

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
 Data File : VN078802.D
 Acq On : 08 Aug 2023 15:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 09 02:49:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	187951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	318067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	294694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	146796	52.098	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.200%			
35) Dibromofluoromethane	8.177	113	117162	54.546	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.100%			
50) Toluene-d8	10.571	98	443542	56.113	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.220%			
62) 4-Bromofluorobenzene	12.853	95	145453	61.572	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 123.140%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	118387	42.682	ug/l	97
3) Chloromethane	2.371	50	138561	42.826	ug/l	99
4) Vinyl Chloride	2.524	62	132185	43.269	ug/l	99
5) Bromomethane	2.948	94	83106	38.411	ug/l	96
6) Chloroethane	3.118	64	85741	42.684	ug/l	97
7) Trichlorofluoromethane	3.501	101	179823	42.852	ug/l	95
8) Diethyl Ether	3.965	74	65677	42.893	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.377	101	99678	45.604	ug/l	97
10) Methyl Iodide	4.600	142	129055	45.982	ug/l	100
11) Tert butyl alcohol	5.542	59	93378	188.829	ug/l #	88
12) 1,1-Dichloroethene	4.353	96	95725	43.579	ug/l	94
13) Acrolein	4.195	56	86925	207.752	ug/l	95
14) Allyl chloride	5.030	41	167940	45.918	ug/l #	90
15) Acrylonitrile	5.730	53	274314	213.009	ug/l	100
16) Acetone	4.436	43	267374	246.627	ug/l	88
17) Carbon Disulfide	4.718	76	263336	42.026	ug/l	100
18) Methyl Acetate	5.042	43	197087	40.476	ug/l #	80
19) Methyl tert-butyl Ether	5.806	73	329247	44.372	ug/l	92
20) Methylene Chloride	5.283	84	112640	41.952	ug/l #	80
21) trans-1,2-Dichloroethene	5.794	96	106902	43.490	ug/l #	82
22) Diisopropyl ether	6.677	45	388514	44.216	ug/l #	91
23) Vinyl Acetate	6.612	43	1421748m	257.844	ug/l	
24) 1,1-Dichloroethane	6.577	63	211254	44.214	ug/l	98
25) 2-Butanone	7.494	43	398997	217.339	ug/l #	73
26) 2,2-Dichloropropane	7.500	77	175461	52.586	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	126983	44.995	ug/l	89
28) Bromochloromethane	7.824	49	129892	50.170	ug/l #	73
29) Tetrahydrofuran	7.847	42	253484	206.335	ug/l #	73
30) Chloroform	7.977	83	216117	44.911	ug/l	93
31) Cyclohexane	8.265	56	172635	41.699	ug/l	83
32) 1,1,1-Trichloroethane	8.177	97	184230	45.041	ug/l	94
36) 1,1-Dichloropropene	8.377	75	159171	47.765	ug/l	96
37) Ethyl Acetate	7.571	43	160869	45.404	ug/l #	88
38) Carbon Tetrachloride	8.371	117	161842	47.112	ug/l	97
39) Methylcyclohexane	9.606	83	152885	49.119	ug/l #	88
40) Benzene	8.612	78	470430	46.674	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	83653	42.464	ug/l #	81
42) 1,2-Dichloroethane	8.677	62	160627	44.338	ug/l	98
43) Isopropyl Acetate	8.700	43	289764	48.508	ug/l #	87
44) Trichloroethene	9.359	130	117173	47.468	ug/l	98
45) 1,2-Dichloropropane	9.630	63	125105	46.301	ug/l	96
46) Dibromomethane	9.718	93	83798	46.598	ug/l	96
47) Bromodichloromethane	9.894	83	168053	46.951	ug/l	92
48) Methyl methacrylate	9.688	41	126721	45.912	ug/l #	79
49) 1,4-Dioxane	9.700	88	40348	900.237	ug/l #	82
51) 4-Methyl-2-Pentanone	10.453	43	820153	224.154	ug/l #	85
52) Toluene	10.635	92	298710	48.528	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	181055	49.506	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	195544	49.214	ug/l #	87
55) 1,1,2-Trichloroethane	11.024	97	115068	47.028	ug/l	98
56) Ethyl methacrylate	10.882	69	175971	49.596	ug/l #	73
57) 1,3-Dichloropropane	11.171	76	198801	46.733	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	325305	255.381	ug/l	91
59) 2-Hexanone	11.200	43	600653	231.841	ug/l	83
60) Dibromochloromethane	11.365	129	128364	49.986	ug/l	98
61) 1,2-Dibromoethane	11.471	107	111305	45.928	ug/l	96
64) Tetrachloroethene	11.112	164	96082	42.315	ug/l	91
65) Chlorobenzene	11.894	112	299861	44.681	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	117412	45.171	ug/l	97
67) Ethyl Benzene	11.971	91	558114	46.688	ug/l	100
68) m/p-Xylenes	12.076	106	425031	96.374	ug/l	100
69) o-Xylene	12.406	106	197343	45.584	ug/l	92
70) Styrene	12.418	104	336138	49.473	ug/l	98
71) Bromoform	12.582	173	82541	45.528	ug/l #	98
73) Isopropylbenzene	12.700	105	518277	42.585	ug/l	99
74) N-amyl acetate	12.500	43	218840	39.640	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	162629	39.320	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	130859m	39.141	ug/l	
77) Bromobenzene	12.982	156	115453	40.430	ug/l	96
78) n-propylbenzene	13.041	91	593080	44.338	ug/l	98
79) 2-Chlorotoluene	13.129	91	348839	40.592	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	412866	42.348	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	59896	48.073	ug/l #	87
82) 4-Chlorotoluene	13.223	91	345322	43.924	ug/l	100
83) tert-Butylbenzene	13.441	119	345180	42.510	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	404237	43.142	ug/l	97
85) sec-Butylbenzene	13.623	105	464150	43.715	ug/l	99
86) p-Isopropyltoluene	13.735	119	364732	43.202	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	204828	44.910	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	199625	44.155	ug/l	97
89) n-Butylbenzene	14.059	91	276777	43.693	ug/l	99
90) Hexachloroethane	14.335	117	72022	41.160	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	193900	44.132	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23871	37.626	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	57760	46.788	ug/l	98
94) Hexachlorobutadiene	15.506	225	35136	45.992	ug/l	97
95) Naphthalene	15.647	128	170163	41.295	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	62428	42.468	ug/l	96

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

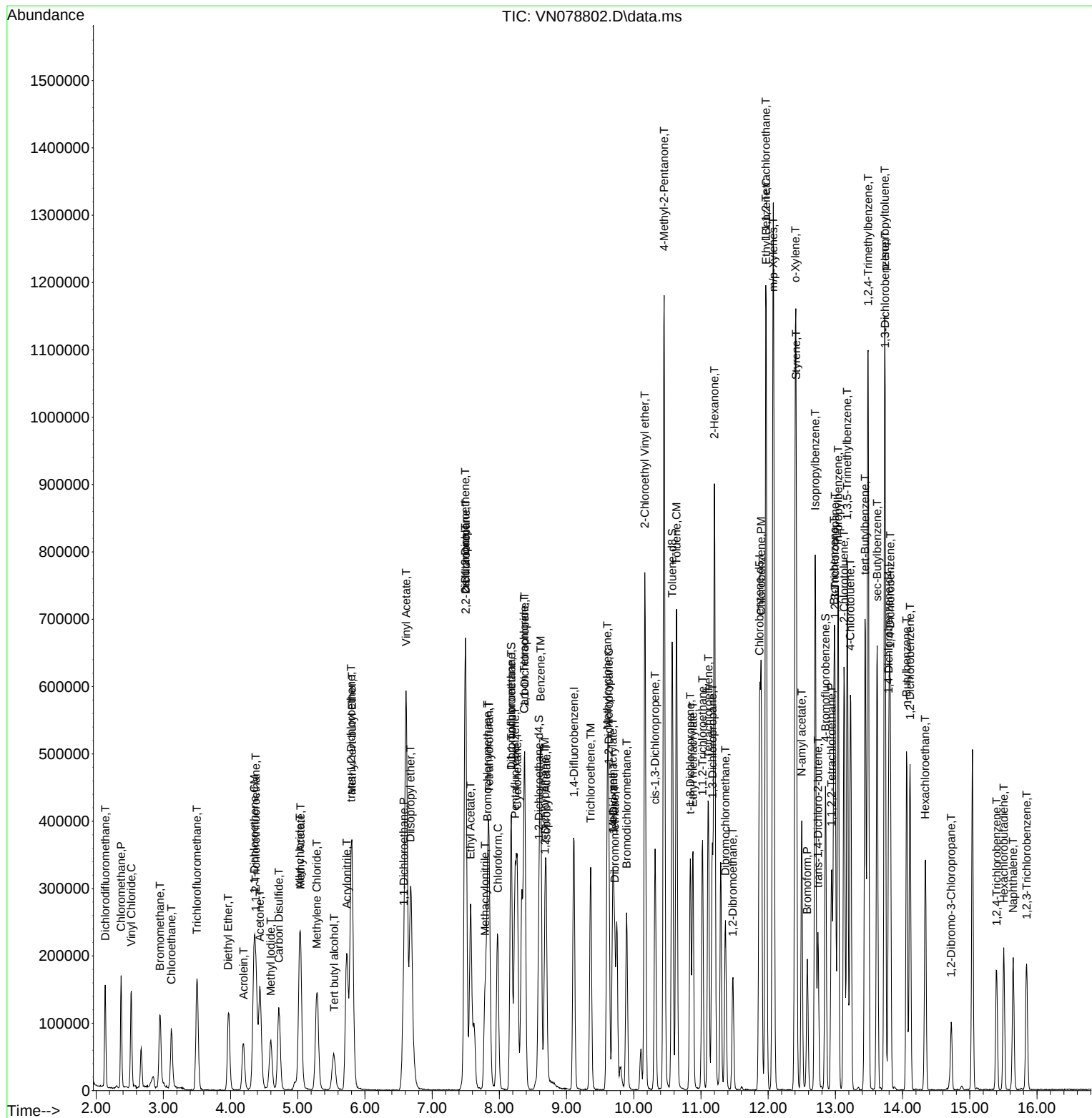
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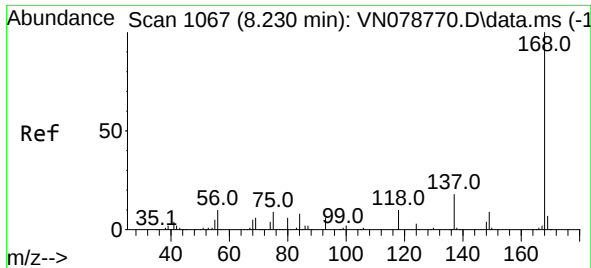
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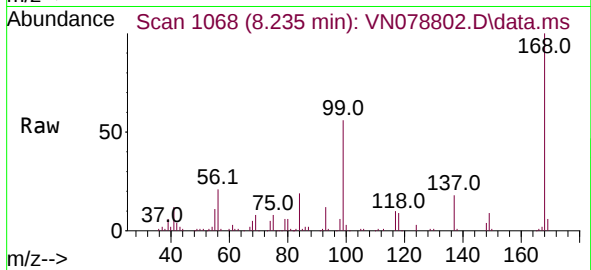
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078802.D
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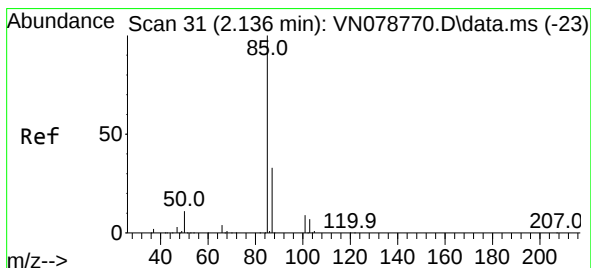
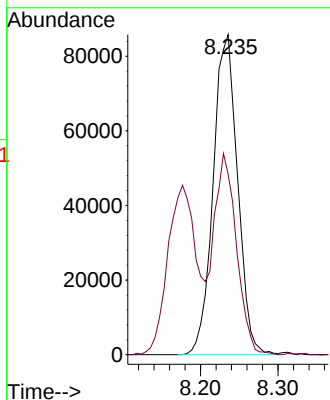
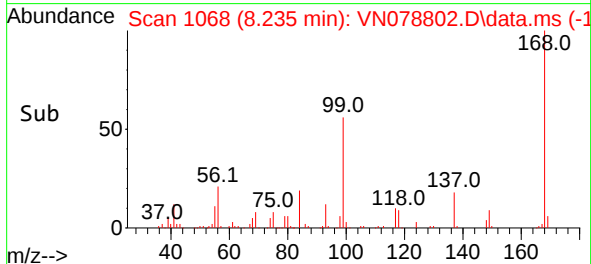
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 18795
Ion Ratio Lower Upper
168 100
99 56.4 53.0 79.6

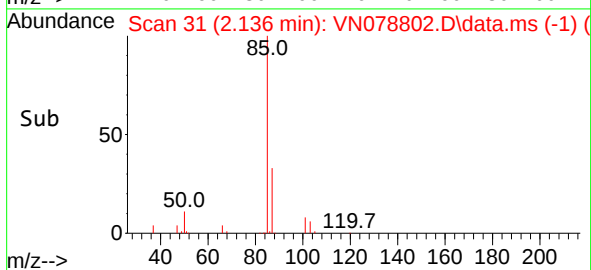
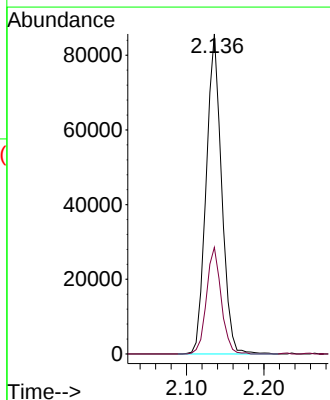
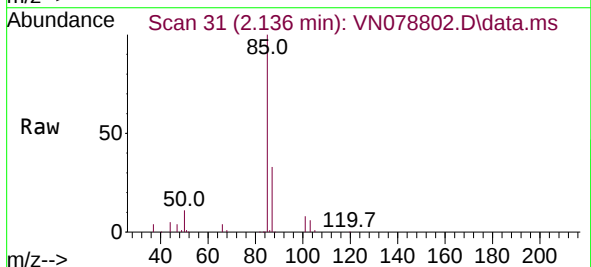
Manual Integrations
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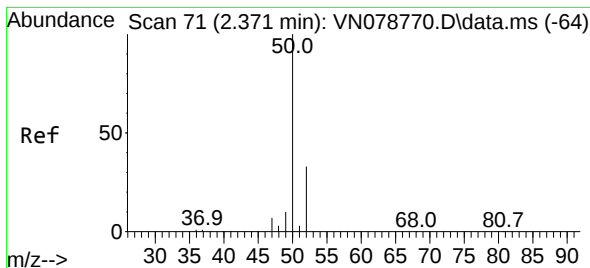
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#2
Dichlorodifluoromethane
Concen: 42.682 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

Tgt Ion: 85 Resp: 118387
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.4





#3

Chloromethane

Concen: 42.826 ug/l

RT: 2.371 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN078802.D

Acq: 08 Aug 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 13856

Ion Ratio Lower Upper

50 100

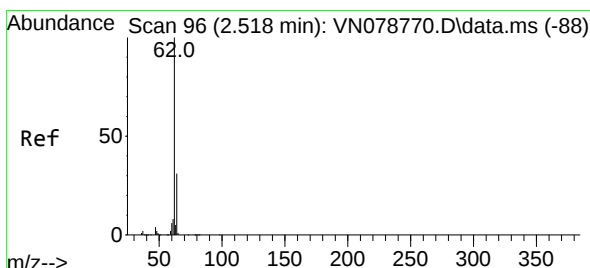
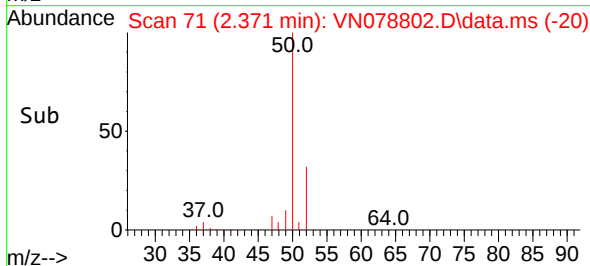
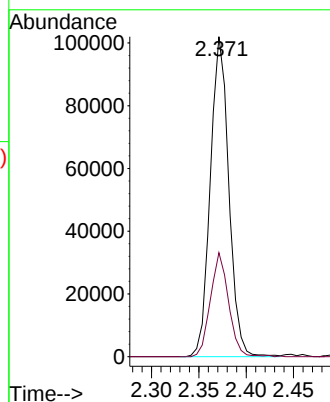
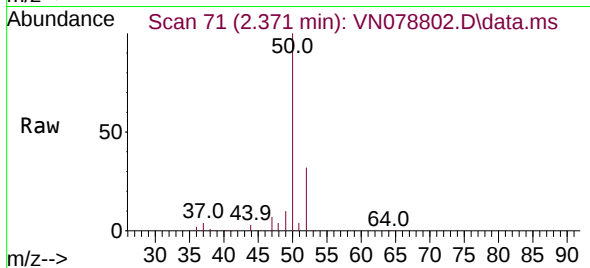
52 32.5 26.5 39.7

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 43.269 ug/l

RT: 2.524 min Scan# 97

Delta R.T. 0.006 min

Lab File: VN078802.D

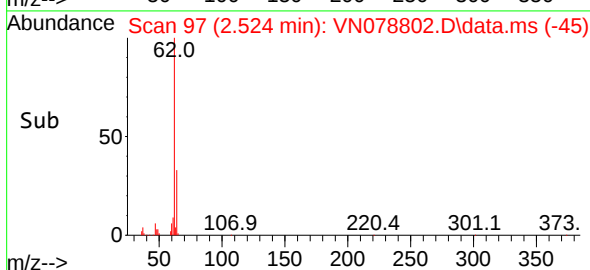
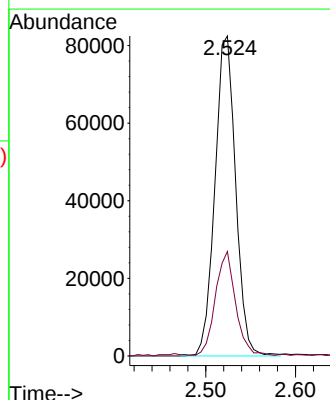
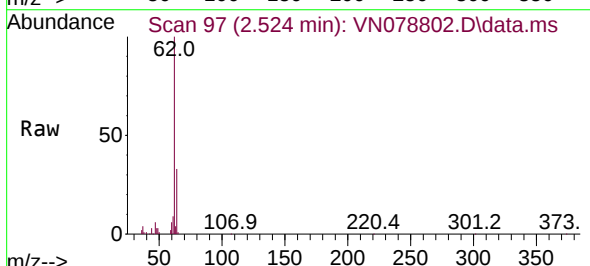
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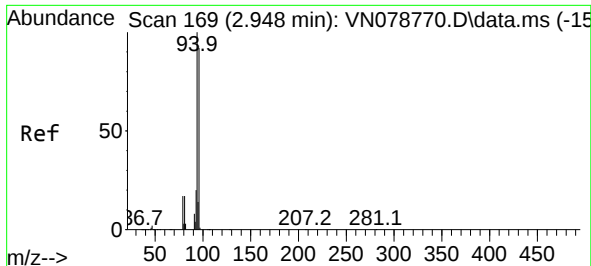
Tgt Ion: 62 Resp: 132185

Ion Ratio Lower Upper

62 100

64 32.2 26.2 39.2





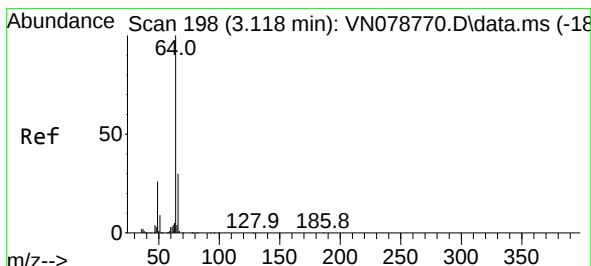
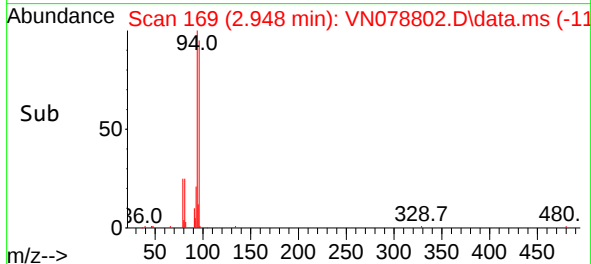
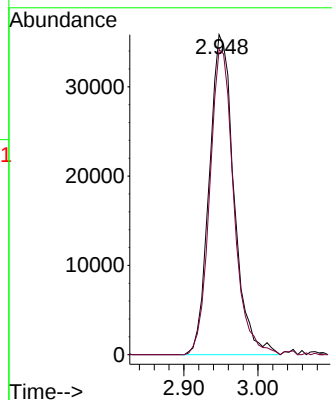
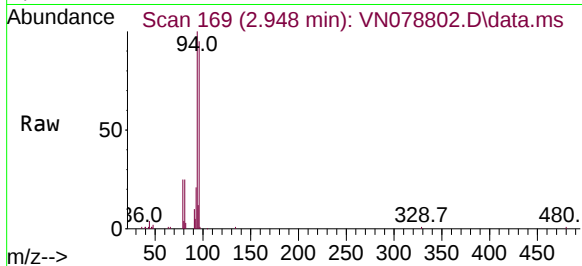
#5
Bromomethane
Concen: 38.411 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN078802.D
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Instrument :
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Tgt Ion: 94 Resp: 83100
Ion Ratio Lower Upper
94 100
96 95.3 73.1 109.7

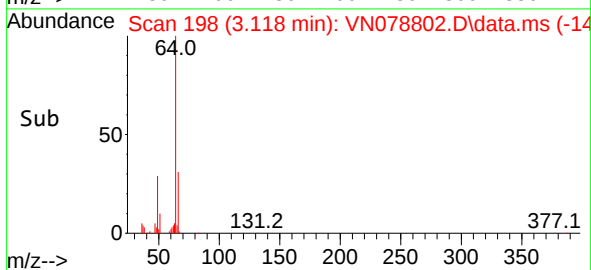
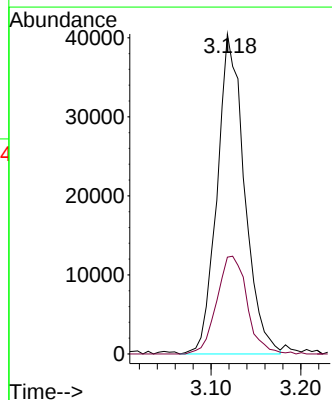
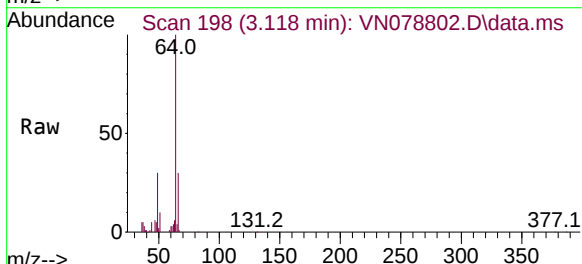
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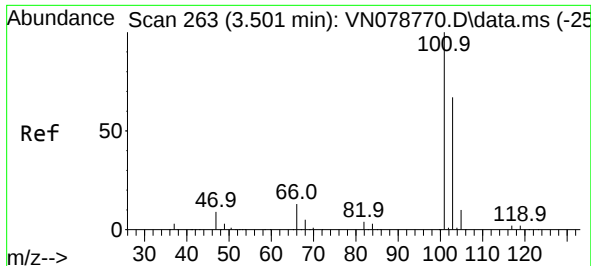
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#6
Chloroethane
Concen: 42.684 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

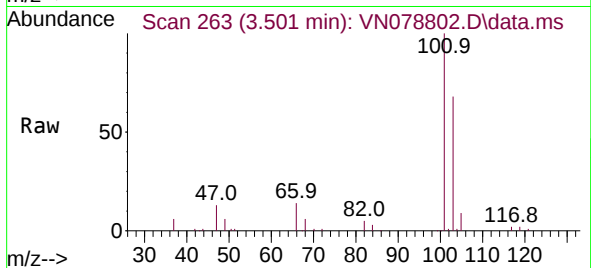
Tgt Ion: 64 Resp: 85741
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 42.852 ug/l
 RT: 3.501 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN078802.D
 Acq: 08 Aug 2023 15:43

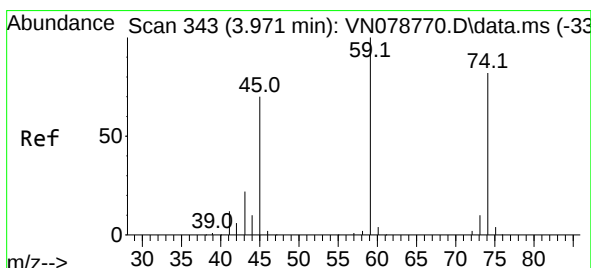
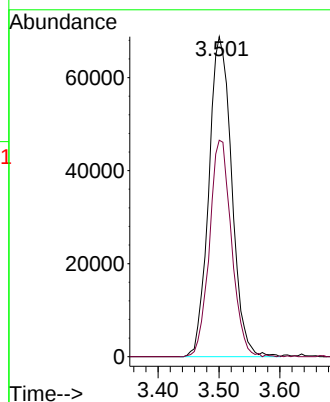
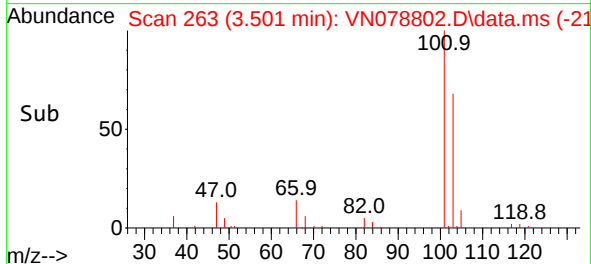
Instrument :
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Tgt Ion:101 Resp: 17982
 Ion Ratio Lower Upper
 101 100
 103 67.7 50.7 76.1

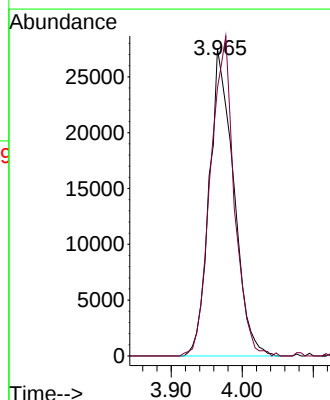
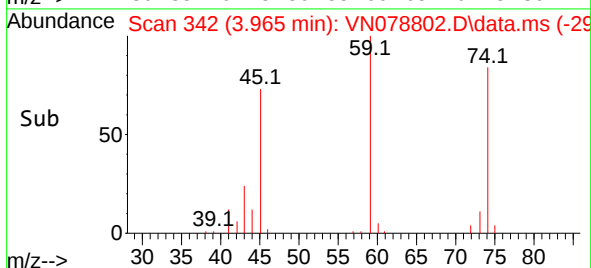
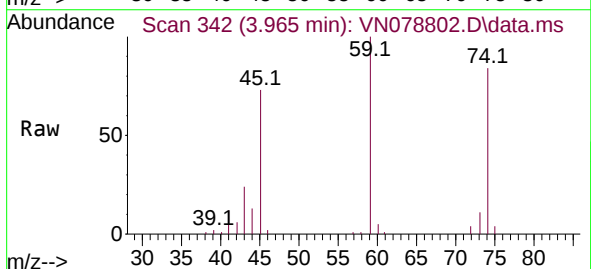
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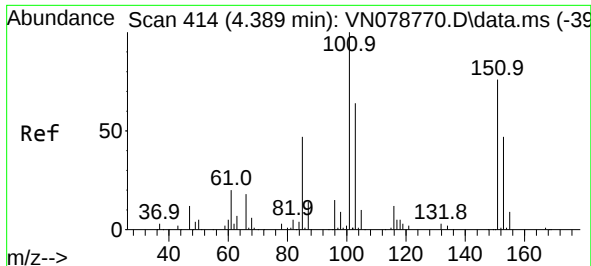
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023



