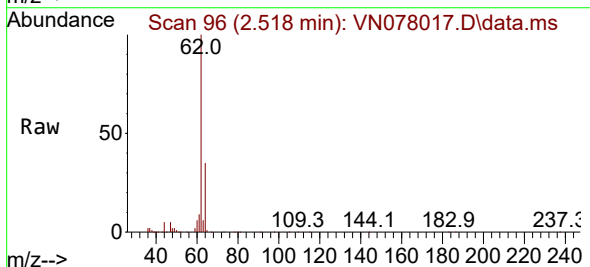
Manual Integrations
APPROVED

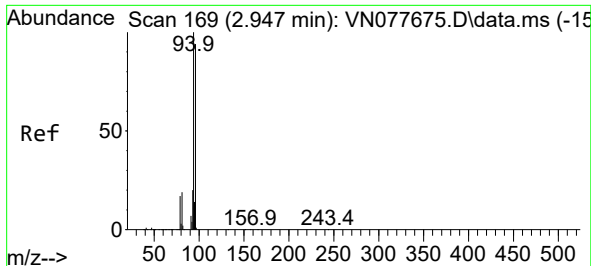
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#4
Vinyl Chloride
Concen: 51.497 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

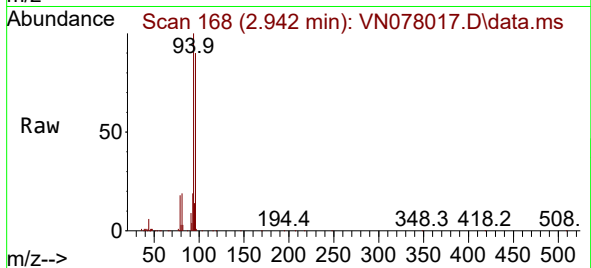
Tgt Ion: 62 Resp: 273157
Ion Ratio Lower Upper
62 100
64 34.9 26.2 39.2





#5
Bromomethane
Concen: 49.913 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

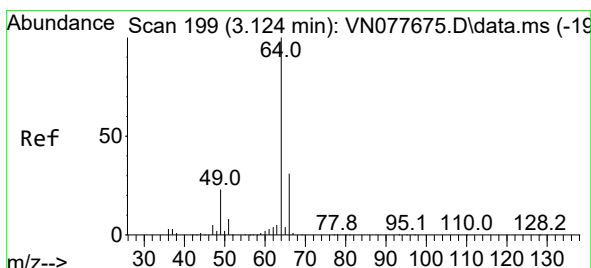
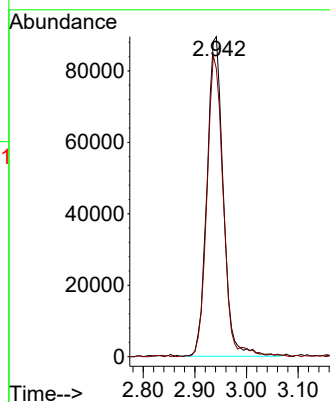
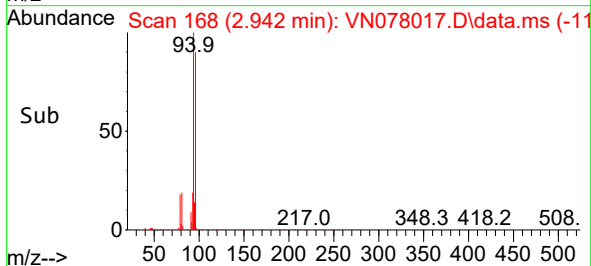
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 19580
Ion Ratio Lower Upper
94 100
96 89.9 73.1 109.7

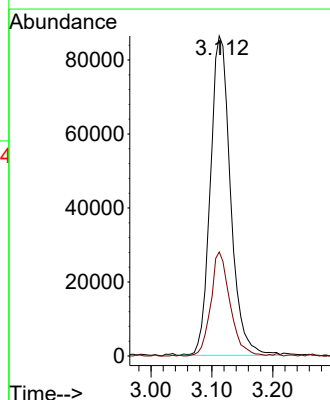
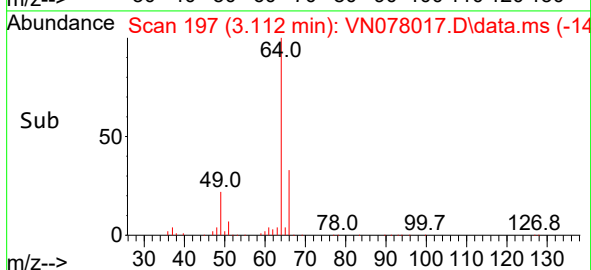
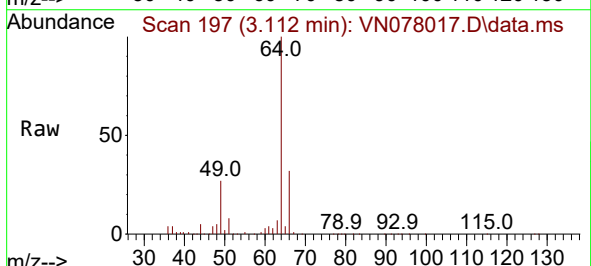
Manual Integrations
APPROVED

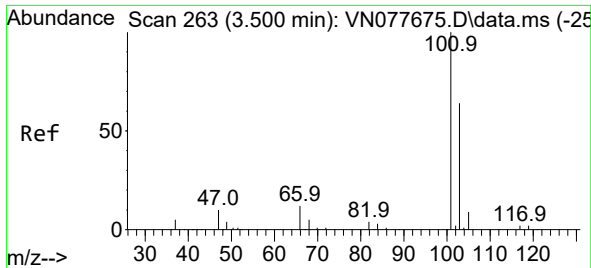
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#6
Chloroethane
Concen: 52.042 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

Tgt Ion: 64 Resp: 198941
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.2





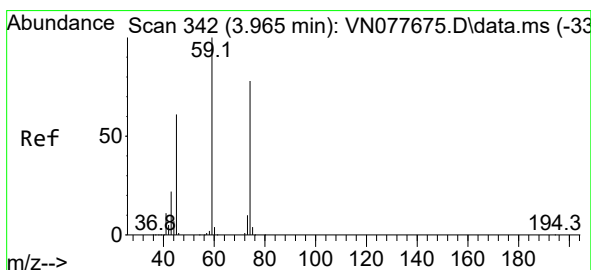
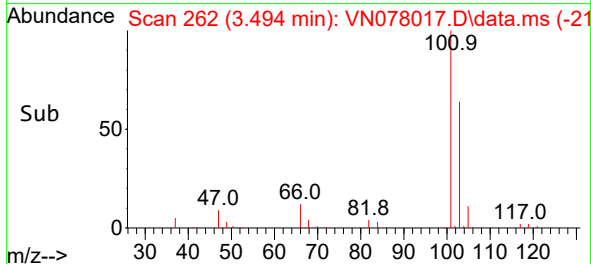
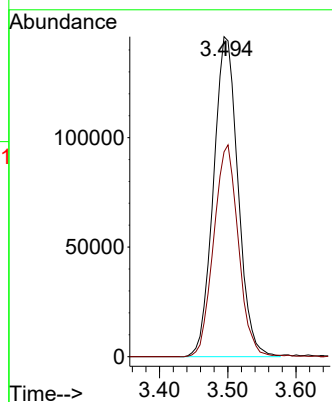
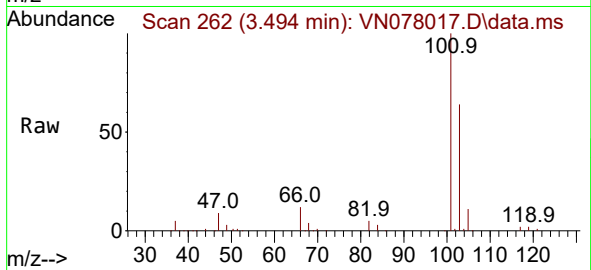
#7
Trichlorofluoromethane
Concen: 49.510 ug/l
RT: 3.494 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 365989
Ion Ratio Lower Upper
101 100
103 64.0 50.7 76.1

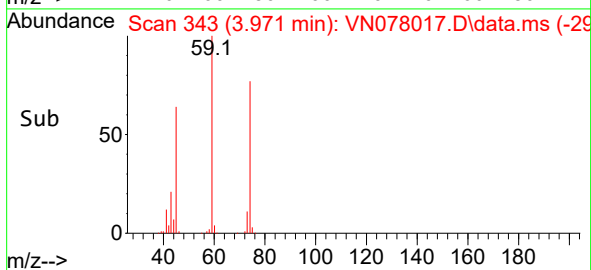
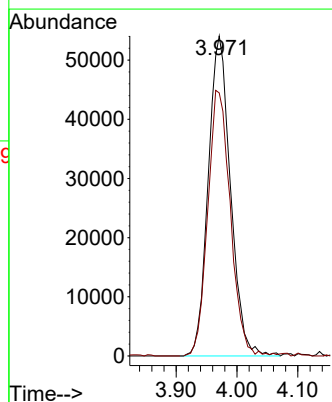
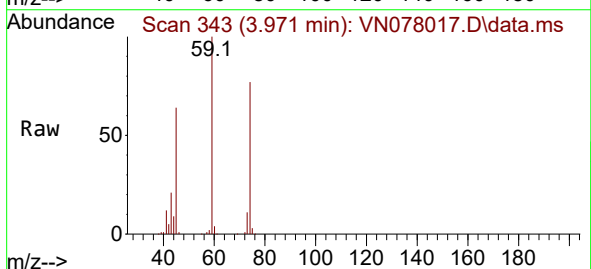
Manual Integrations
APPROVED

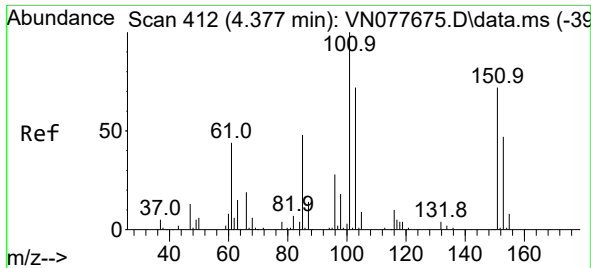
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#8
Diethyl Ether
Concen: 50.795 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

Tgt Ion: 74 Resp: 137080
Ion Ratio Lower Upper
74 100
45 84.4 34.4 103.3





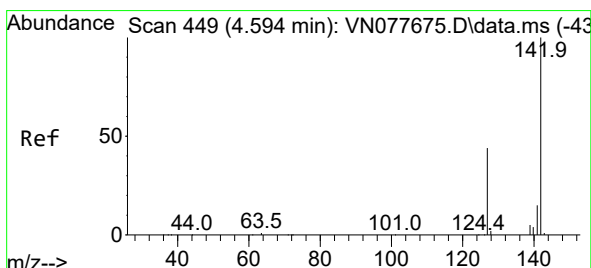
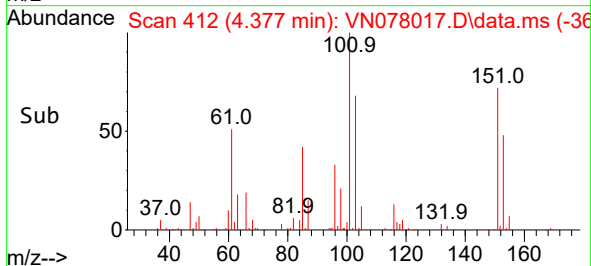
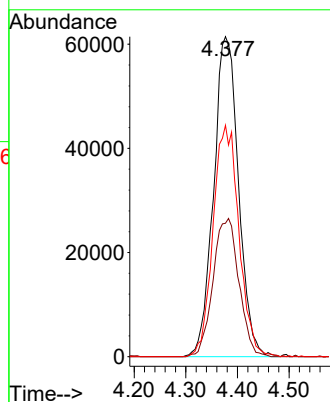
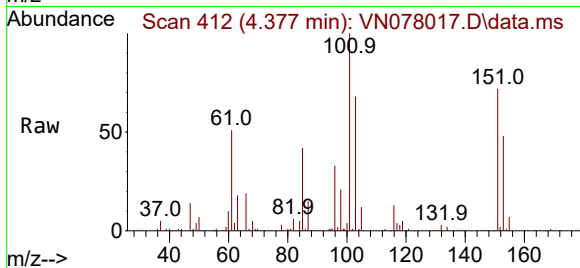
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.274 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 20566
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 75.0 57.6 86.4

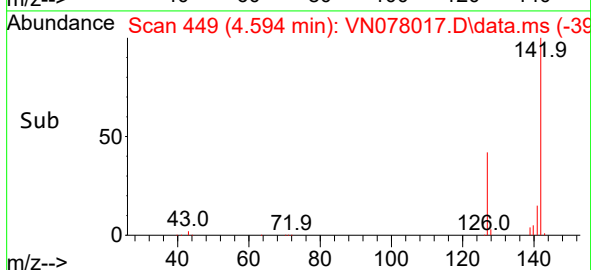
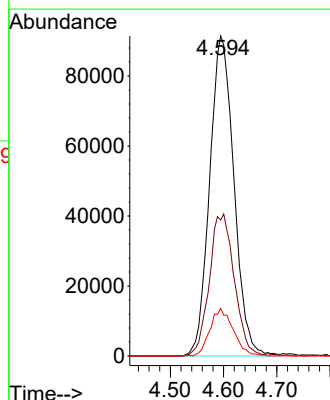
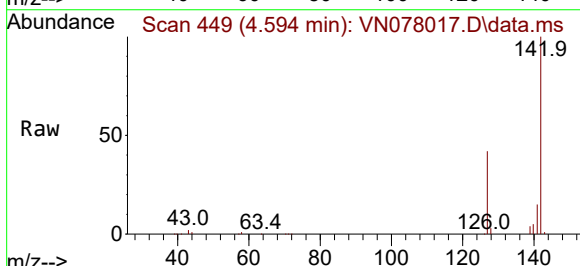
Manual Integrations
APPROVED

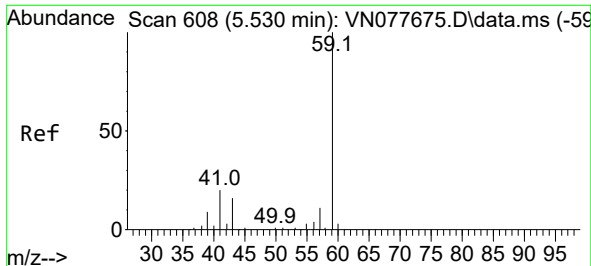
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#10
Methyl Iodide
Concen: 59.353 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

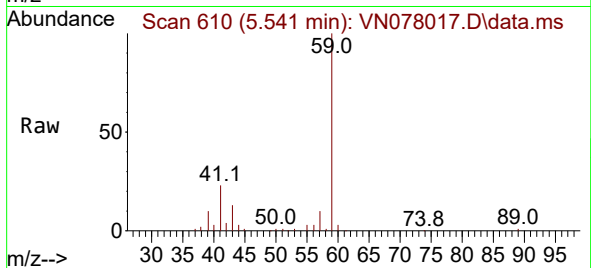
Tgt Ion:142 Resp: 289572
Ion Ratio Lower Upper
142 100
127 42.4 37.6 56.4
141 14.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 284.372 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.011 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

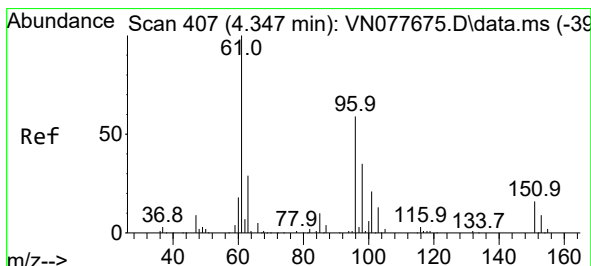
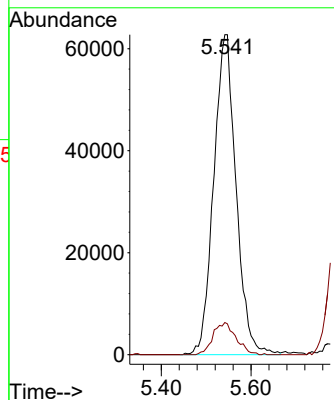
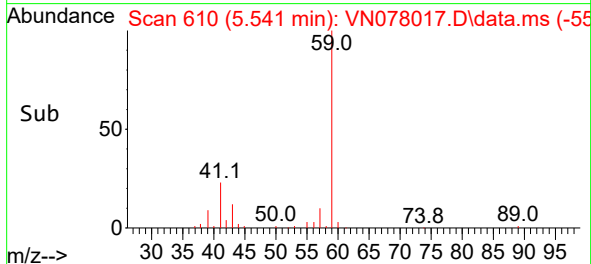
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



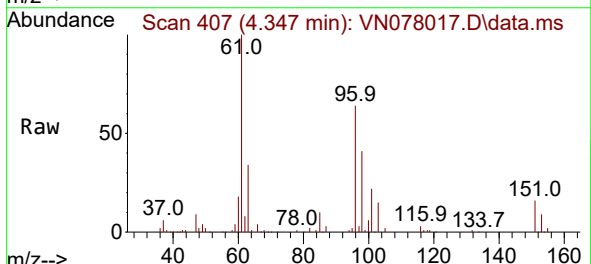
Tgt Ion: 59 Resp: 21708
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

Manual Integrations
APPROVED

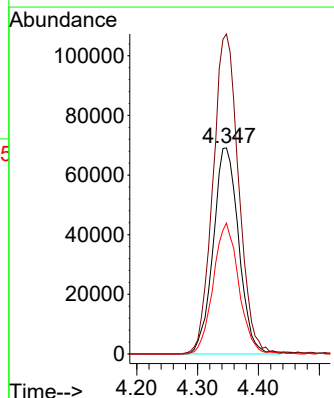
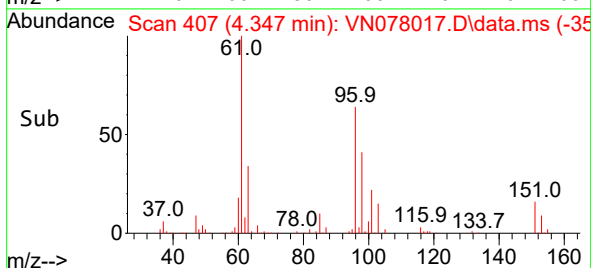
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

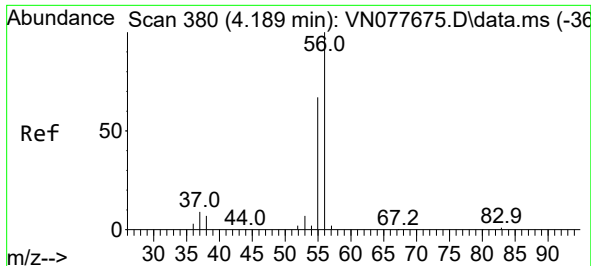


#12
1,1-Dichloroethene
Concen: 51.692 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26



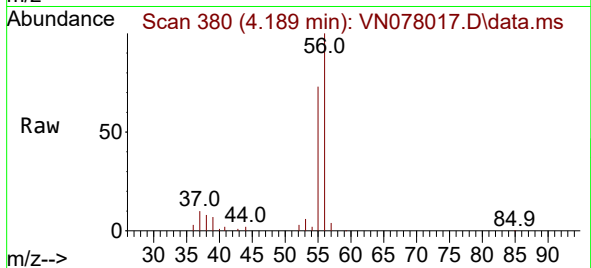
Tgt Ion: 96 Resp: 200987
Ion Ratio Lower Upper
96 100
61 155.3 112.7 169.1
98 63.6 51.2 76.8





#13
Acrolein
Concen: 307.610 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

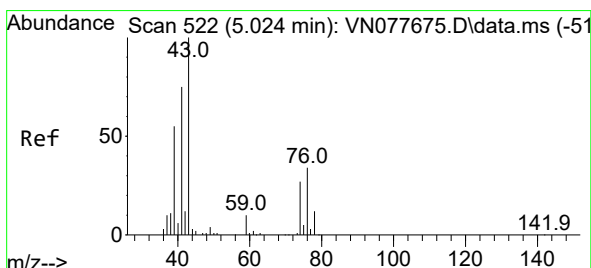
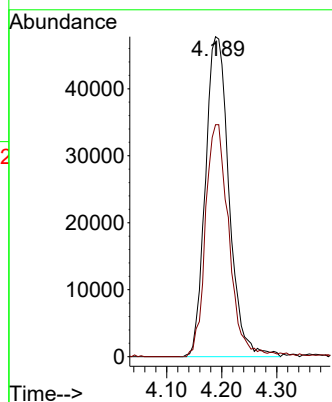
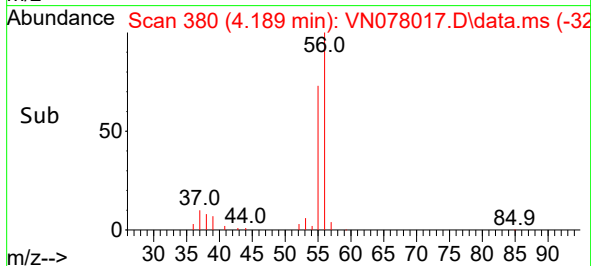
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 14294
Ion Ratio Lower Upper
56 100
55 71.1 54.5 81.7

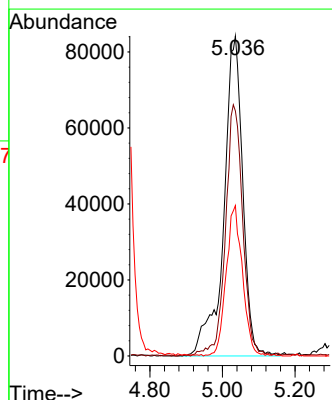
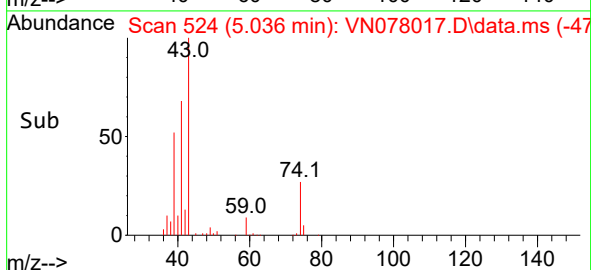
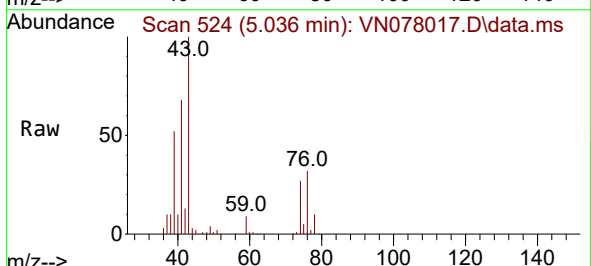
Manual Integrations
APPROVED

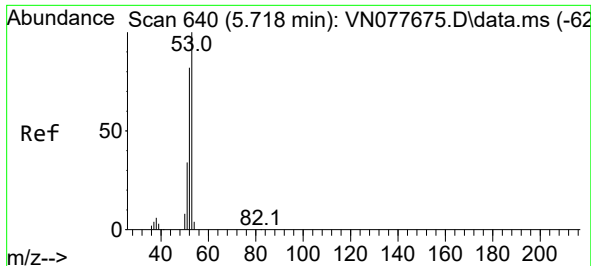
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#14
Allyl chloride
Concen: 53.883 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

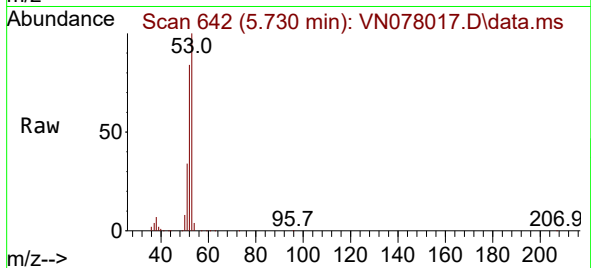
Tgt Ion: 41 Resp: 307775
Ion Ratio Lower Upper
41 100
39 71.2 58.8 88.2
76 40.3 39.1 58.7





#15
Acrylonitrile
Concen: 270.312 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

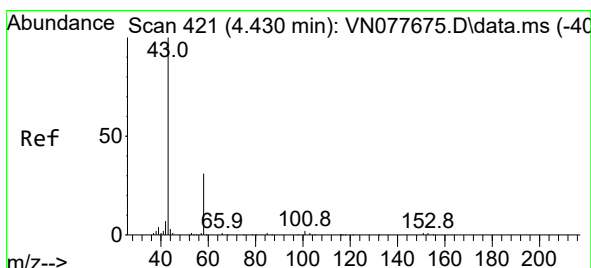
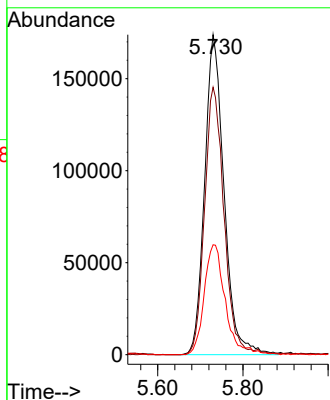
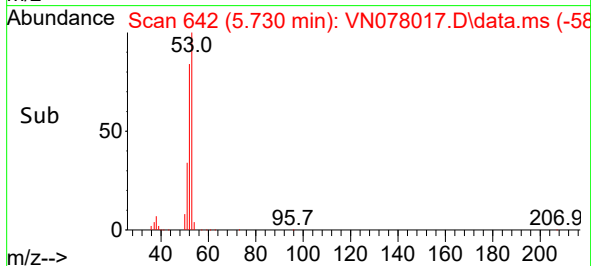
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