#8
 Diethyl Ether
 Concen: 42.893 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VN078802.D
 Acq: 08 Aug 2023 15:43

Tgt Ion: 74 Resp: 65677
 Ion Ratio Lower Upper
 74 100
 45 101.5 34.4 103.3





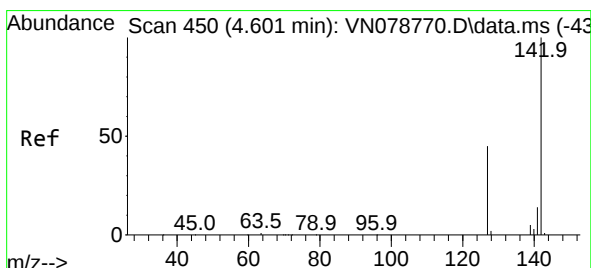
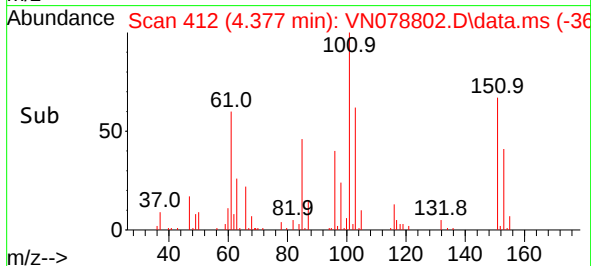
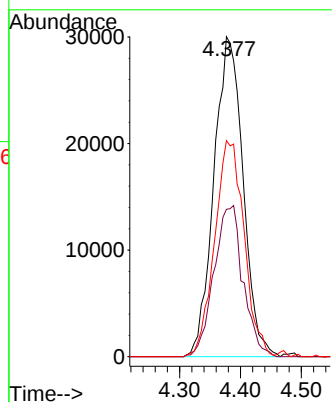
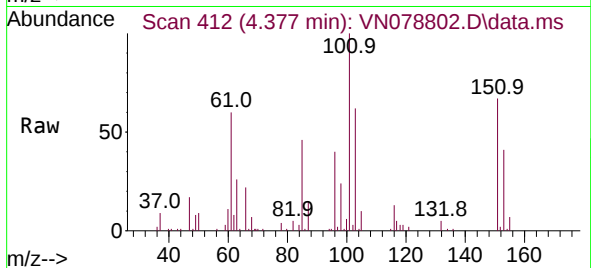
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.604 ug/l
RT: 4.377 min Scan# 414
Delta R.T. -0.012 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 99678
Ion Ratio Lower Upper
101 100
85 47.2 36.6 55.0
151 68.4 57.6 86.4

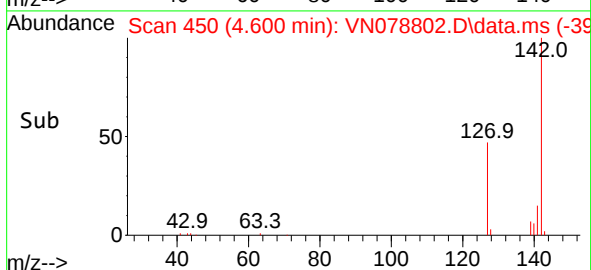
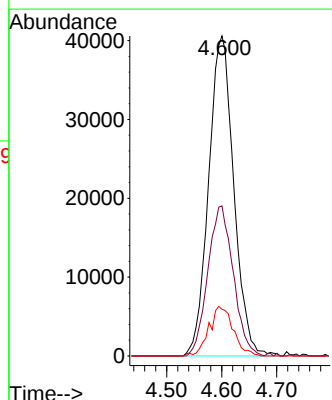
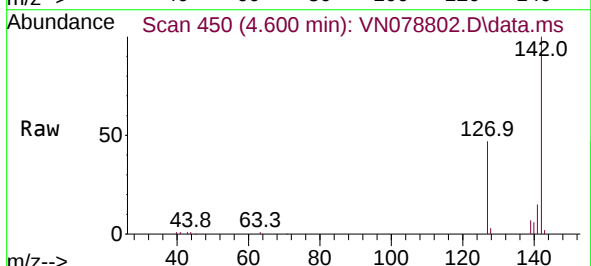
Manual Integrations
APPROVED

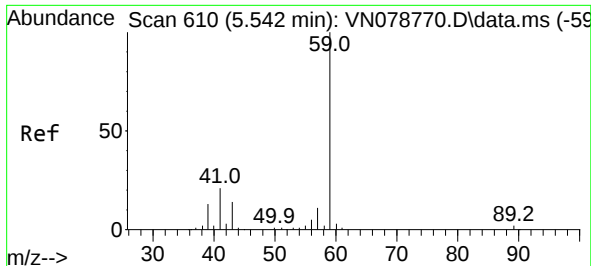
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#10
Methyl Iodide
Concen: 45.982 ug/l
RT: 4.600 min Scan# 450
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

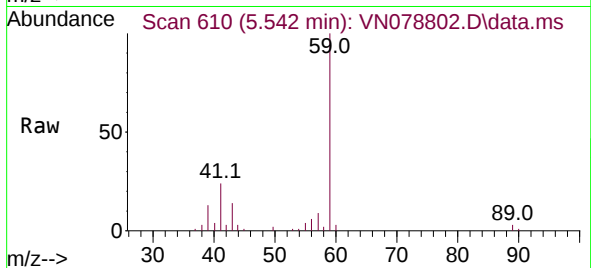
Tgt Ion:142 Resp: 129055
Ion Ratio Lower Upper
142 100
127 46.9 37.6 56.4
141 14.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 188.829 ug/l
RT: 5.542 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

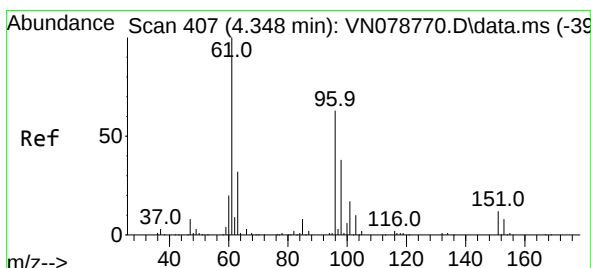
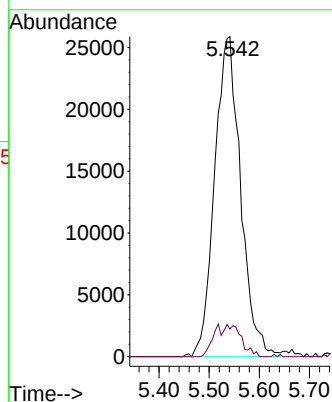
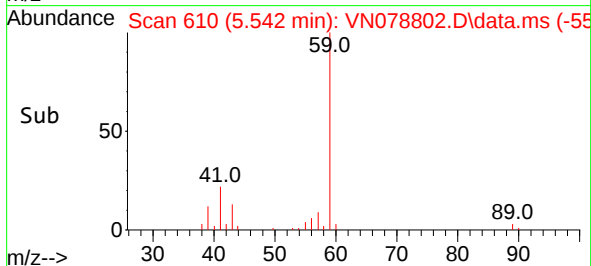
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



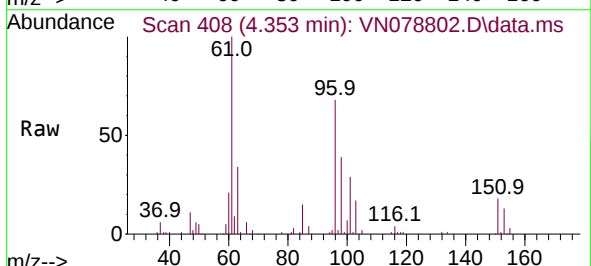
Tgt Ion: 59 Resp: 93378
Ion Ratio Lower Upper
59 100
57 5.9 8.2 12.4

Manual Integrations
APPROVED

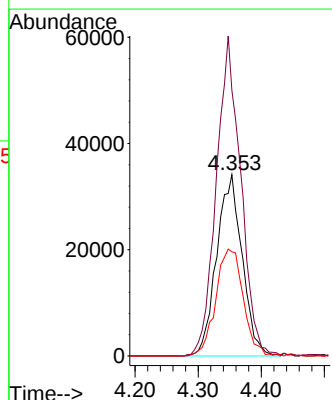
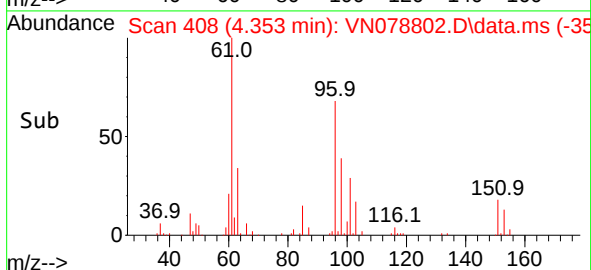
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

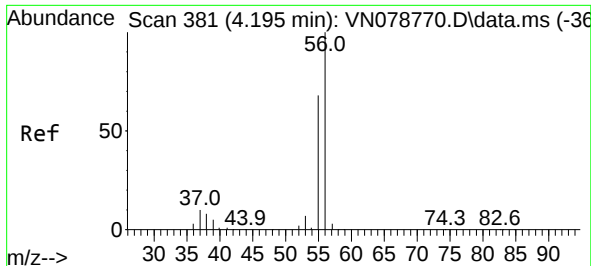


#12
1,1-Dichloroethene
Concen: 43.579 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43



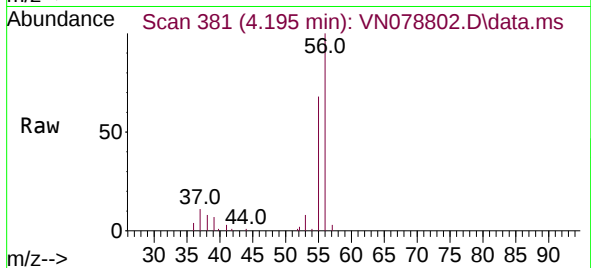
Tgt Ion: 96 Resp: 95725
Ion Ratio Lower Upper
96 100
61 146.5 112.7 169.1
98 57.5 51.2 76.8





#13
Acrolein
Concen: 207.752 ug/l
RT: 4.195 min Scan# 381
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

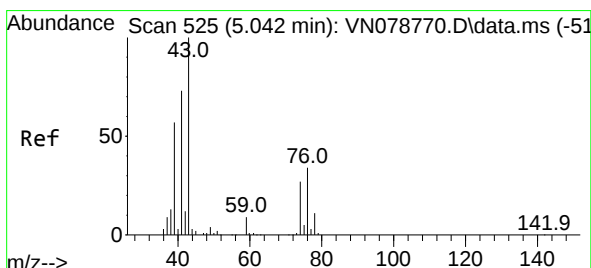
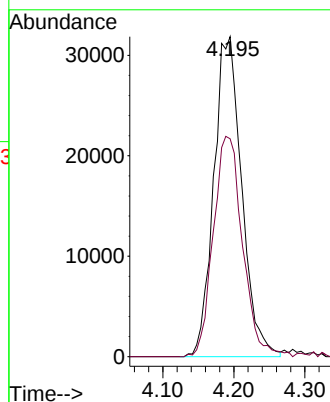
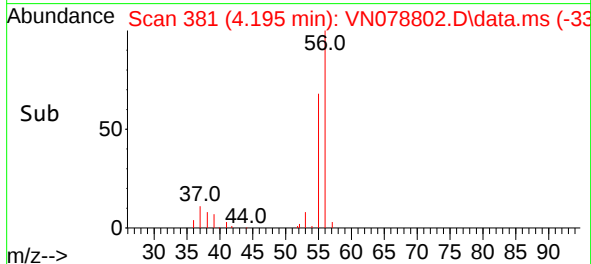
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 86925
Ion Ratio Lower Upper
56 100
55 72.0 54.5 81.7

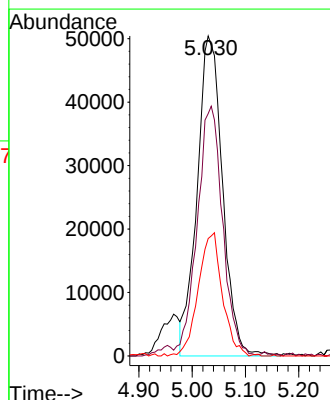
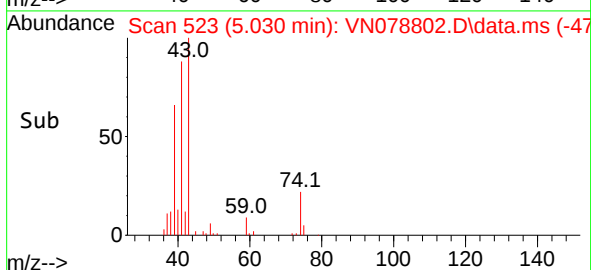
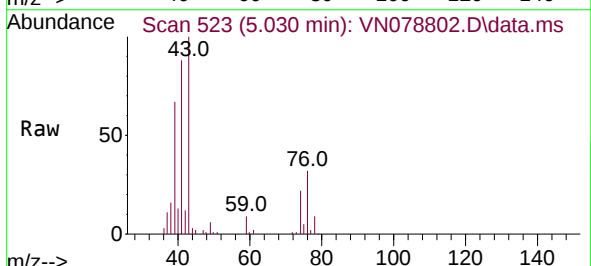
Manual Integrations
APPROVED

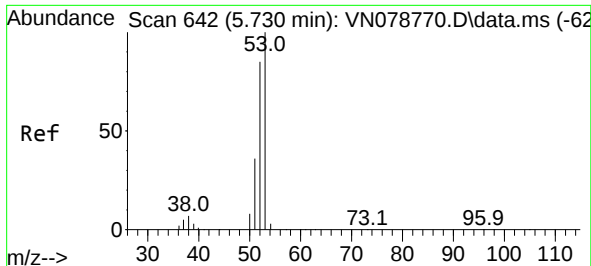
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#14
Allyl chloride
Concen: 45.918 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

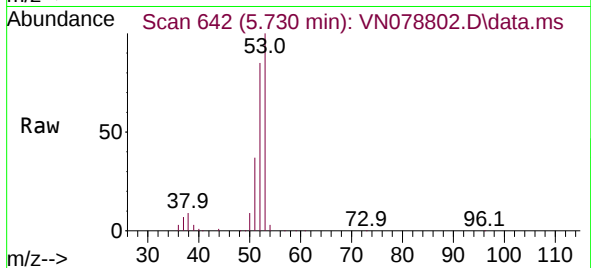
Tgt Ion: 41 Resp: 167940
Ion Ratio Lower Upper
41 100
39 77.1 58.8 88.2
76 36.3 39.1 58.7#





#15
Acrylonitrile
Concen: 213.009 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

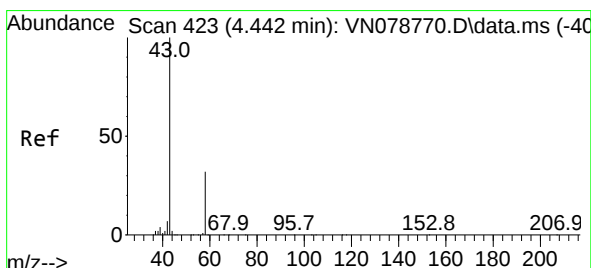
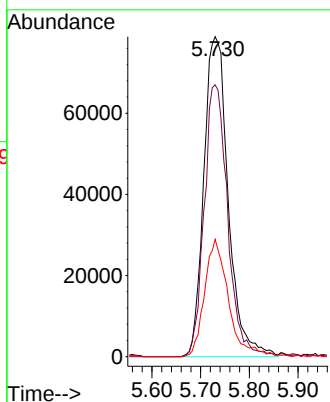
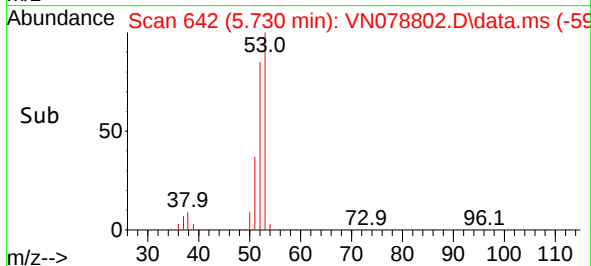
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



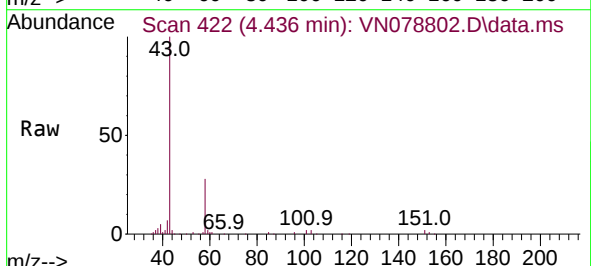
Tgt Ion: 53 Resp: 274314
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 35.9 28.9 43.3

Manual Integrations
APPROVED

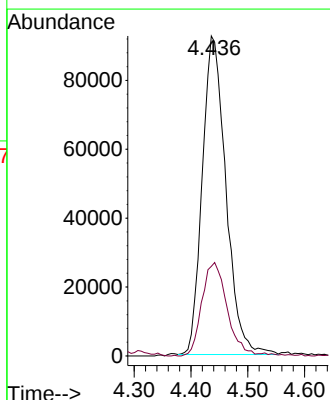
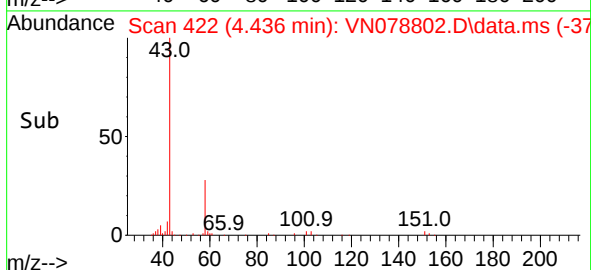
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

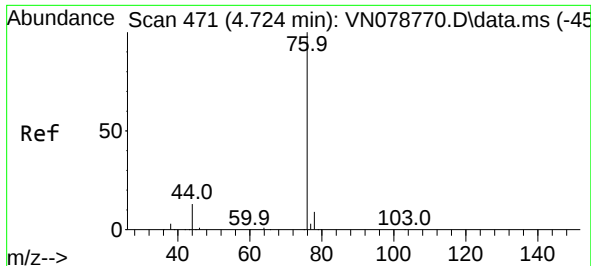


#16
Acetone
Concen: 246.627 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43



Tgt Ion: 43 Resp: 267374
Ion Ratio Lower Upper
43 100
58 28.1 28.0 42.0





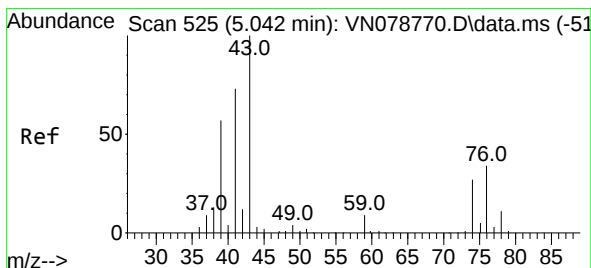
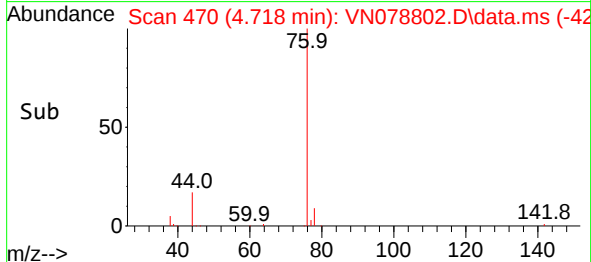
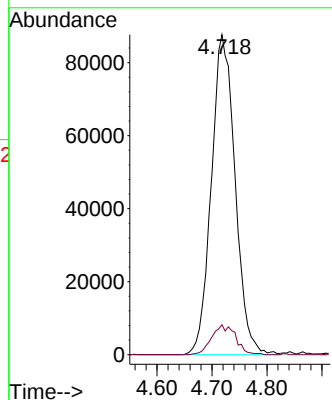
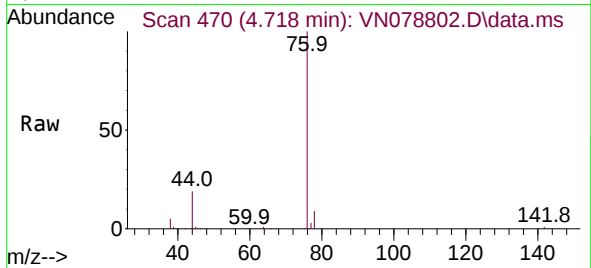
#17
Carbon Disulfide
Concen: 42.026 ug/l
RT: 4.718 min Scan# 471
Delta R.T. -0.006 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 263330
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

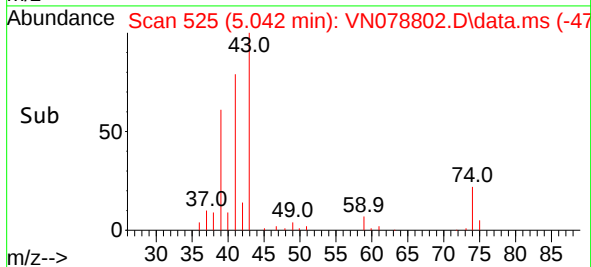
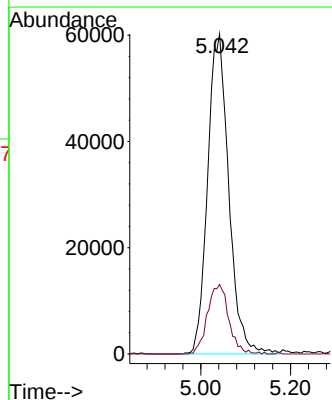
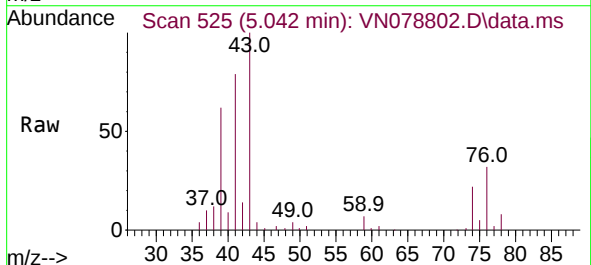
Manual Integrations
APPROVED

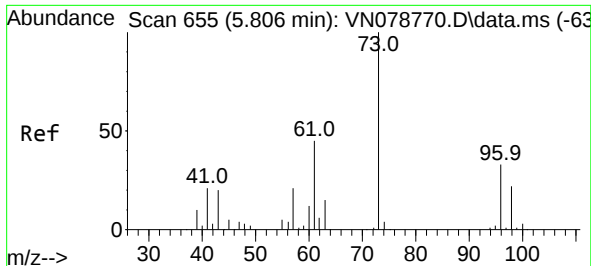
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#18
Methyl Acetate
Concen: 40.476 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

Tgt Ion: 43 Resp: 197087
Ion Ratio Lower Upper
43 100
74 21.7 26.2 39.4#





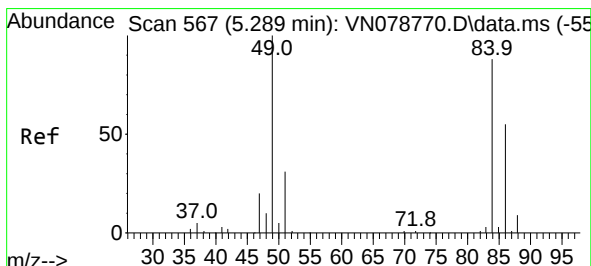
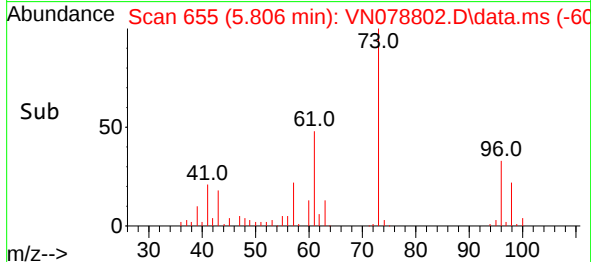
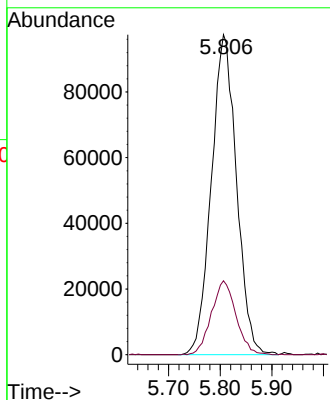
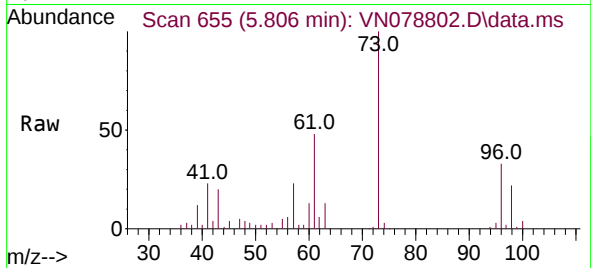
#19
Methyl tert-butyl Ether
Concen: 44.372 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 32924
Ion Ratio Lower Upper
73 100
57 23.1 15.6 23.4

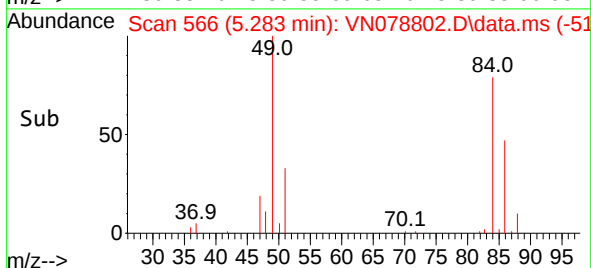
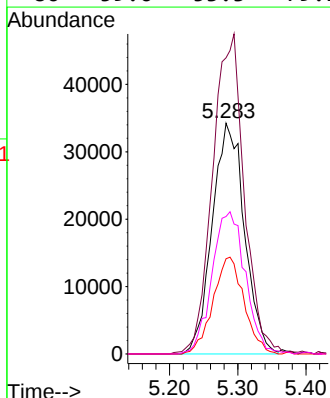
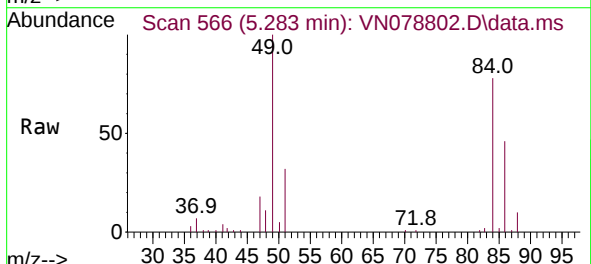
Manual Integrations
APPROVED

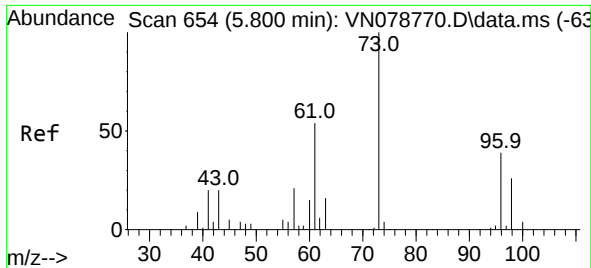
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#20
Methylene Chloride
Concen: 41.952 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.006 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

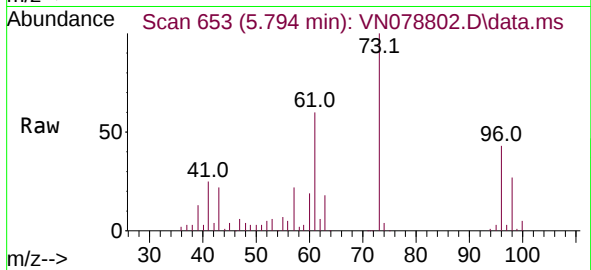
Tgt Ion: 84 Resp: 112640
Ion Ratio Lower Upper
84 100
49 127.6 79.7 119.5#
51 41.3 25.2 37.8#
86 59.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 43.490 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