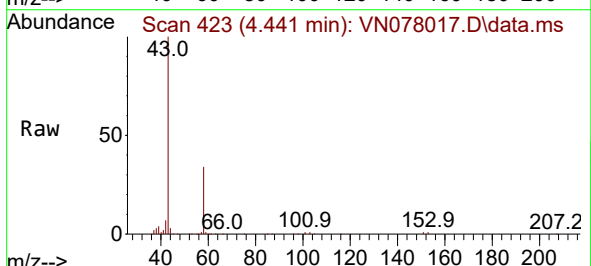
Tgt Ion: 53 Resp: 551284
Ion Ratio Lower Upper
53 100
52 83.9 65.3 97.9
51 37.2 28.9 43.3

Manual Integrations
APPROVED

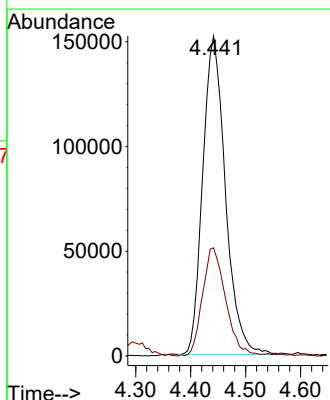
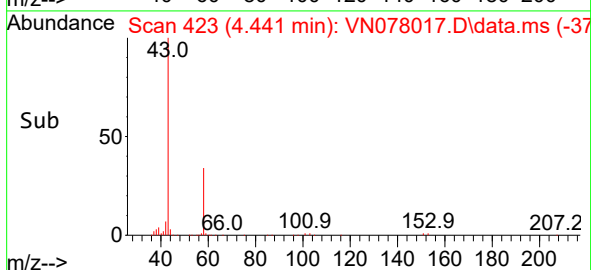
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

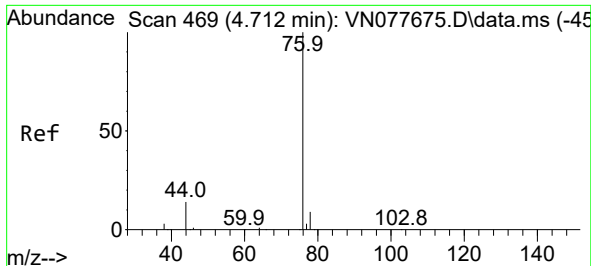


#16
Acetone
Concen: 250.301 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26



Tgt Ion: 43 Resp: 435578
Ion Ratio Lower Upper
43 100
58 34.0 28.0 42.0





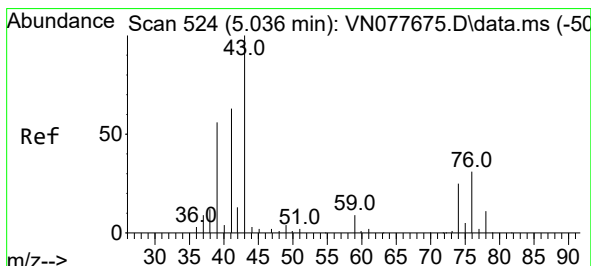
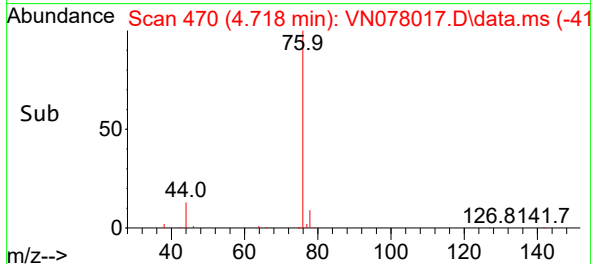
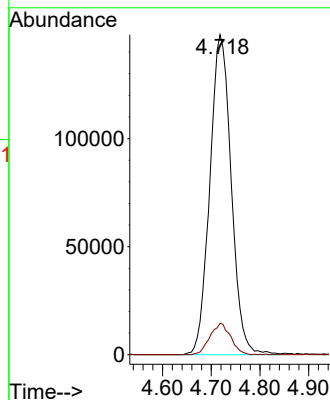
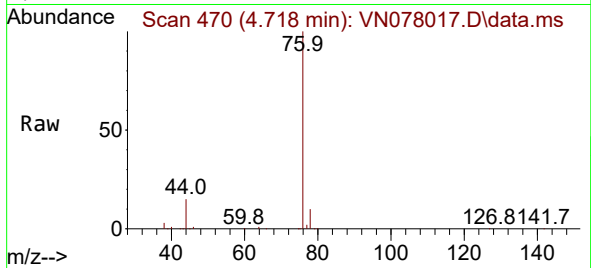
#17
Carbon Disulfide
Concen: 43.170 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 452264
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

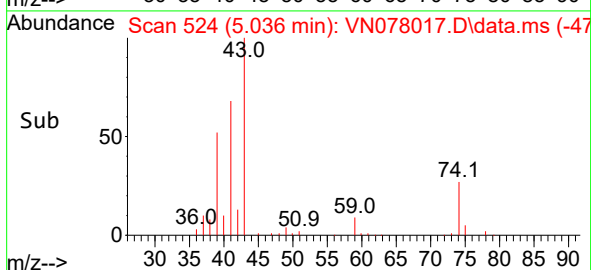
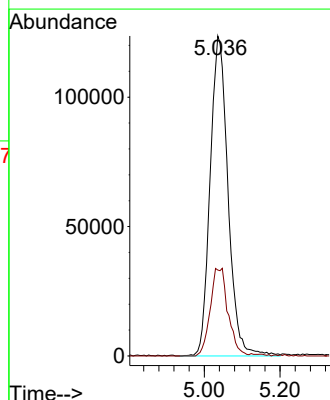
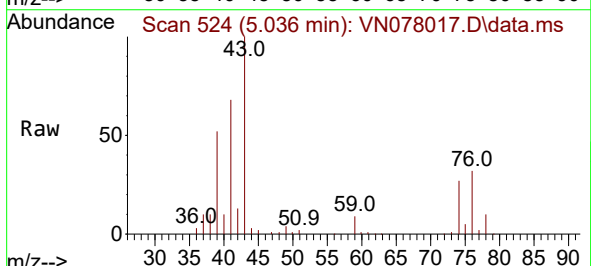
Manual Integrations
APPROVED

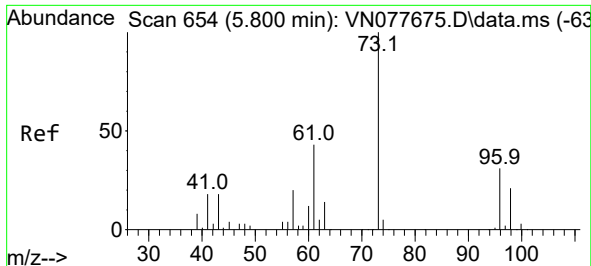
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#18
Methyl Acetate
Concen: 55.336 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

Tgt Ion: 43 Resp: 403977
Ion Ratio Lower Upper
43 100
74 27.2 26.2 39.4





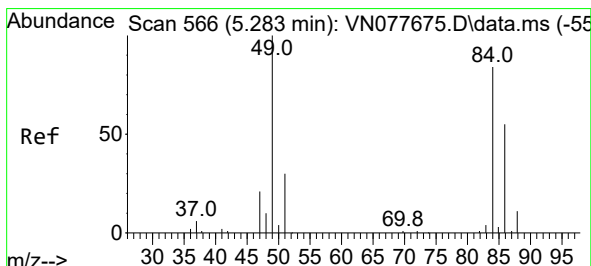
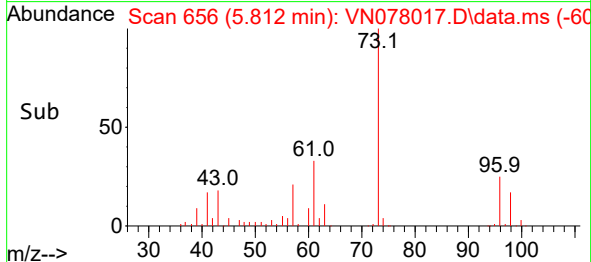
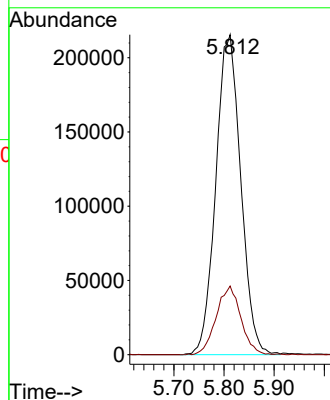
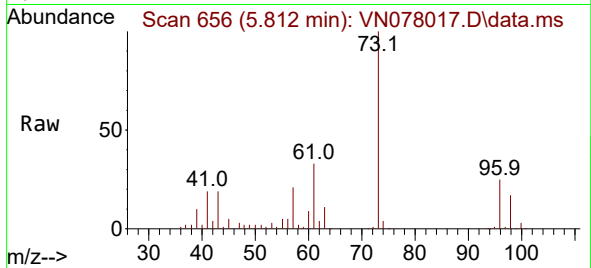
#19
Methyl tert-butyl Ether
Concen: 52.965 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 74540
Ion Ratio Lower Upper
73 100
57 21.5 15.6 23.4

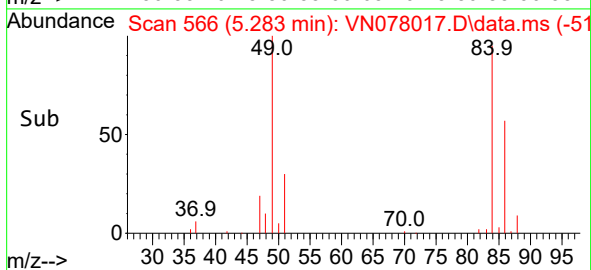
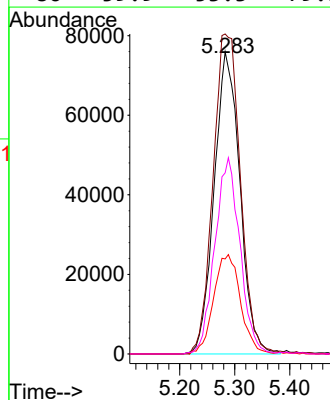
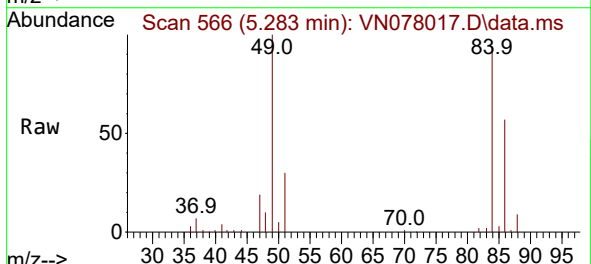
Manual Integrations
APPROVED

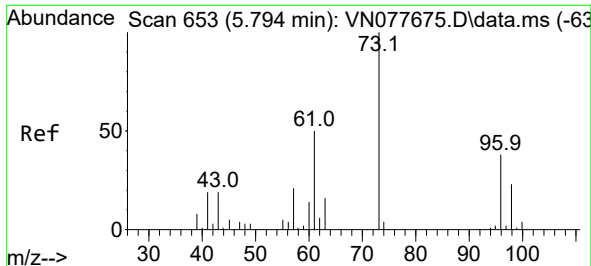
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#20
Methylene Chloride
Concen: 54.669 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

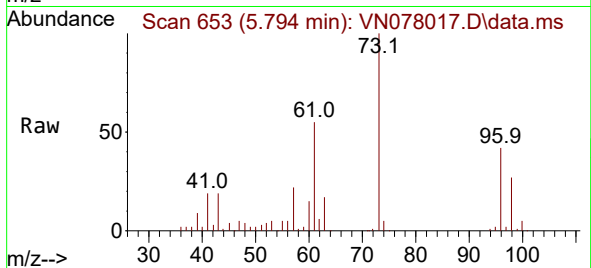
Tgt Ion: 84 Resp: 246782
Ion Ratio Lower Upper
84 100
49 105.9 79.7 119.5
51 31.4 25.2 37.8
86 59.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 51.044 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

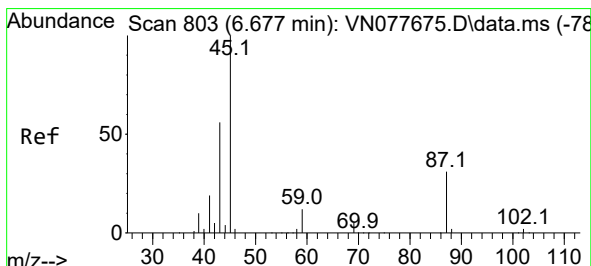
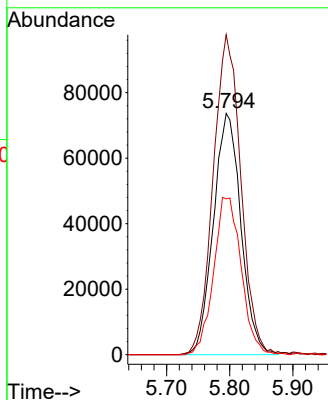
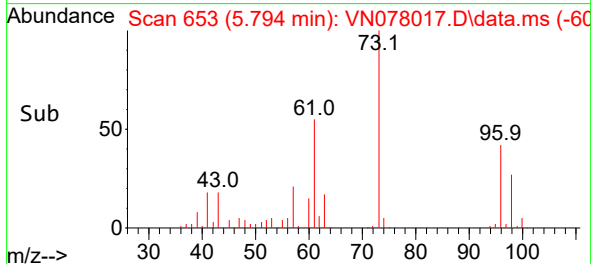
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 222938
Ion Ratio Lower Upper
96 100
61 132.6 90.1 135.1
98 64.6 46.4 69.6

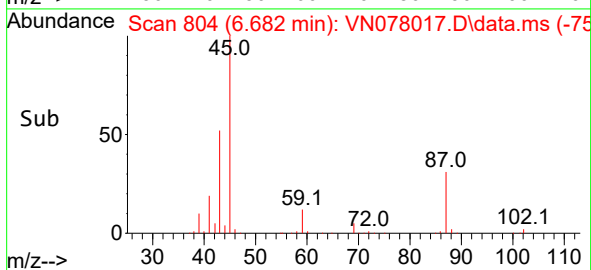
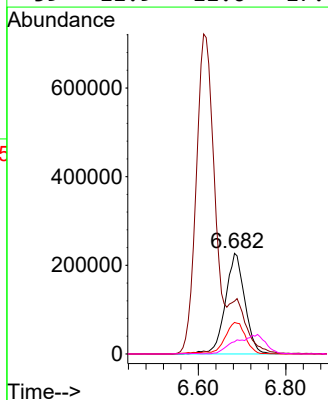
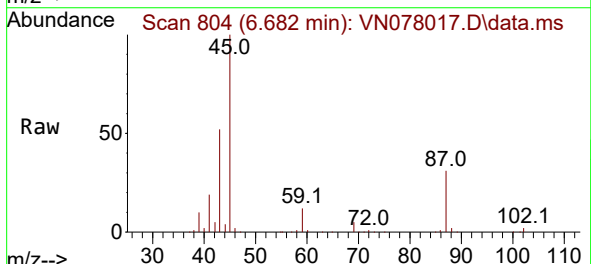
Manual Integrations
APPROVED

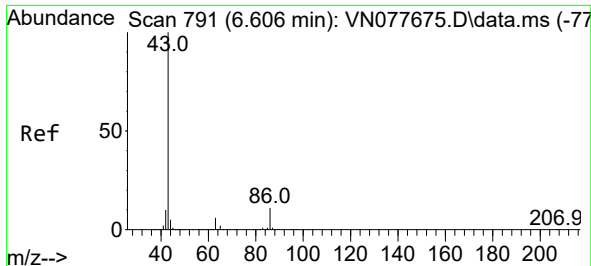
Reviewed By :John Carbone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#22
Diisopropyl ether
Concen: 52.237 ug/l
RT: 6.682 min Scan# 804
Delta R.T. 0.005 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

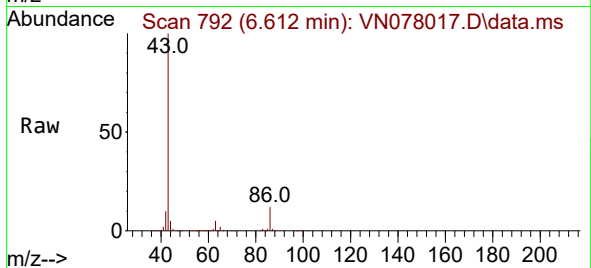
Tgt Ion: 45 Resp: 699358
Ion Ratio Lower Upper
45 100
43 51.6 45.5 68.3
87 31.2 31.8 47.8#
59 11.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 254.514 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN078017.D
 Acq: 01 Jun 2023 18:26

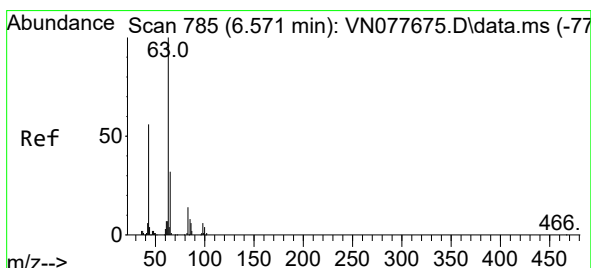
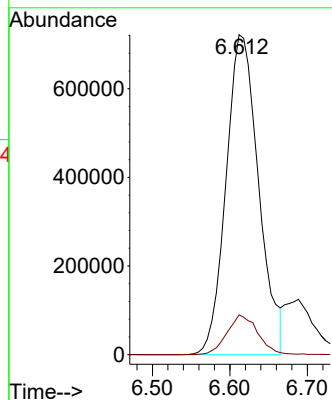
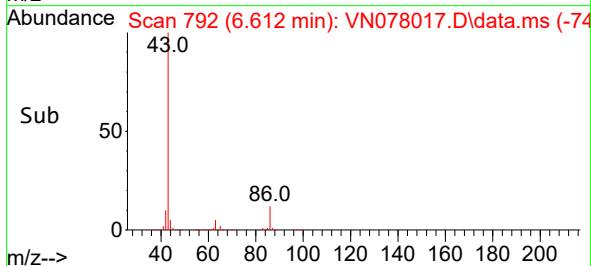
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



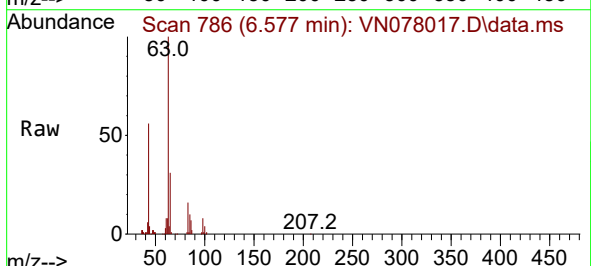
Tgt Ion: 43 Resp: 2111218
 Ion Ratio Lower Upper
 43 100
 86 12.4 13.0 19.6

Manual Integrations
 APPROVED

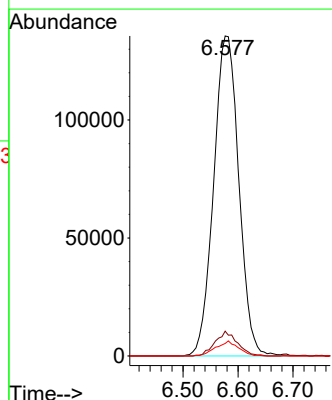
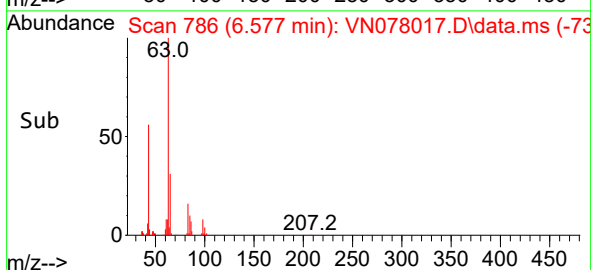
Reviewed By :John Carlone 06/02/2023
 Supervised By :Semsettin Yesilyurt 06/02/2023

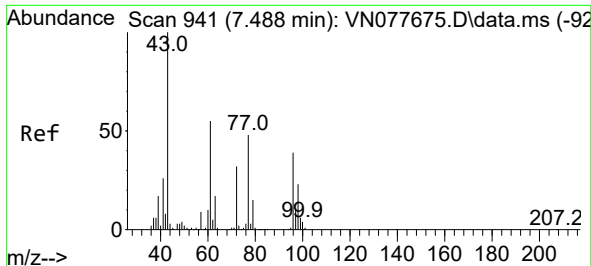


#24
 1,1-Dichloroethane
 Concen: 52.535 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN078017.D
 Acq: 01 Jun 2023 18:26



Tgt Ion: 63 Resp: 430908
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 3.9 2.5 7.4





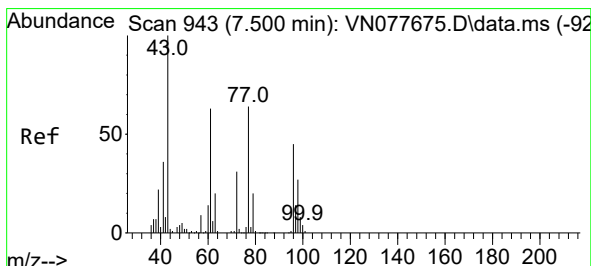
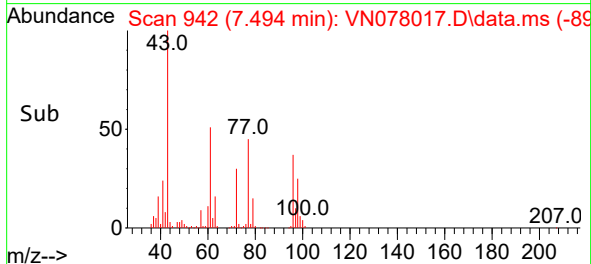
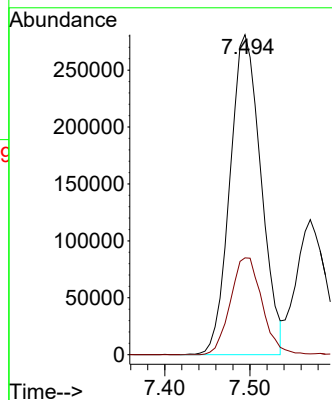
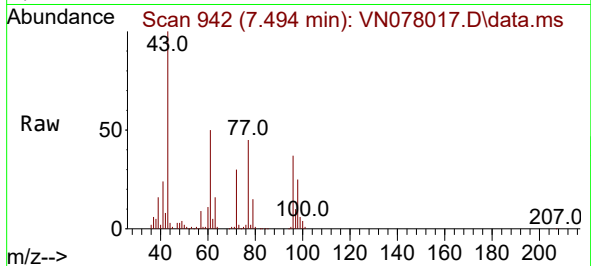
#25
2-Butanone
Concen: 261.520 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 711917
Ion Ratio Lower Upper
43 100
72 30.2 30.2 45.2

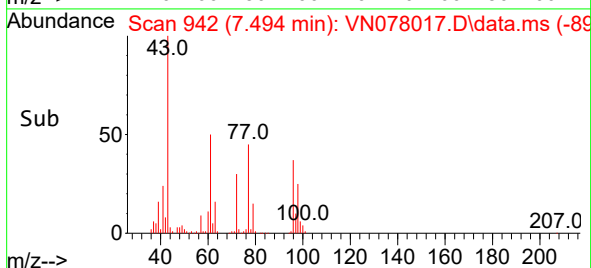
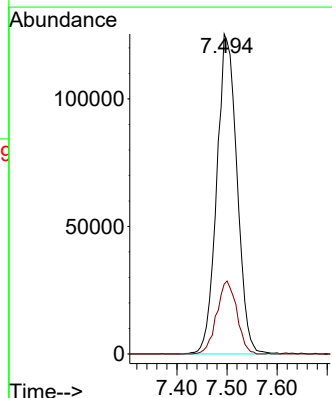
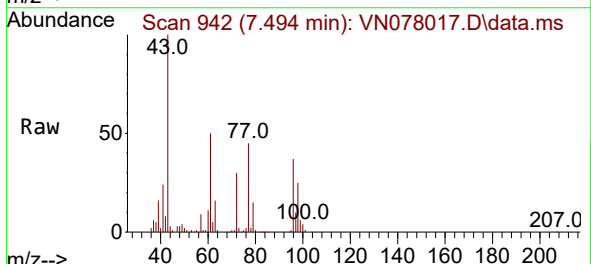
Manual Integrations
APPROVED

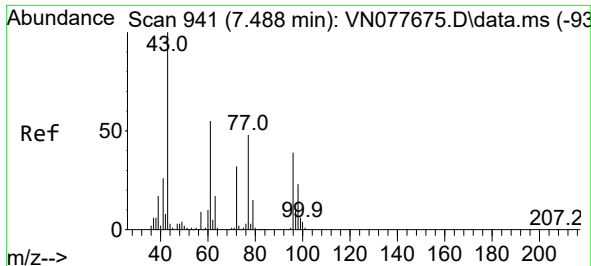
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#26
2,2-Dichloropropane
Concen: 50.518 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

Tgt Ion: 77 Resp: 352032
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 52.957 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN078017.D

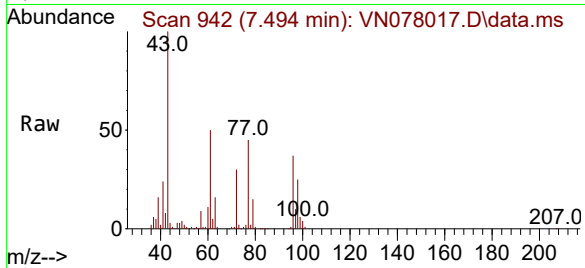
Acq: 01 Jun 2023 18:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 96 Resp: 277329

Ion Ratio Lower Upper

96 100

61 139.0 0.0 255.2

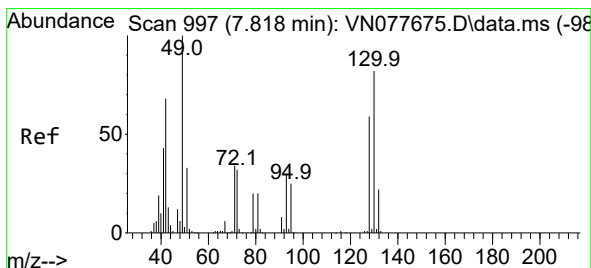
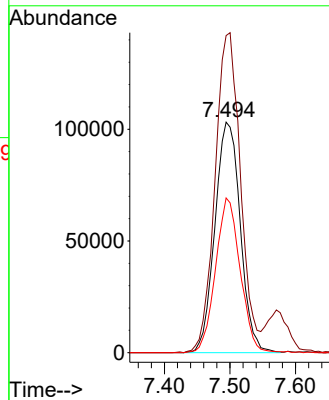
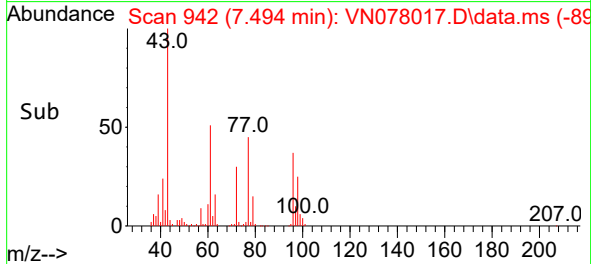
98 65.1 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#28

Bromochloromethane

Concen: 49.216 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.000 min

Lab File: VN078017.D

Acq: 01 Jun 2023 18:26

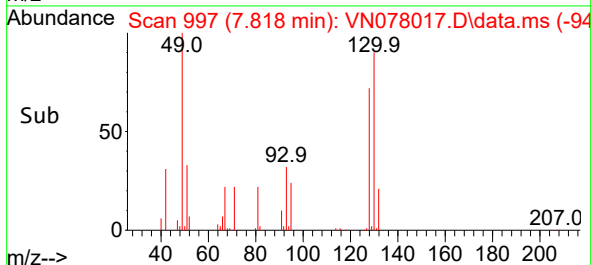
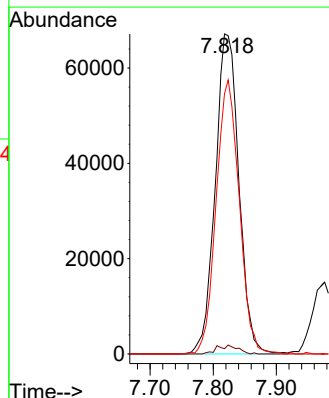
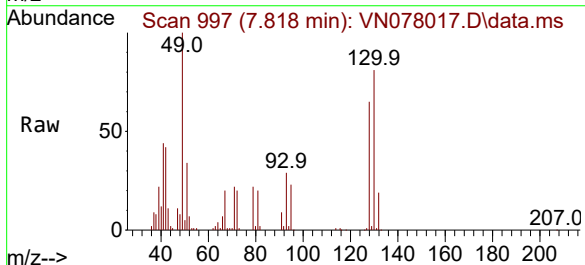
Tgt Ion: 49 Resp: 174584

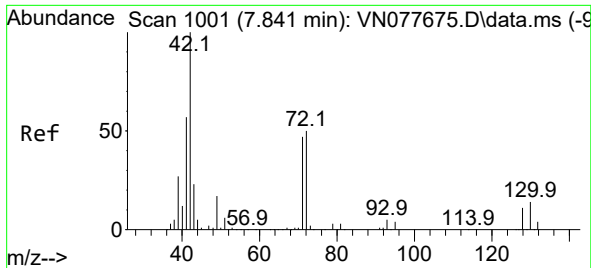
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.8

130 83.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 262.258 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN078017.D

Acq: 01 Jun 2023 18:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 467472

Ion Ratio Lower Upper

42 100

72 51.0 49.8 74.6

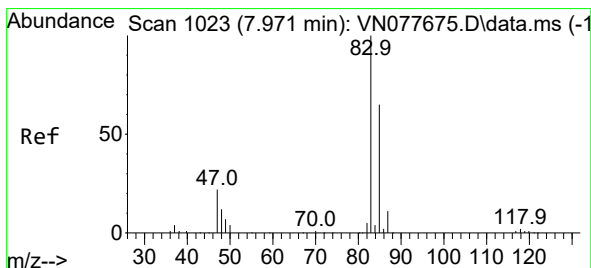
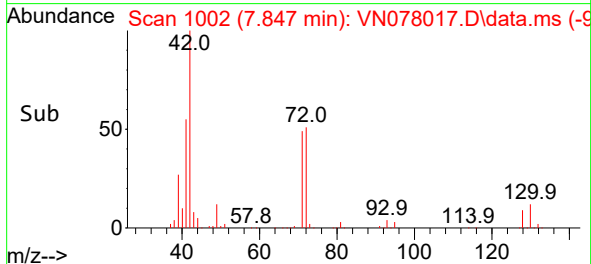
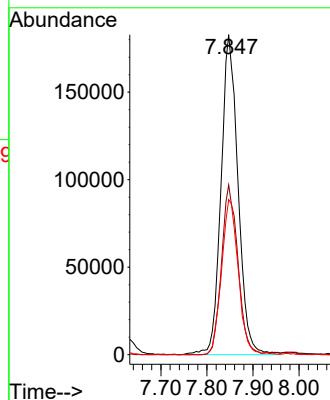
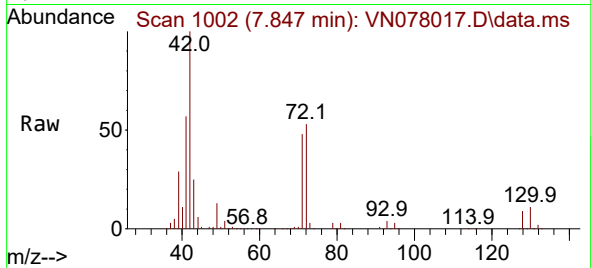
71 47.5 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#30

Chloroform

Concen: 52.540 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078017.D

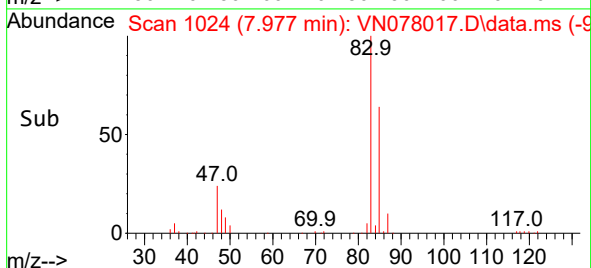
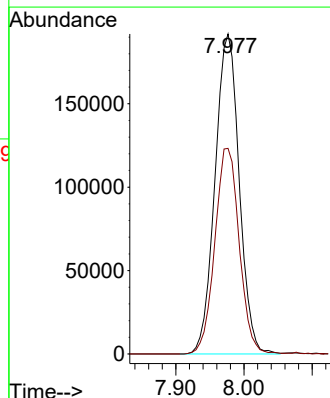
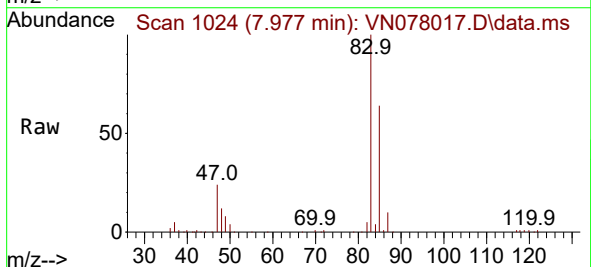
Acq: 01 Jun 2023 18:26

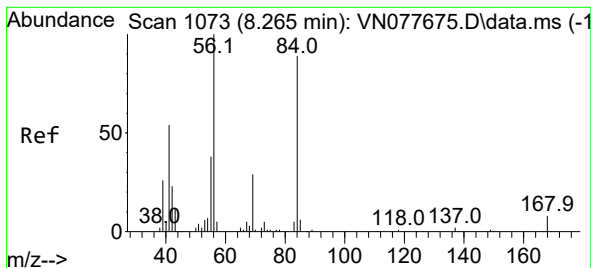
Tgt Ion: 83 Resp: 474061

Ion Ratio Lower Upper

83 100

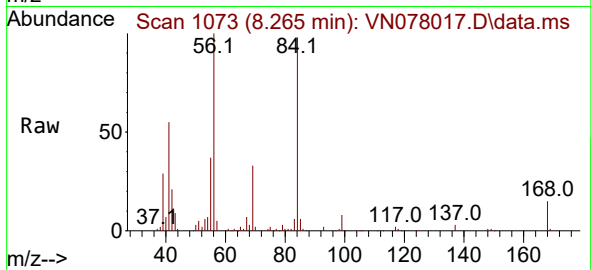
85 64.3 55.4 83.0





#31
Cyclohexane
Concen: 43.023 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

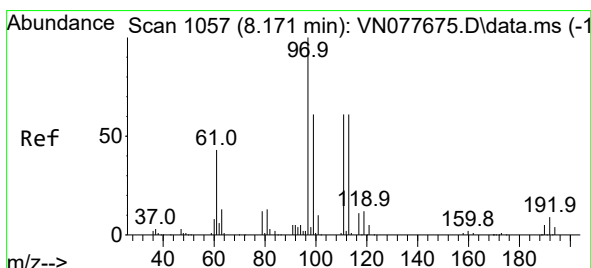
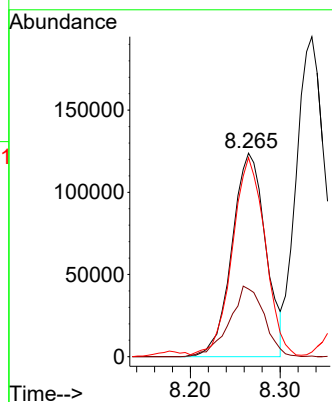
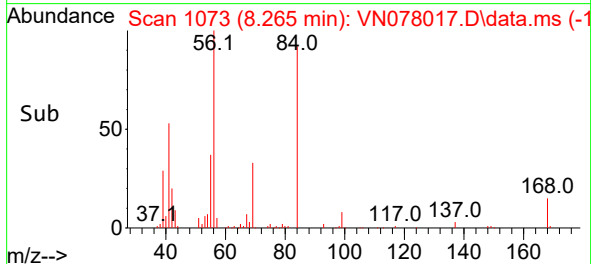
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



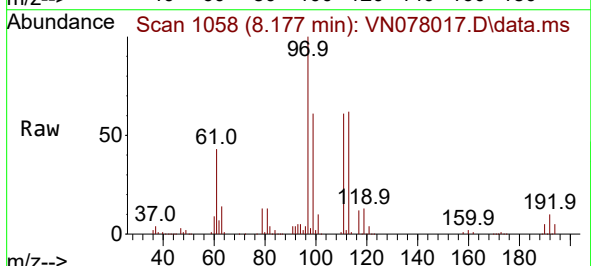
Tgt Ion: 56 Resp: 323430
Ion Ratio Lower Upper
56 100
69 33.2 26.8 40.2
84 95.8 81.8 122.6

Manual Integrations
APPROVED

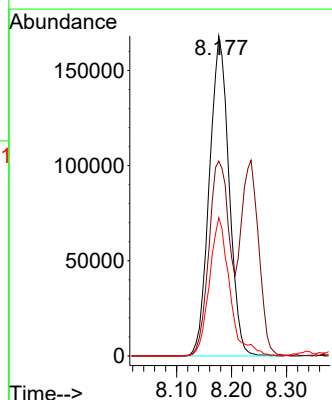
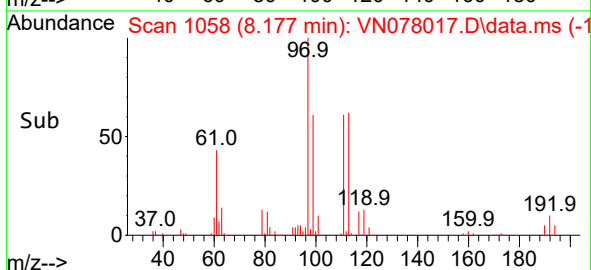
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

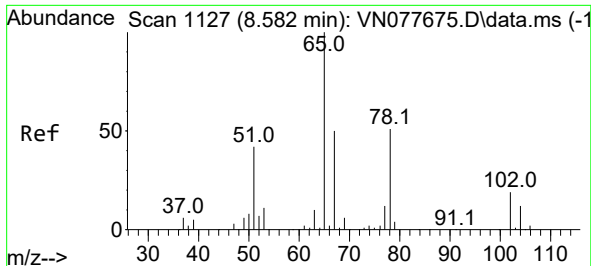


#32
1,1,1-Trichloroethane
Concen: 54.357 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26



Tgt Ion: 97 Resp: 416980
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 44.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.501 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078017.D

Acq: 01 Jun 2023 18:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 279334

Ion Ratio Lower Upper

65 100

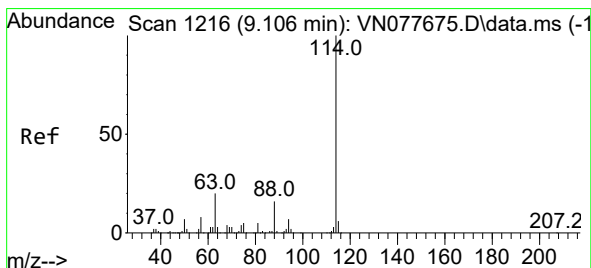
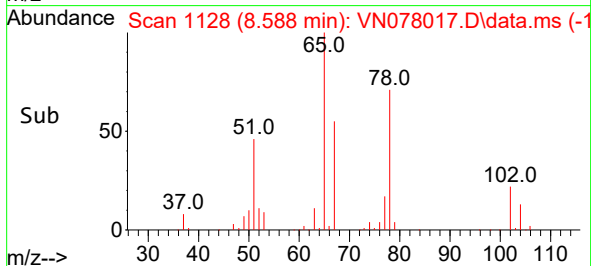
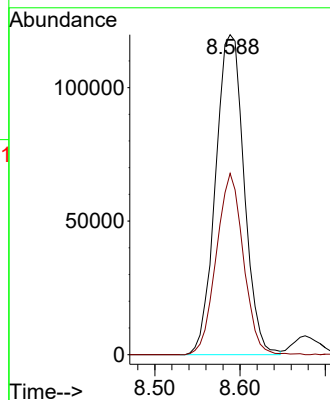
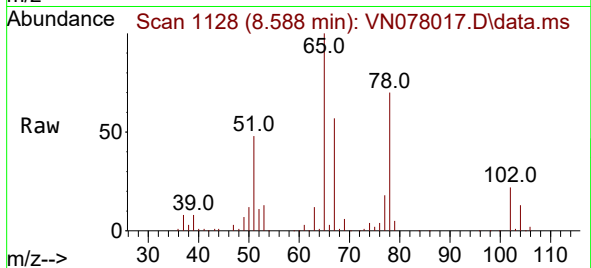
67 53.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078017.D

Acq: 01 Jun 2023 18:26

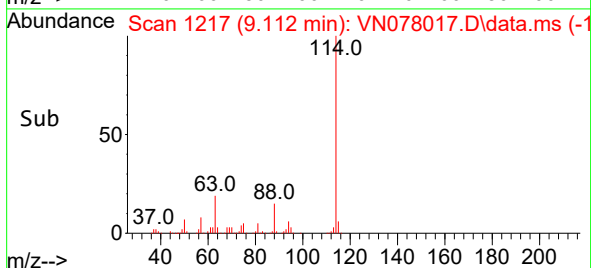
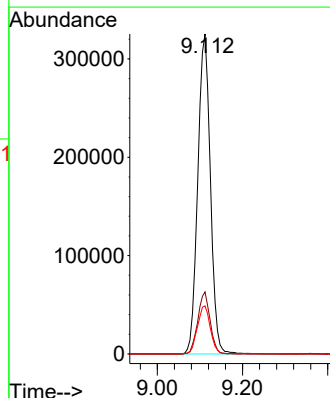
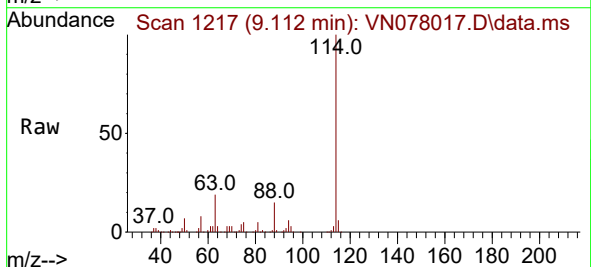
Tgt Ion:114 Resp: 667331

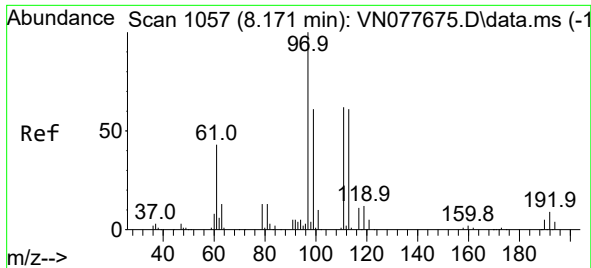
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

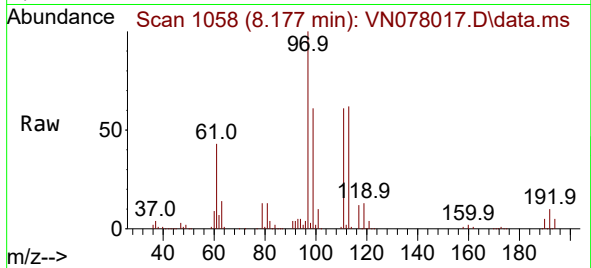
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 55.799 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

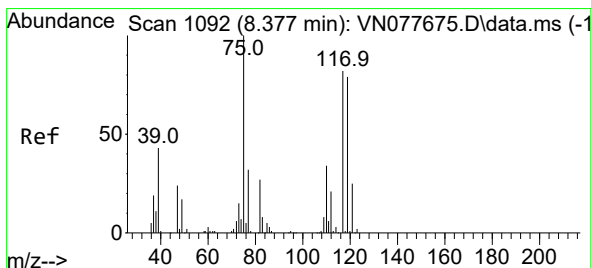
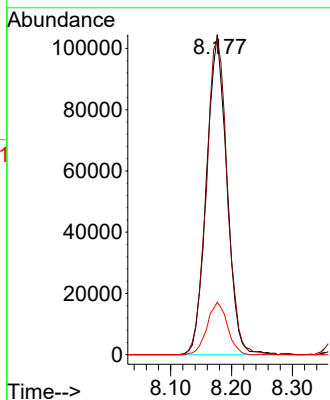
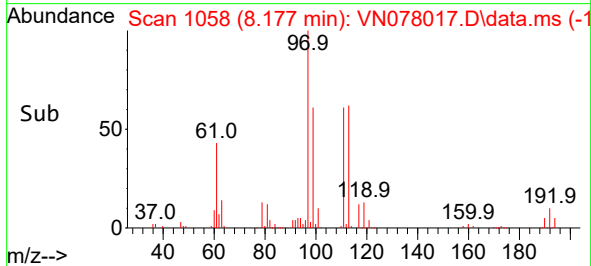
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 242814
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 16.3 12.7 19.1

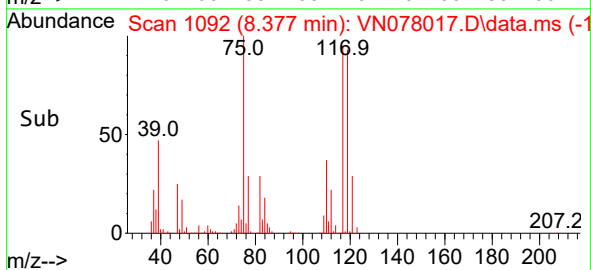
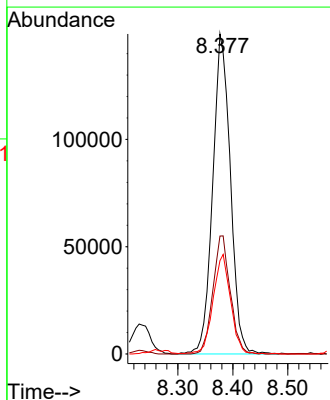
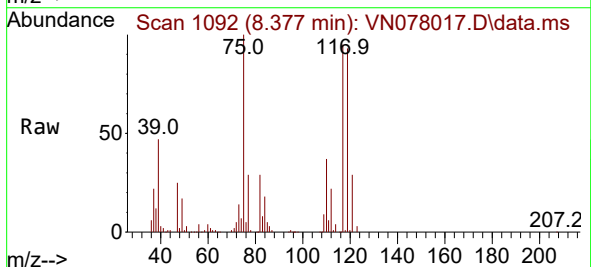
Manual Integrations
APPROVED

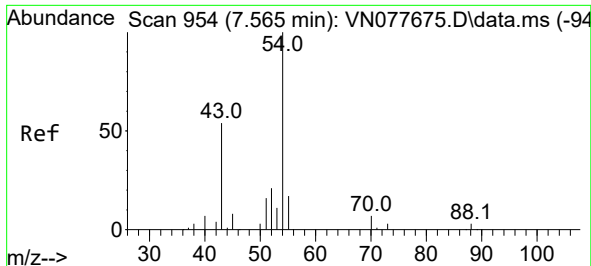
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#36
1,1-Dichloropropene
Concen: 52.430 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.001 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

Tgt Ion: 75 Resp: 333712
Ion Ratio Lower Upper
75 100
110 36.1 19.1 57.3
77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 52.938 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078017.D

Acq: 01 Jun 2023 18:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 30032

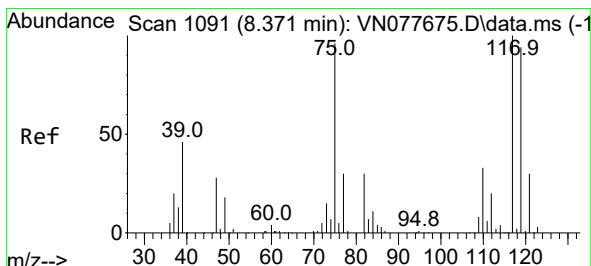
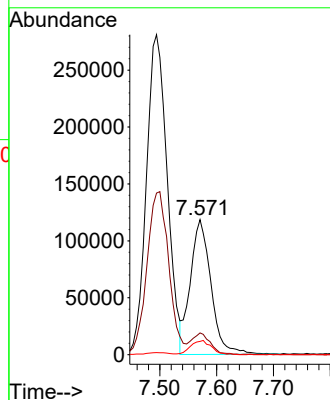
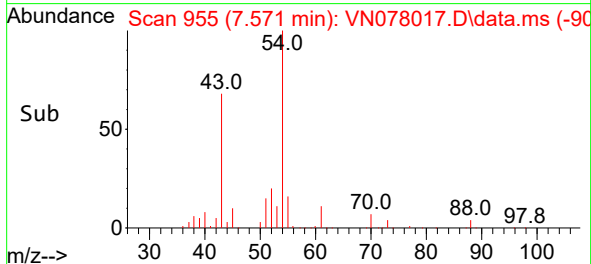
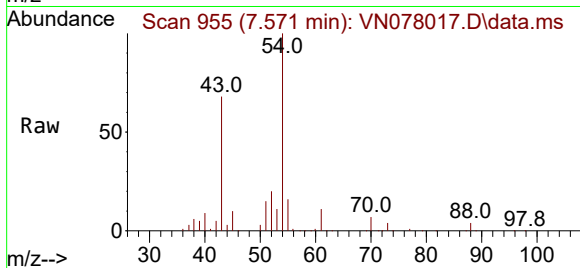
Ion	Ratio	Lower	Upper
43	100		
61	14.2	13.2	19.8
70	10.7	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#38

Carbon Tetrachloride

Concen: 56.533 ug/l

RT: 8.371 min Scan# 1091

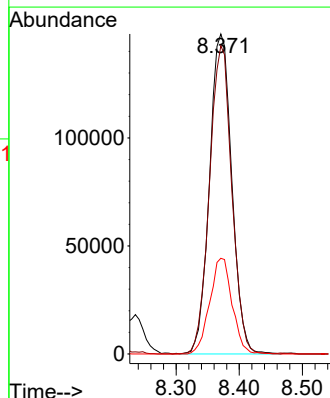
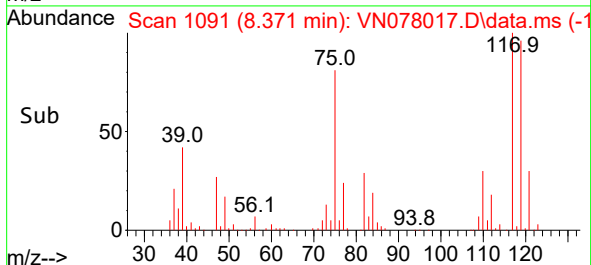
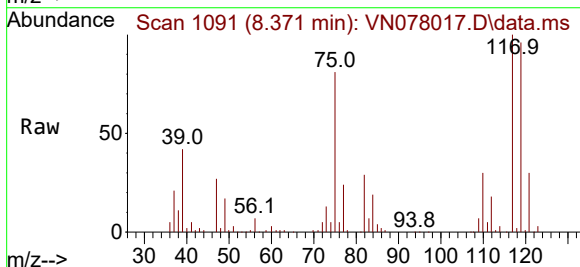
Delta R.T. -0.000 min