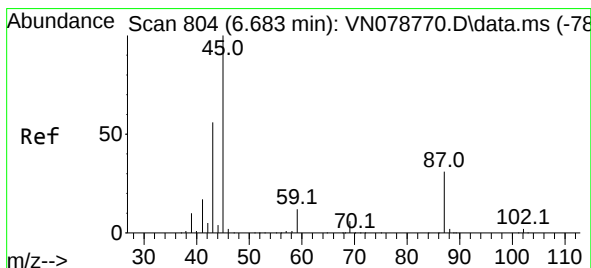
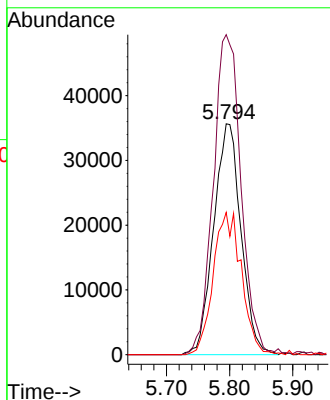
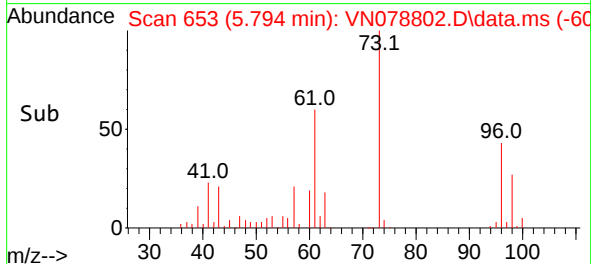
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 106902
Ion Ratio Lower Upper
96 100
61 138.6 90.1 135.1#
98 61.6 46.4 69.6

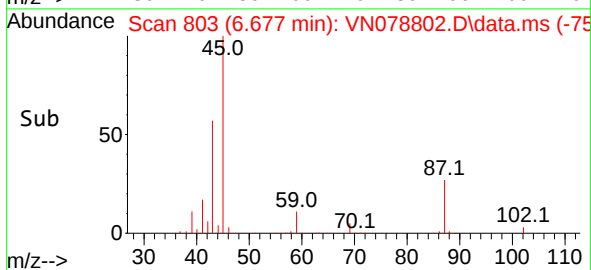
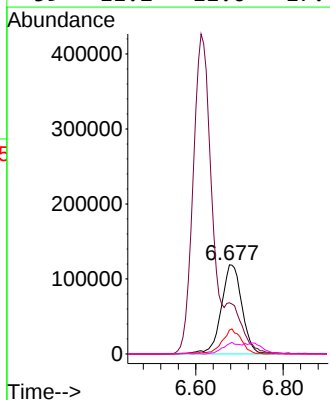
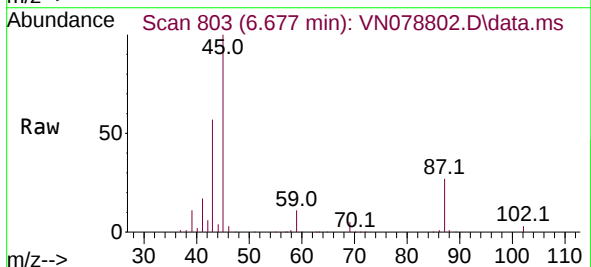
Manual Integrations
APPROVED

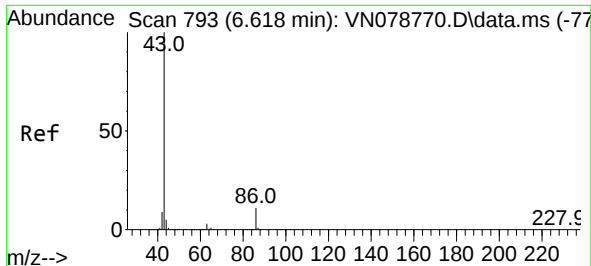
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#22
Diisopropyl ether
Concen: 44.216 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

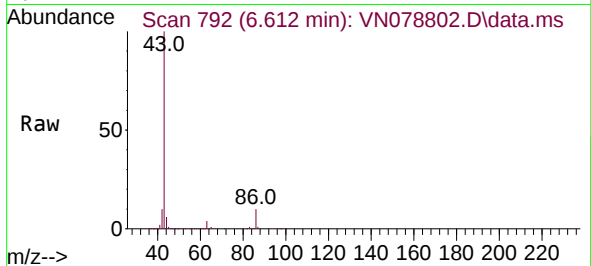
Tgt Ion: 45 Resp: 388514
Ion Ratio Lower Upper
45 100
43 56.0 45.5 68.3
87 26.7 31.8 47.8#
59 11.2 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 257.844 ug/l m
 RT: 6.612 min Scan# 792
 Delta R.T. -0.006 min
 Lab File: VN078802.D
 Acq: 08 Aug 2023 15:43

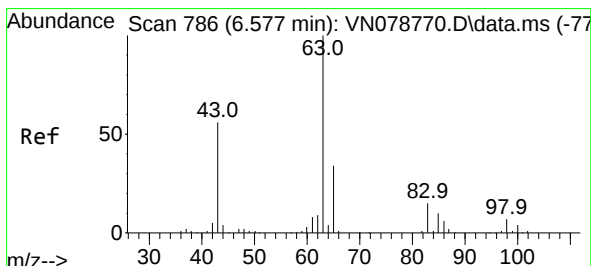
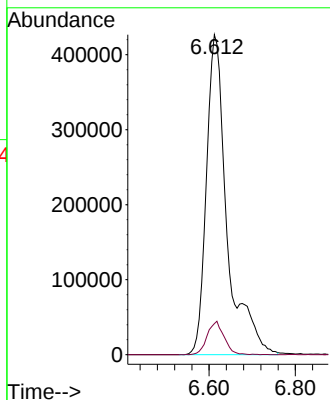
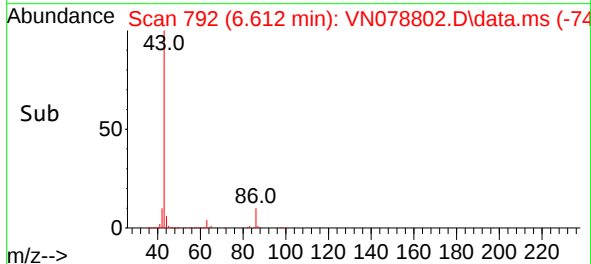
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 142174
 Ion Ratio Lower Upper
 43 100
 86 9.7 13.0 19.6

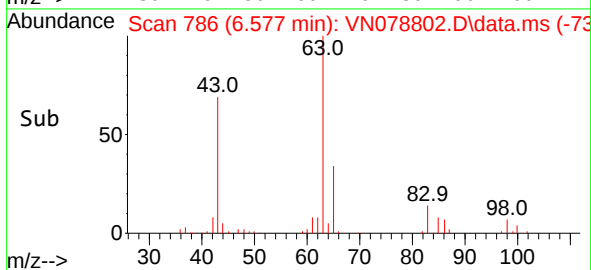
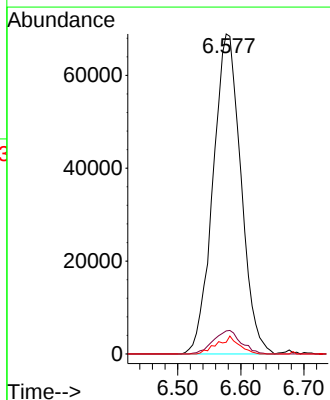
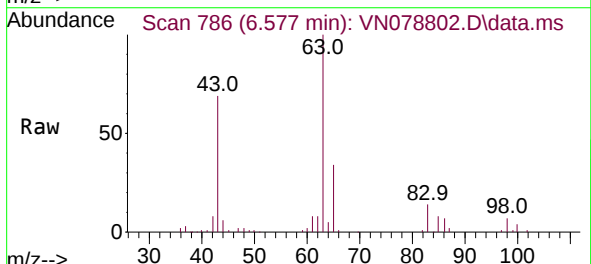
Manual Integrations
 APPROVED

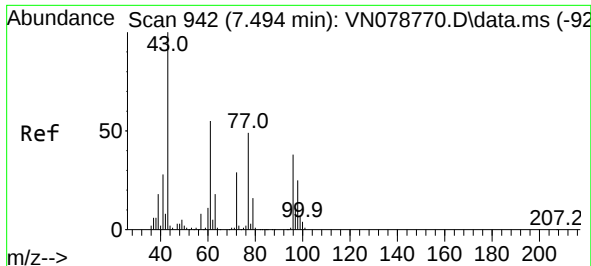
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023



#24
 1,1-Dichloroethane
 Concen: 44.214 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078802.D
 Acq: 08 Aug 2023 15:43

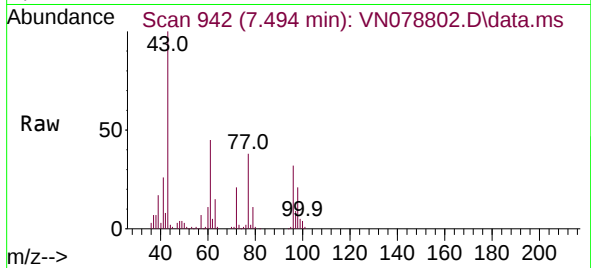
Tgt Ion: 63 Resp: 211254
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 3.7 2.5 7.4





#25
2-Butanone
Concen: 217.339 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

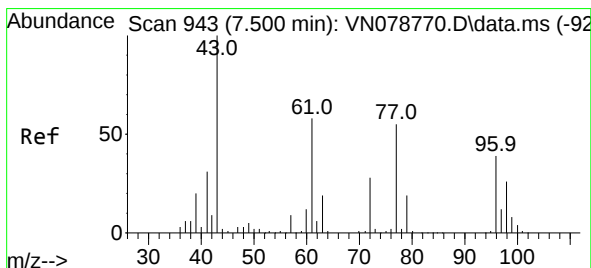
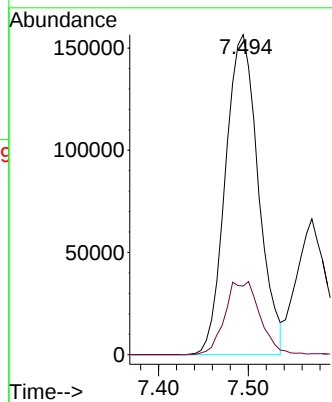
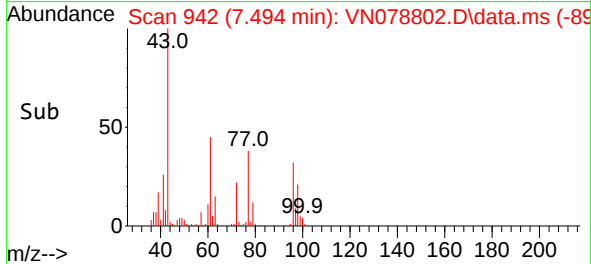
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 398997
Ion Ratio Lower Upper
43 100
72 21.5 30.2 45.2

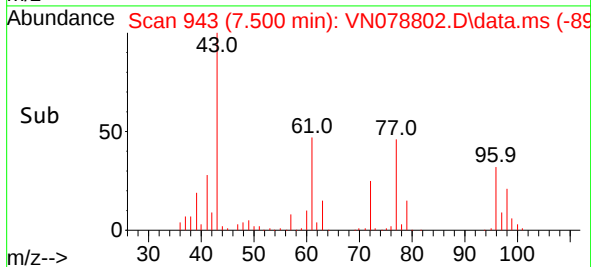
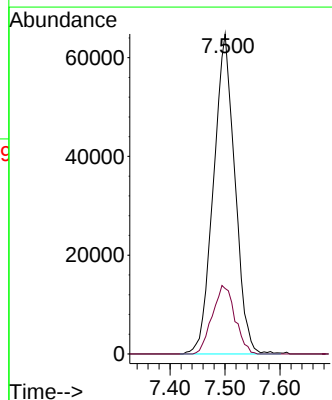
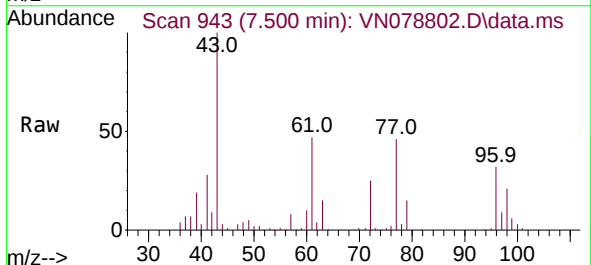
Manual Integrations
APPROVED

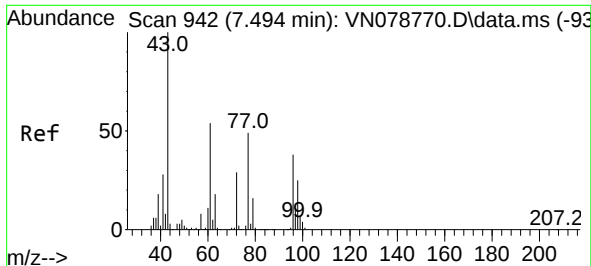
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#26
2,2-Dichloropropane
Concen: 52.586 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

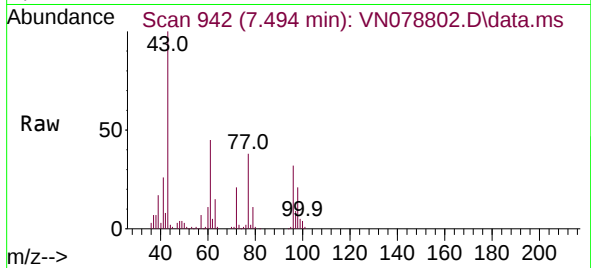
Tgt Ion: 77 Resp: 175461
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 44.995 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN078802.D
 Acq: 08 Aug 2023 15:43

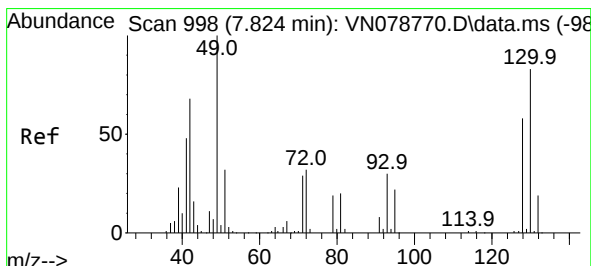
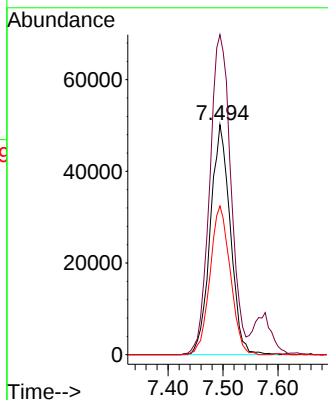
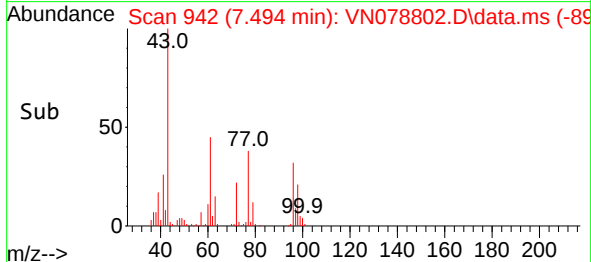
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 126983
 Ion Ratio Lower Upper
 96 100
 61 146.6 0.0 255.2
 98 65.5 0.0 128.8

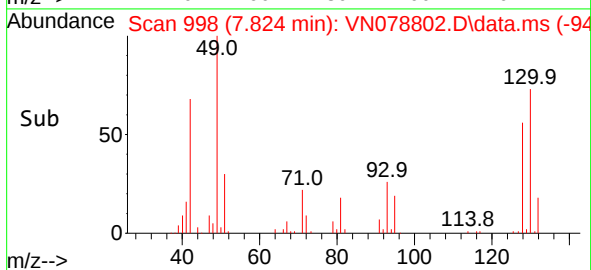
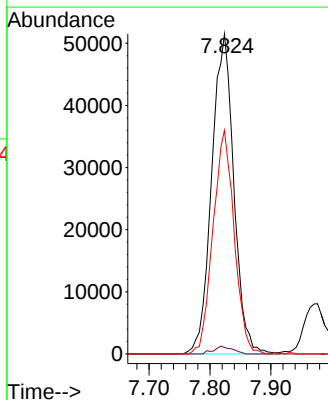
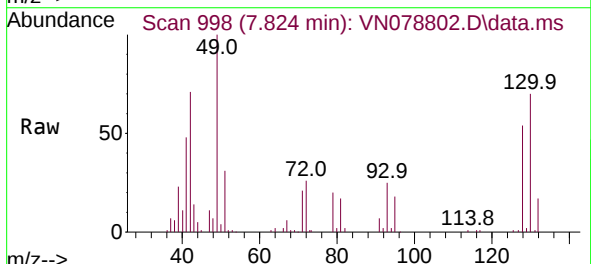
Manual Integrations
 APPROVED

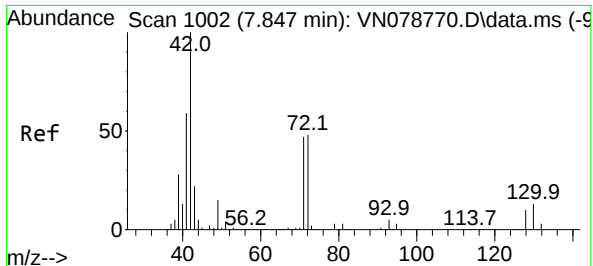
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023



#28
 Bromochloromethane
 Concen: 50.170 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN078802.D
 Acq: 08 Aug 2023 15:43

Tgt Ion: 49 Resp: 129892
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 66.9 75.3 112.9#





#29

Tetrahydrofuran

Concen: 206.335 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078802.D

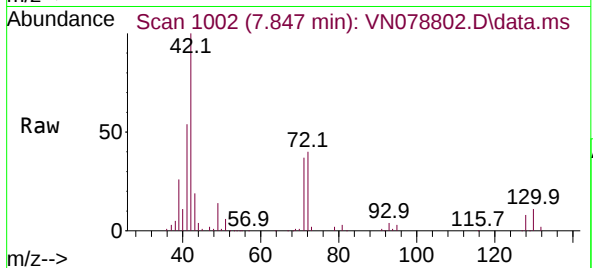
Acq: 08 Aug 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



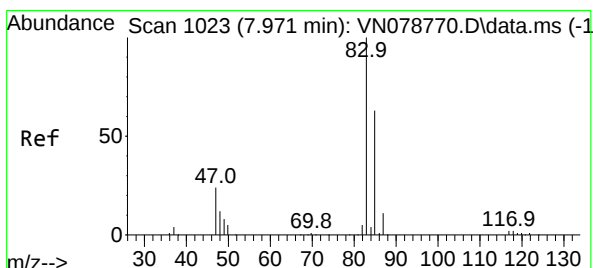
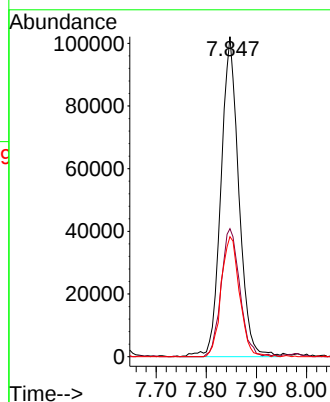
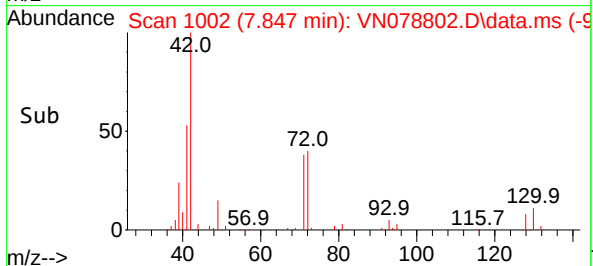
Tgt Ion:	42	Resp:	25348
Ion Ratio	100	Lower	Upper
42	100		
72	41.5	49.8	74.6
71	38.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#30

Chloroform

Concen: 44.911 ug/l

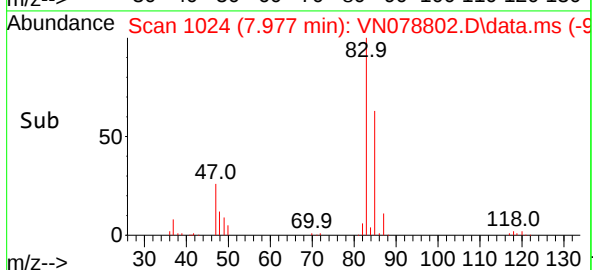
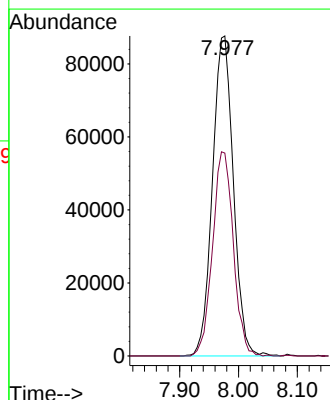
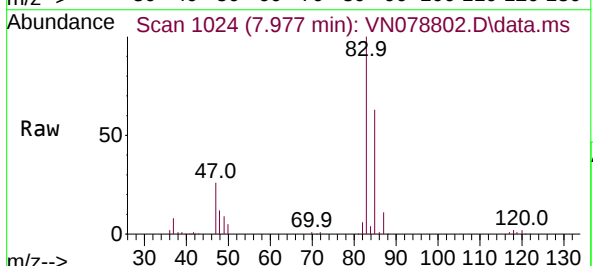
RT: 7.977 min Scan# 1024

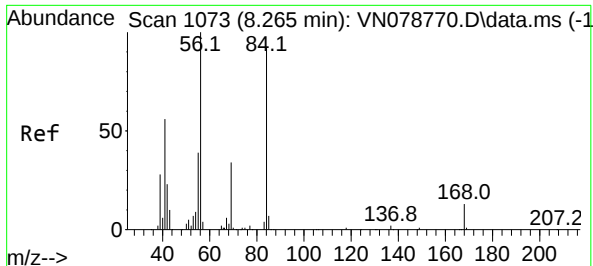
Delta R.T. 0.006 min

Lab File: VN078802.D

Acq: 08 Aug 2023 15:43

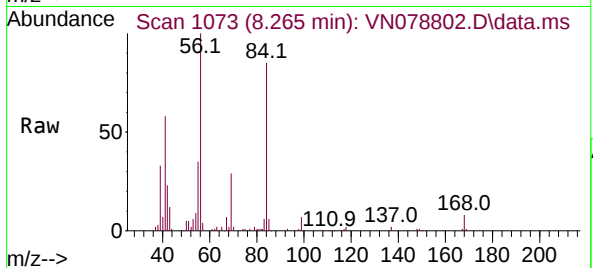
Tgt Ion:	83	Resp:	216117
Ion Ratio	100	Lower	Upper
83	100		
85	63.4	55.4	83.0





#31
Cyclohexane
Concen: 41.699 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

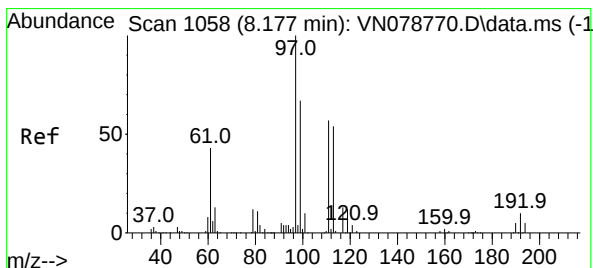
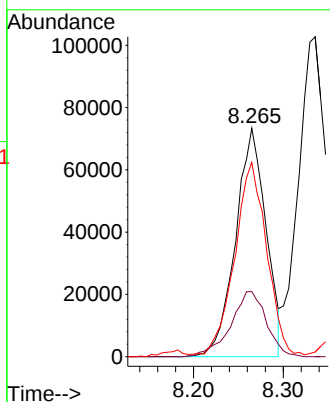
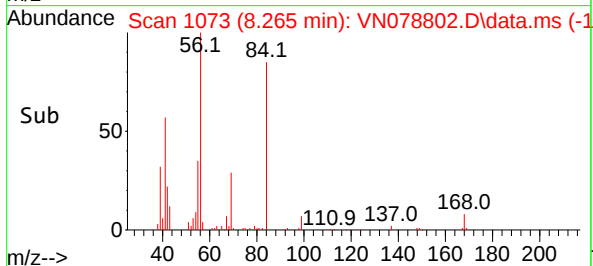
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



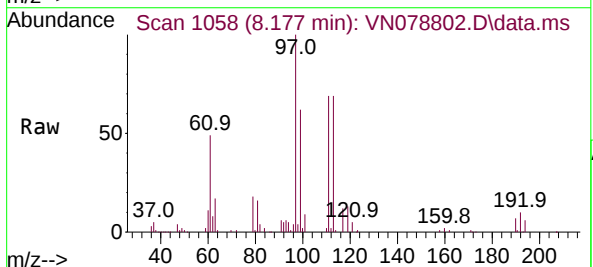
Tgt Ion: 56 Resp: 172639
Ion Ratio Lower Upper
56 100
69 28.5 26.8 40.2
84 82.1 81.8 122.6

Manual Integrations
APPROVED

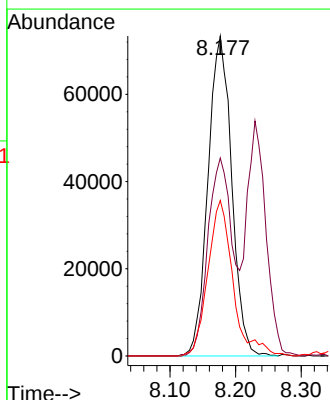
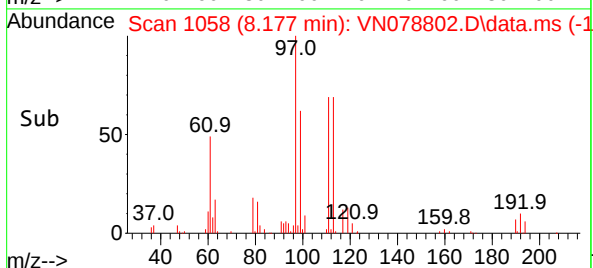
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

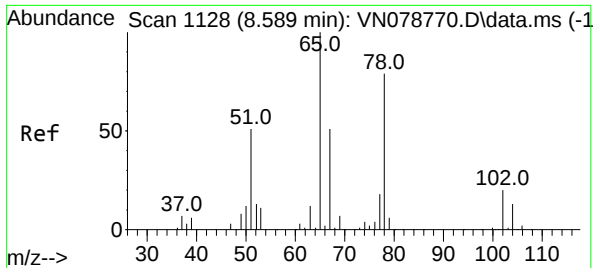


#32
1,1,1-Trichloroethane
Concen: 45.041 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43



Tgt Ion: 97 Resp: 184230
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 51.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.098 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN078802.D

Acq: 08 Aug 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 146790

Ion Ratio Lower Upper

65 100

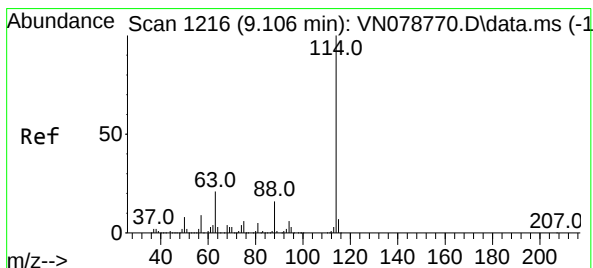
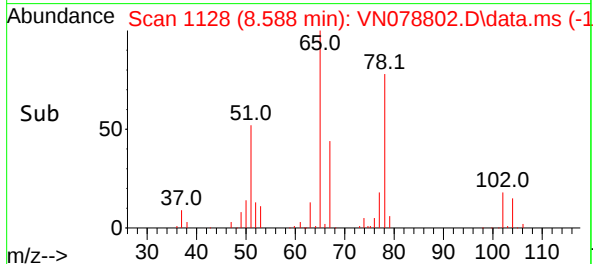
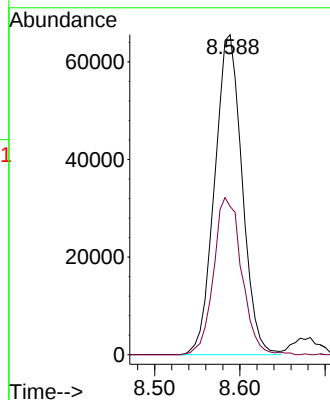
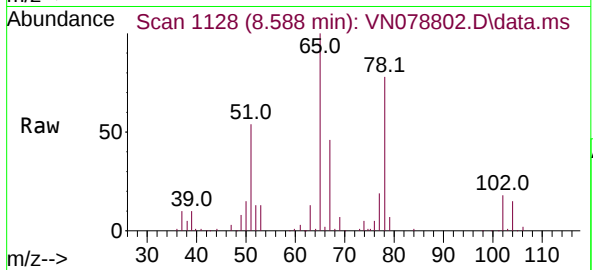
67 50.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078802.D