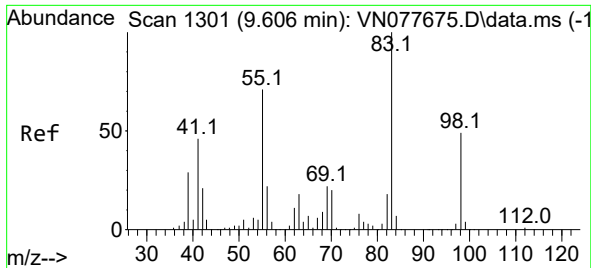
Lab File: VN078017.D

Acq: 01 Jun 2023 18:26

Tgt Ion:117 Resp: 363350

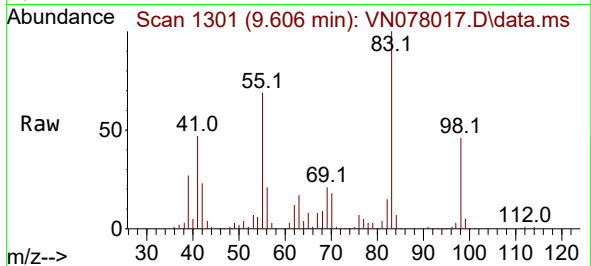
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.3	115.9
121	29.9	23.3	34.9





#39
Methylcyclohexane
Concen: 40.346 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

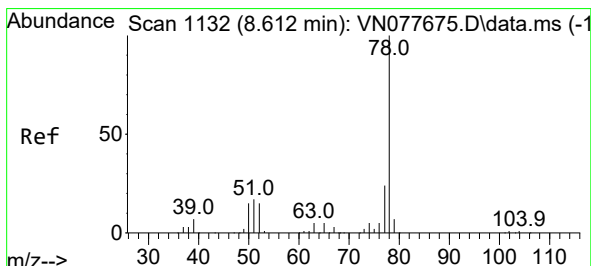
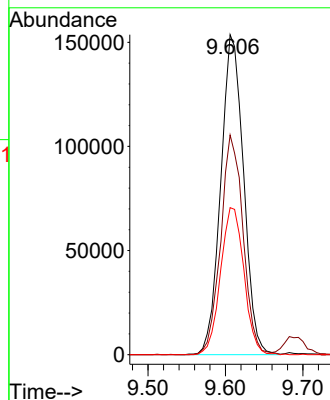
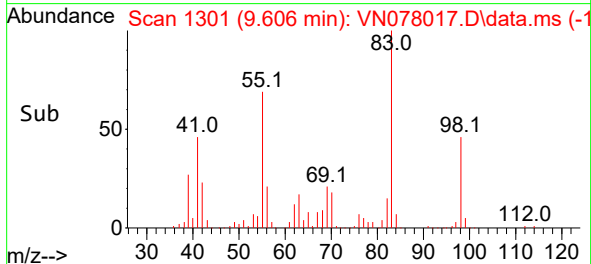
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 31438
Ion Ratio Lower Upper
83 100
55 68.6 49.1 73.7
98 46.0 40.6 61.0

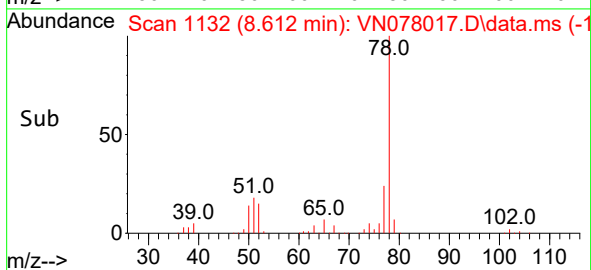
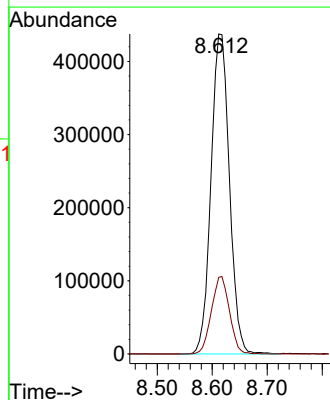
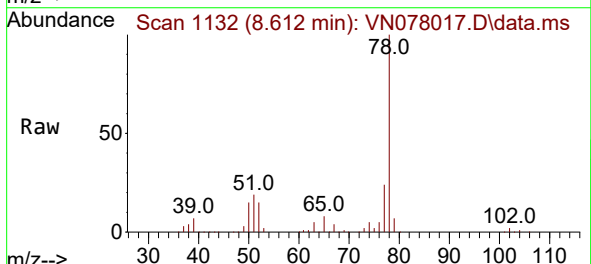
Manual Integrations
APPROVED

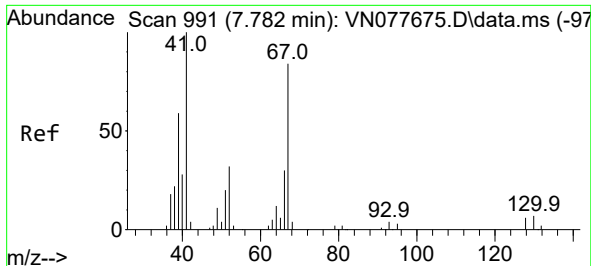
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#40
Benzene
Concen: 54.187 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

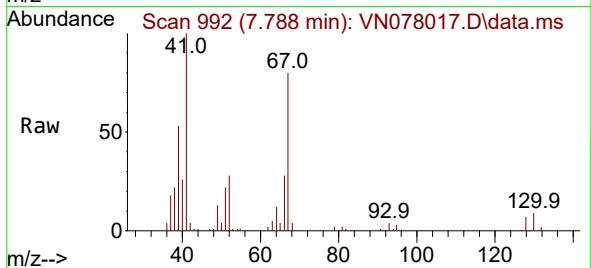
Tgt Ion: 78 Resp: 1017769
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 54.250 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

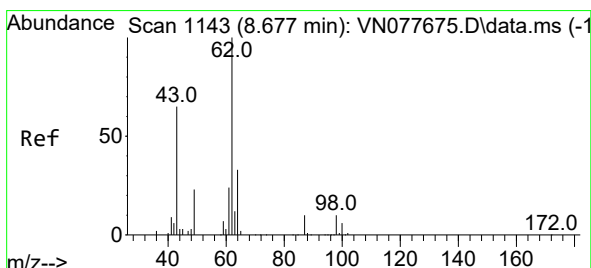
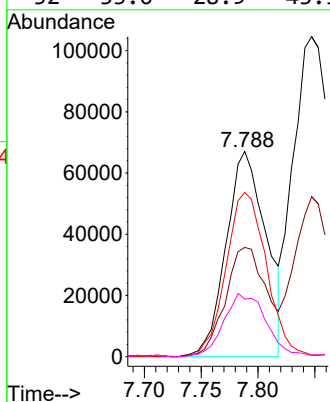
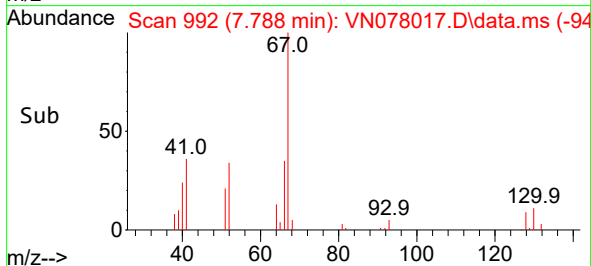
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 16390
Ion Ratio Lower Upper
41 100
39 55.1 42.6 64.0
67 81.0 77.5 116.3
52 33.0 28.9 43.3

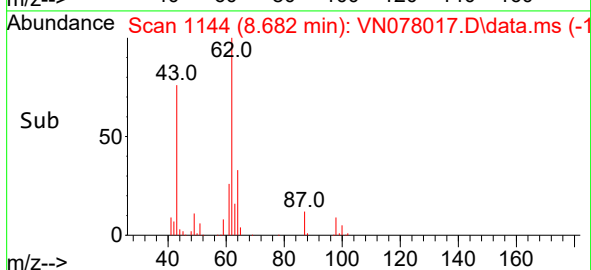
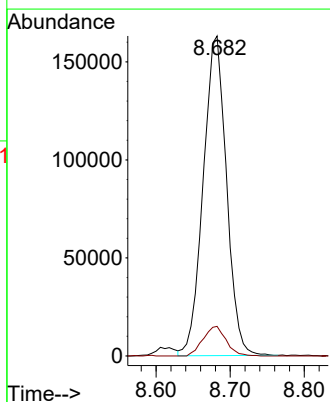
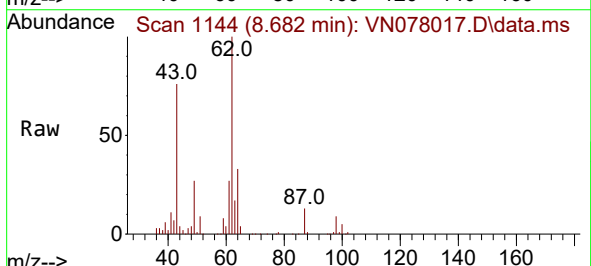
Manual Integrations
APPROVED

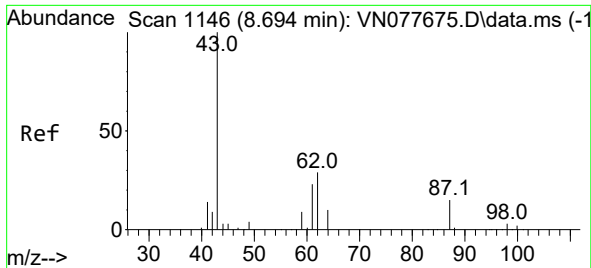
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#42
1,2-Dichloroethane
Concen: 52.151 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

Tgt Ion: 62 Resp: 355821
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





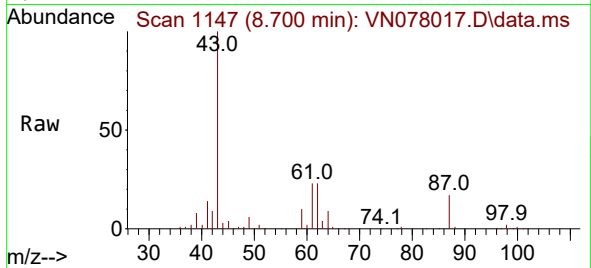
#43
Isopropyl Acetate
Concen: 53.933 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



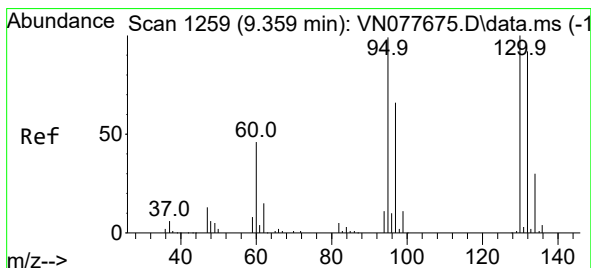
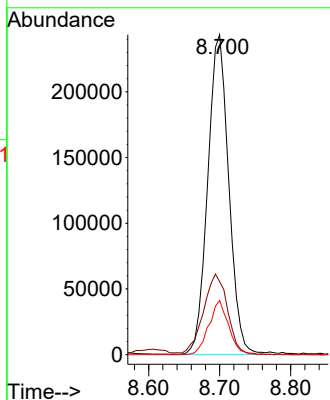
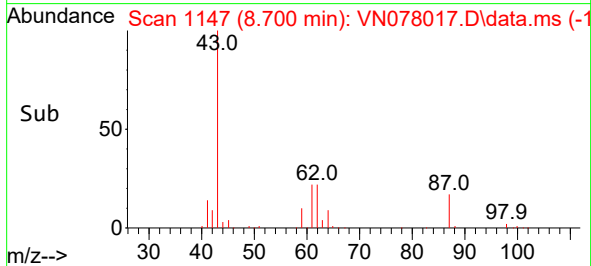
Tgt Ion: 43 Resp: 499768
Ion Ratio Lower Upper
43 100
61 29.2 24.7 37.1
87 16.0 14.6 21.8

Manual Integrations

APPROVED

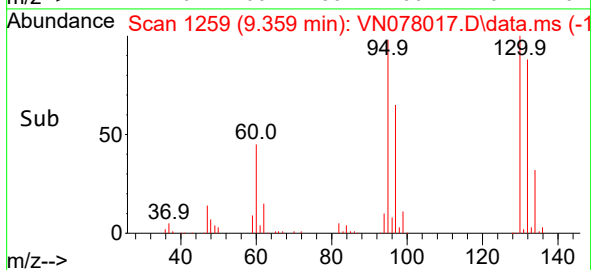
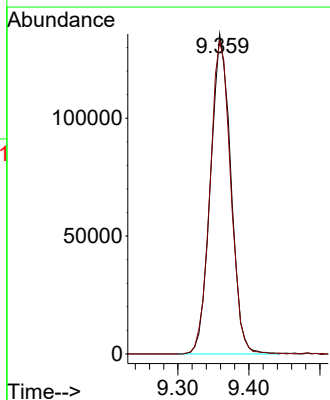
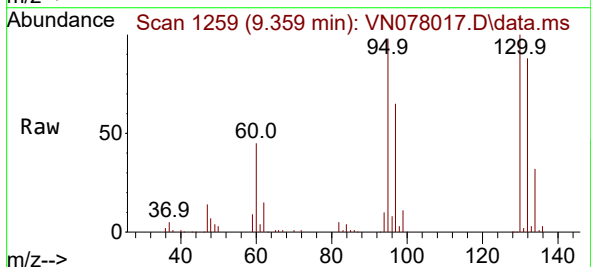
Reviewed By :John Carlone 06/02/2023

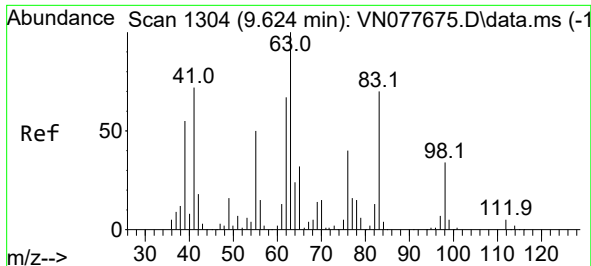
Supervised By :Semsettin Yesilyurt 06/02/2023



#44
Trichloroethene
Concen: 56.500 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

Tgt Ion:130 Resp: 268707
Ion Ratio Lower Upper
130 100
95 97.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 54.590 ug/l

RT: 9.629 min Scan# 1304

Delta R.T. 0.005 min

Lab File: VN078017.D

Acq: 01 Jun 2023 18:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 261530

Ion Ratio Lower Upper

63 100

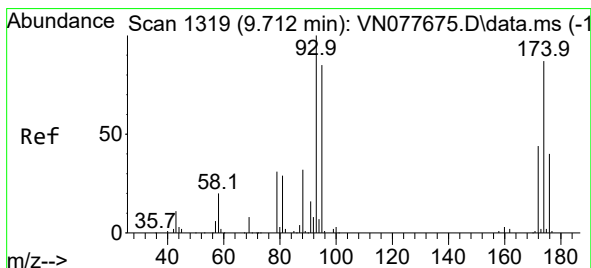
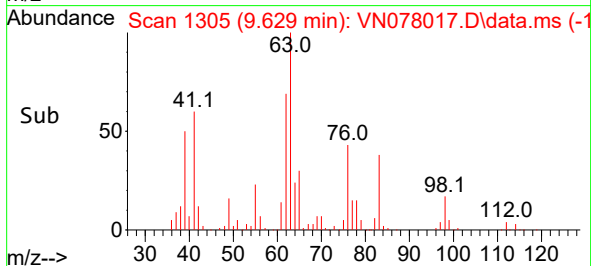
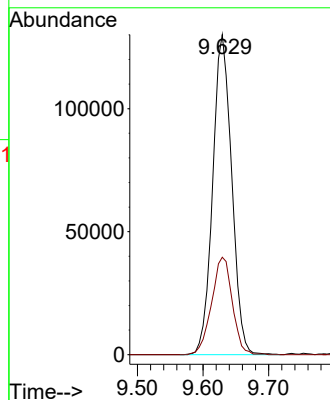
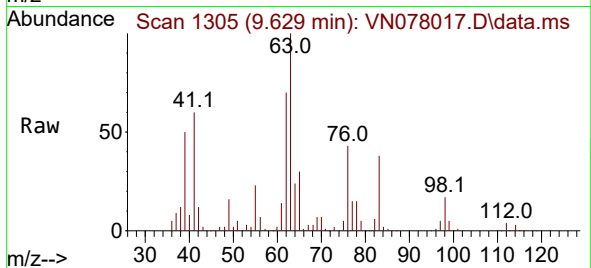
65 30.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#46

Dibromomethane

Concen: 54.294 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078017.D

Acq: 01 Jun 2023 18:26

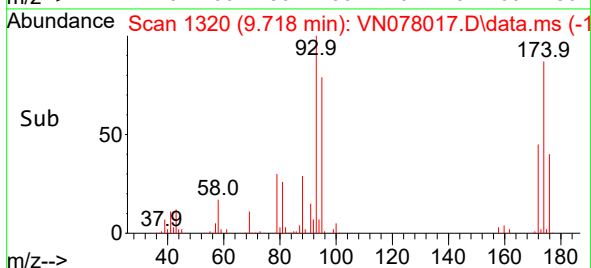
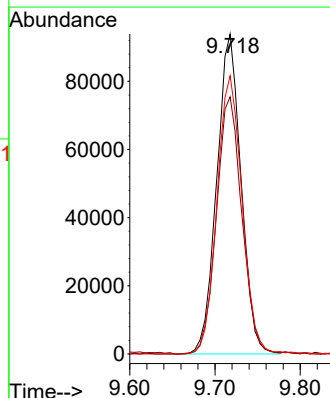
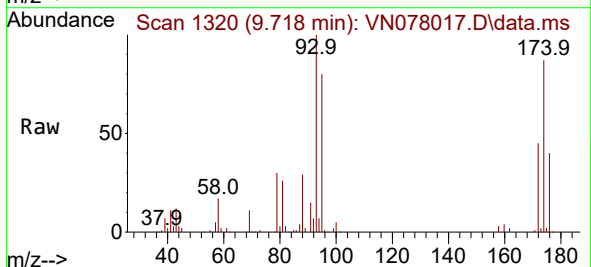
Tgt Ion: 93 Resp: 186130

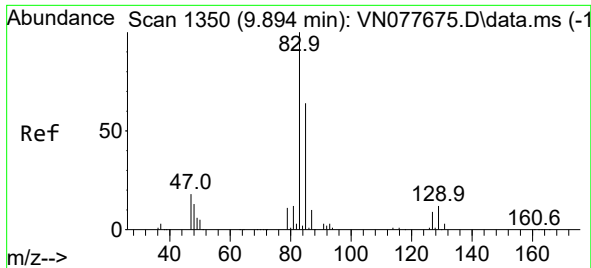
Ion Ratio Lower Upper

93 100

95 83.7 63.8 95.8

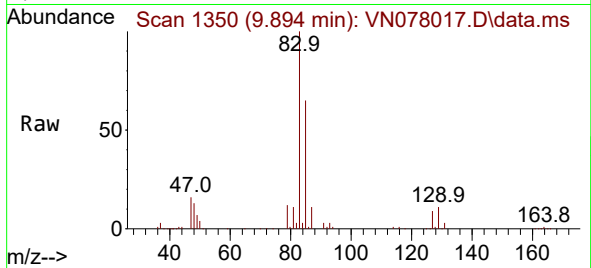
174 89.9 65.6 98.4





#47
Bromodichloromethane
Concen: 56.814 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

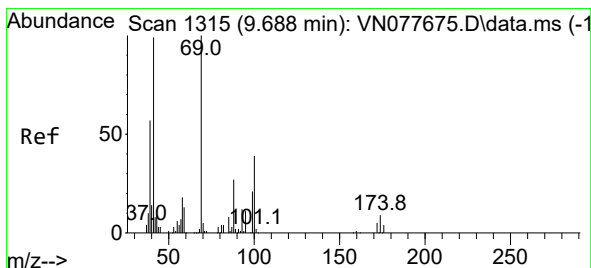
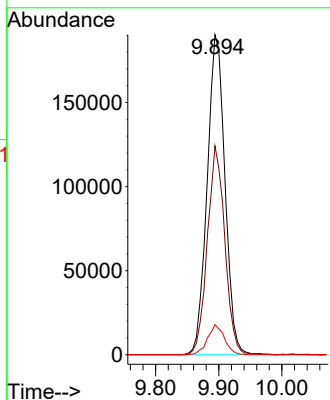
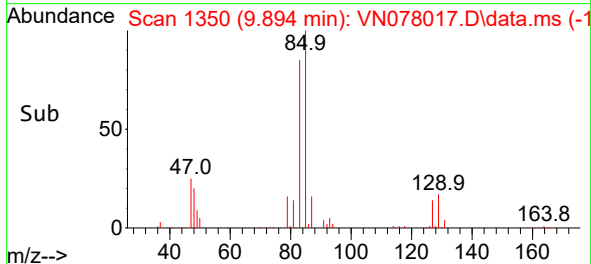
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 37288
Ion Ratio Lower Upper
83 100
85 65.2 49.6 74.4
127 9.4 7.0 10.6

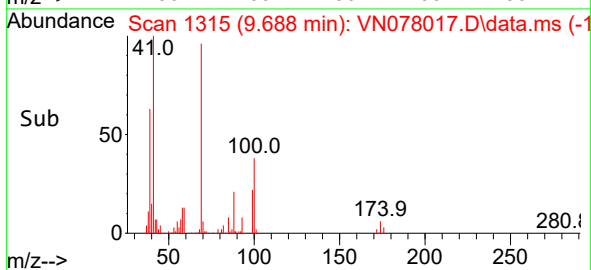
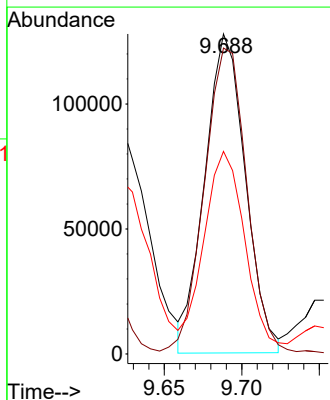
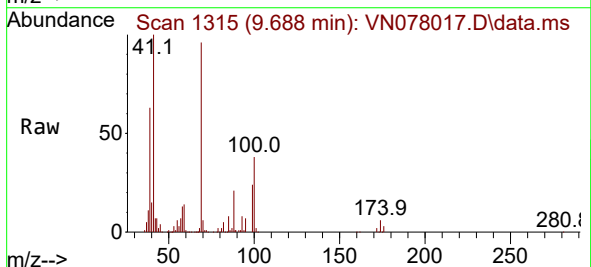
Manual Integrations
APPROVED

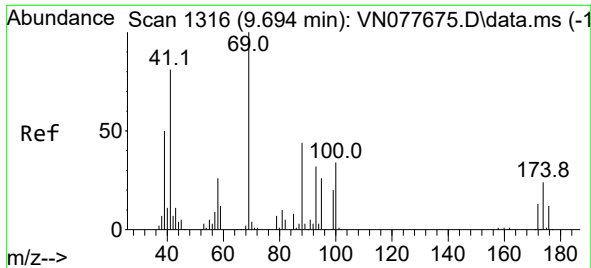
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#48
Methyl methacrylate
Concen: 52.846 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

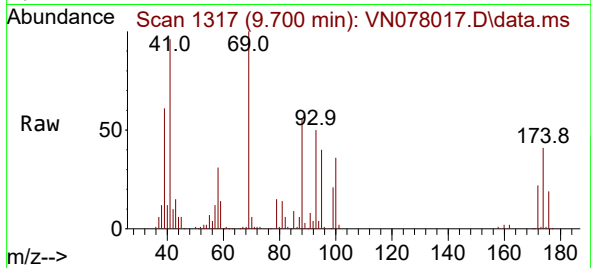
Tgt Ion: 41 Resp: 232173
Ion Ratio Lower Upper
41 100
69 100.2 90.4 135.6
39 65.2 54.6 81.8





#49
1,4-Dioxane
Concen: 1235.507 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

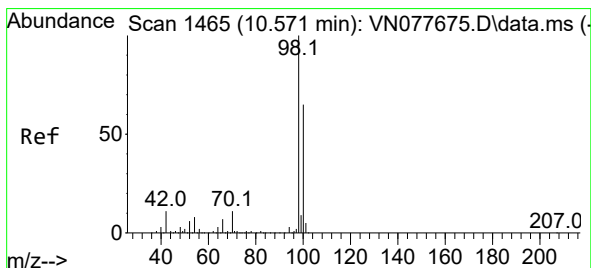
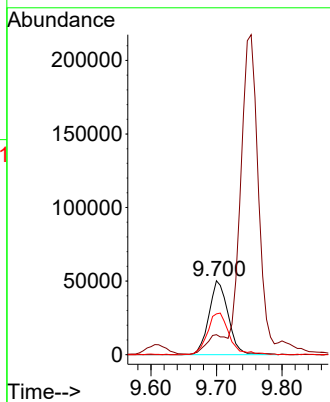
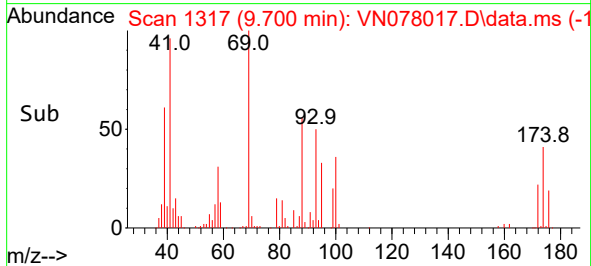
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 10252
Ion Ratio Lower Upper
88 100
43 20.1 17.0 25.6
58 63.6 47.0 70.4