Acq: 08 Aug 2023 15:43

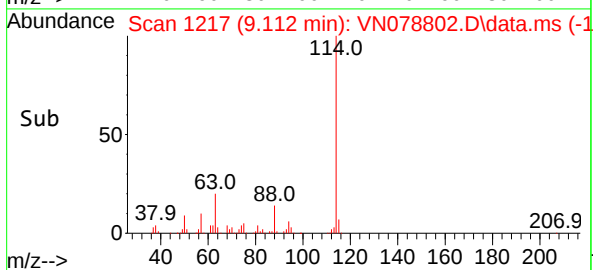
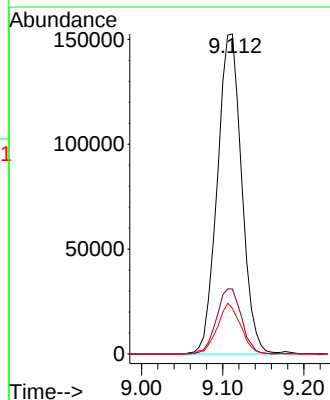
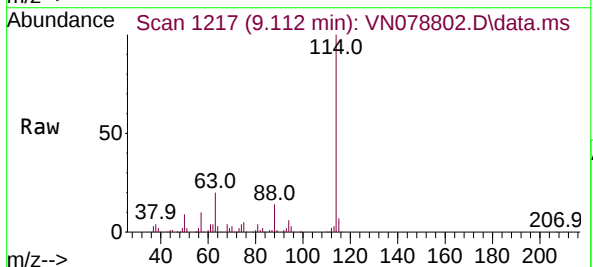
Tgt Ion:114 Resp: 318067

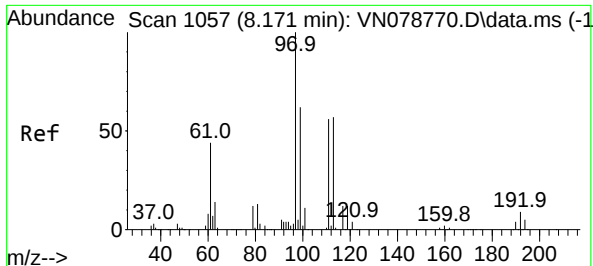
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 14.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.546 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN078802.D

Acq: 08 Aug 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

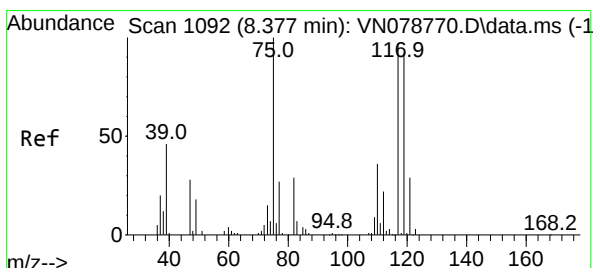
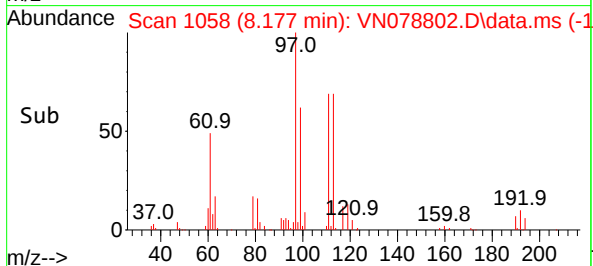
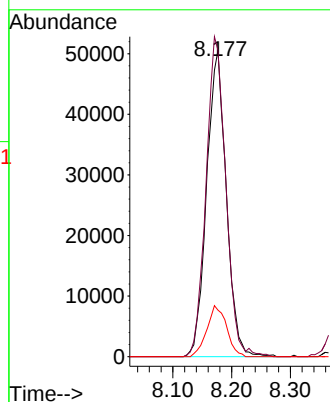
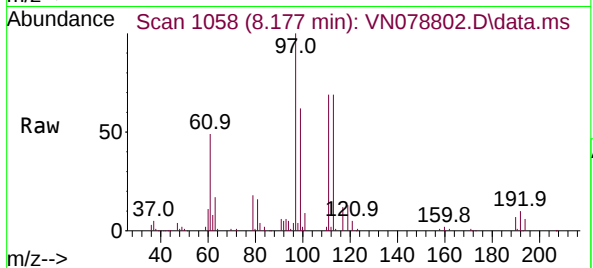
Tgt Ion:	113	Resp:	11716
Ion Ratio	Lower	Upper	
113	100		
111	105.4	82.6	123.8
192	16.8	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#36

1,1-Dichloropropene

Concen: 47.765 ug/l

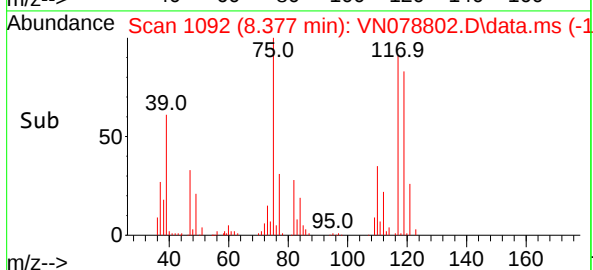
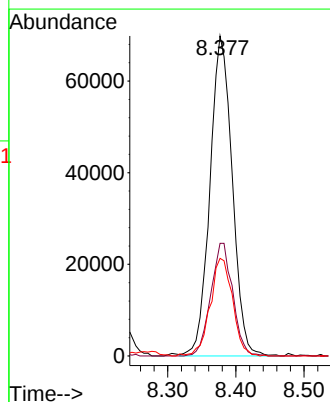
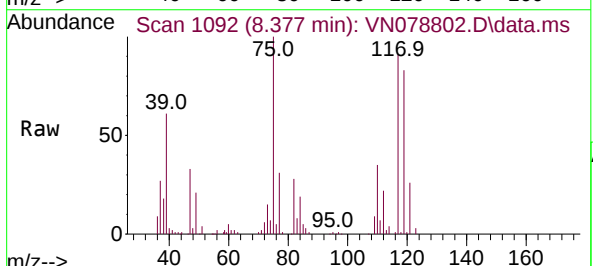
RT: 8.377 min Scan# 1092

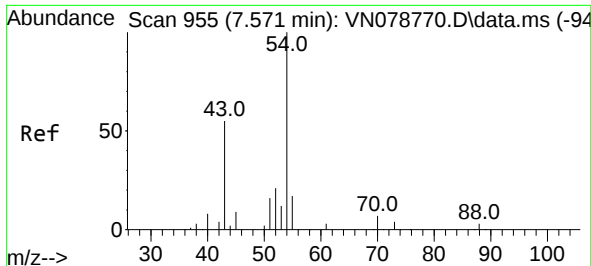
Delta R.T. -0.000 min

Lab File: VN078802.D

Acq: 08 Aug 2023 15:43

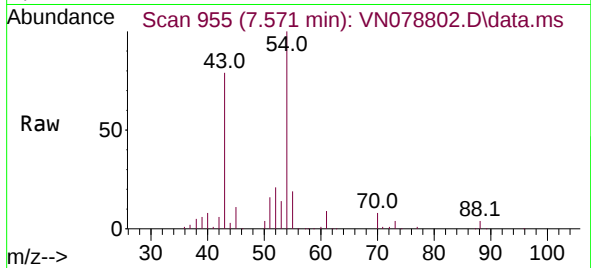
Tgt Ion:	75	Resp:	159171
Ion Ratio	Lower	Upper	
75	100		
110	34.6	19.1	57.3
77	30.8	25.0	37.4





#37
Ethyl Acetate
Concen: 45.404 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

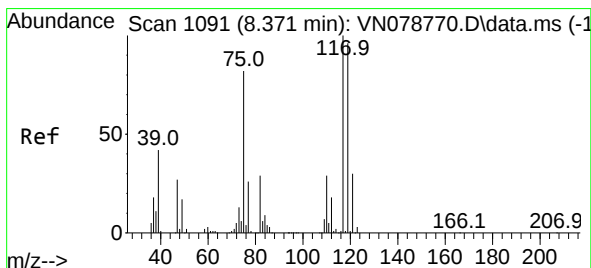
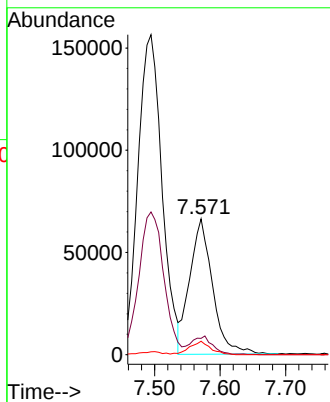
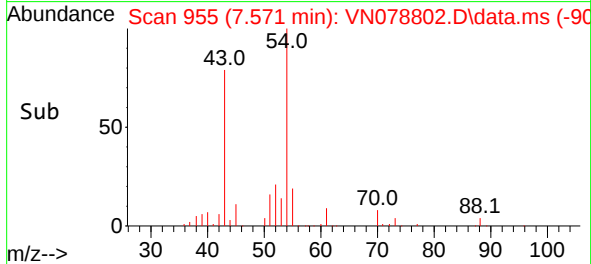
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 160869
Ion Ratio Lower Upper
43 100
61 11.4 13.2 19.8
70 9.0 11.3 16.9

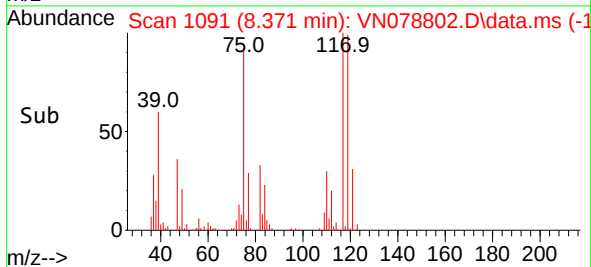
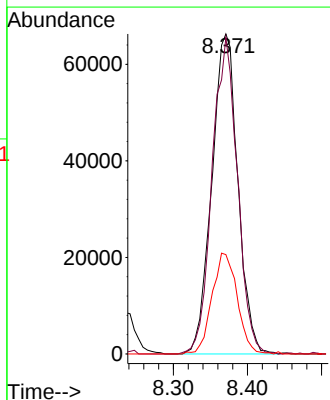
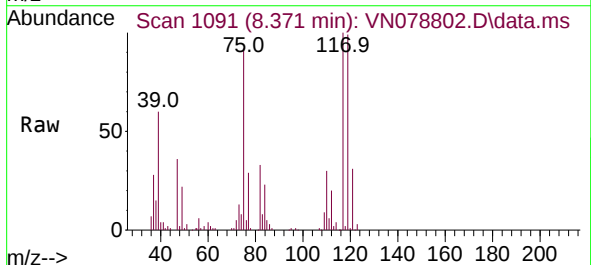
Manual Integrations
APPROVED

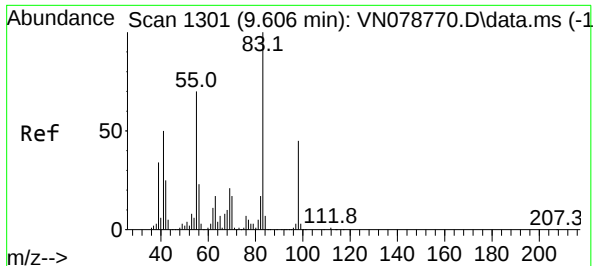
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#38
Carbon Tetrachloride
Concen: 47.112 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

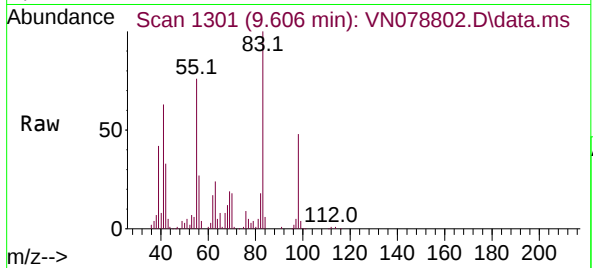
Tgt Ion:117 Resp: 161842
Ion Ratio Lower Upper
117 100
119 98.9 77.3 115.9
121 31.1 23.3 34.9





#39
Methylcyclohexane
Concen: 49.119 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

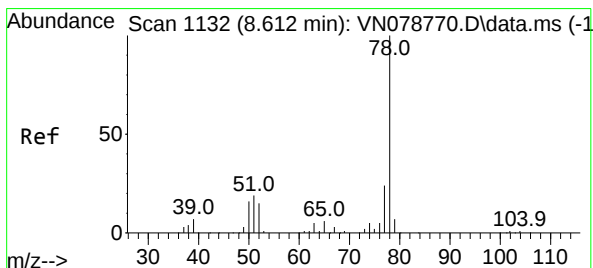
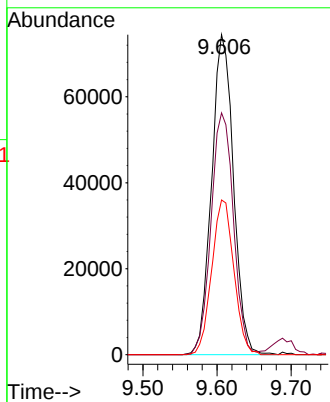
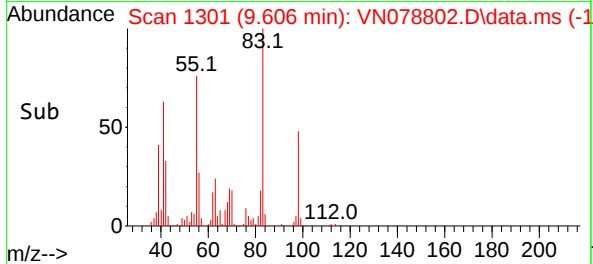
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 15288
Ion Ratio Lower Upper
83 100
55 75.6 49.1 73.7
98 48.4 40.6 61.0

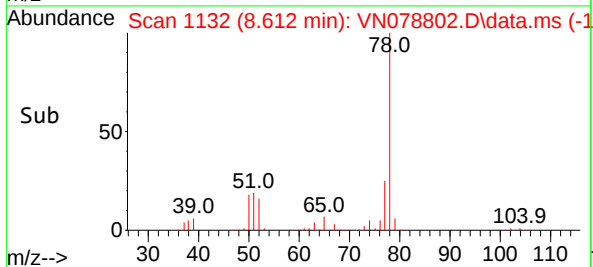
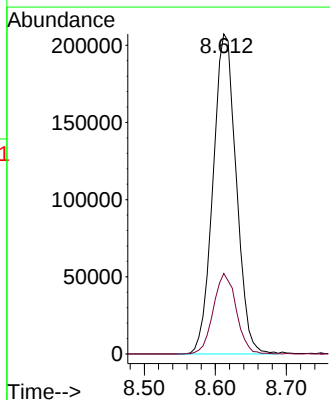
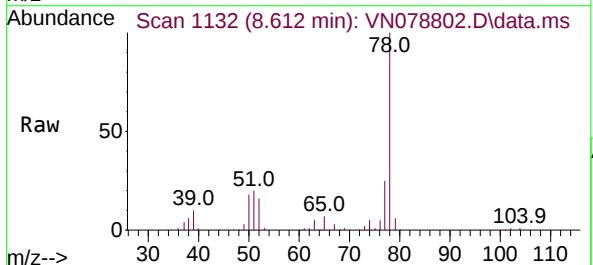
Manual Integrations
APPROVED

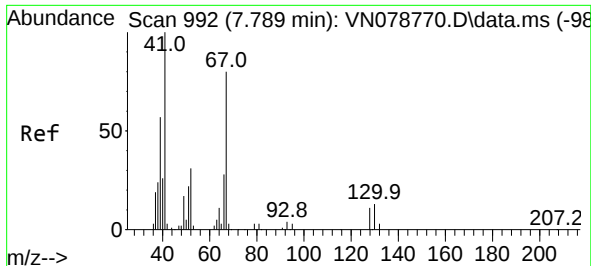
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#40
Benzene
Concen: 46.674 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

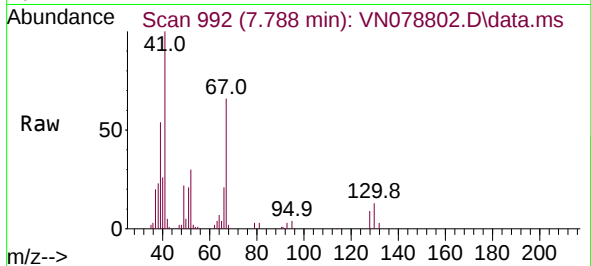
Tgt Ion: 78 Resp: 470430
Ion Ratio Lower Upper
78 100
77 25.1 19.0 28.6





#41
Methacrylonitrile
Concen: 42.464 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

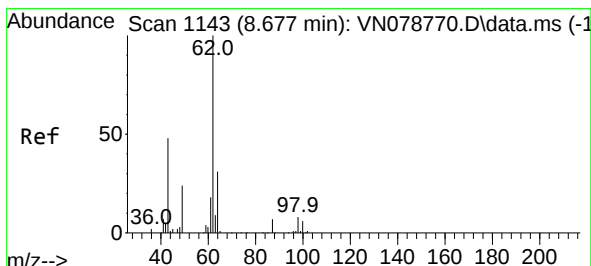
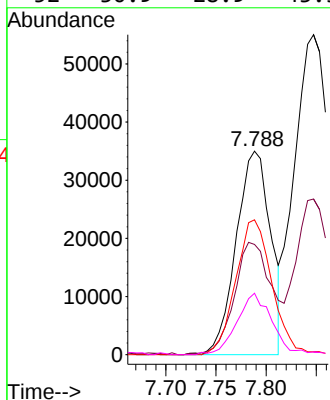
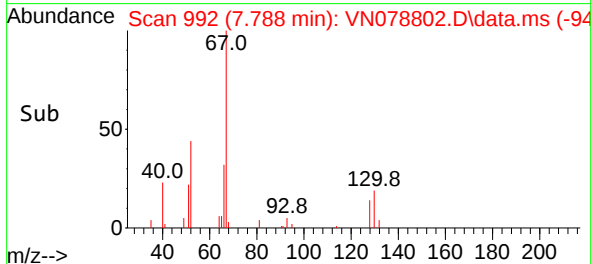
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	8365
Ion Ratio	Lower	Upper	
41	100		
39	61.4	42.6	64.0
67	70.3	77.5	116.3
52	30.9	28.9	43.3

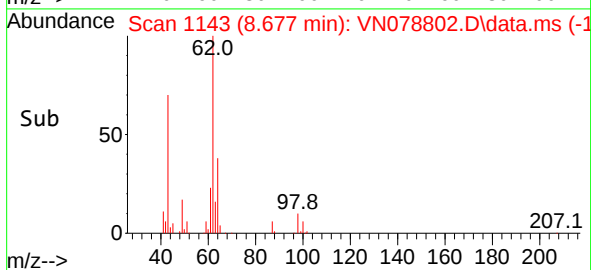
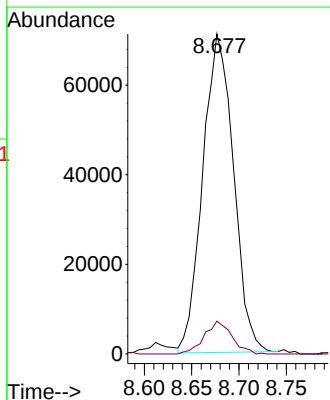
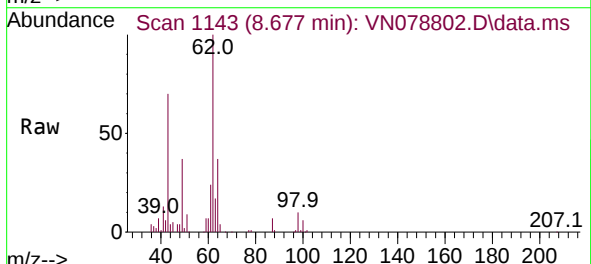
Manual Integrations
APPROVED

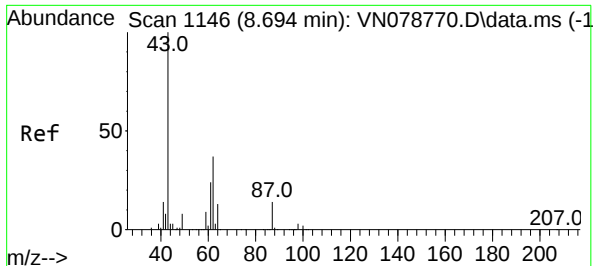
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#42
1,2-Dichloroethane
Concen: 44.338 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

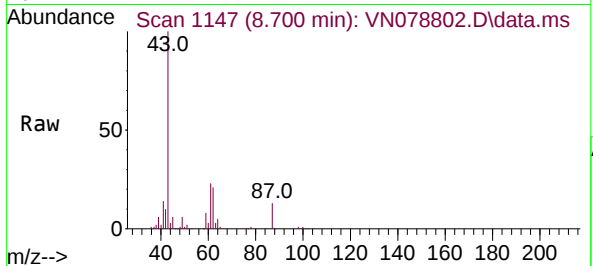
Tgt Ion:	62	Resp:	160627
Ion Ratio	Lower	Upper	
62	100		
98	9.2	0.0	19.8





#43
Isopropyl Acetate
Concen: 48.508 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

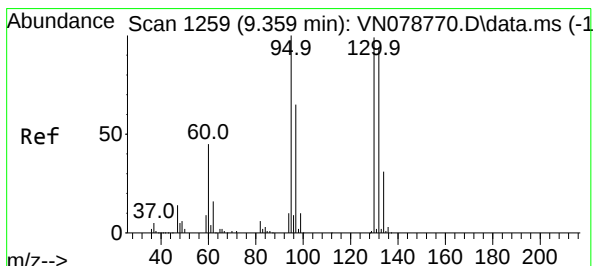
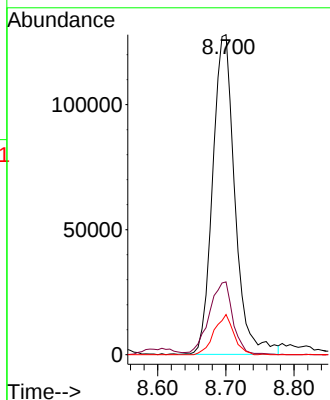
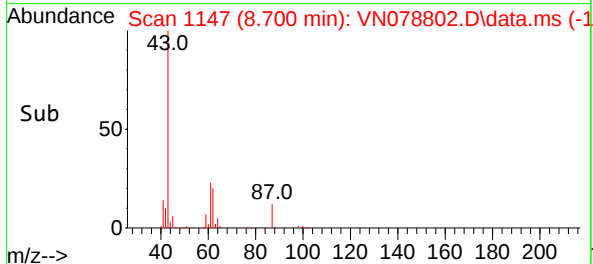
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 289764
Ion Ratio Lower Upper
43 100
61 24.5 24.7 37.1
87 11.2 14.6 21.8

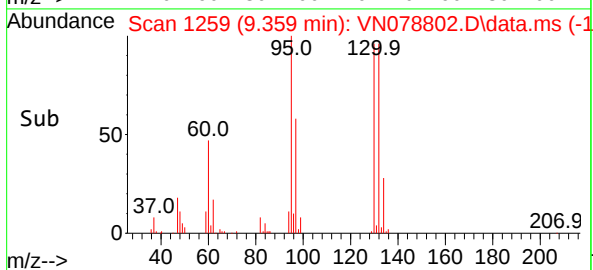
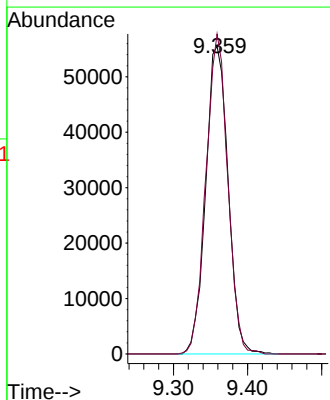
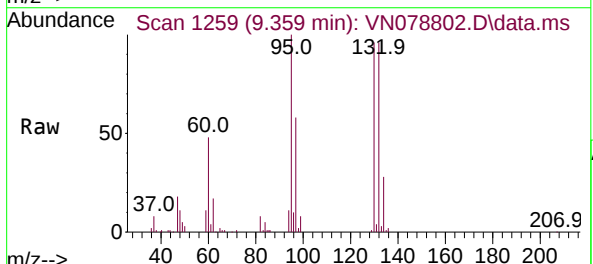
Manual Integrations
APPROVED

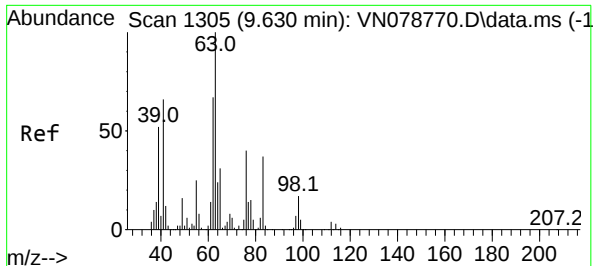
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#44
Trichloroethene
Concen: 47.468 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

Tgt Ion:130 Resp: 117173
Ion Ratio Lower Upper
130 100
95 104.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 46.301 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN078802.D

Acq: 08 Aug 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 12510

Ion Ratio Lower Upper

63 100

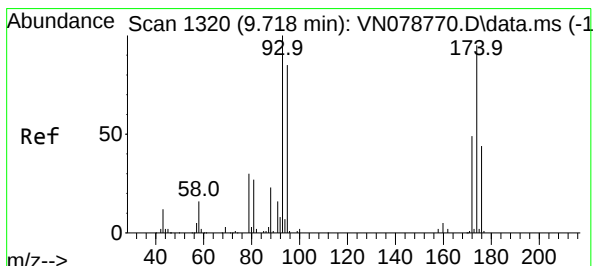
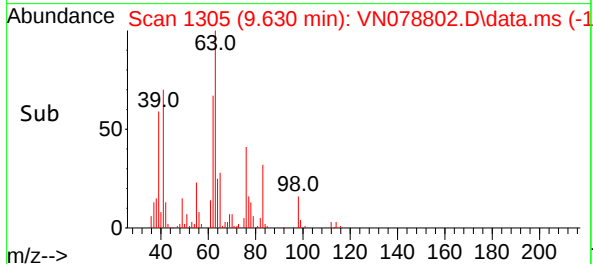
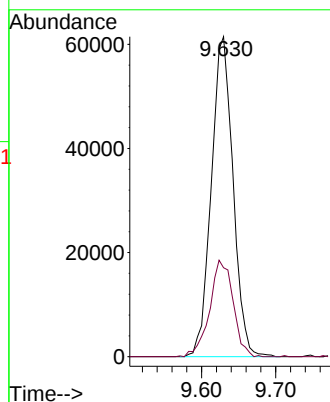
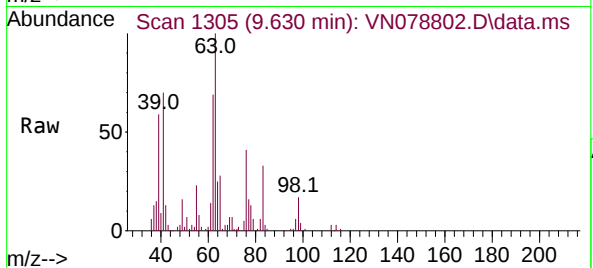
65 27.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#46