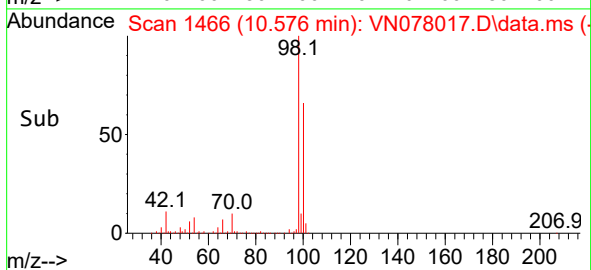
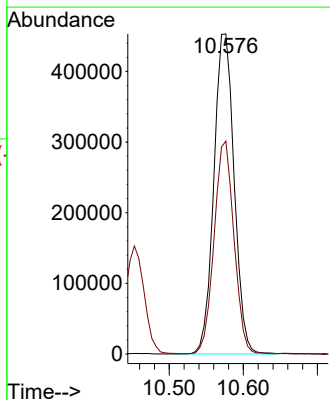
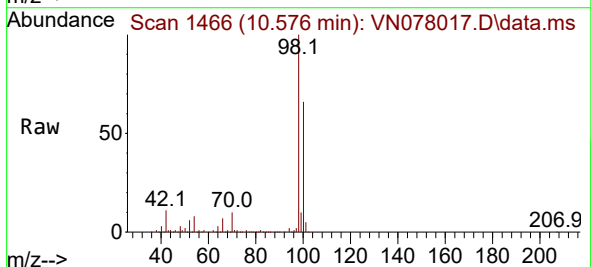
Manual Integrations
APPROVED

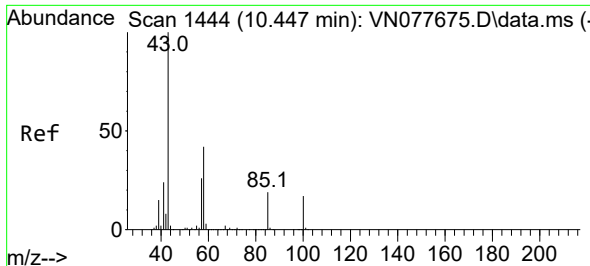
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#50
Toluene-d8
Concen: 51.557 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

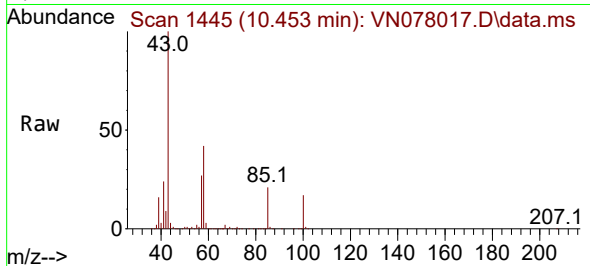
Tgt Ion: 98 Resp: 863553
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 285.227 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

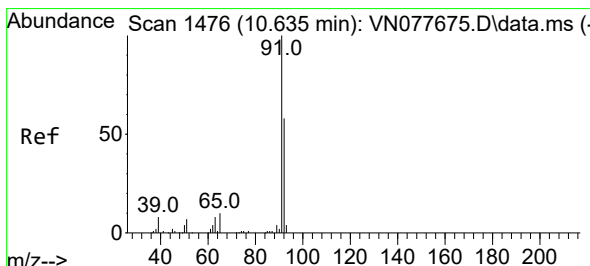
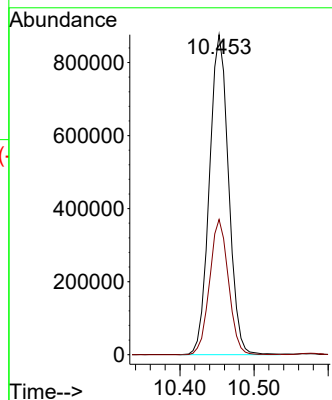
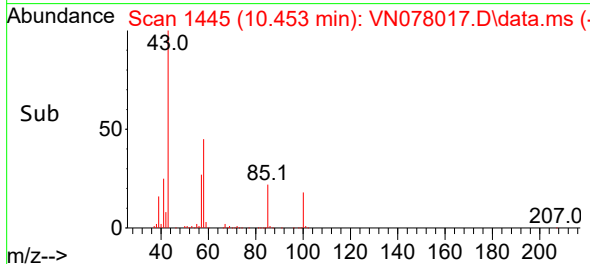
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



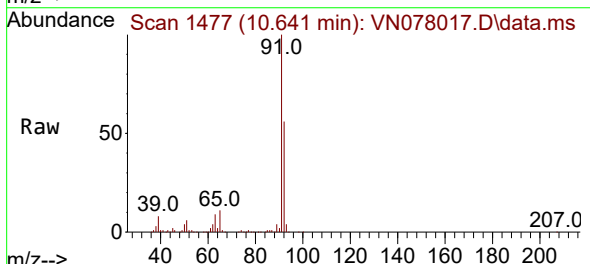
Tgt Ion: 43 Resp: 157104
Ion Ratio Lower Upper
43 100
58 41.6 36.6 54.8

Manual Integrations
APPROVED

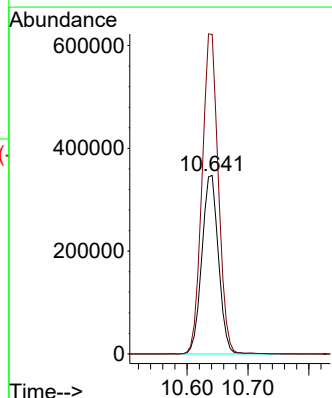
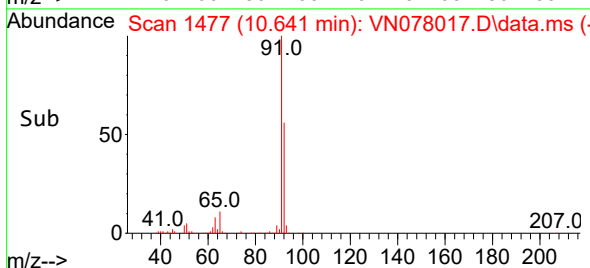
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

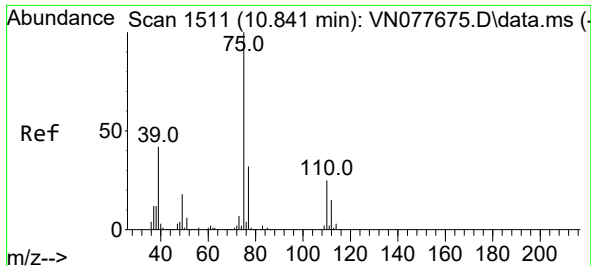


#52
Toluene
Concen: 56.318 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26



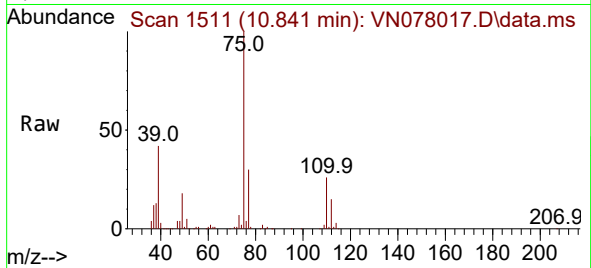
Tgt Ion: 92 Resp: 658534
Ion Ratio Lower Upper
92 100
91 176.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 56.213 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

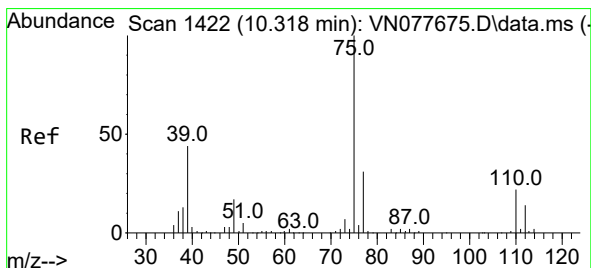
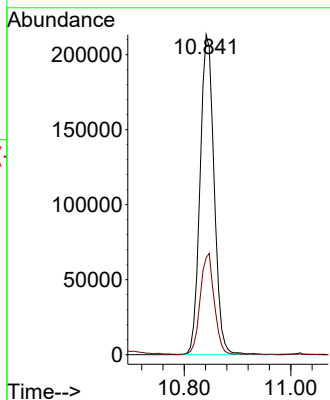
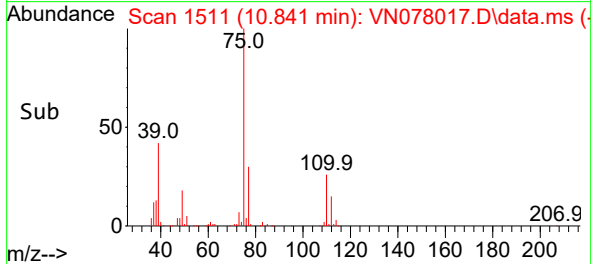
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 39069
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.0

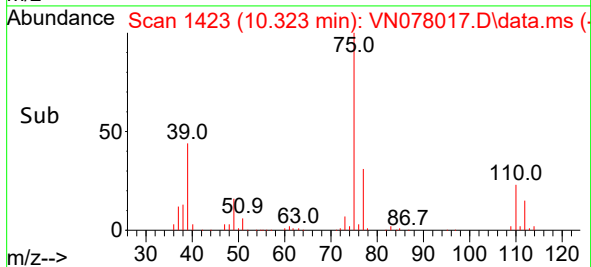
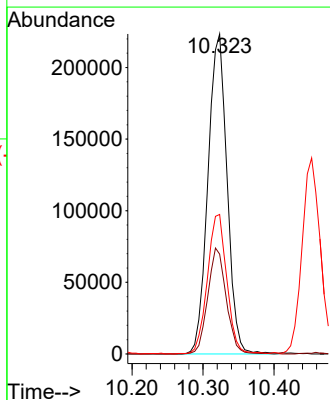
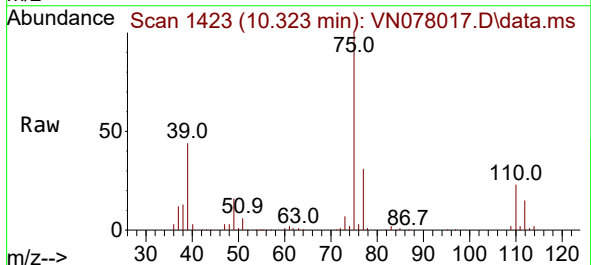
Manual Integrations
APPROVED

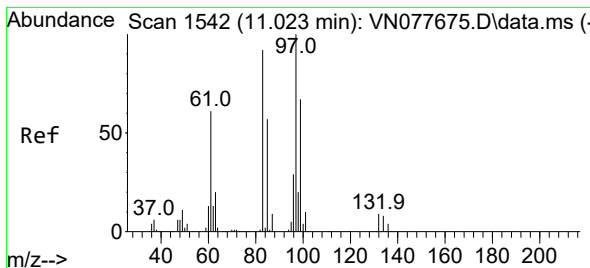
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#54
cis-1,3-Dichloropropene
Concen: 54.523 ug/l
RT: 10.323 min Scan# 1423
Delta R.T. 0.005 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

Tgt Ion: 75 Resp: 417609
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1
39 43.5 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 56.650 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. 0.000 min

Lab File: VN078017.D

Acq: 01 Jun 2023 18:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 263010

Ion Ratio Lower Upper

97 100

83 83.7 65.1 97.7

85 52.1 43.4 65.2

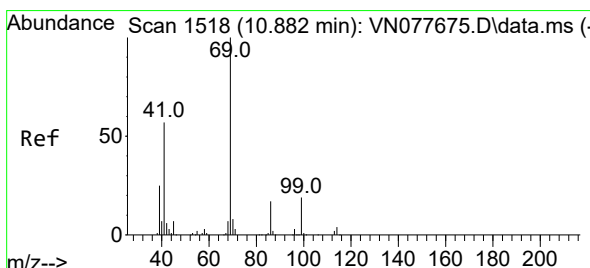
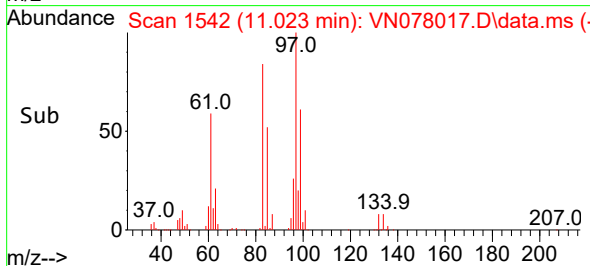
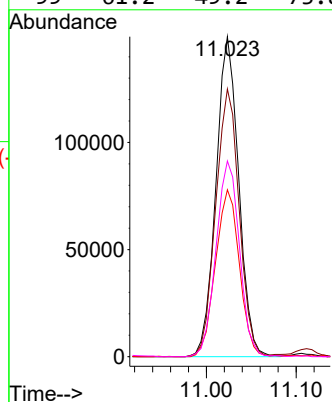
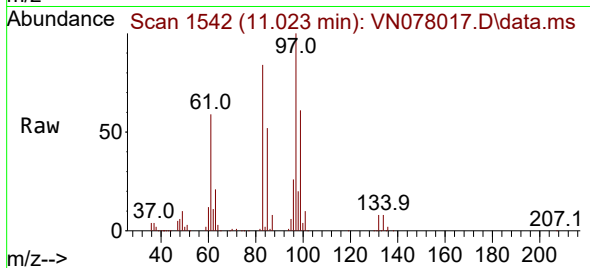
99 61.2 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#56

Ethyl methacrylate

Concen: 56.060 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078017.D

Acq: 01 Jun 2023 18:26

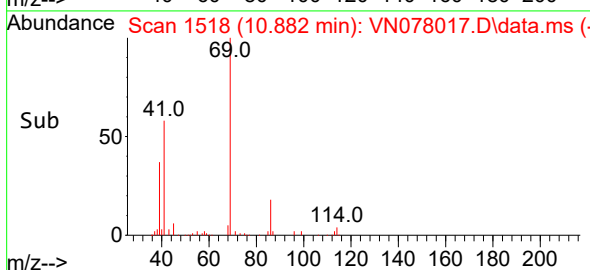
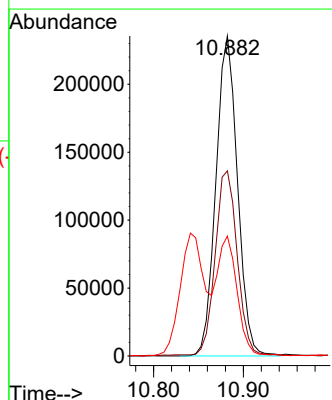
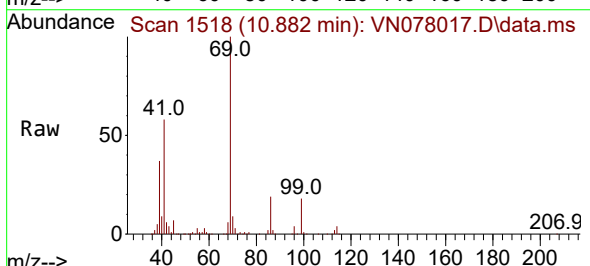
Tgt Ion: 69 Resp: 393537

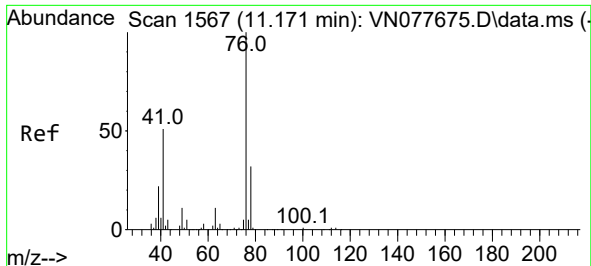
Ion Ratio Lower Upper

69 100

41 59.4 39.6 59.4#

39 33.8 28.6 43.0





#57

1,3-Dichloropropane

Concen: 55.316 ug/l

RT: 11.170 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078017.D

Acq: 01 Jun 2023 18:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 44027

Ion Ratio Lower Upper

76 100

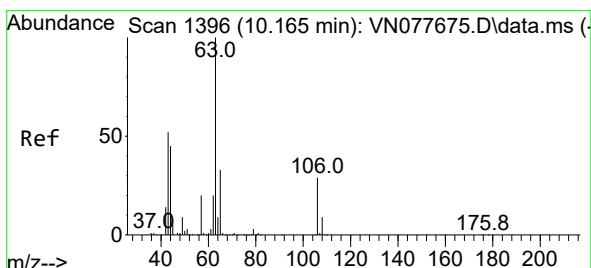
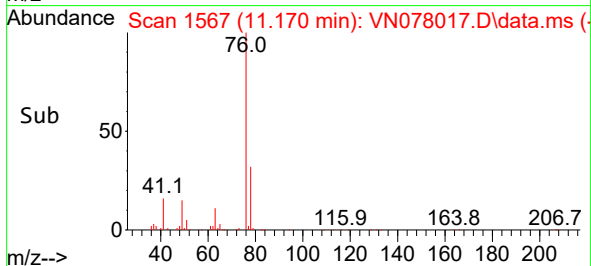
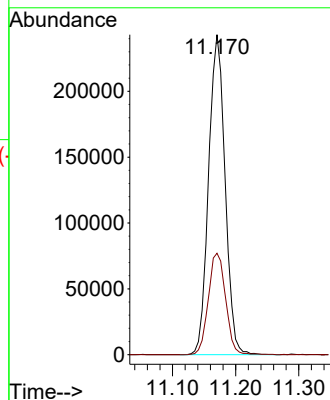
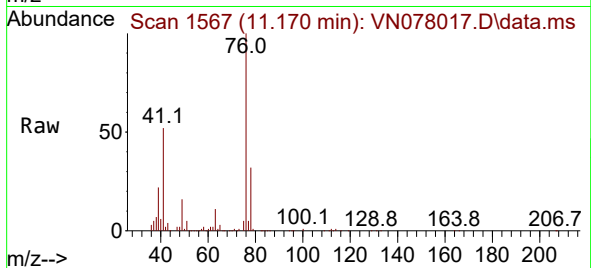
78 33.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#58

2-Chloroethyl Vinyl ether

Concen: 205.065 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN078017.D

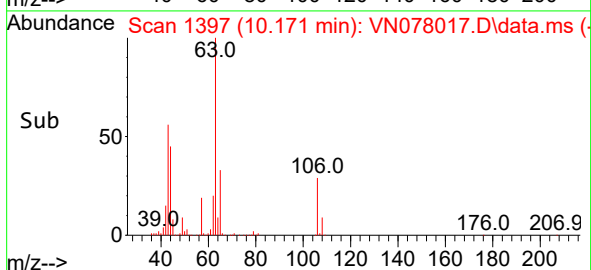
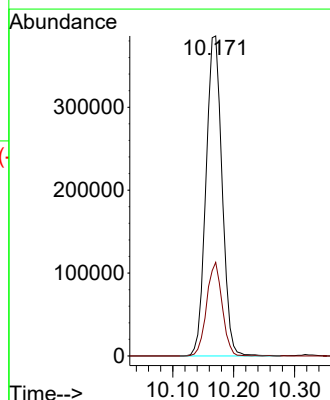
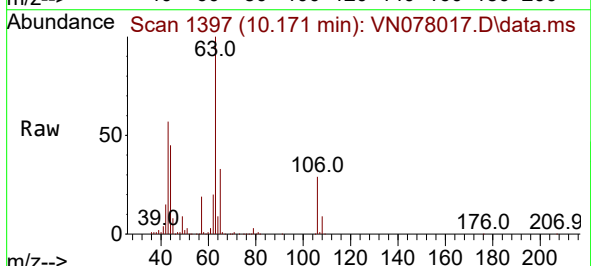
Acq: 01 Jun 2023 18:26

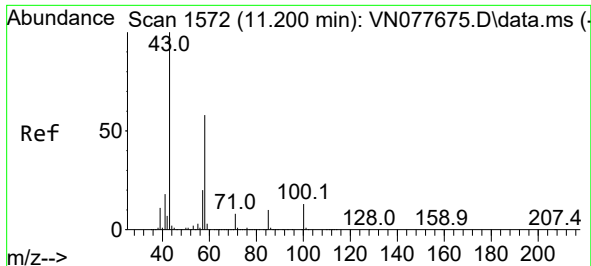
Tgt Ion: 63 Resp: 708202

Ion Ratio Lower Upper

63 100

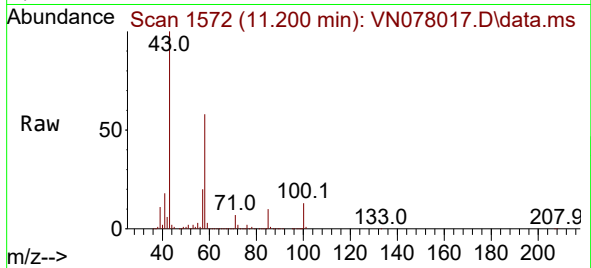
106 28.2 26.2 39.4





#59
2-Hexanone
Concen: 275.710 ug/l
RT: 11.200 min Scan# 1123264
Delta R.T. -0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

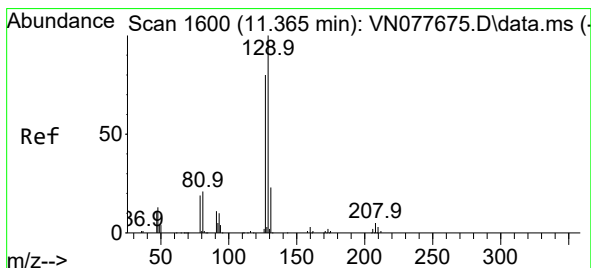
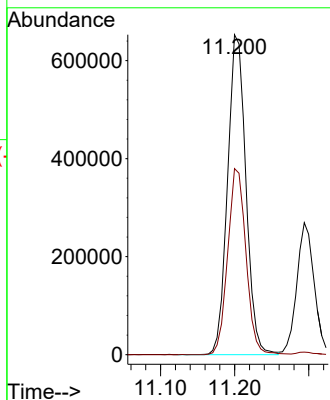
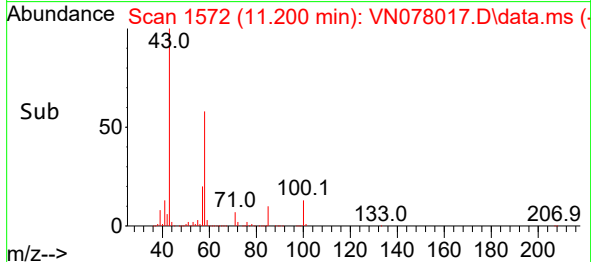
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1123264
Ion Ratio Lower Upper
43 100
58 58.1 31.7 95.1

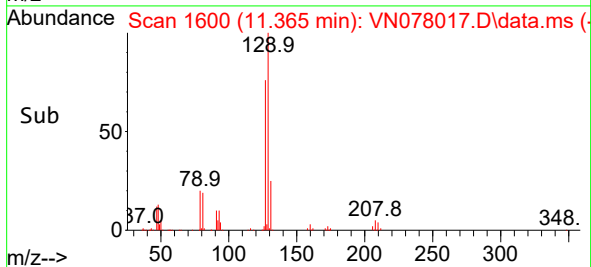
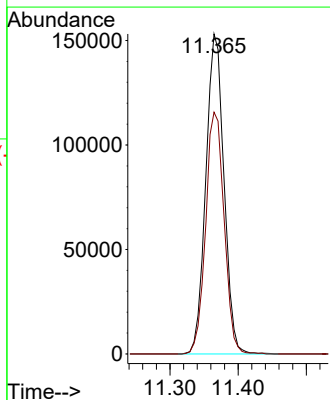
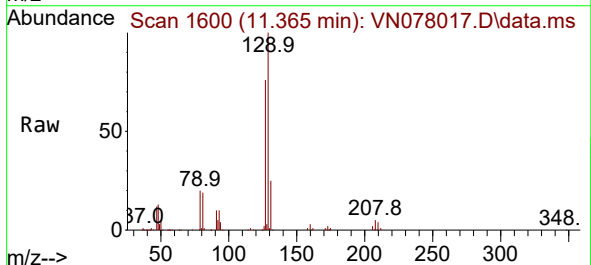
Manual Integrations
APPROVED

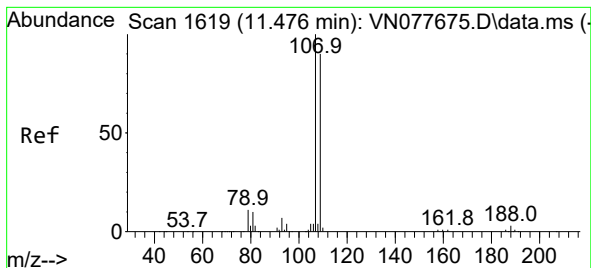
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#60
Dibromochloromethane
Concen: 59.174 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

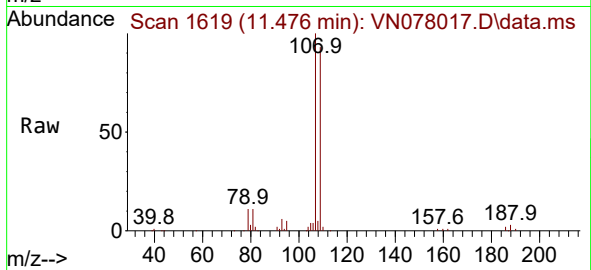
Tgt Ion:129 Resp: 283621
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 59.107 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

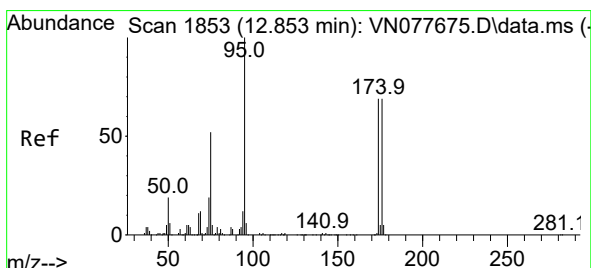
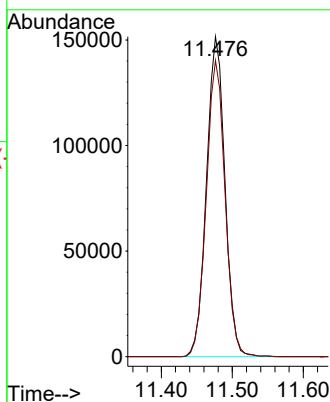
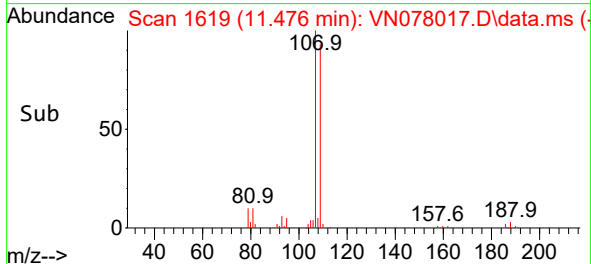
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