Dibromomethane

Concen: 46.598 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078802.D

Acq: 08 Aug 2023 15:43

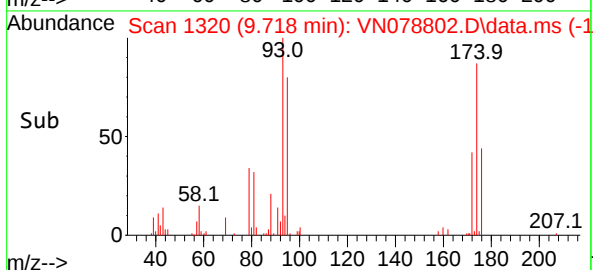
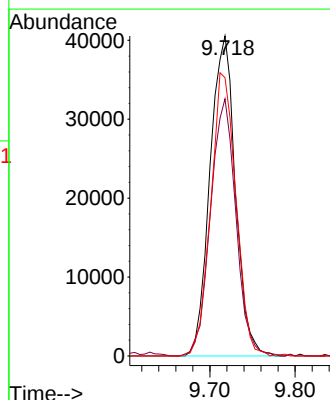
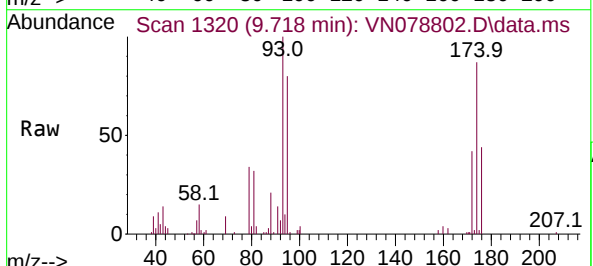
Tgt Ion: 93 Resp: 83798

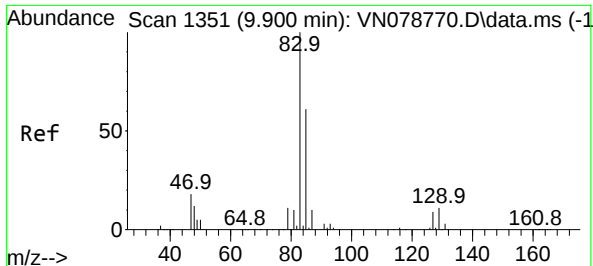
Ion Ratio Lower Upper

93 100

95 80.4 63.8 95.8

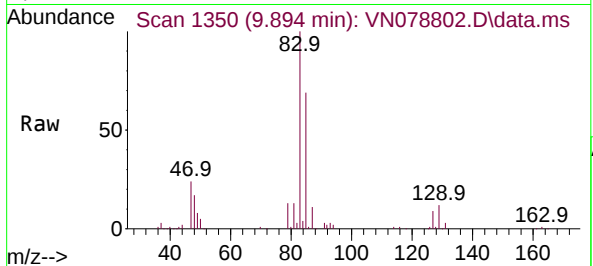
174 88.1 65.6 98.4





#47
Bromodichloromethane
Concen: 46.951 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.006 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

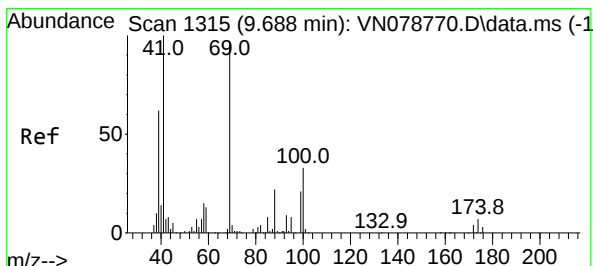
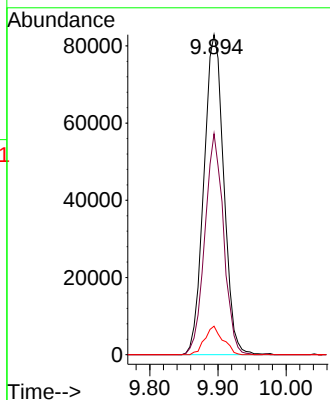
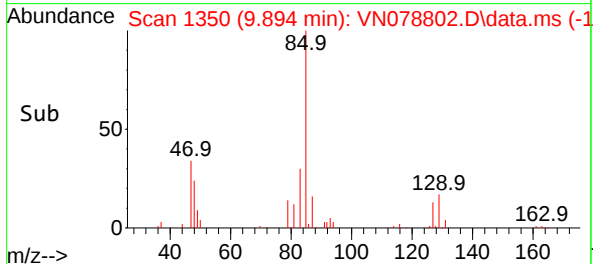
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 16805
Ion Ratio Lower Upper
83 100
85 69.0 49.6 74.4
127 8.9 7.0 10.6

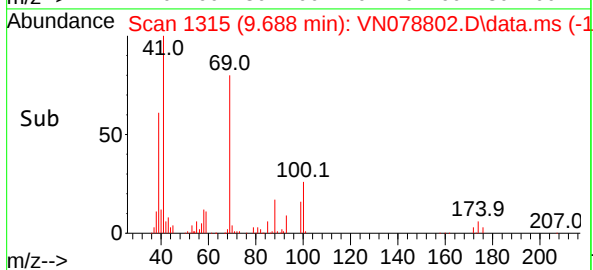
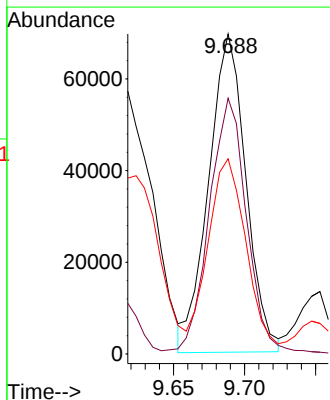
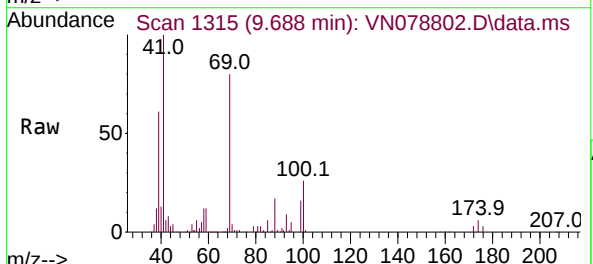
Manual Integrations
APPROVED

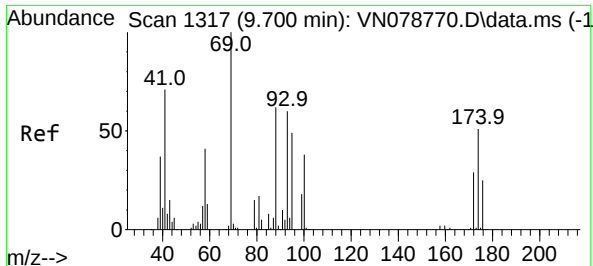
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#48
Methyl methacrylate
Concen: 45.912 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

Tgt Ion: 41 Resp: 126721
Ion Ratio Lower Upper
41 100
69 81.3 90.4 135.6#
39 63.1 54.6 81.8





#49

1,4-Dioxane

Concen: 900.237 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078802.D

Acq: 08 Aug 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 40348

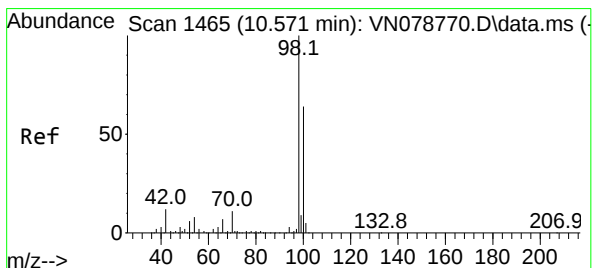
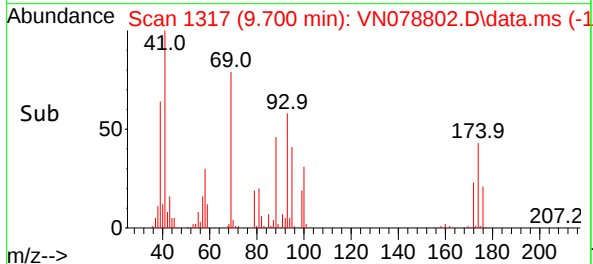
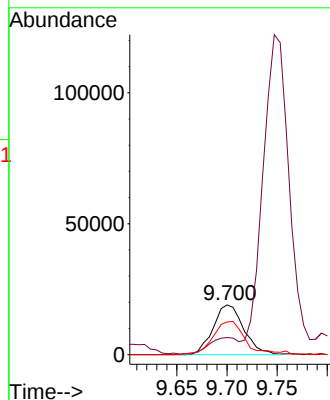
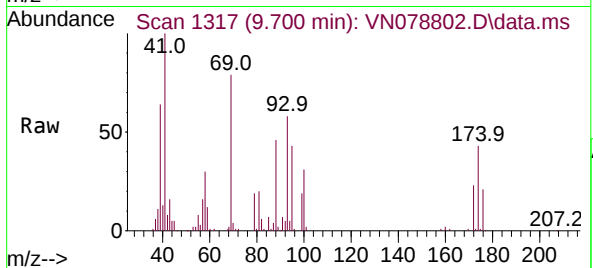
Ion	Ratio	Lower	Upper
88	100		
43	31.7	17.0	25.6
58	71.3	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#50

Toluene-d8

Concen: 56.113 ug/l

RT: 10.571 min Scan# 1465

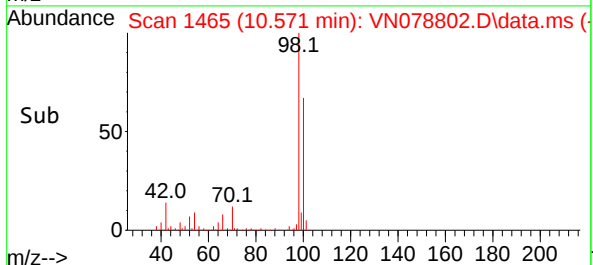
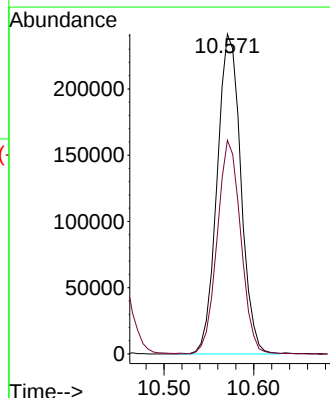
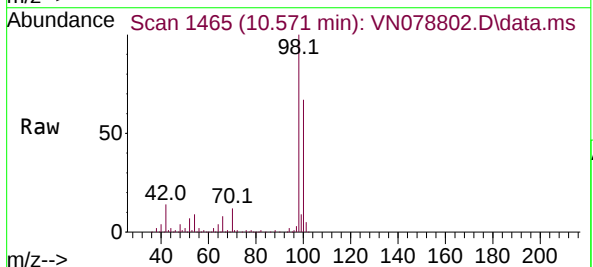
Delta R.T. -0.000 min

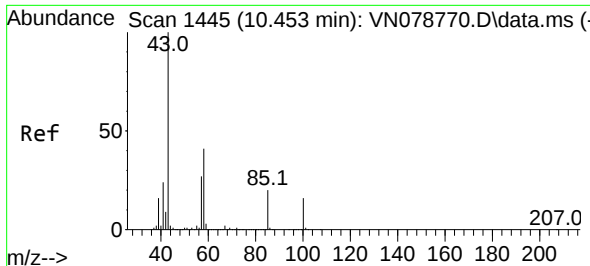
Lab File: VN078802.D

Acq: 08 Aug 2023 15:43

Tgt Ion: 98 Resp: 443542

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.0	78.0





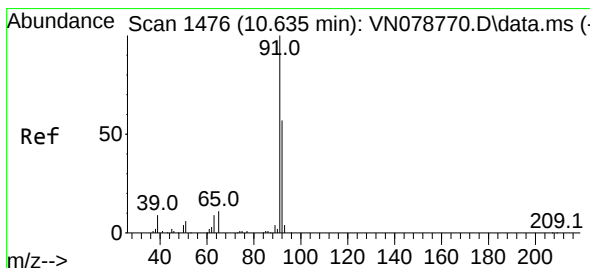
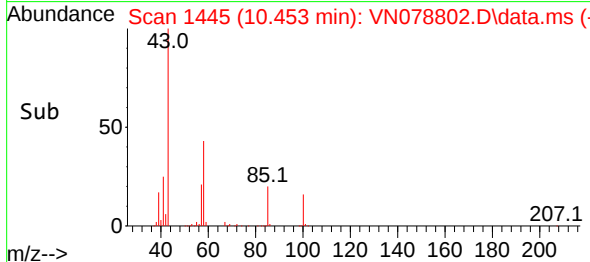
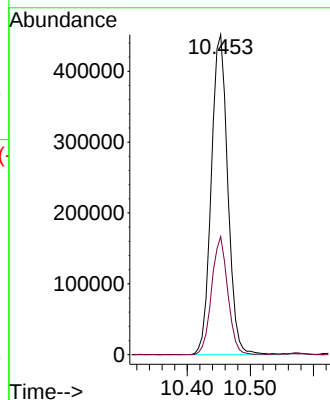
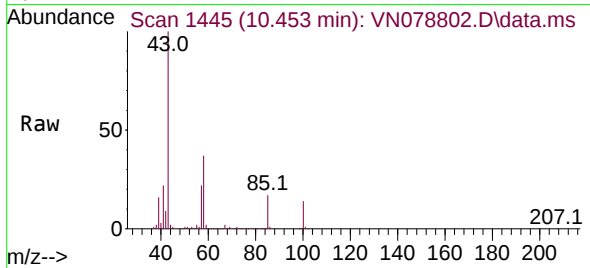
#51
4-Methyl-2-Pentanone
Concen: 224.154 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 82015
Ion Ratio Lower Upper
43 100
58 36.0 36.6 54.8

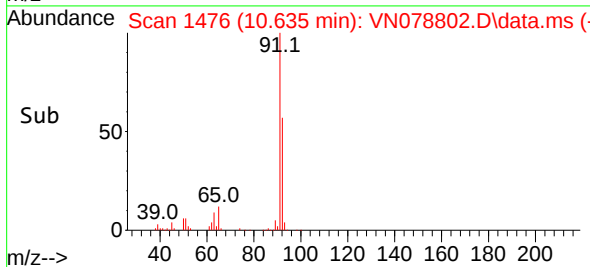
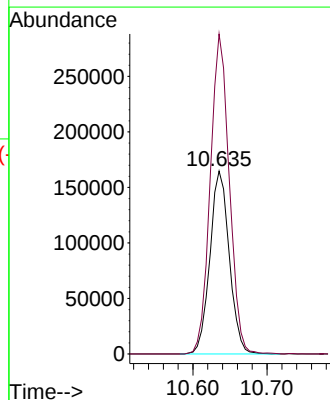
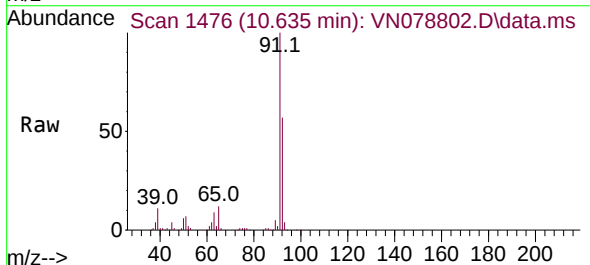
Manual Integrations
APPROVED

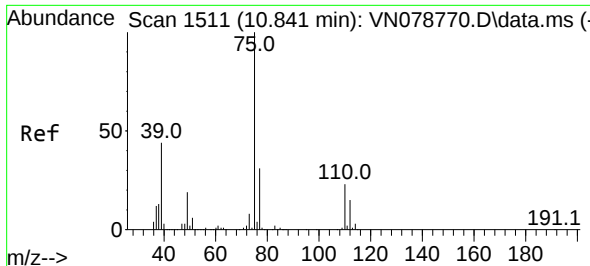
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#52
Toluene
Concen: 48.528 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

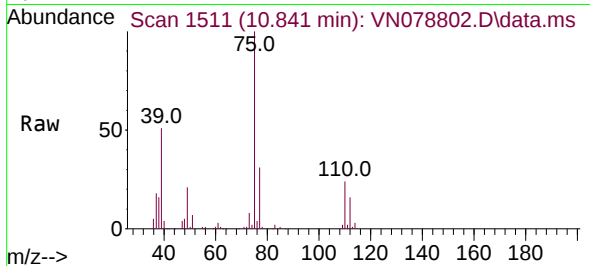
Tgt Ion: 92 Resp: 298710
Ion Ratio Lower Upper
92 100
91 171.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 49.506 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

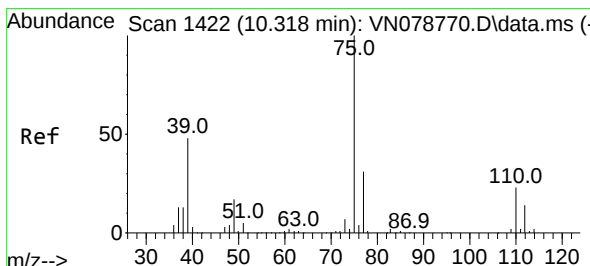
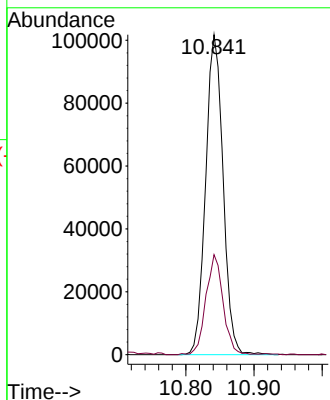
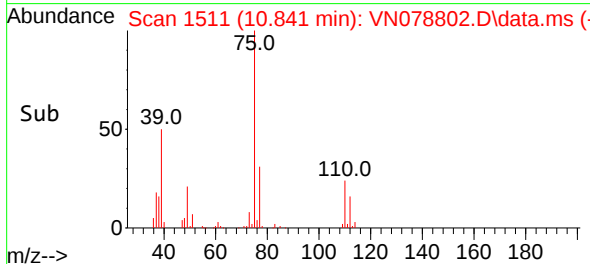
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 18105
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0

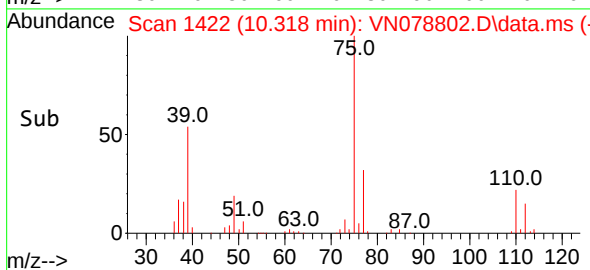
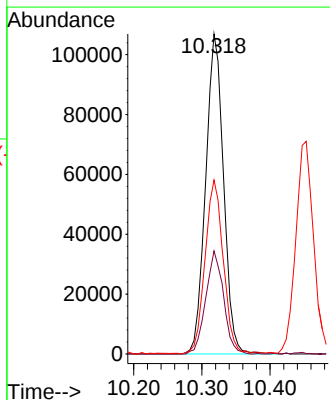
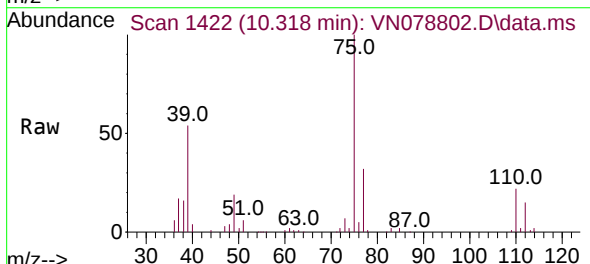
Manual Integrations
APPROVED

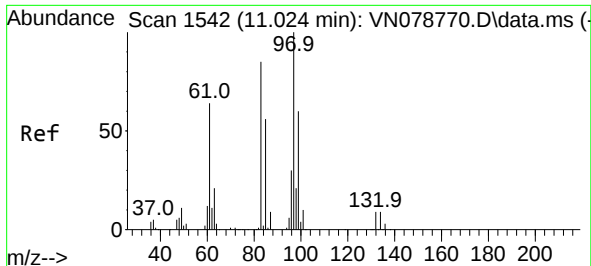
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#54
cis-1,3-Dichloropropene
Concen: 49.214 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

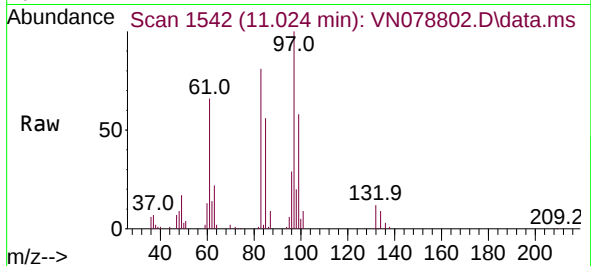
Tgt Ion: 75 Resp: 195544
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
39 54.2 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 47.028 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

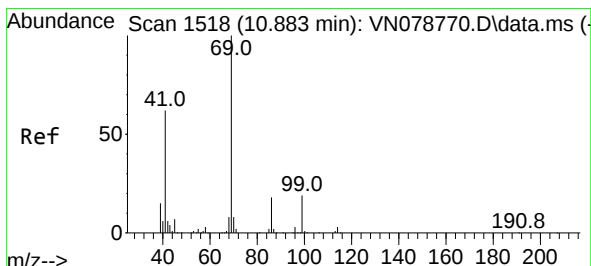
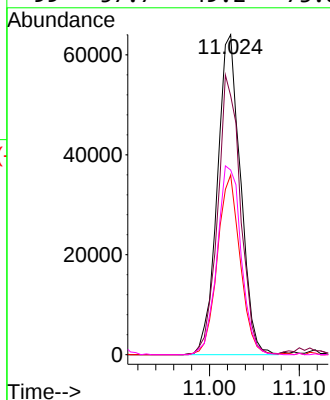
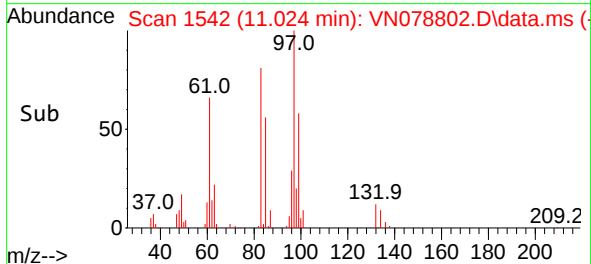
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



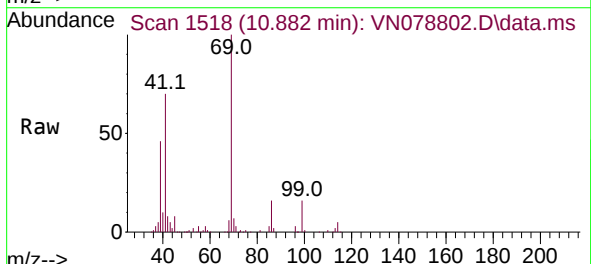
Tgt Ion:	97	Resp:	11506
Ion	Ratio	Lower	Upper
97	100		
83	80.9	65.1	97.7
85	56.1	43.4	65.2
99	57.7	49.2	73.8

Manual Integrations
APPROVED

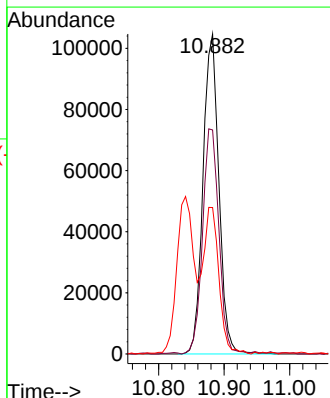
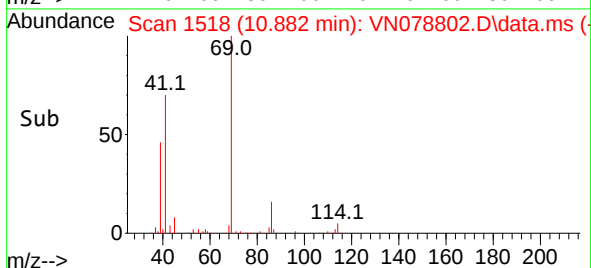
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

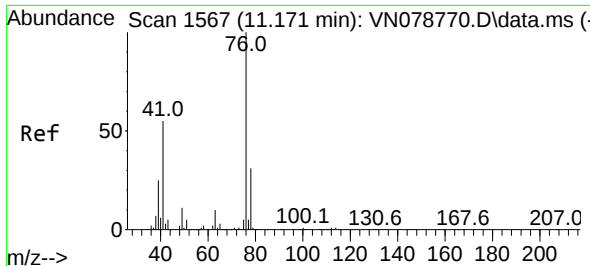


#56
Ethyl methacrylate
Concen: 49.596 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43



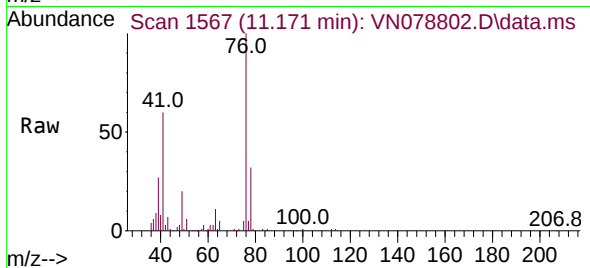
Tgt Ion:	69	Resp:	175971
Ion	Ratio	Lower	Upper
69	100		
41	72.7	39.6	59.4#
39	46.0	28.6	43.0#





#57
1,3-Dichloropropane
Concen: 46.733 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

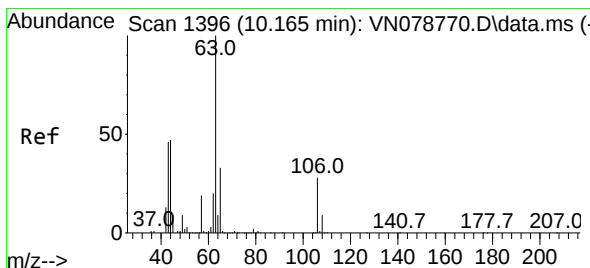
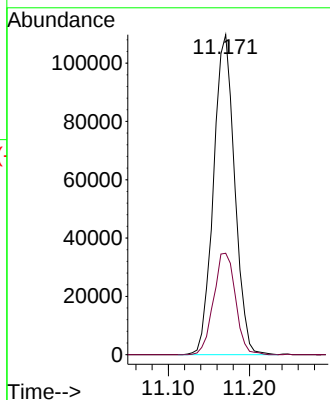
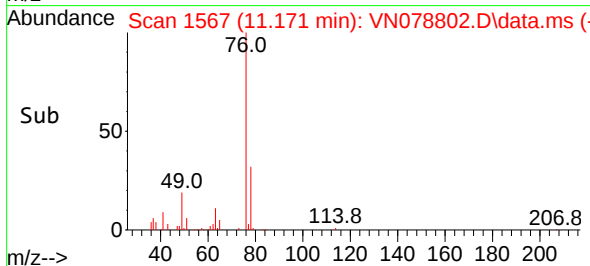
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



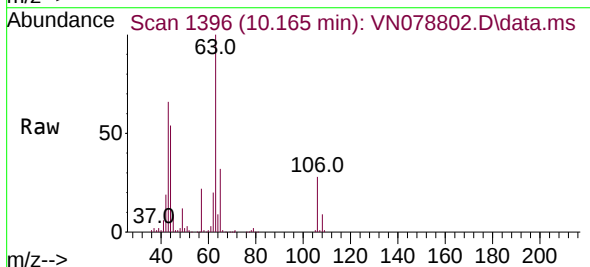
Tgt Ion: 76 Resp: 19880
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1

Manual Integrations
APPROVED

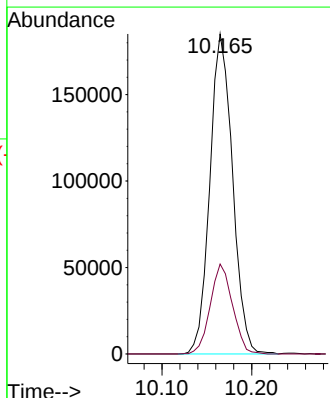
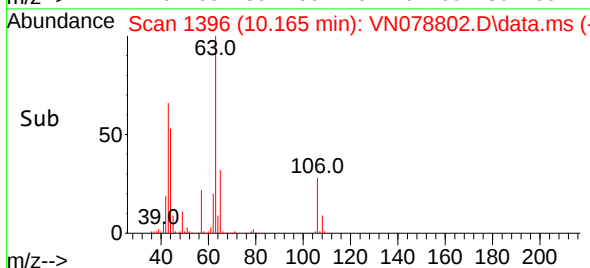
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