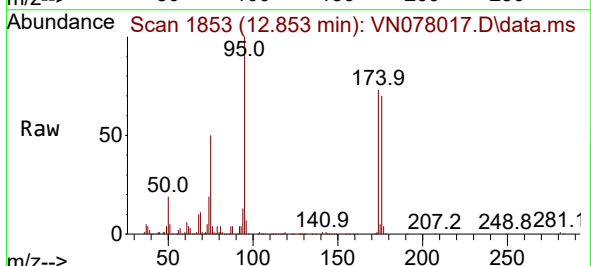
Tgt Ion:107 Resp: 27377
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8

Manual Integrations
APPROVED

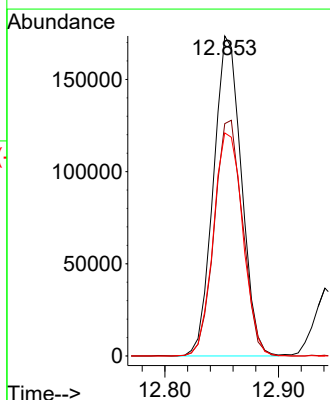
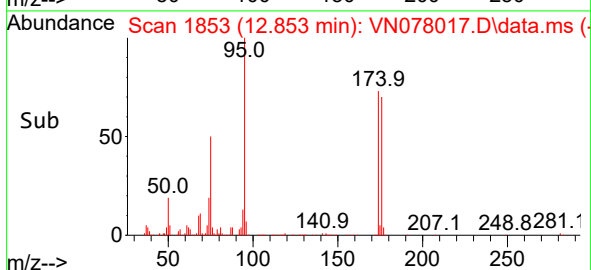
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

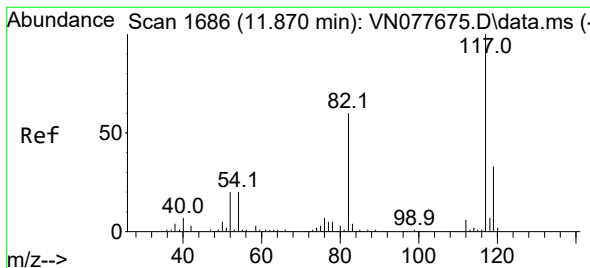


#62
4-Bromofluorobenzene
Concen: 50.189 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26



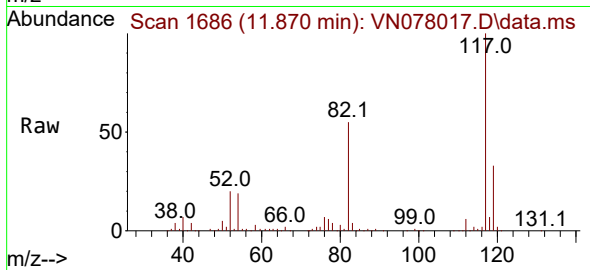
Tgt Ion: 95 Resp: 296900
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 73.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

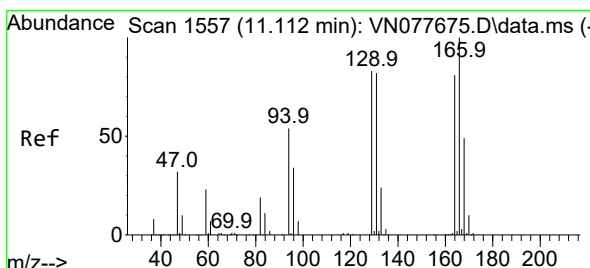
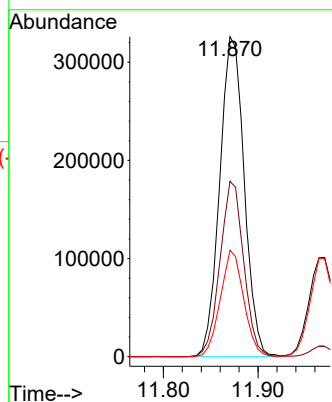
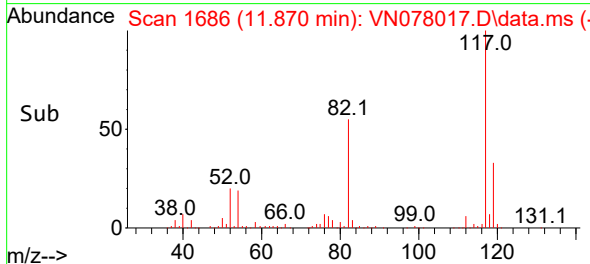
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



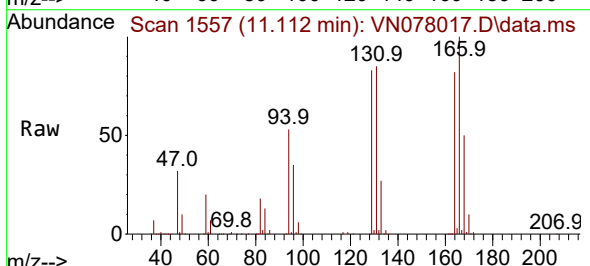
Tgt Ion:117 Resp: 587240
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 33.3 25.6 38.4

Manual Integrations
APPROVED

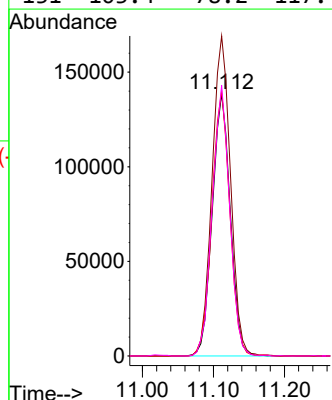
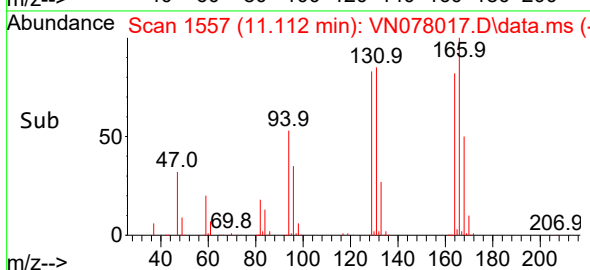
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

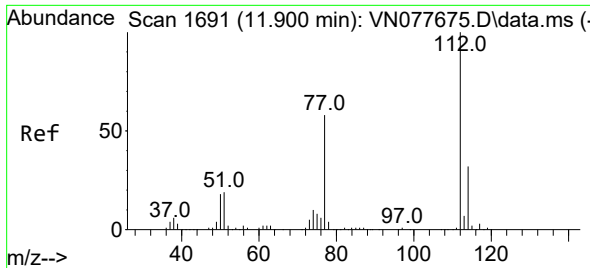


#64
Tetrachloroethene
Concen: 59.347 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26



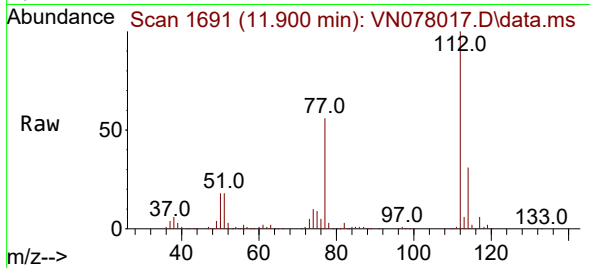
Tgt Ion:164 Resp: 243720
Ion Ratio Lower Upper
164 100
166 122.2 101.4 152.0
129 101.3 82.4 123.6
131 103.4 78.2 117.4





#65
Chlorobenzene
Concen: 55.347 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

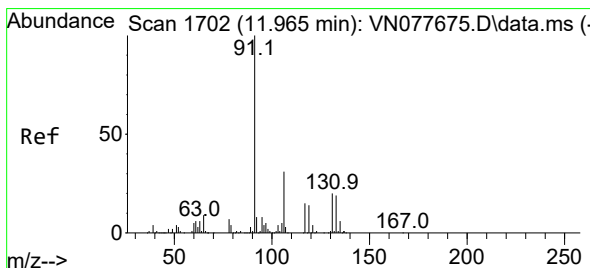
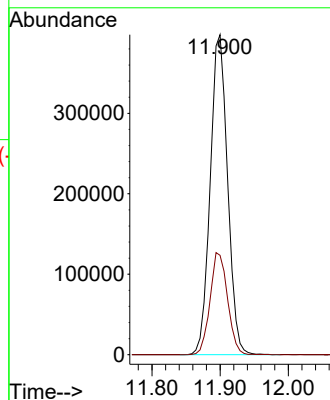
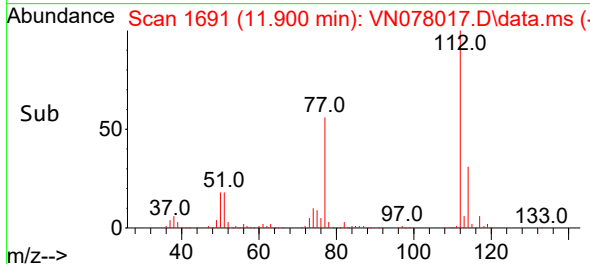
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



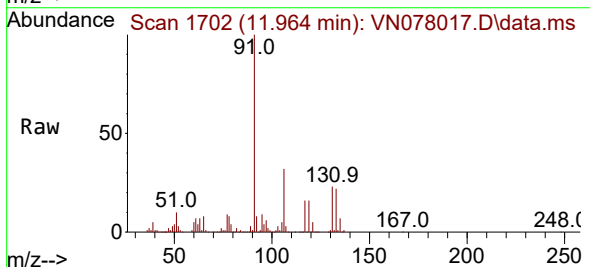
Tgt Ion:112 Resp: 70460
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4

Manual Integrations
APPROVED

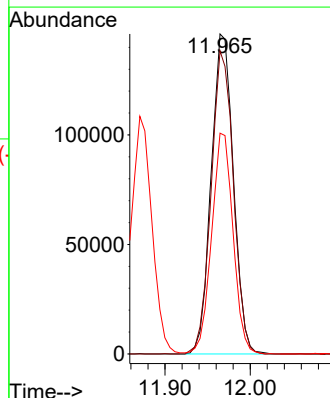
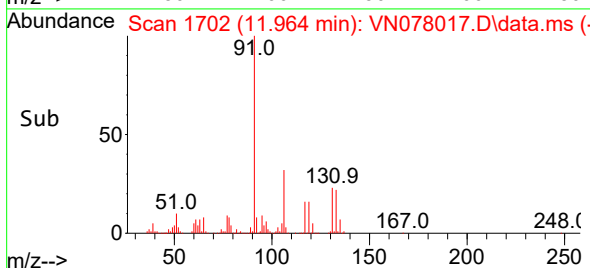
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

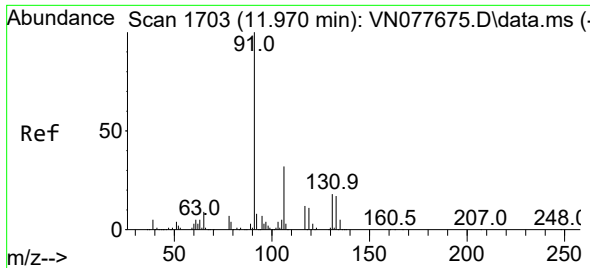


#66
1,1,1,2-Tetrachloroethane
Concen: 59.988 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26



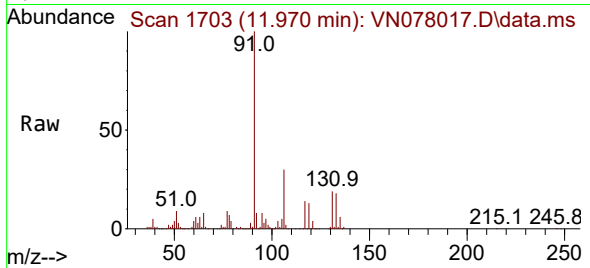
Tgt Ion:131 Resp: 264245
Ion Ratio Lower Upper
131 100
133 95.0 46.4 139.1
119 66.7 34.1 102.2





#67
Ethyl Benzene
Concen: 54.732 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

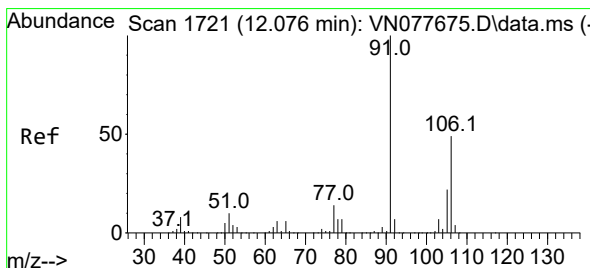
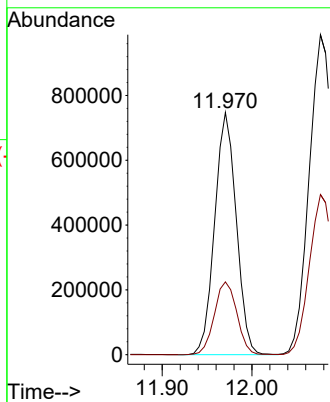
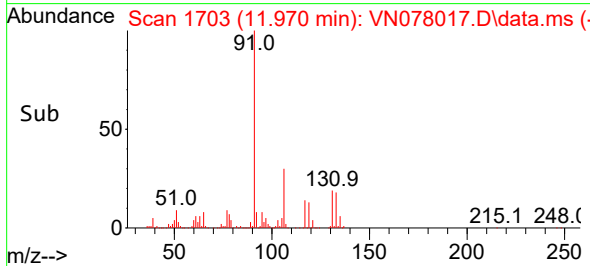
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1248660
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

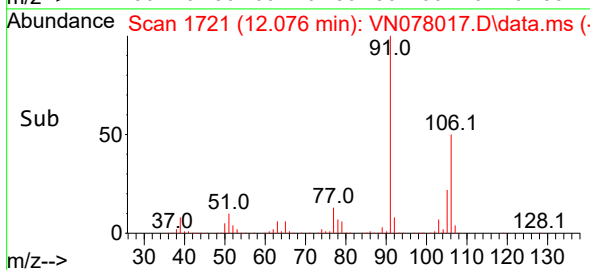
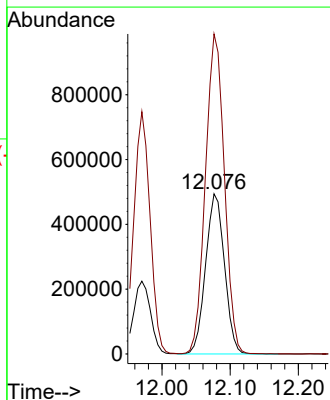
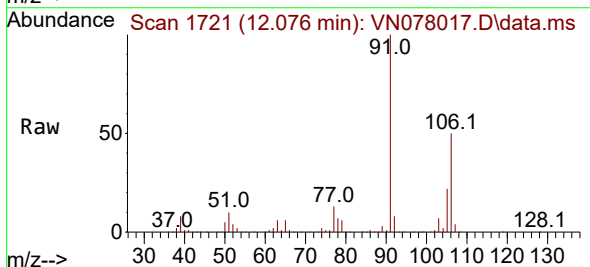
Manual Integrations
APPROVED

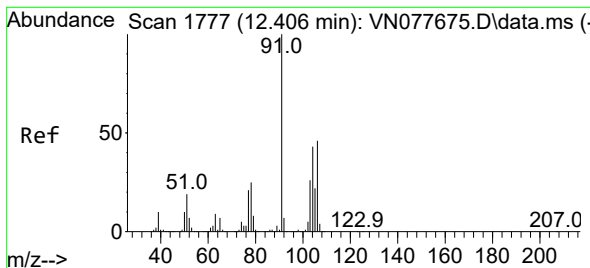
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#68
m/p-Xylenes
Concen: 110.086 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

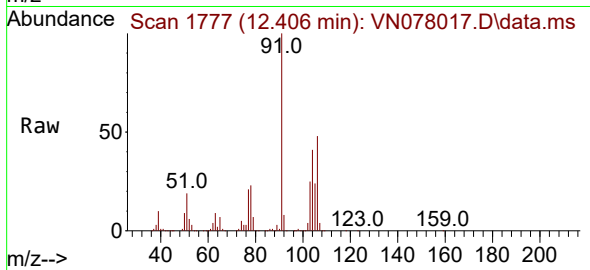
Tgt Ion:106 Resp: 951630
Ion Ratio Lower Upper
106 100
91 200.7 159.6 239.4





#69
o-Xylene
Concen: 55.891 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

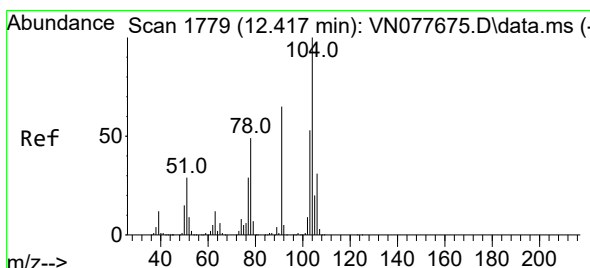
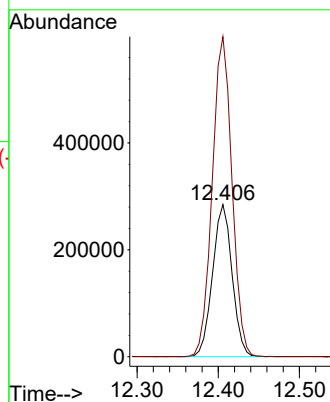
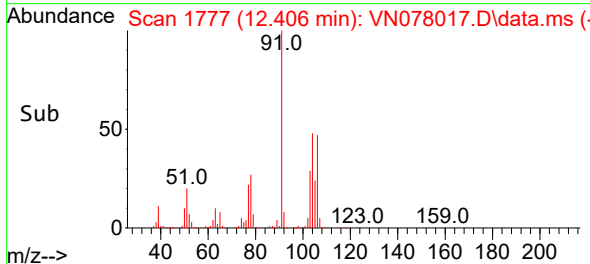
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 47514
Ion Ratio Lower Upper
106 100
91 212.7 105.2 315.5

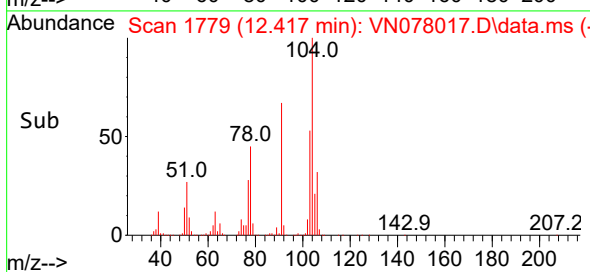
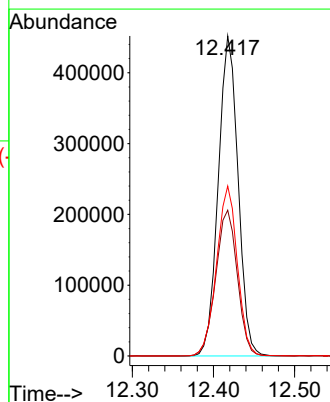
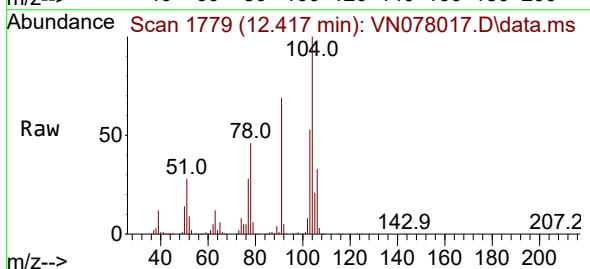
Manual Integrations
APPROVED

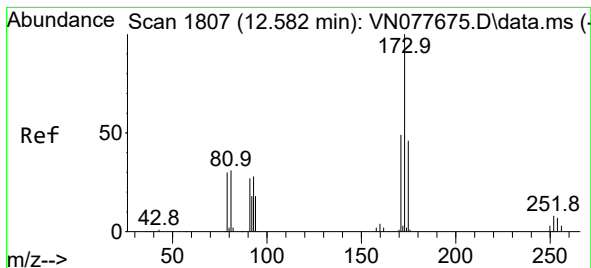
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#70
Styrene
Concen: 56.748 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

Tgt Ion:104 Resp: 766373
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 55.9 43.2 64.8





#71

Bromoform

Concen: 62.381 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078017.D

Acq: 01 Jun 2023 18:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 182798

Ion Ratio Lower Upper

173 100

175 48.4 24.3 73.0

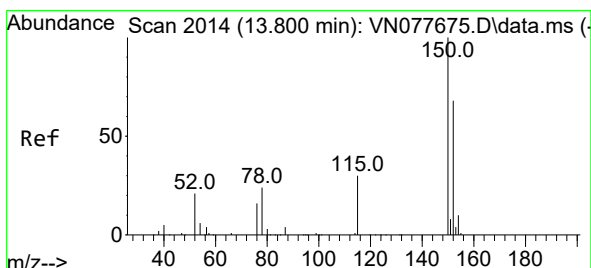
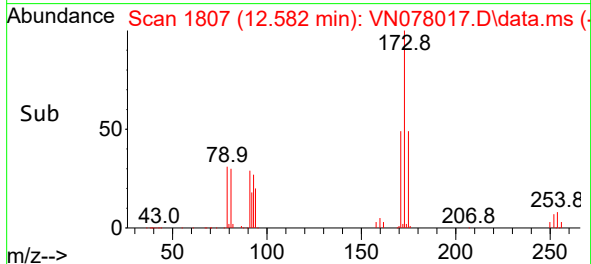
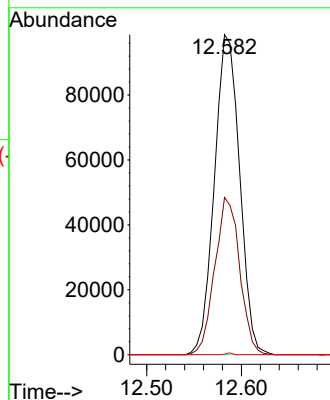
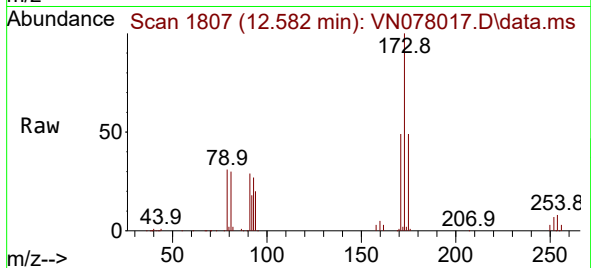
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078017.D

Acq: 01 Jun 2023 18:26

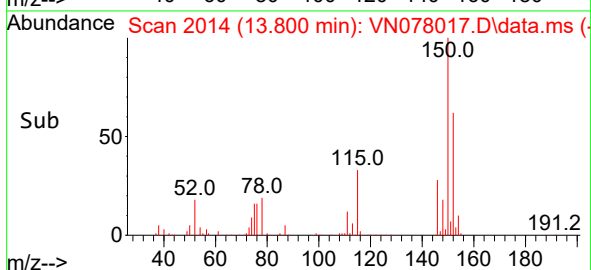
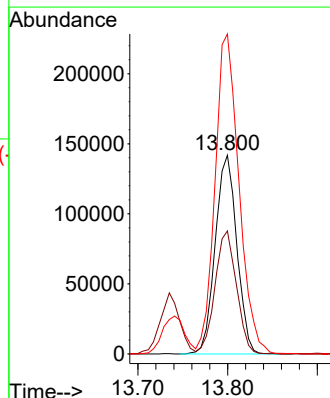
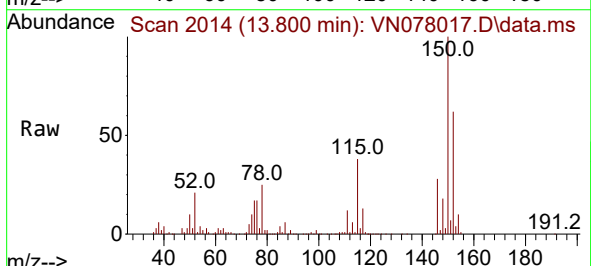
Tgt Ion:152 Resp: 237050

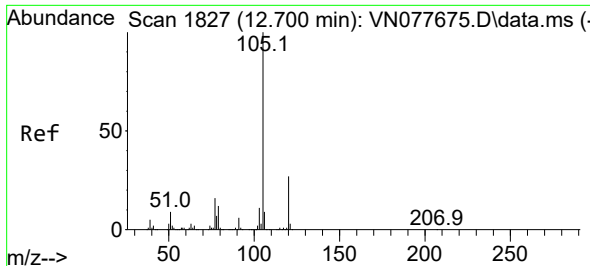
Ion Ratio Lower Upper

152 100

115 61.6 32.3 96.8

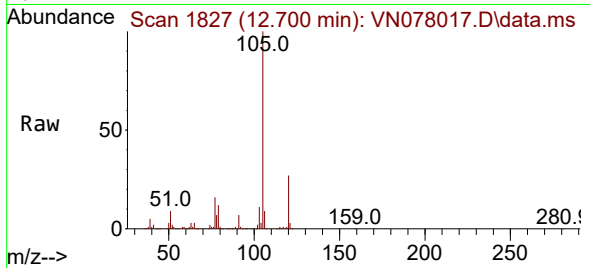
150 178.0 0.0 355.8





#73
Isopropylbenzene
Concen: 57.079 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