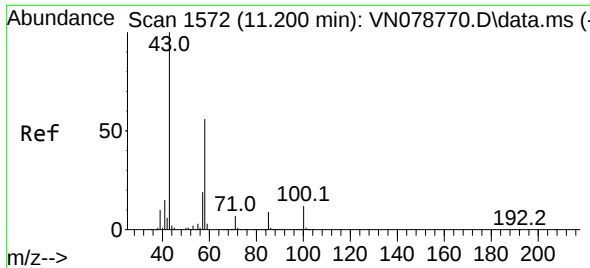


#58
2-Chloroethyl Vinyl ether
Concen: 255.381 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43



Tgt Ion: 63 Resp: 325305
Ion Ratio Lower Upper
63 100
106 27.5 26.2 39.4





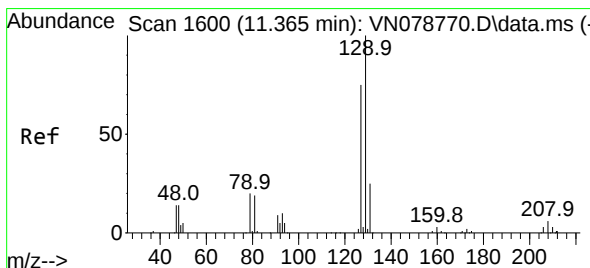
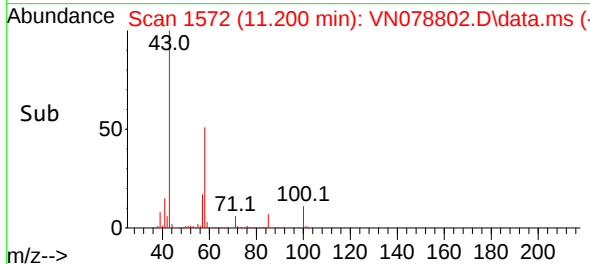
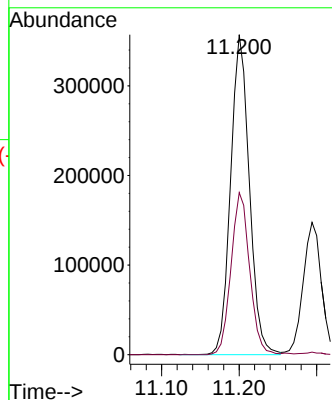
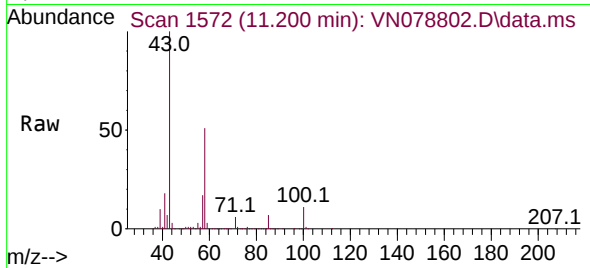
#59
2-Hexanone
Concen: 231.841 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 60065
Ion Ratio Lower Upper
43 100
58 50.4 31.7 95.1

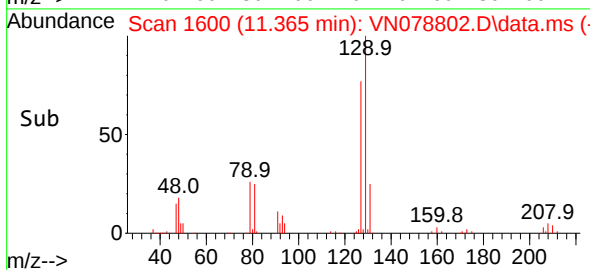
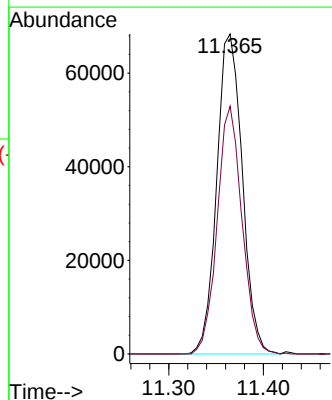
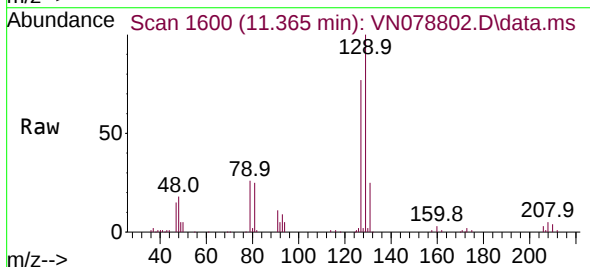
Manual Integrations
APPROVED

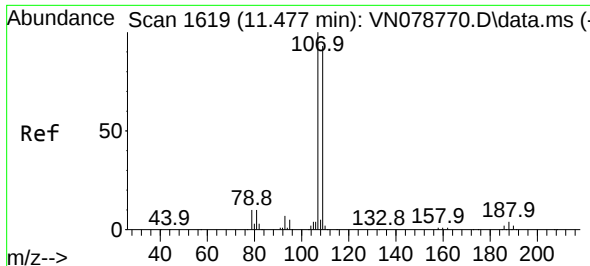
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#60
Dibromochloromethane
Concen: 49.986 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

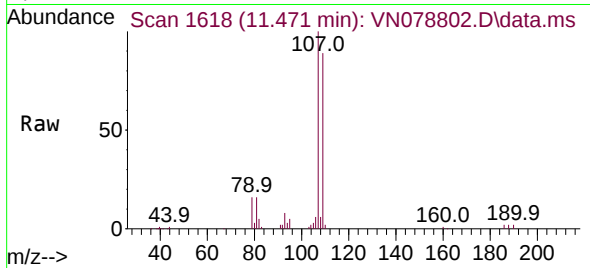
Tgt Ion:129 Resp: 128364
Ion Ratio Lower Upper
129 100
127 75.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 45.928 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

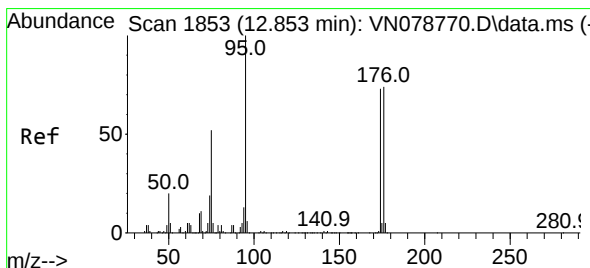
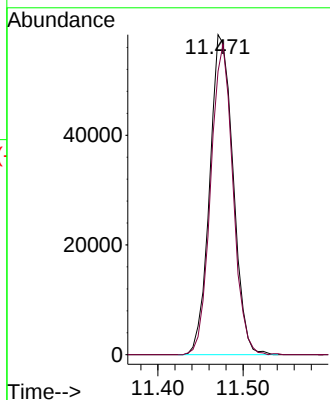
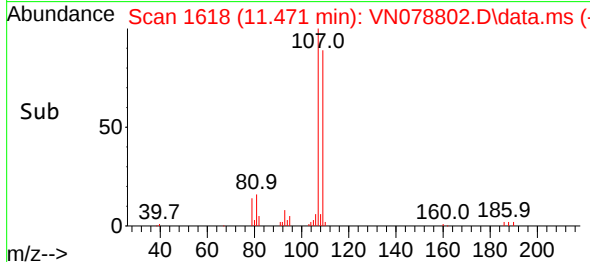
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



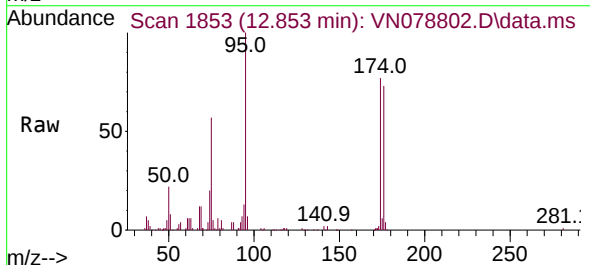
Tgt Ion:107 Resp: 11130
Ion Ratio Lower Upper
107 100
109 91.9 76.6 114.8

Manual Integrations
APPROVED

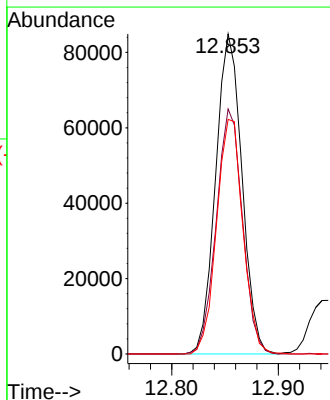
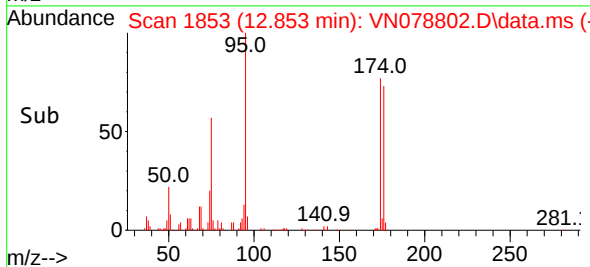
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

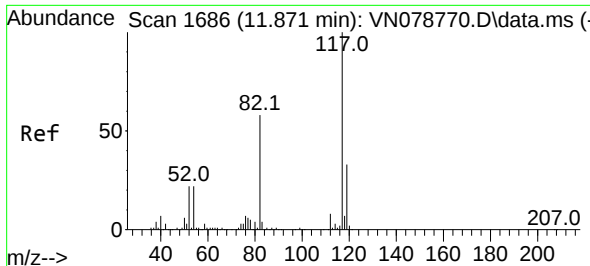


#62
4-Bromofluorobenzene
Concen: 61.572 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43



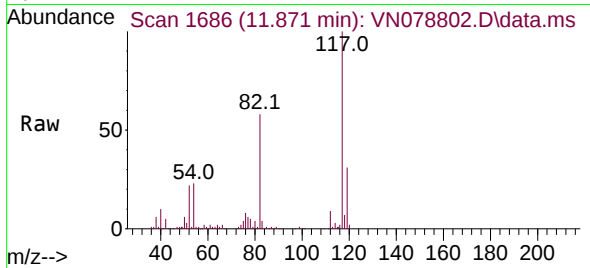
Tgt Ion: 95 Resp: 145453
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 73.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

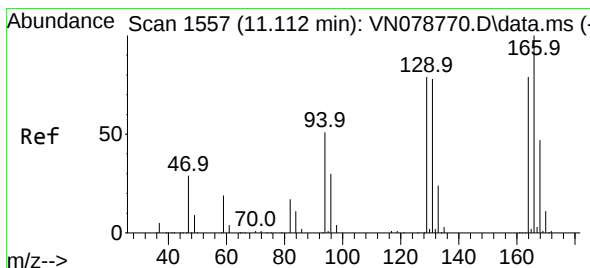
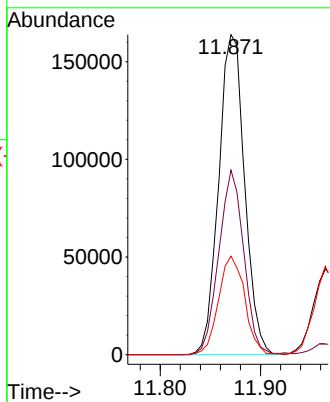
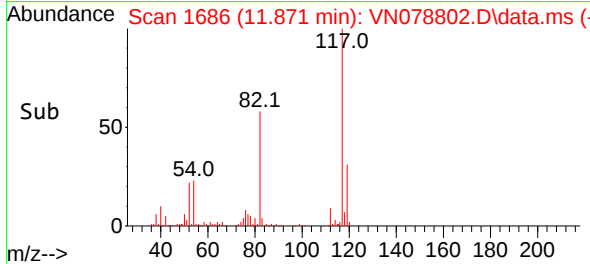
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 294694
Ion Ratio Lower Upper
117 100
82 57.6 44.0 66.0
119 30.8 25.6 38.4

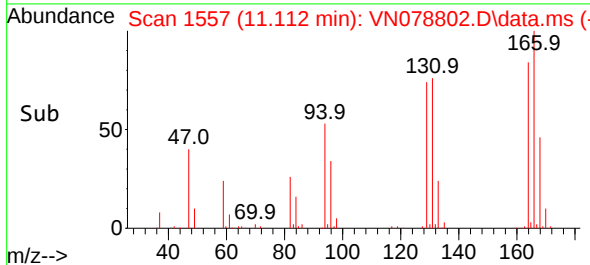
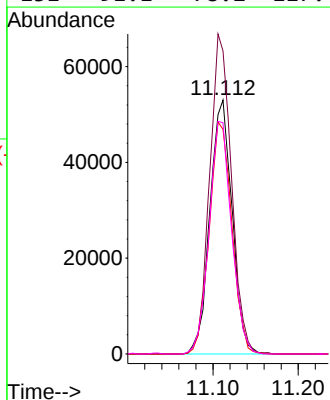
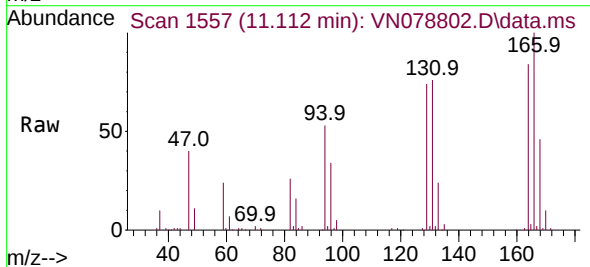
Manual Integrations
APPROVED

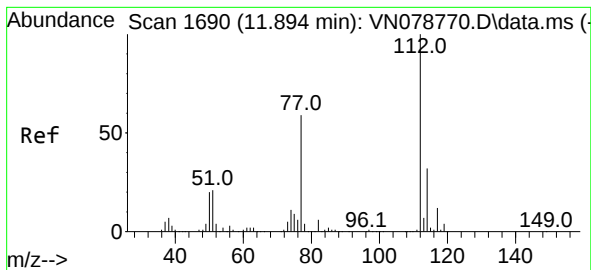
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#64
Tetrachloroethene
Concen: 42.315 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

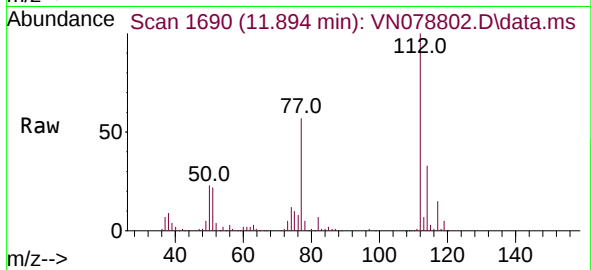
Tgt Ion:164 Resp: 96082
Ion Ratio Lower Upper
164 100
166 119.4 101.4 152.0
129 88.5 82.4 123.6
131 91.1 78.2 117.4





#65
Chlorobenzene
Concen: 44.681 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

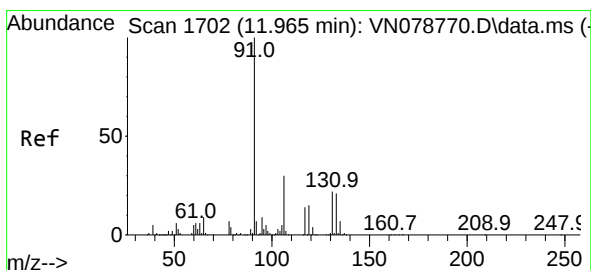
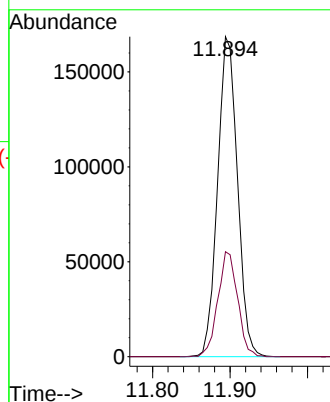
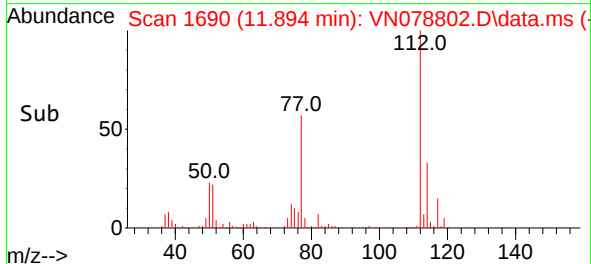
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



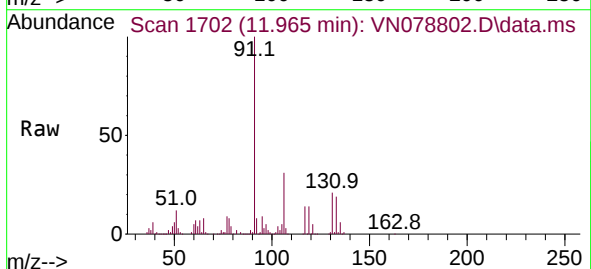
Tgt Ion:112 Resp: 29986
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.4

Manual Integrations
APPROVED

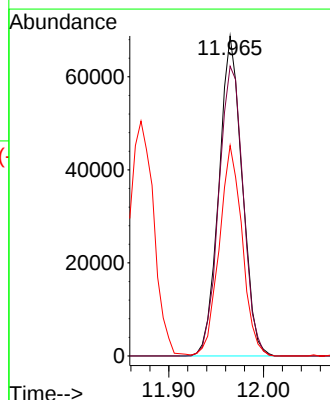
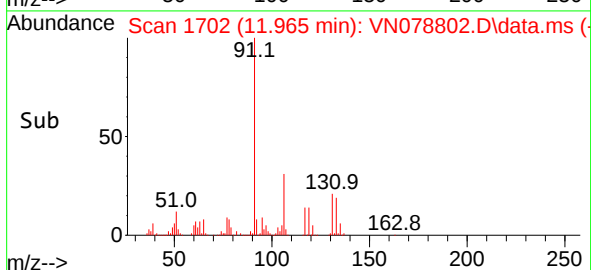
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

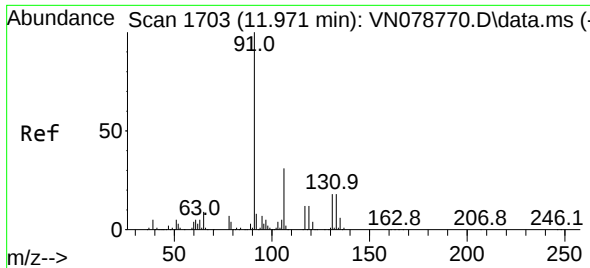


#66
1,1,1,2-Tetrachloroethane
Concen: 45.171 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43



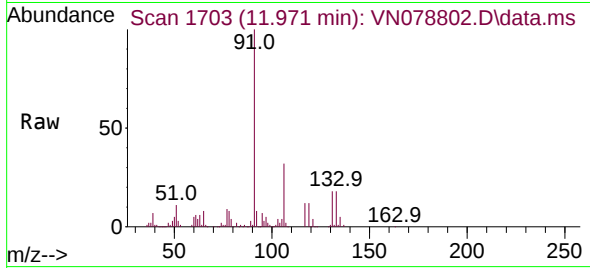
Tgt Ion:131 Resp: 117412
Ion Ratio Lower Upper
131 100
133 95.2 46.4 139.1
119 64.8 34.1 102.2





#67
Ethyl Benzene
Concen: 46.688 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

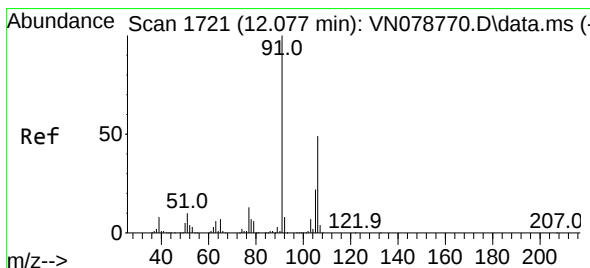
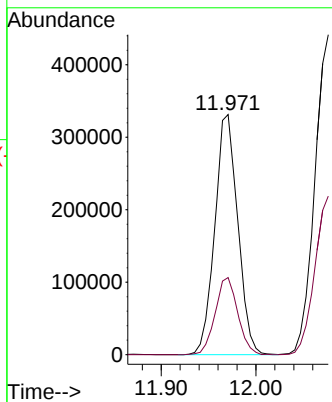
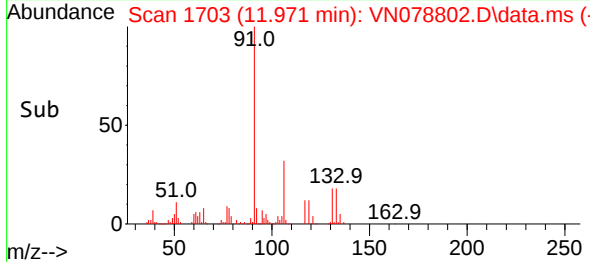
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



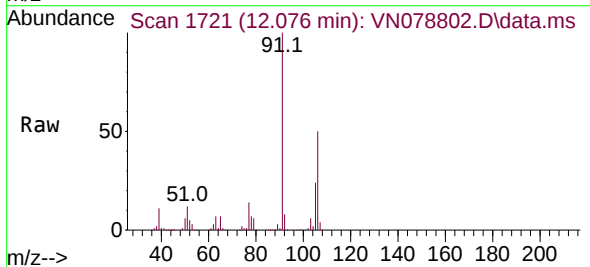
Tgt Ion: 91 Resp: 558114
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4

Manual Integrations
APPROVED

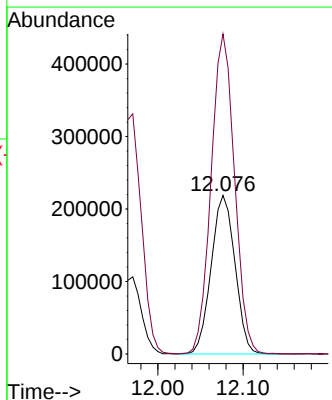
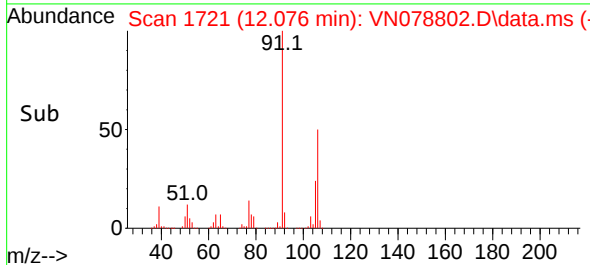
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

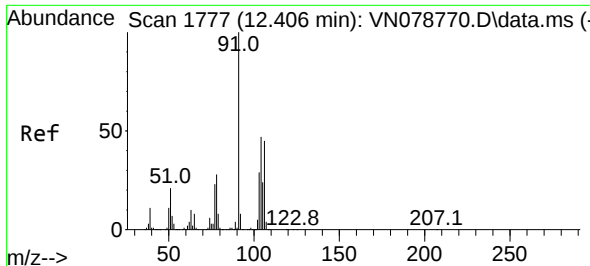


#68
m/p-Xylenes
Concen: 96.374 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.001 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43



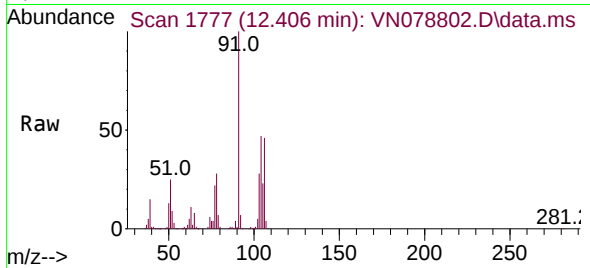
Tgt Ion:106 Resp: 425031
Ion Ratio Lower Upper
106 100
91 198.9 159.6 239.4





#69
o-Xylene
Concen: 45.584 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

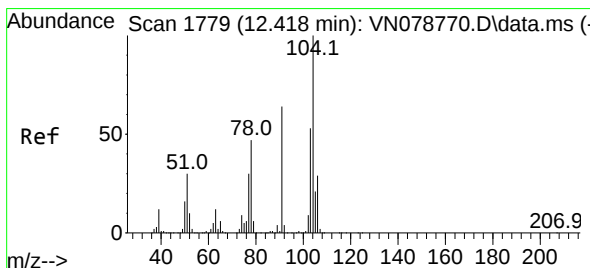
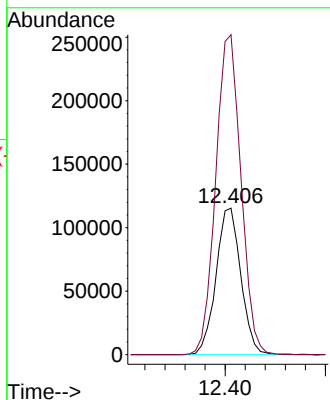
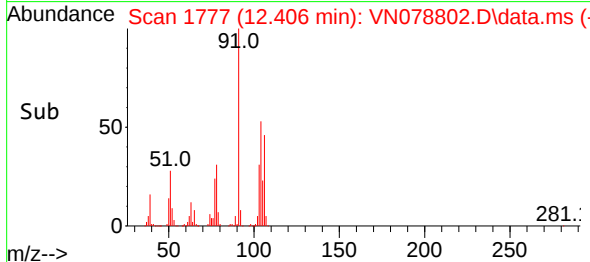
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 19734
Ion Ratio Lower Upper
106 100
91 222.7 105.2 315.5

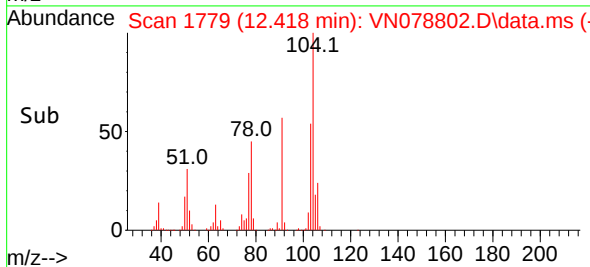
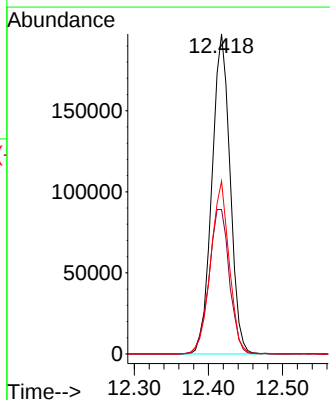
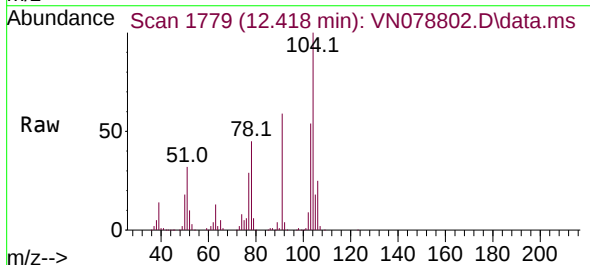
Manual Integrations
APPROVED

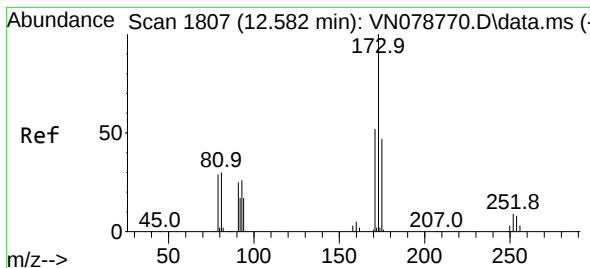
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#70
Styrene
Concen: 49.473 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

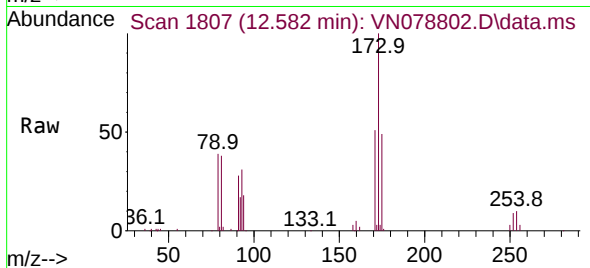
Tgt Ion:104 Resp: 336138
Ion Ratio Lower Upper
104 100
78 50.8 39.5 59.3
103 54.9 43.2 64.8





#71
Bromoform
Concen: 45.528 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

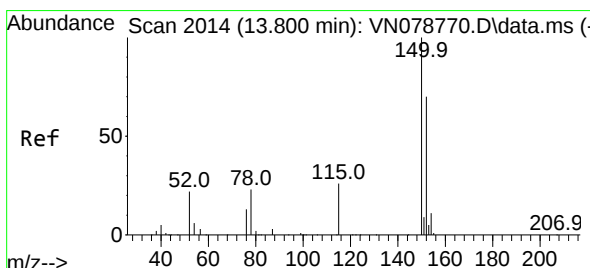
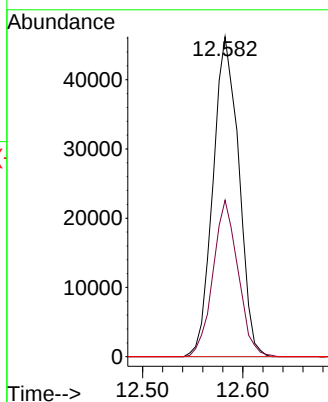
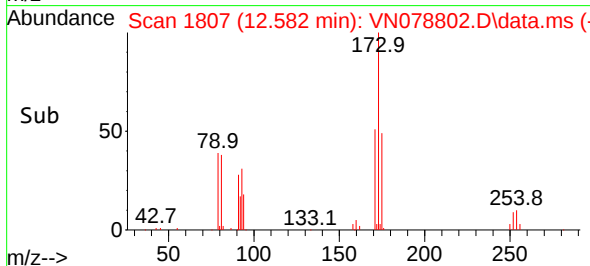
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



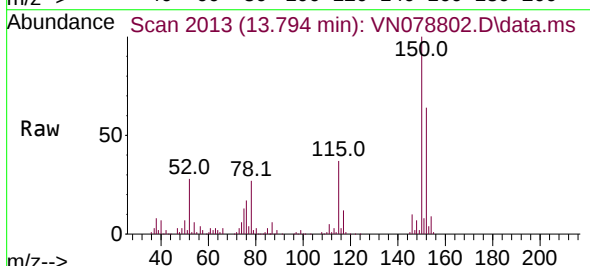
Tgt Ion:173 Resp: 8254
Ion Ratio Lower Upper
173 100
175 47.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

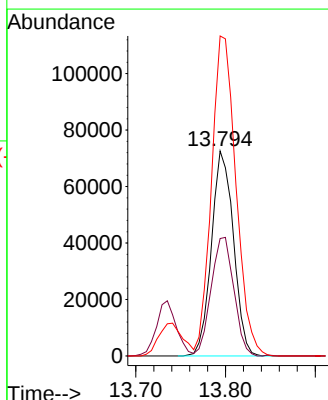
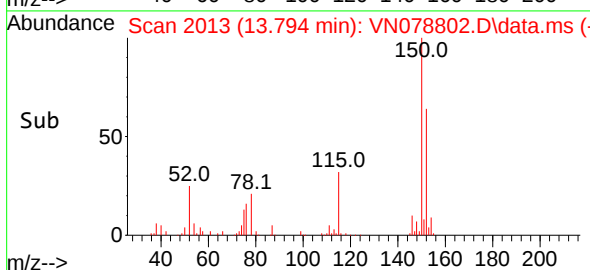
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

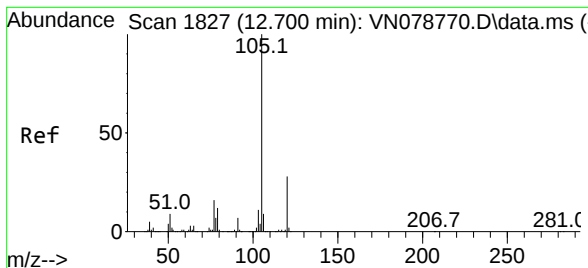


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43



Tgt Ion:152 Resp: 123657
Ion Ratio Lower Upper
152 100
115 59.7 32.3 96.8
150 173.4 0.0 355.8





#73

Isopropylbenzene

Concen: 42.585 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078802.D

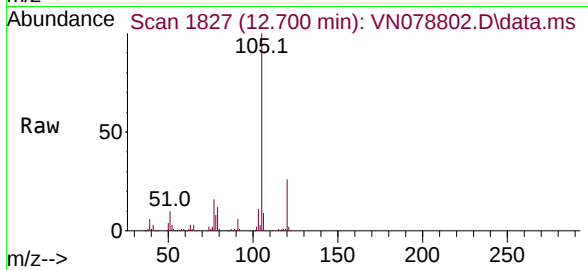
Acq: 08 Aug 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:105 Resp: 51827

Ion Ratio Lower Upper

105 100

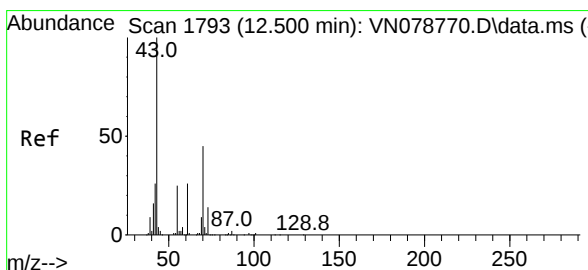
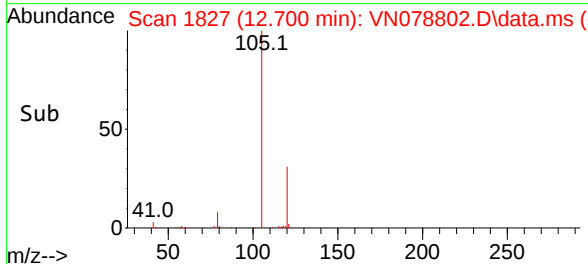
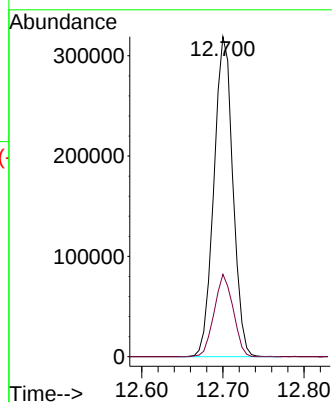
120 25.7 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#74

N-ethyl acetate

Concen: 39.640 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078802.D

Acq: 08 Aug 2023 15:43

Tgt Ion: 43 Resp: 218840

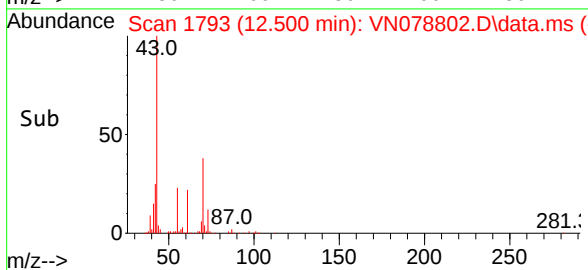
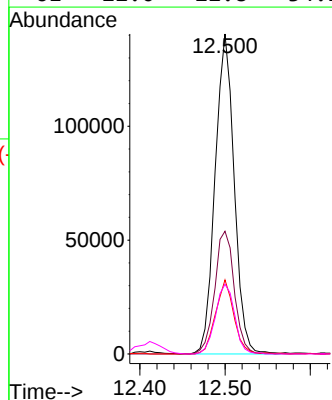
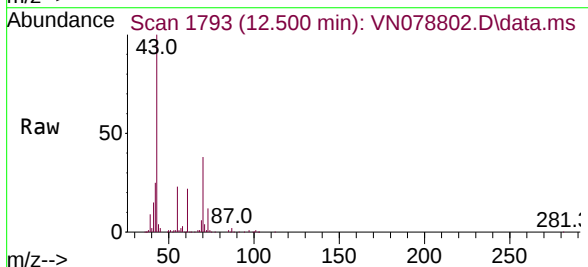
Ion Ratio Lower Upper

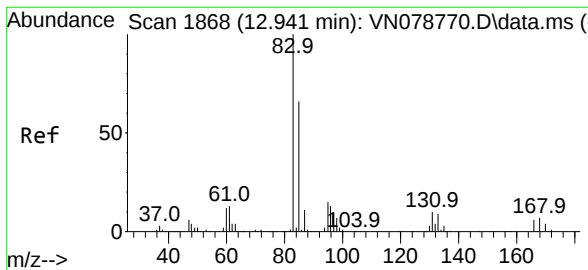
43 100

70 39.5 43.4 65.2#

55 22.4 21.4 32.0

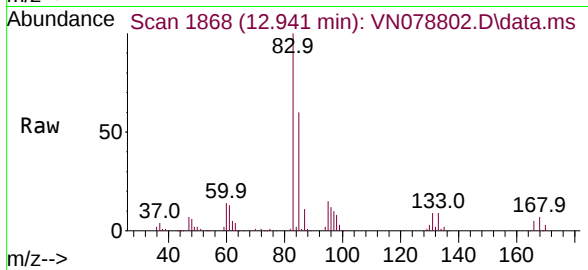
61 22.0 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 39.320 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

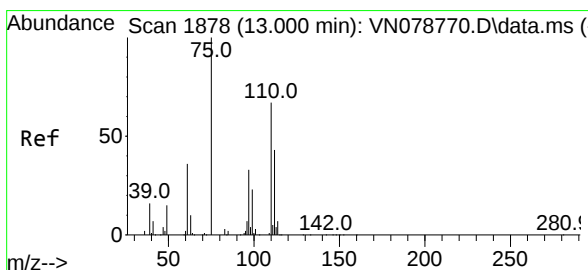
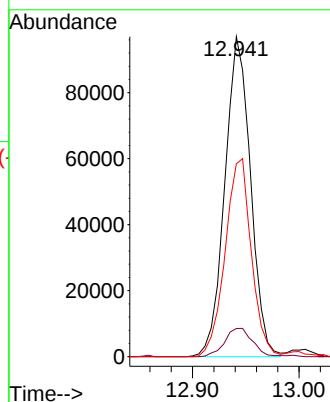
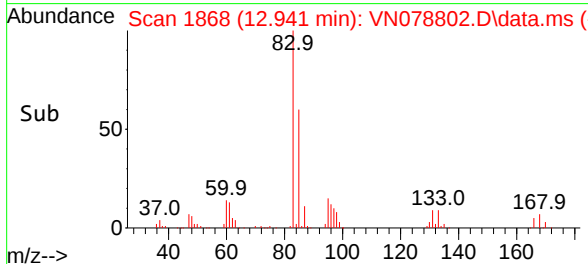
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



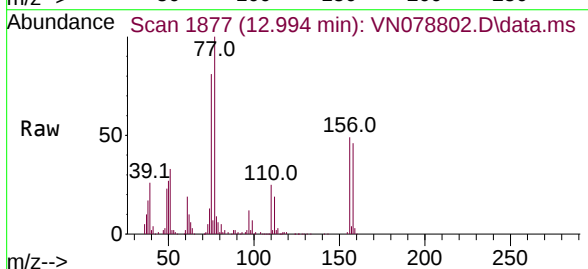
Tgt Ion: 83 Resp: 162629
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 63.0 31.9 95.7

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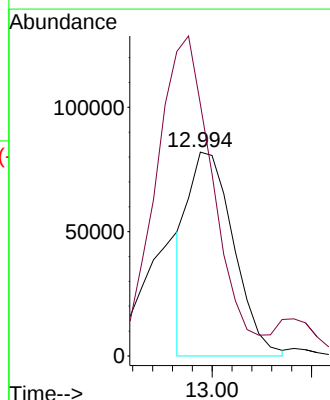
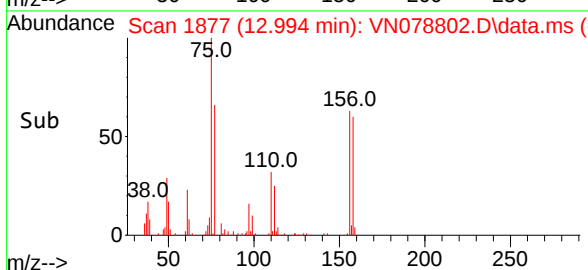
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

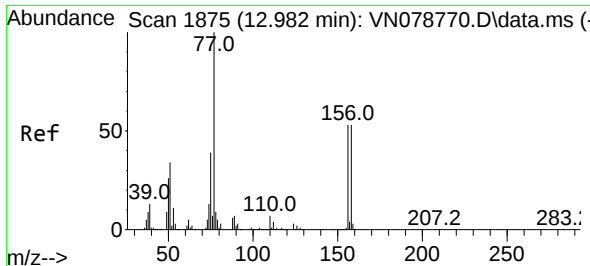


#76
1,2,3-Trichloropropane
Concen: 39.141 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43



Tgt Ion: 75 Resp: 130859
Ion Ratio Lower Upper
75 100
77 196.8 84.5 253.5





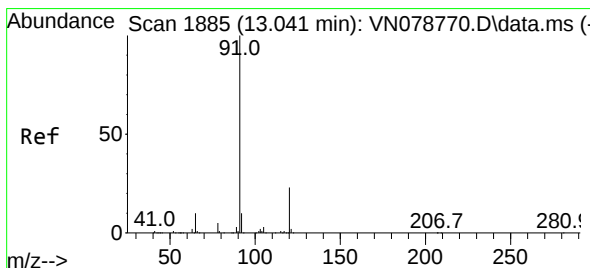
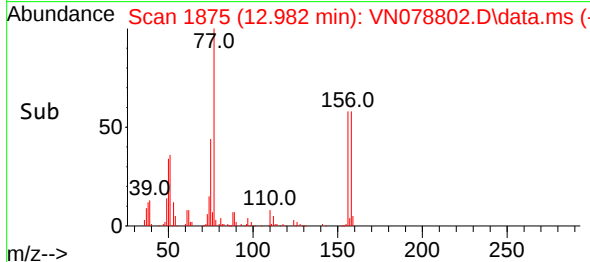
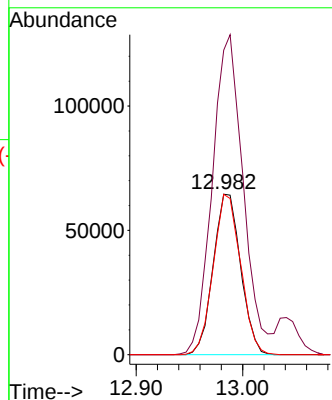
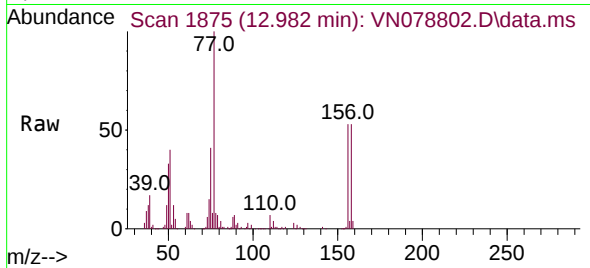
#77
Bromobenzene
Concen: 40.430 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 11545
Ion Ratio Lower Upper
156 100
77 223.0 107.7 323.3
158 99.7 48.4 145.3

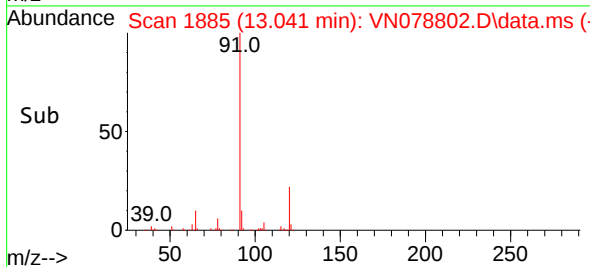
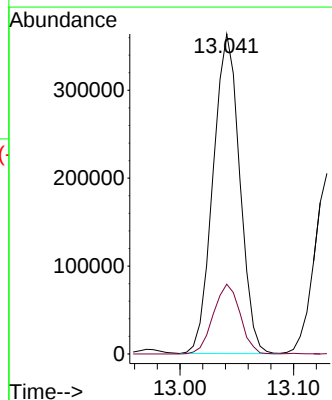
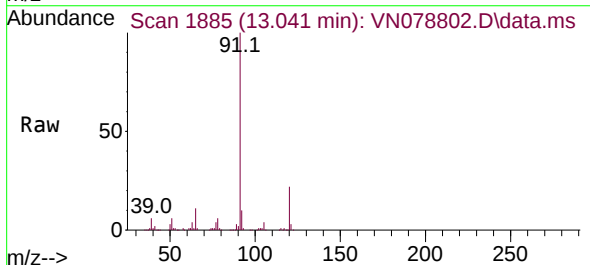
Manual Integrations
APPROVED

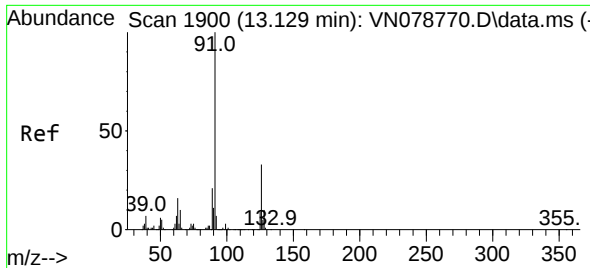
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#78
n-propylbenzene
Concen: 44.338 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

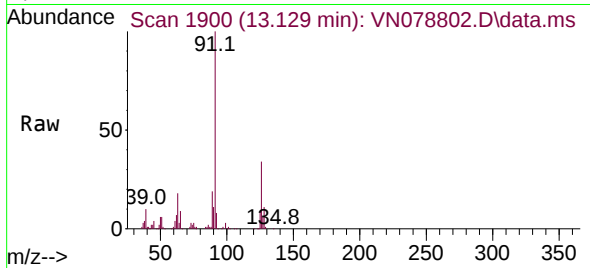
Tgt Ion: 91 Resp: 593080
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4





#79
2-Chlorotoluene
Concen: 40.592 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

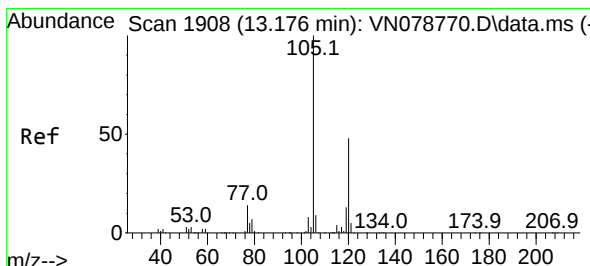
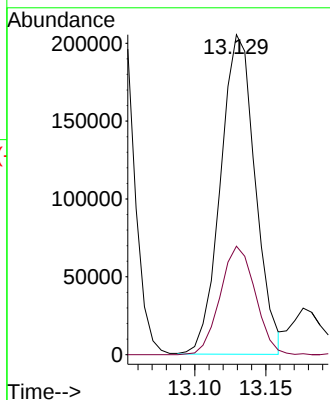
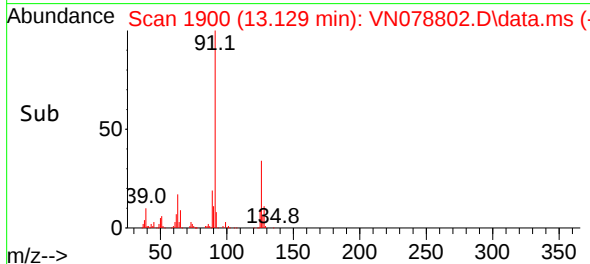
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



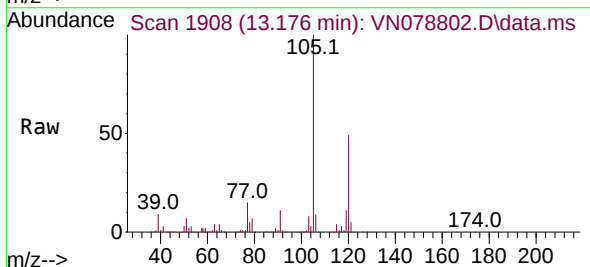
Tgt Ion: 91 Resp: 348839
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.8

Manual Integrations
APPROVED

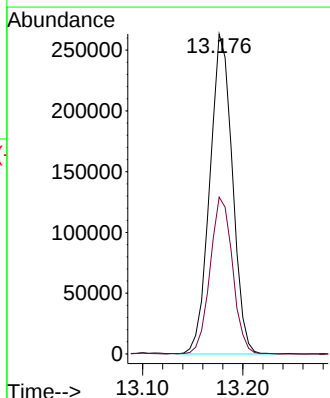
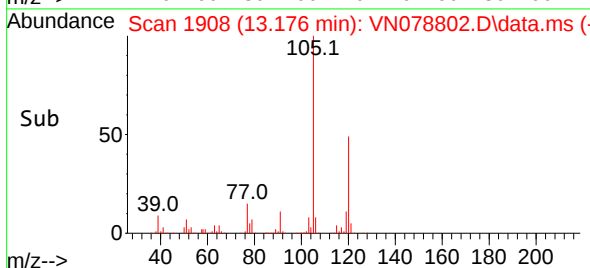
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

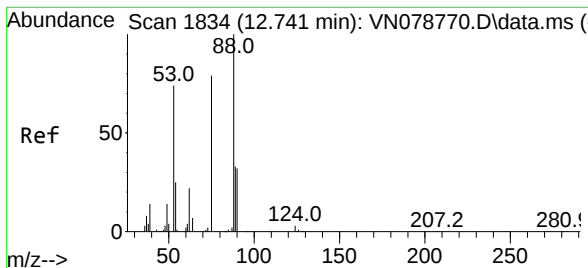


#80
1,3,5-Trimethylbenzene
Concen: 42.348 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43



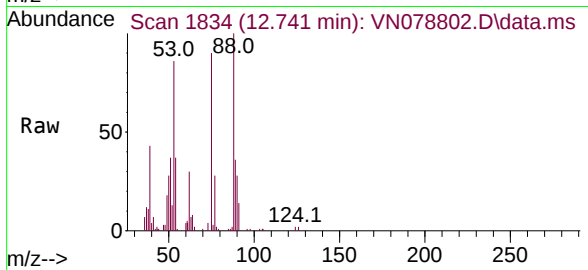
Tgt Ion:105 Resp: 412866
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.073 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

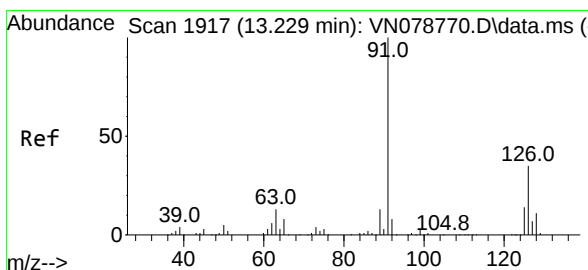
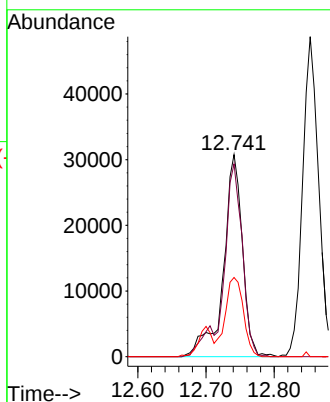
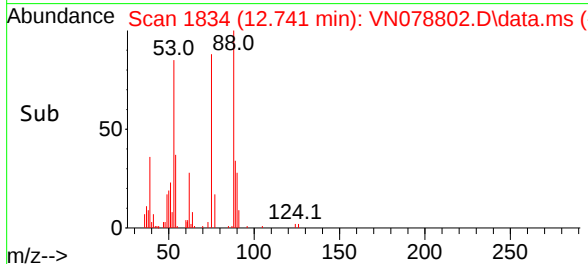
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 59890
Ion Ratio Lower Upper
75 100
53 93.9 67.4 101.2
89 37.5 38.8 58.2

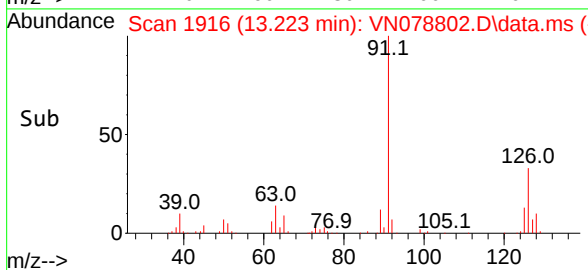
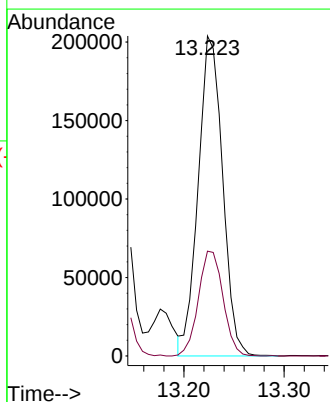
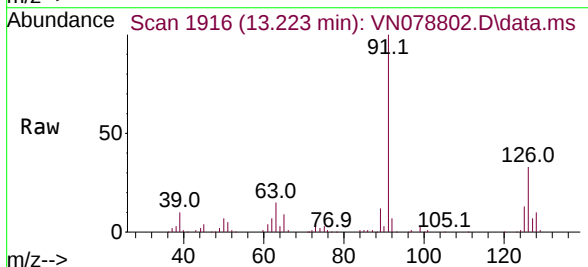
Manual Integrations
APPROVED

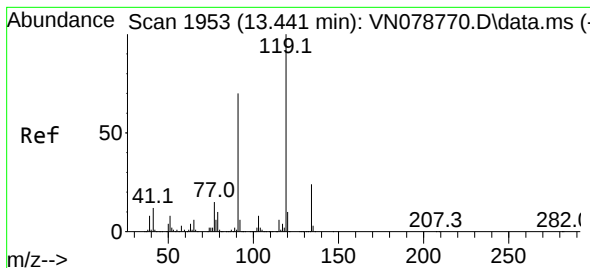
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#82
4-Chlorotoluene
Concen: 43.924 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

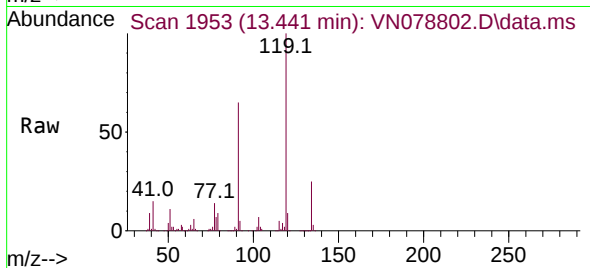
Tgt Ion: 91 Resp: 345322
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 42.510 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

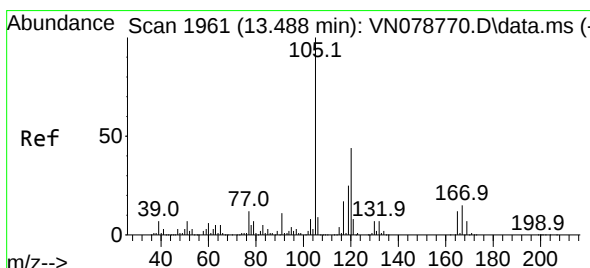
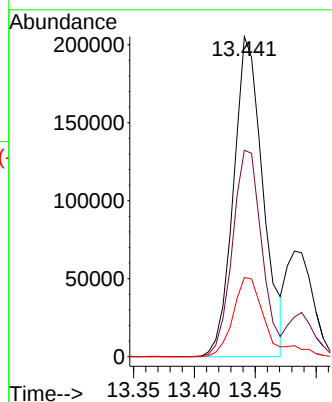
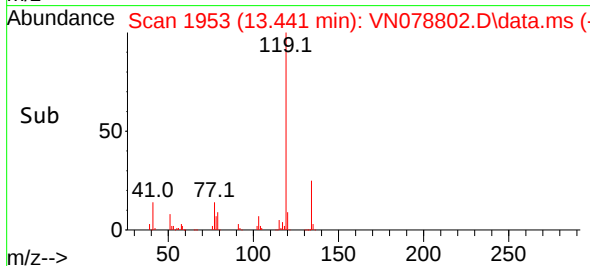
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