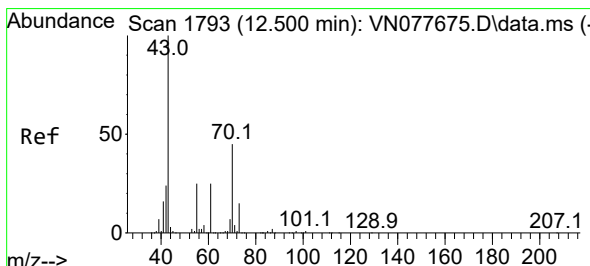
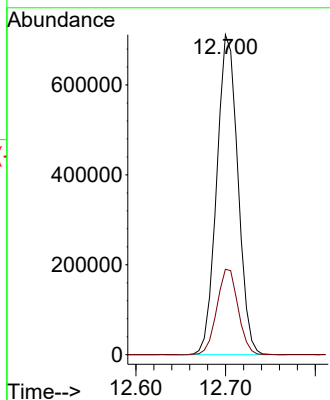
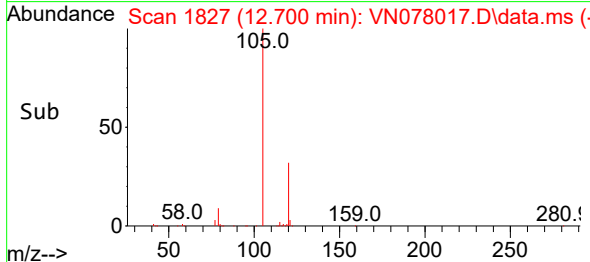
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



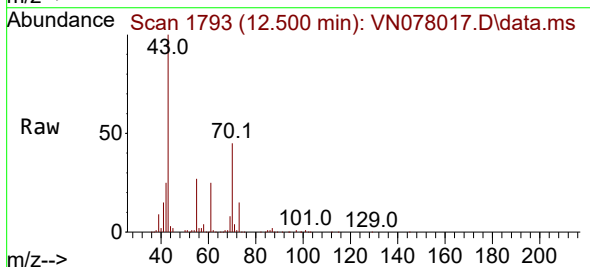
Tgt Ion:105 Resp: 116634
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

Manual Integrations
APPROVED

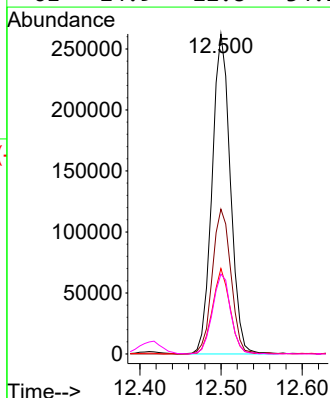
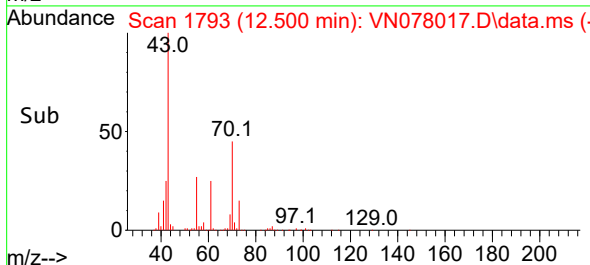
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

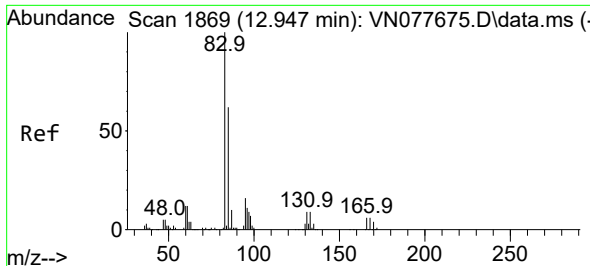


#74
N-ethyl acetate
Concen: 54.445 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26



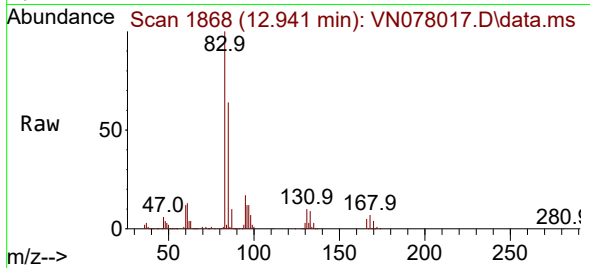
Tgt Ion: 43 Resp: 411219
Ion Ratio Lower Upper
43 100
70 46.3 43.4 65.2
55 25.6 21.4 32.0
61 24.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 58.845 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

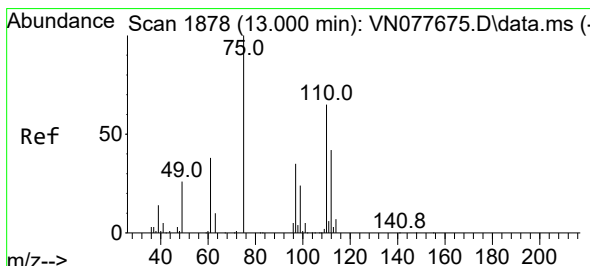
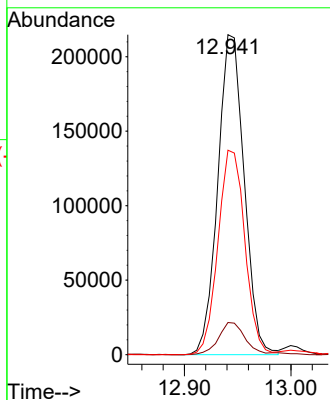
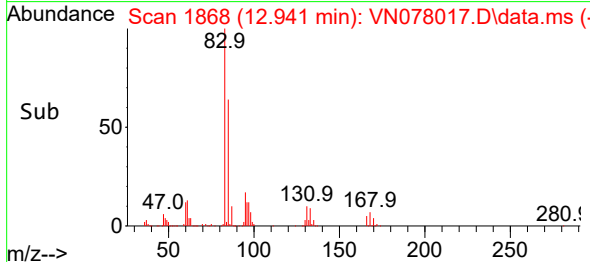
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 36991
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 64.9 31.9 95.7

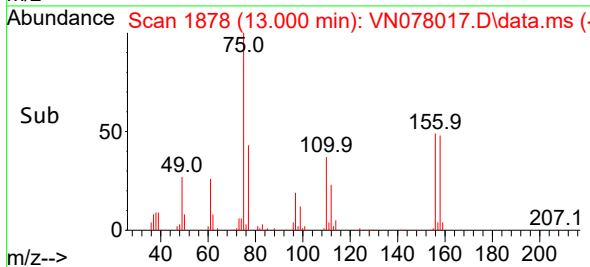
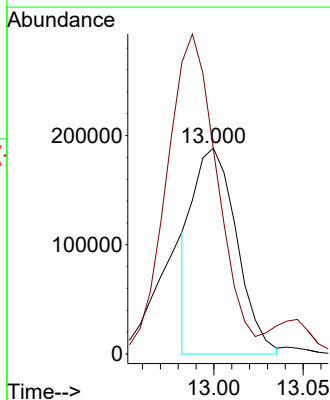
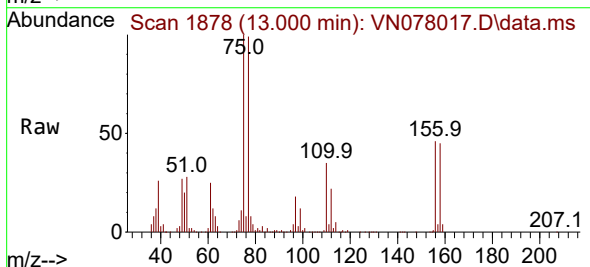
Manual Integrations
APPROVED

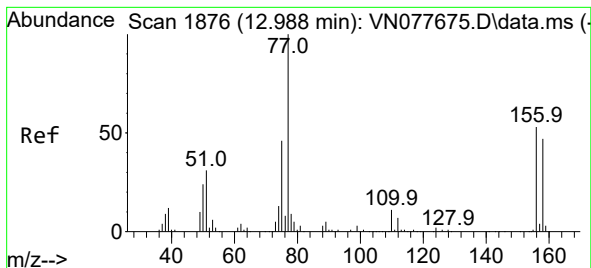
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#76
1,2,3-Trichloropropane
Concen: 53.936 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

Tgt Ion: 75 Resp: 320194
Ion Ratio Lower Upper
75 100
77 180.9 84.5 253.5





#77

Bromobenzene

Concen: 58.000 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VN078017.D

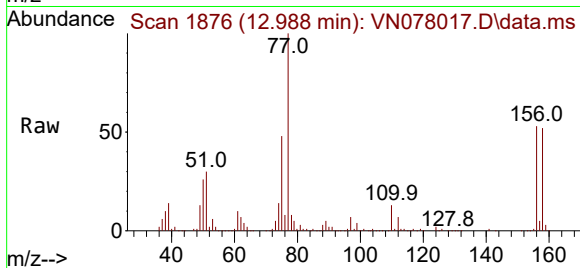
Acq: 01 Jun 2023 18:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:156 Resp: 270460

Ion Ratio Lower Upper

156 100

77 214.2 107.7 323.3

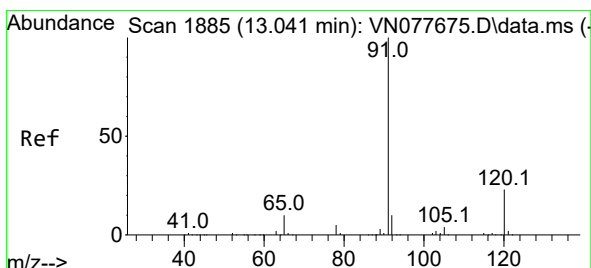
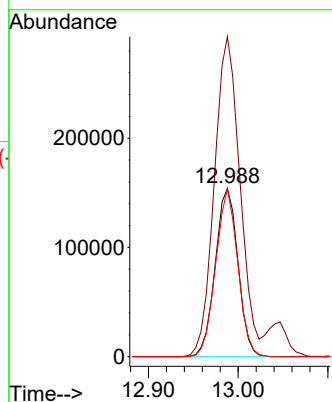
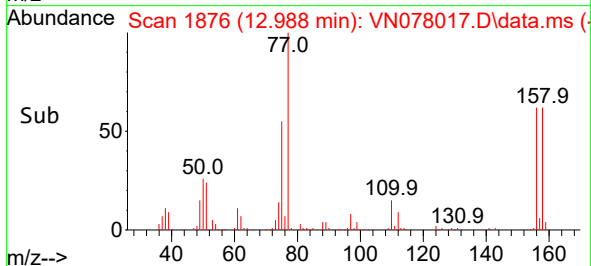
158 96.9 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#78

n-propylbenzene

Concen: 53.815 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN078017.D

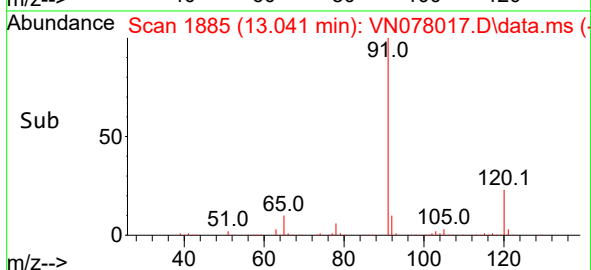
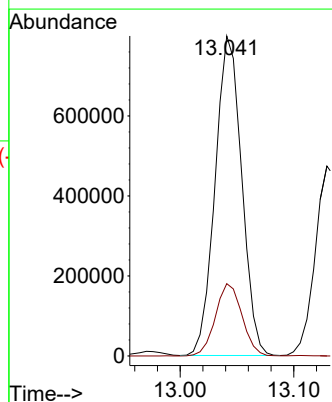
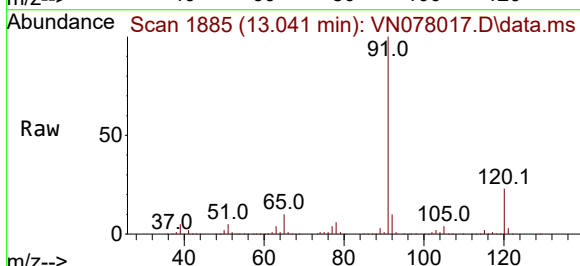
Acq: 01 Jun 2023 18:26

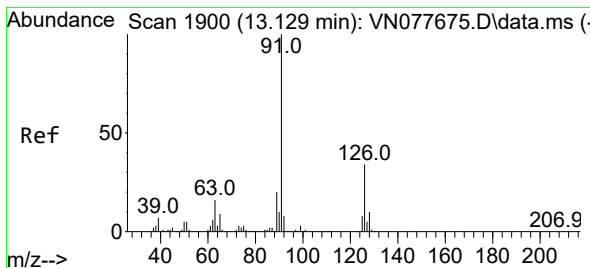
Tgt Ion: 91 Resp: 1296407

Ion Ratio Lower Upper

91 100

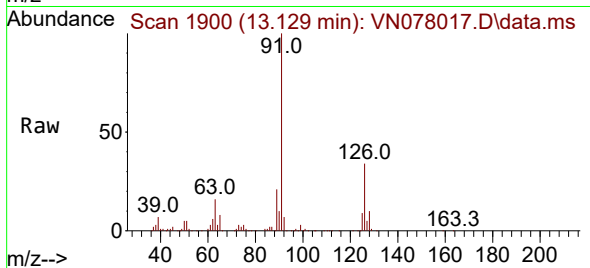
120 22.7 11.5 34.4





#79
2-Chlorotoluene
Concen: 57.167 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

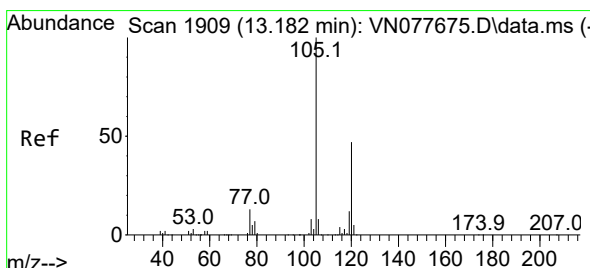
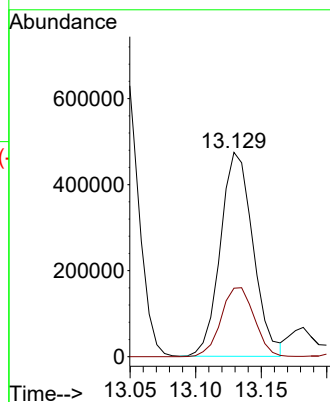
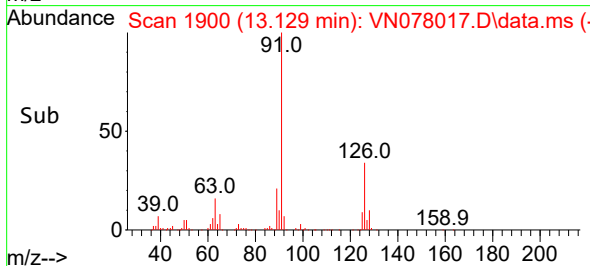
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



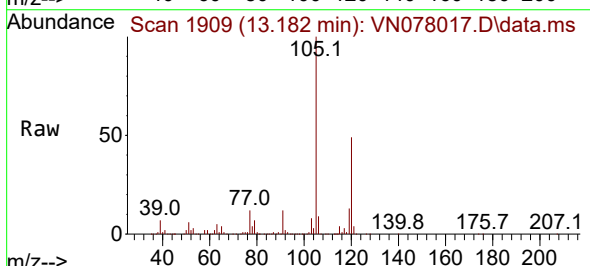
Tgt Ion: 91 Resp: 821770
Ion Ratio Lower Upper
91 100
126 34.5 16.3 48.8

Manual Integrations
APPROVED

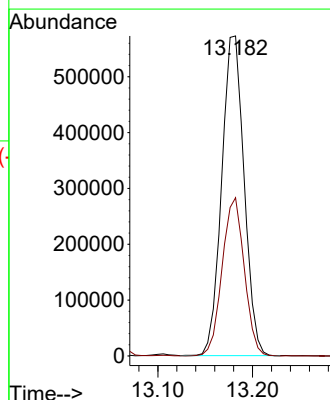
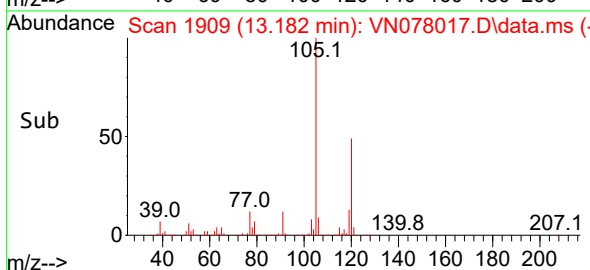
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

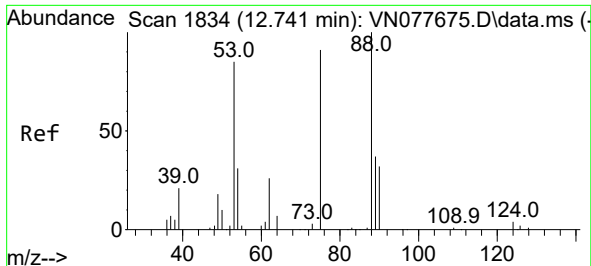


#80
1,3,5-Trimethylbenzene
Concen: 54.880 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26



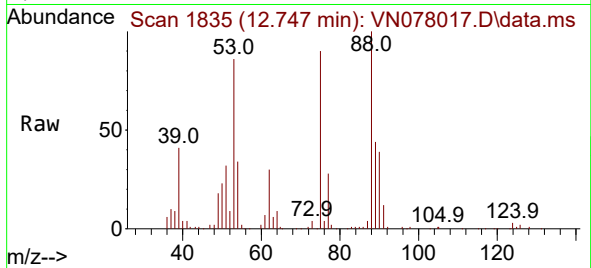
Tgt Ion:105 Resp: 942498
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 56.915 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

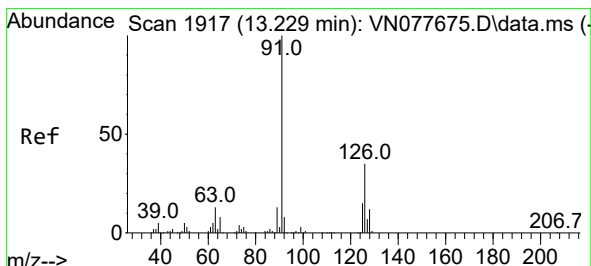
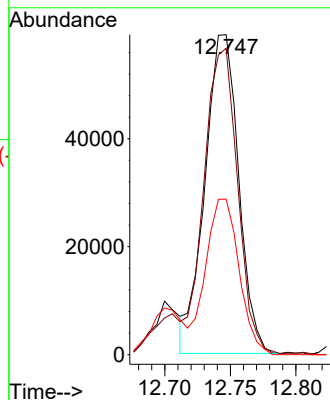
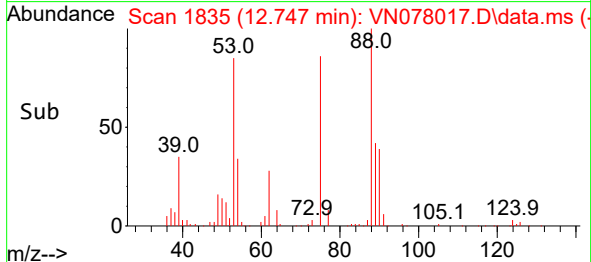
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



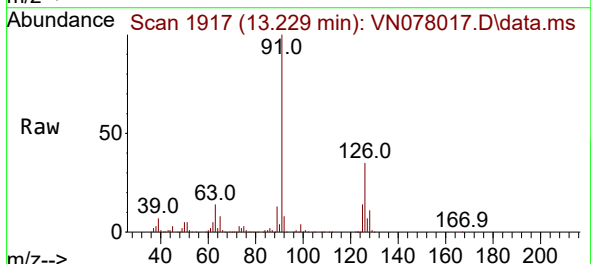
Tgt Ion: 75 Resp: 105702
Ion Ratio Lower Upper
75 100
53 107.3 67.4 101.2
89 48.3 38.8 58.2

Manual Integrations
APPROVED

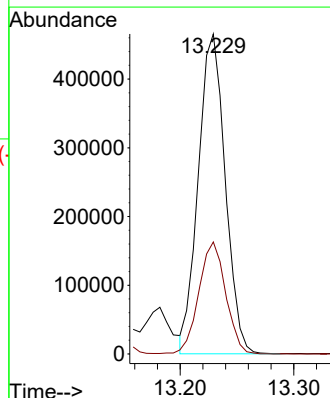
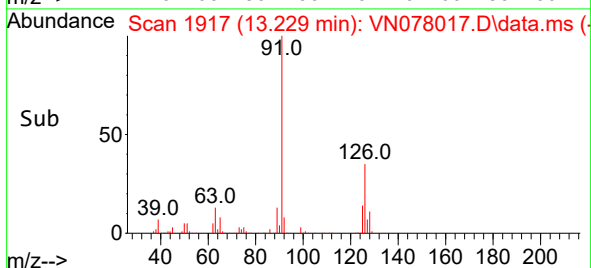
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

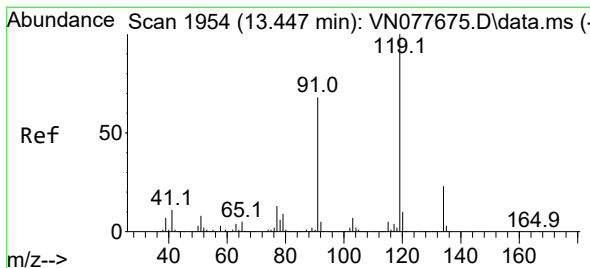


#82
4-Chlorotoluene
Concen: 53.569 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26



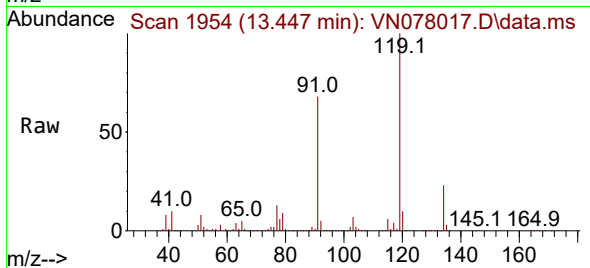
Tgt Ion: 91 Resp: 766182
Ion Ratio Lower Upper
91 100
126 35.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 52.357 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

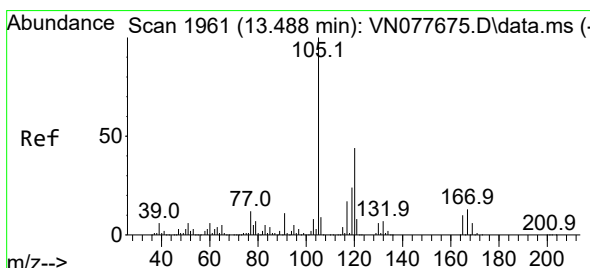
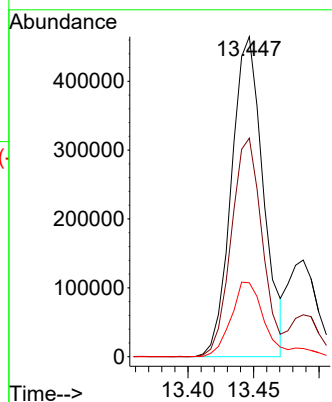
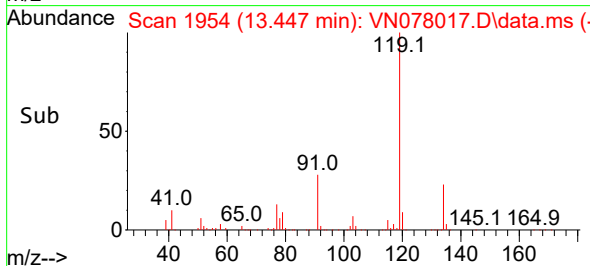
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



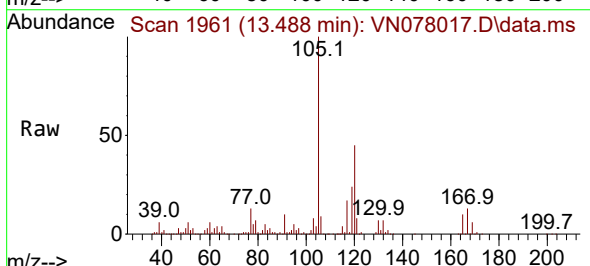
Tgt Ion:119 Resp: 784972
Ion Ratio Lower Upper
119 100
91 66.4 33.9 101.7
134 25.6 13.2 39.6

Manual Integrations
APPROVED

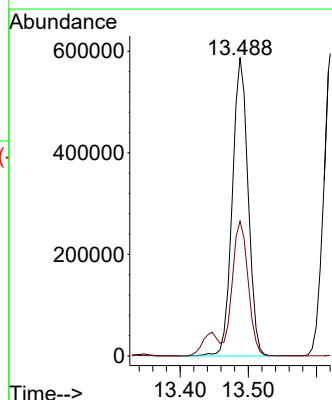
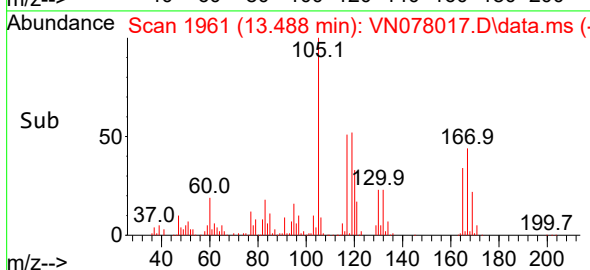
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