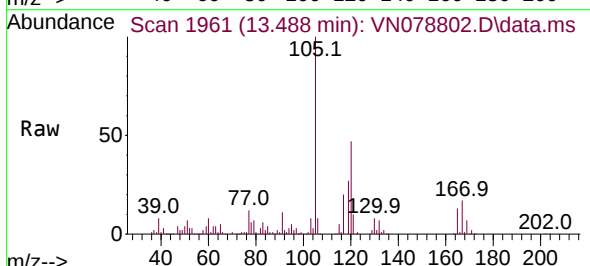
Tgt Ion:119 Resp: 345180
Ion Ratio Lower Upper
119 100
91 64.4 33.9 101.7
134 27.4 13.2 39.6

Manual Integrations
APPROVED

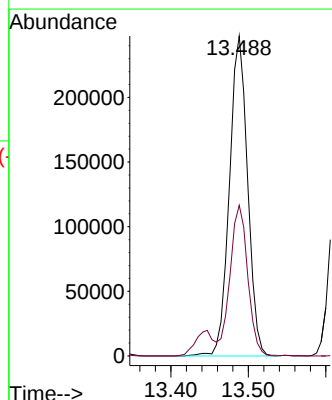
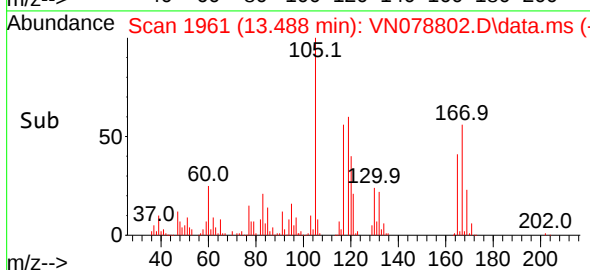
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

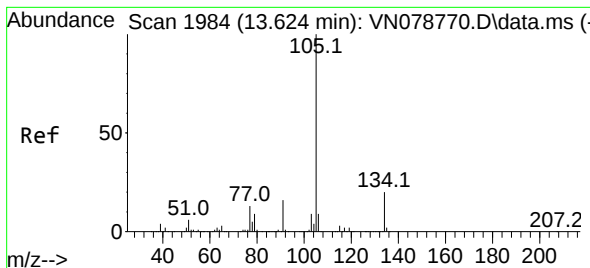


#84
1,2,4-Trimethylbenzene
Concen: 43.142 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43



Tgt Ion:105 Resp: 404237
Ion Ratio Lower Upper
105 100
120 45.9 22.0 66.0





#85

sec-Butylbenzene

Concen: 43.715 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. -0.000 min

Lab File: VN078802.D

Acq: 08 Aug 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 464150

Ion Ratio Lower Upper

105 100

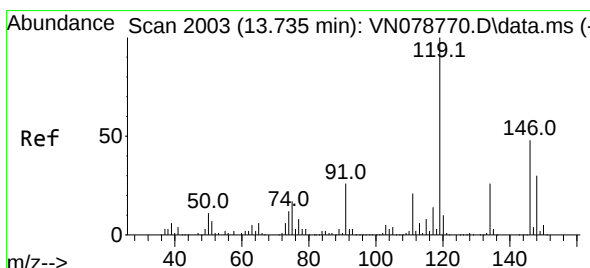
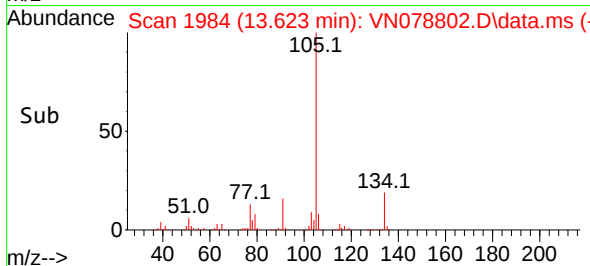
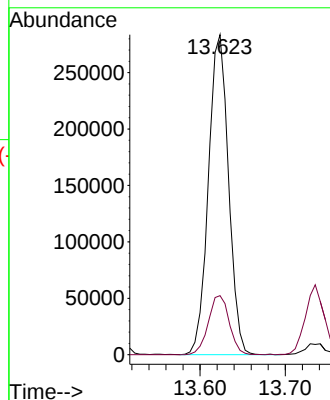
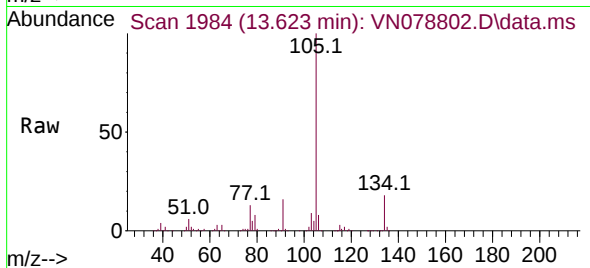
134 19.3 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#86

p-Isopropyltoluene

Concen: 43.202 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN078802.D

Acq: 08 Aug 2023 15:43

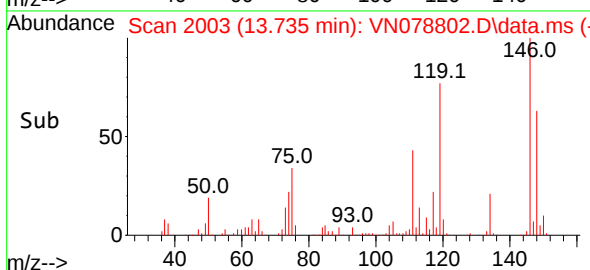
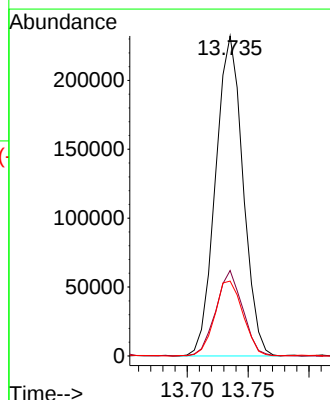
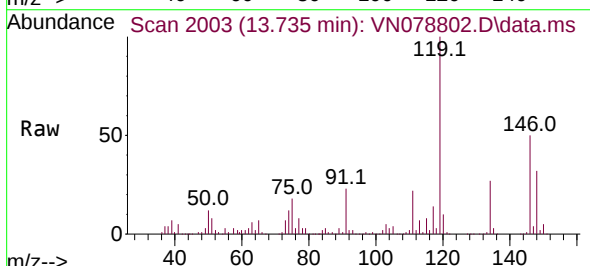
Tgt Ion:119 Resp: 364732

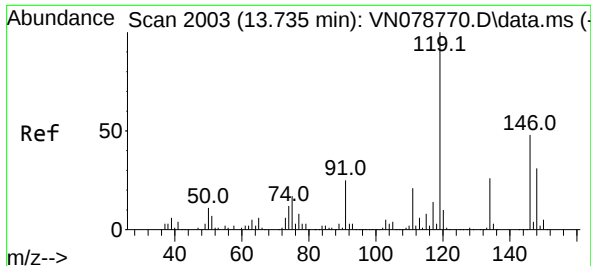
Ion Ratio Lower Upper

119 100

134 26.1 12.6 37.8

91 24.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 44.910 ug/l

RT: 13.741 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN078802.D

Acq: 08 Aug 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 204828

Ion Ratio Lower Upper

146 100

111 40.8 22.1 66.3

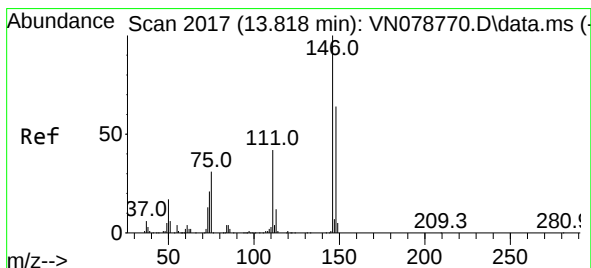
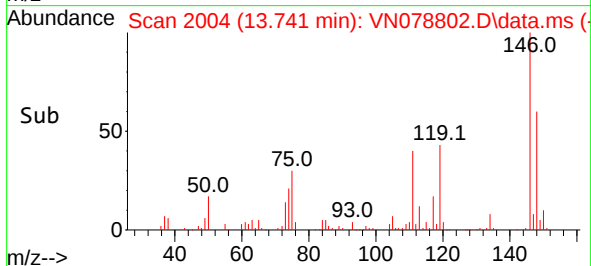
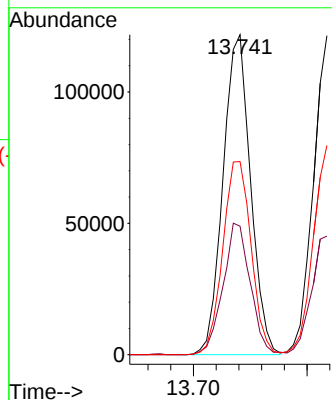
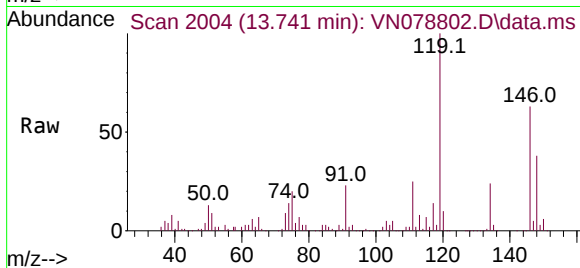
148 62.3 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#88

1,4-Dichlorobenzene

Concen: 44.155 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN078802.D

Acq: 08 Aug 2023 15:43

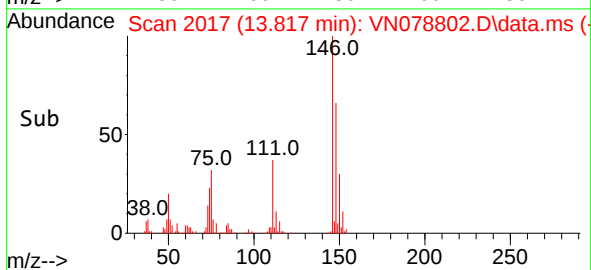
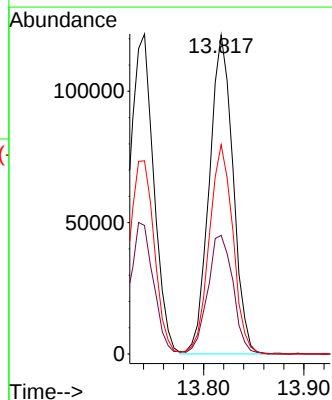
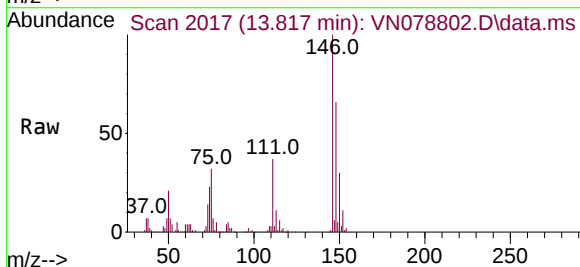
Tgt Ion:146 Resp: 199625

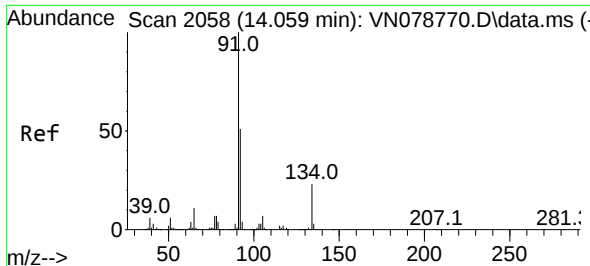
Ion Ratio Lower Upper

146 100

111 39.7 20.6 61.8

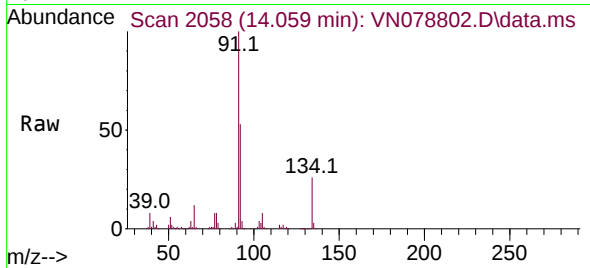
148 65.5 31.6 94.8





#89
n-Butylbenzene
Concen: 43.693 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

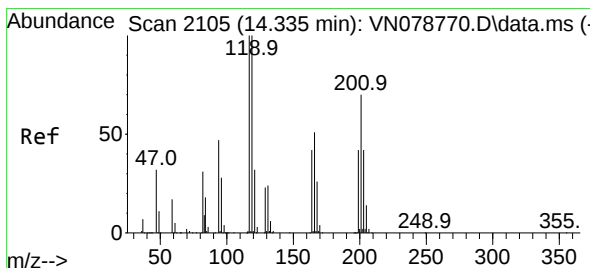
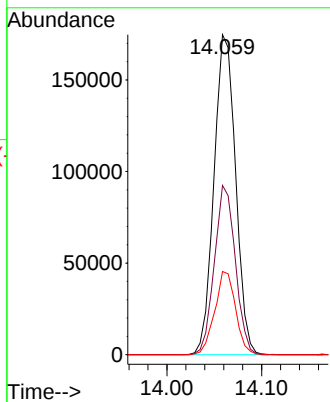
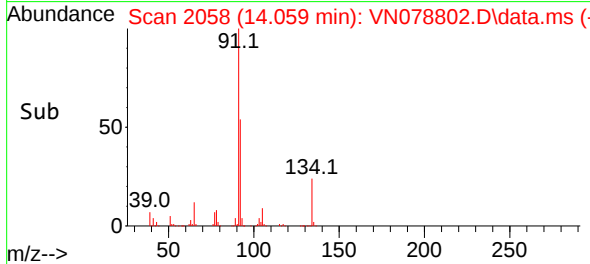
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 27677
Ion Ratio Lower Upper
91 100
92 51.3 26.4 79.0
134 25.1 12.6 37.6

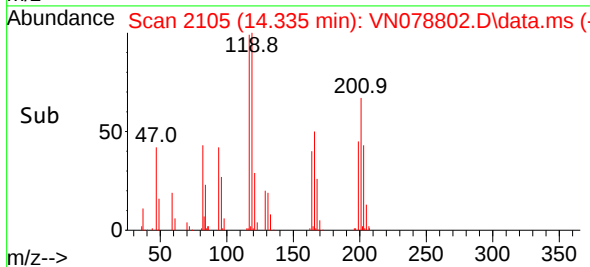
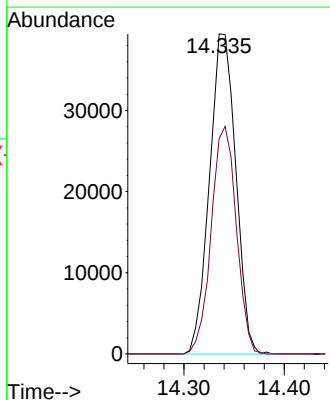
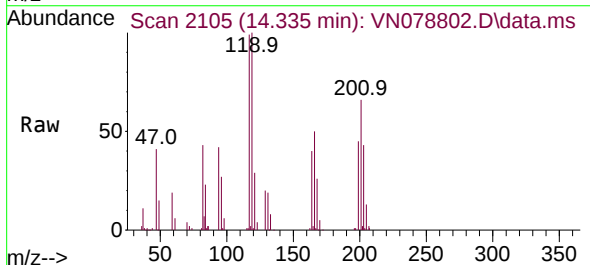
Manual Integrations
APPROVED

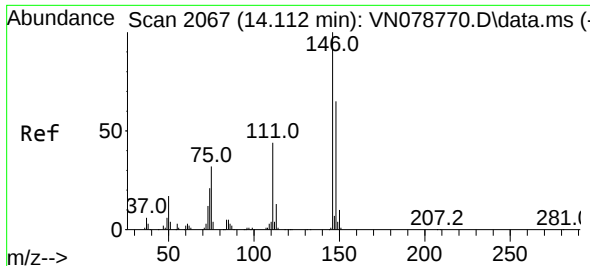
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#90
Hexachloroethane
Concen: 41.160 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

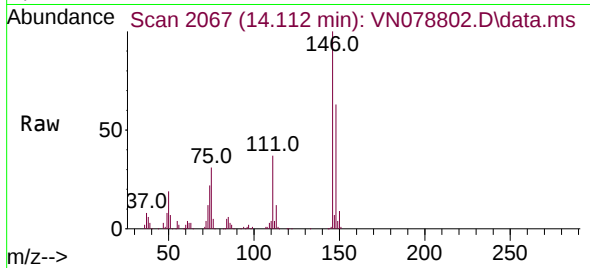
Tgt Ion:117 Resp: 72022
Ion Ratio Lower Upper
117 100
201 67.6 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 44.132 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

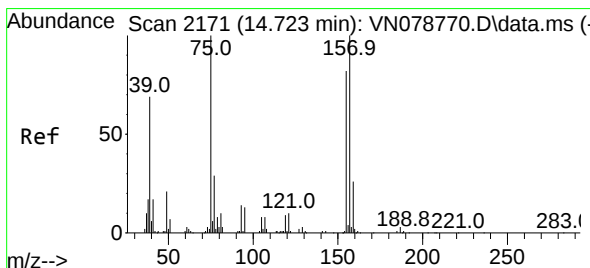
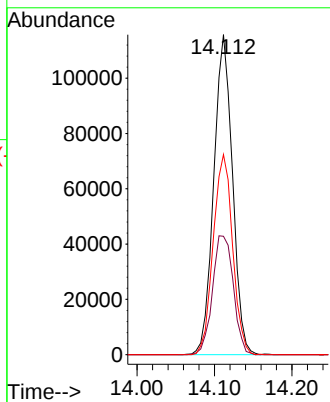
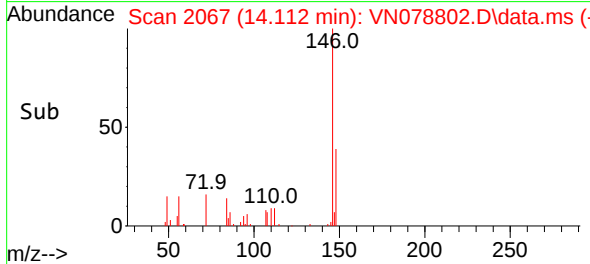
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



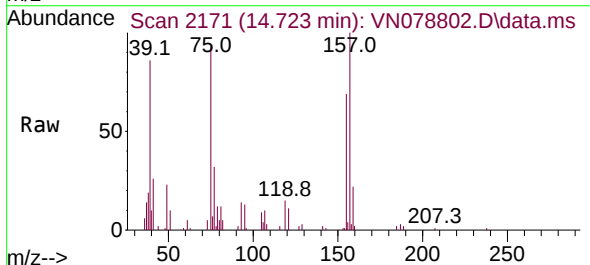
Tgt Ion:146 Resp: 193900
Ion Ratio Lower Upper
146 100
111 41.4 22.0 66.0
148 64.7 31.8 95.3

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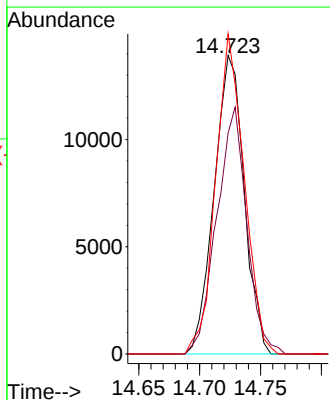
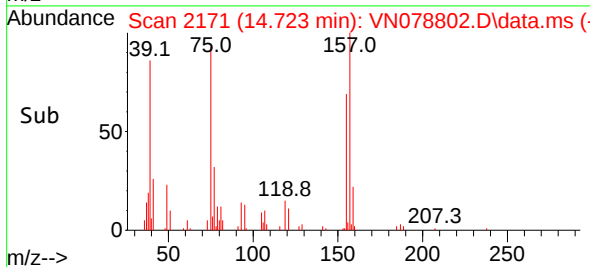
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

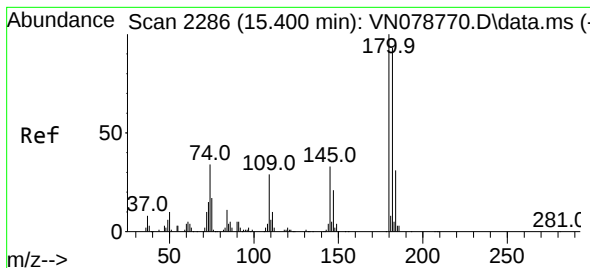


#92
1,2-Dibromo-3-Chloropropane
Concen: 37.626 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43



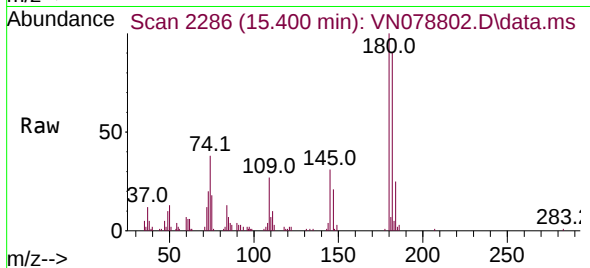
Tgt Ion: 75 Resp: 23871
Ion Ratio Lower Upper
75 100
155 82.8 39.1 117.2
157 101.7 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 46.788 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

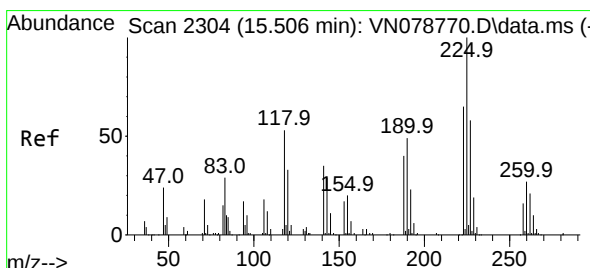
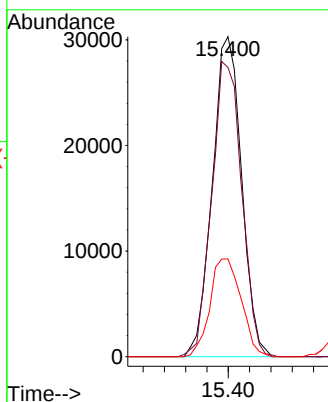
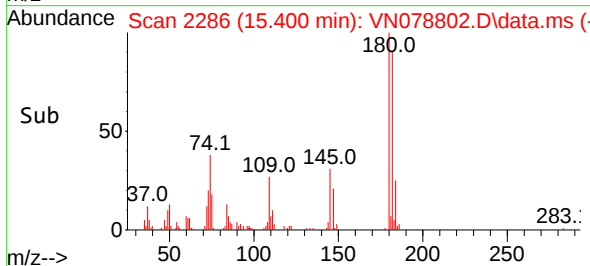
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



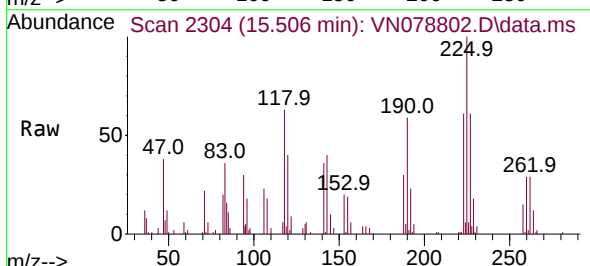
Tgt Ion:180 Resp: 57760
Ion Ratio Lower Upper
180 100
182 94.4 46.1 138.2
145 32.6 16.6 49.8

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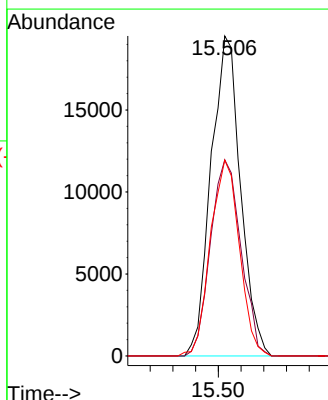
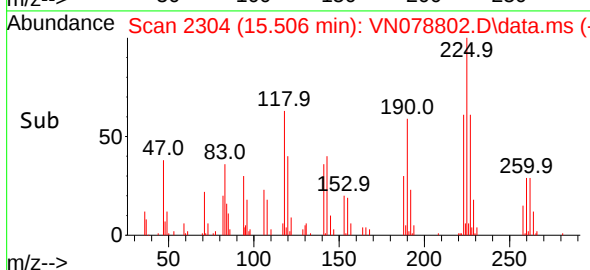
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

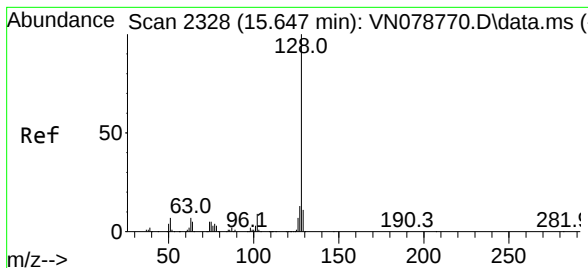


#94
Hexachlorobutadiene
Concen: 45.992 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43



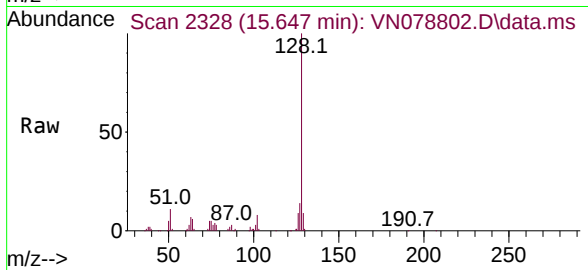
Tgt Ion:225 Resp: 35136
Ion Ratio Lower Upper
225 100
223 63.3 31.3 93.8
227 60.3 31.9 95.9





#95
Naphthalene
Concen: 41.295 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43

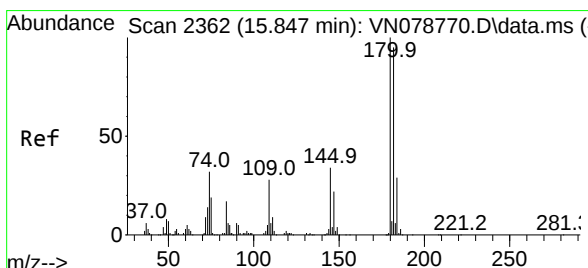
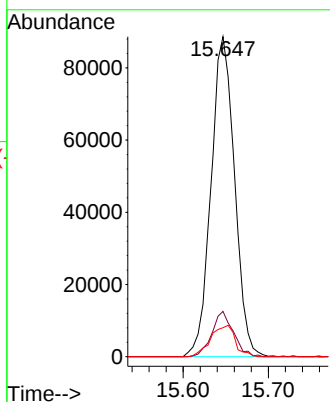
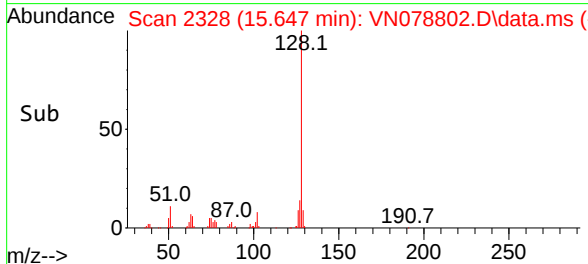
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



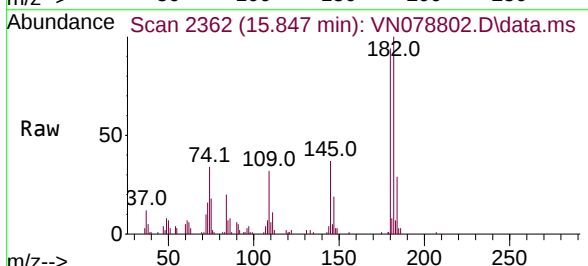
Tgt Ion:128 Resp: 17016
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.2 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 42.468 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078802.D
Acq: 08 Aug 2023 15:43



Tgt Ion:180 Resp: 62428
Ion Ratio Lower Upper
180 100
182 97.8 46.2 138.6
145 34.6 17.5 52.6