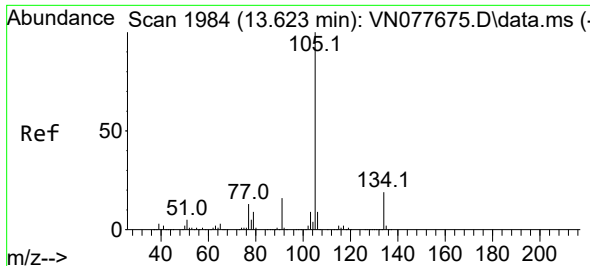


#84
1,2,4-Trimethylbenzene
Concen: 55.984 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26



Tgt Ion:105 Resp: 945573
Ion Ratio Lower Upper
105 100
120 45.6 22.0 66.0





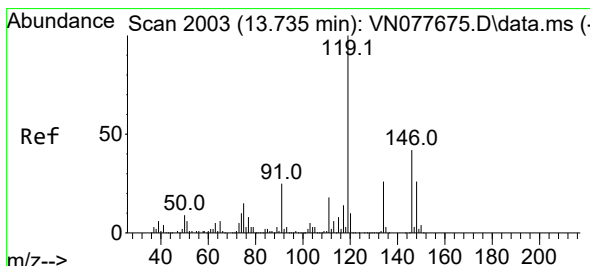
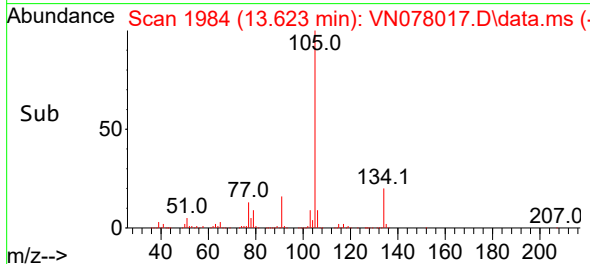
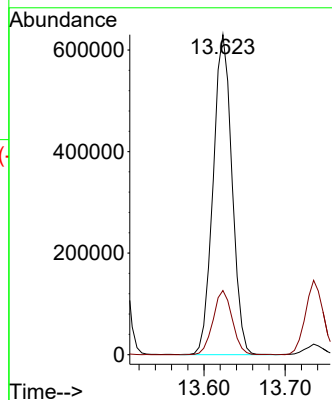
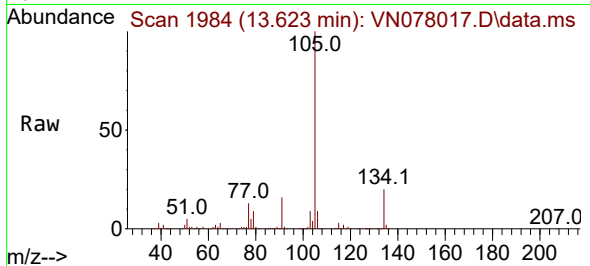
#85
 sec-Butylbenzene
 Concen: 47.797 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078017.D
 Acq: 01 Jun 2023 18:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1018428
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3

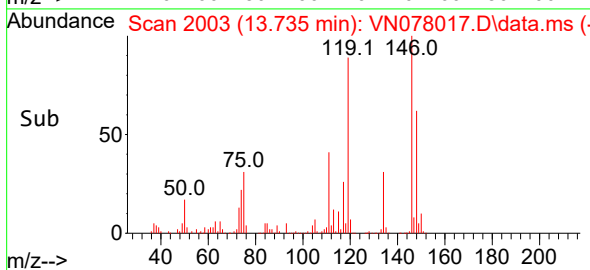
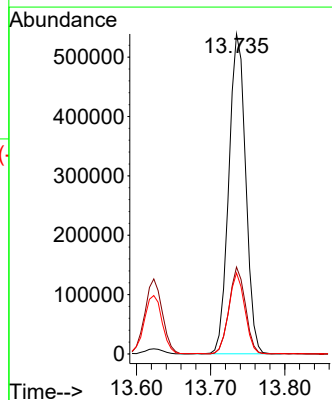
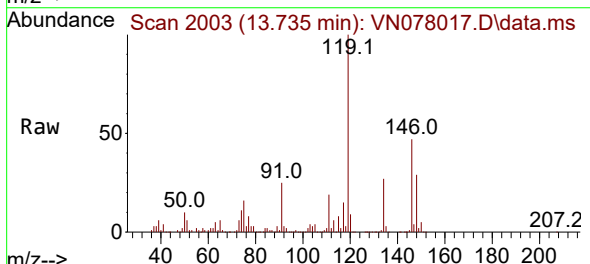
Manual Integrations
 APPROVED

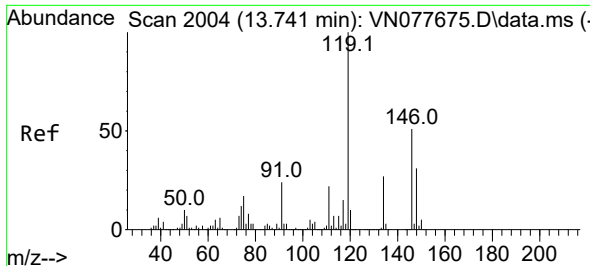
Reviewed By :John Carlone 06/02/2023
 Supervised By :Semsettin Yesilyurt 06/02/2023



#86
 p-Isopropyltoluene
 Concen: 50.104 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078017.D
 Acq: 01 Jun 2023 18:26

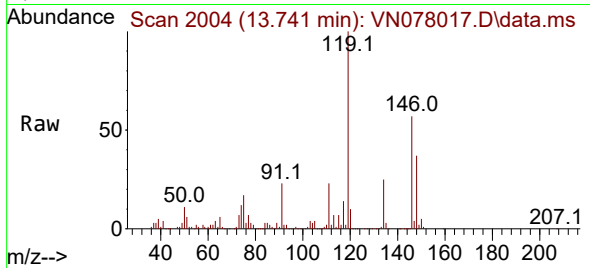
Tgt Ion:119 Resp: 851103
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 24.2 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 54.327 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

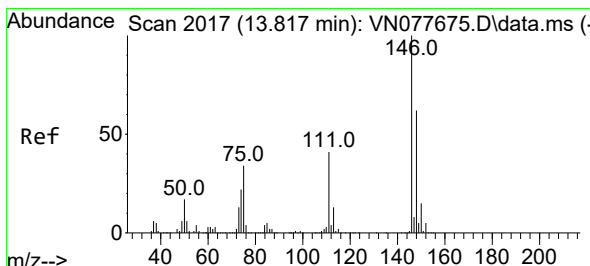
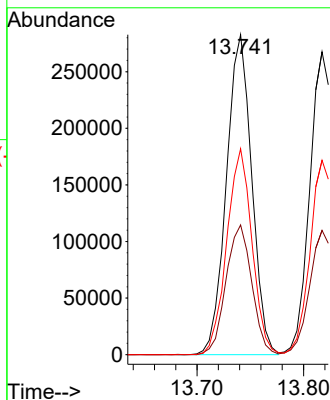
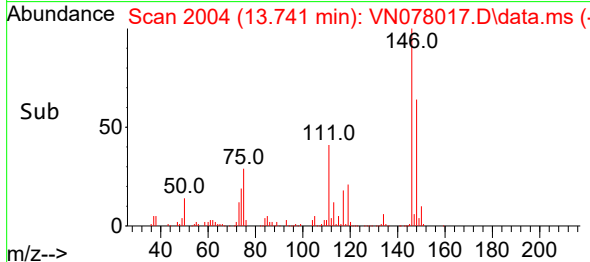
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 46850
Ion Ratio Lower Upper
146 100
111 41.2 22.1 66.3
148 64.1 32.0 96.0

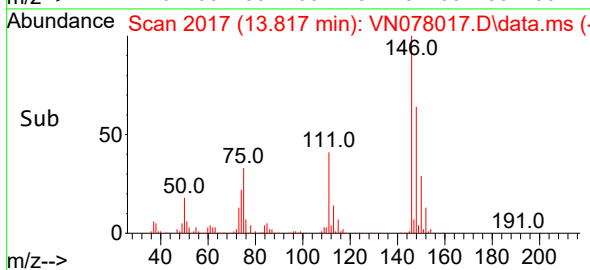
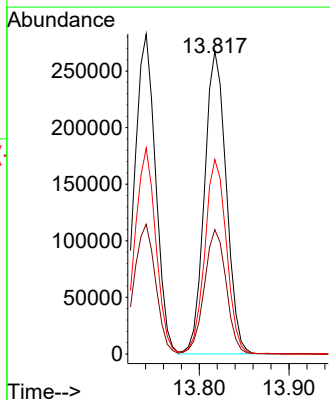
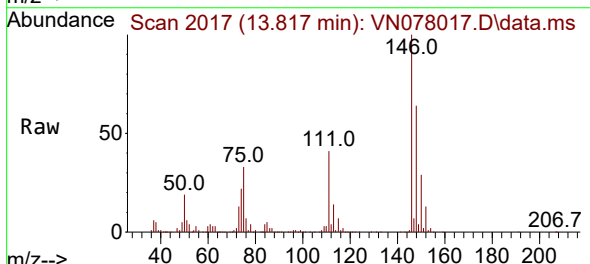
Manual Integrations
APPROVED

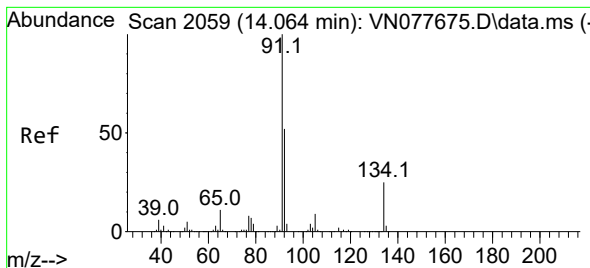
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#88
1,4-Dichlorobenzene
Concen: 52.598 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

Tgt Ion:146 Resp: 450111
Ion Ratio Lower Upper
146 100
111 41.4 20.6 61.8
148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 42.432 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN078017.D

Acq: 01 Jun 2023 18:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

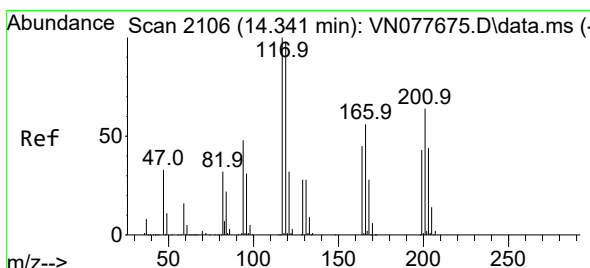
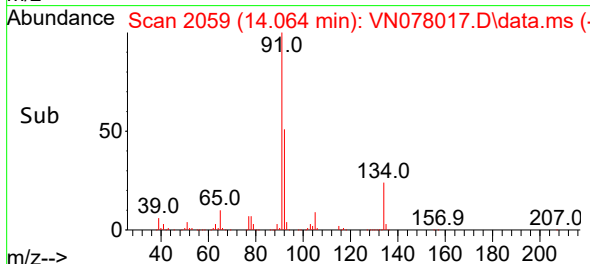
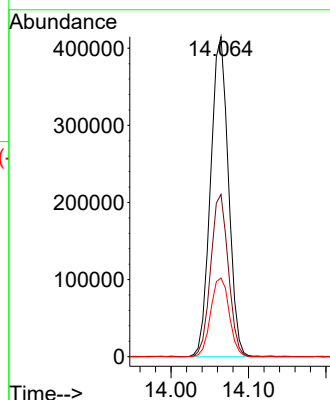
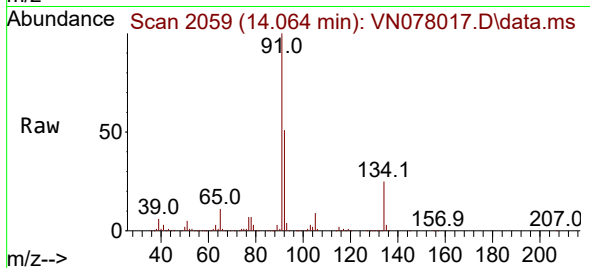
Tgt Ion:	91	Resp:	66295
Ion Ratio	Lower	Upper	
91	100		
92	50.1	26.4	79.0
134	25.5	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#90

Hexachloroethane

Concen: 52.498 ug/l

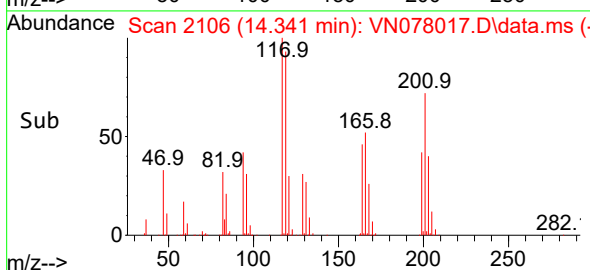
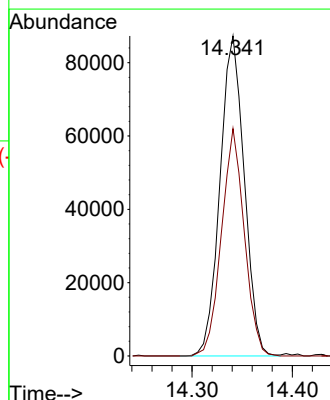
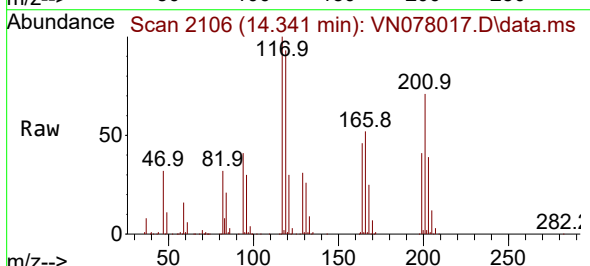
RT: 14.341 min Scan# 2106

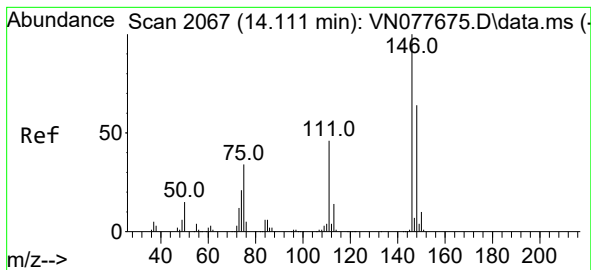
Delta R.T. -0.000 min

Lab File: VN078017.D

Acq: 01 Jun 2023 18:26

Tgt Ion:	117	Resp:	146499
Ion Ratio	Lower	Upper	
117	100		
201	66.7	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 58.155 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN078017.D

Acq: 01 Jun 2023 18:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 468518

Ion Ratio Lower Upper

146 100

111 43.0 22.0 66.0

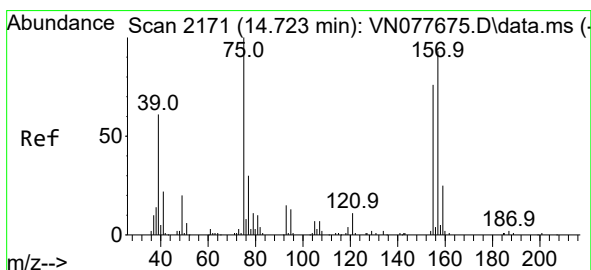
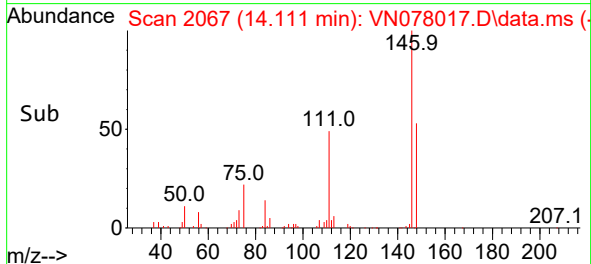
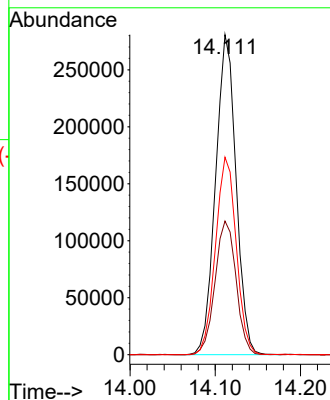
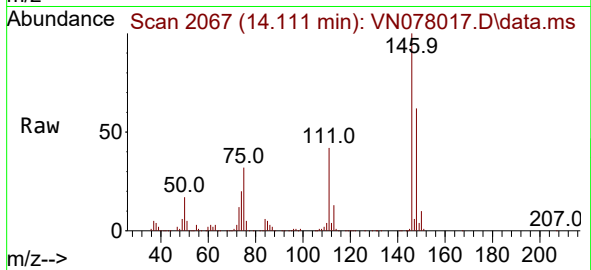
148 62.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.286 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078017.D

Acq: 01 Jun 2023 18:26

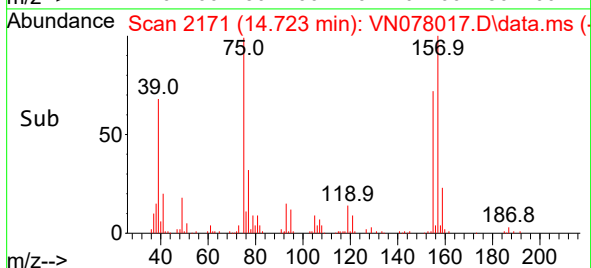
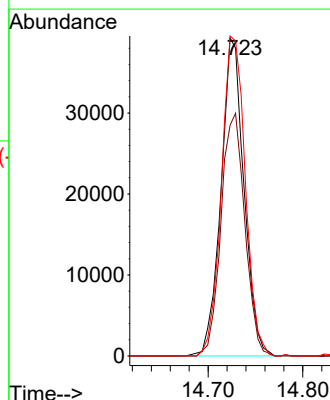
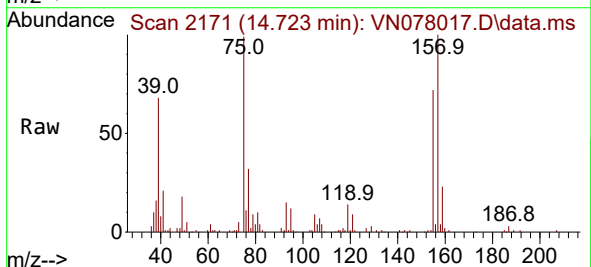
Tgt Ion: 75 Resp: 66068

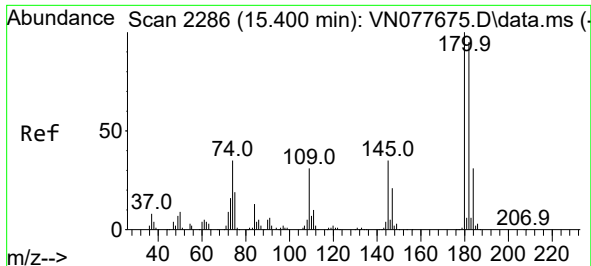
Ion Ratio Lower Upper

75 100

155 79.1 39.1 117.2

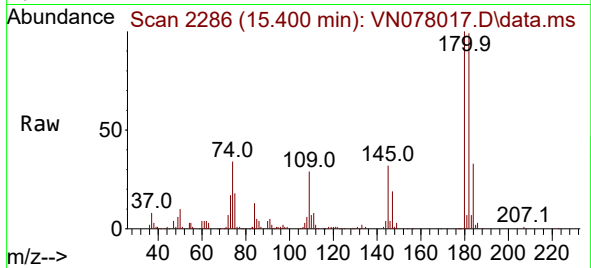
157 104.2 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 37.487 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26

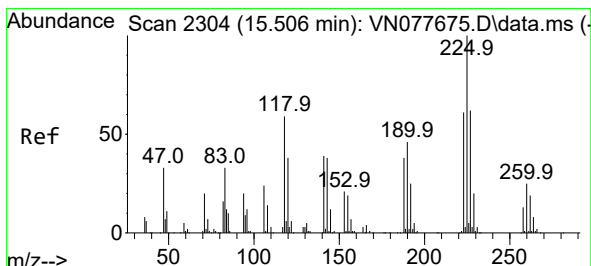
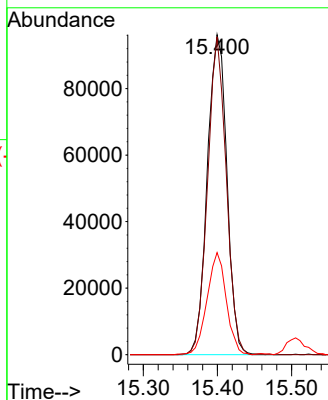
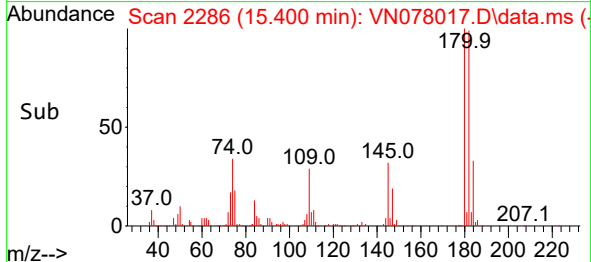
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



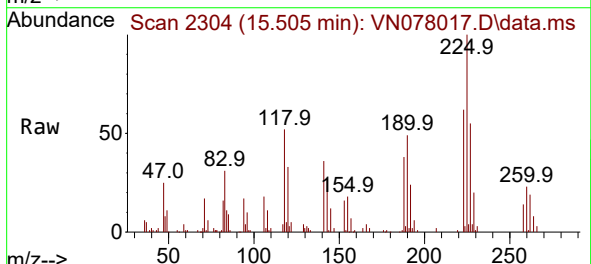
Tgt Ion:180 Resp: 17648
Ion Ratio Lower Upper
180 100
182 94.7 46.1 138.2
145 31.5 16.6 49.8

Manual Integrations
APPROVED

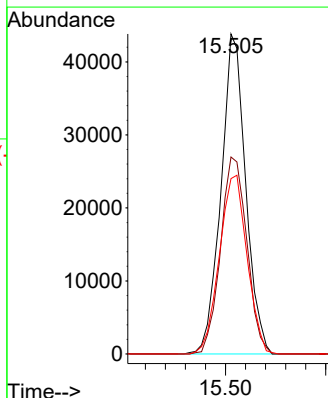
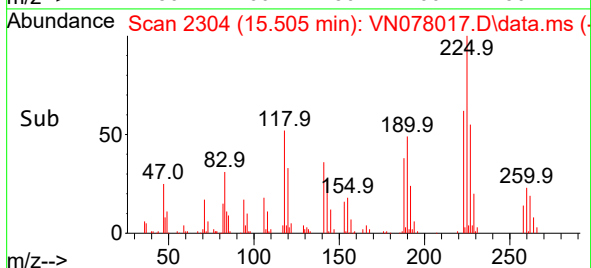
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

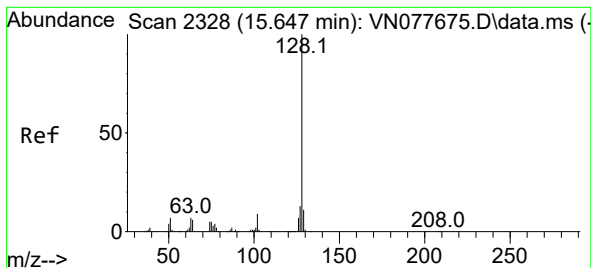


#94
Hexachlorobutadiene
Concen: 38.271 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078017.D
Acq: 01 Jun 2023 18:26



Tgt Ion:225 Resp: 74810
Ion Ratio Lower Upper
225 100
223 65.5 31.3 93.8
227 62.6 31.9 95.9





#95

Naphthalene

Concen: 37.961 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078017.D

Acq: 01 Jun 2023 18:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 61515

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

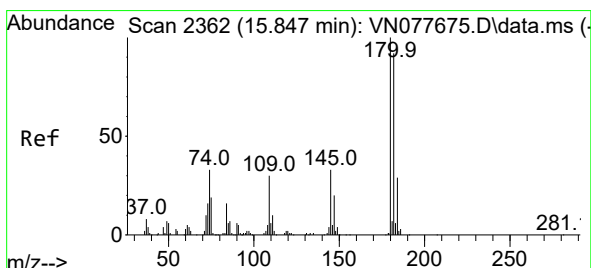
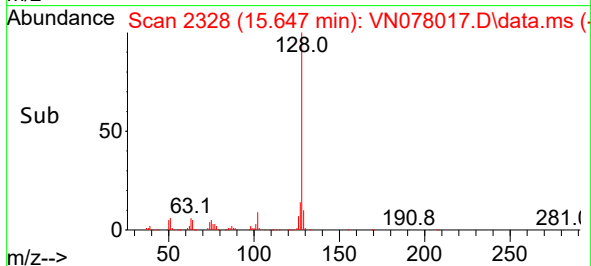
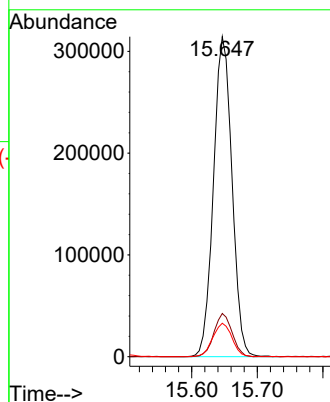
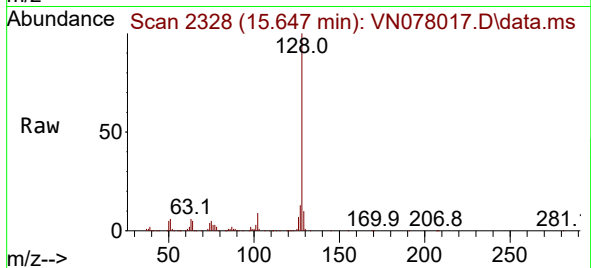
129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#96

1,2,3-Trichlorobenzene

Concen: 39.863 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078017.D

Acq: 01 Jun 2023 18:26

Tgt Ion:180 Resp: 183751

Ion Ratio Lower Upper

180 100

182 97.0 46.2 138.6

145 34.7 17.5 52.6

