

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
 Data File : VN078362.D
 Acq On : 22 Jun 2023 20:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 23 08:04:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/23/2023
 Supervised By : Mahesh Dadoda 06/23/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	408319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	739033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	654959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	262803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	281120	51.637	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.280%			
35) Dibromofluoromethane	8.177	113	241121	51.601	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.200%			
50) Toluene-d8	10.571	98	917495	50.932	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.860%			
62) 4-Bromofluorobenzene	12.853	95	296668	52.975	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	239117	51.806	ug/l	94
3) Chloromethane	2.371	50	275819	64.032	ug/l	99
4) Vinyl Chloride	2.524	62	348029	57.583	ug/l	96
5) Bromomethane	2.948	94	252046	55.181	ug/l	92
6) Chloroethane	3.124	64	241538	58.624	ug/l	98
7) Trichlorofluoromethane	3.500	101	534537	65.219	ug/l	100
8) Diethyl Ether	3.971	74	140476	48.779	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.389	101	216786	50.119	ug/l	97
10) Methyl Iodide	4.600	142	317805	51.954	ug/l	98
11) Tert butyl alcohol	5.536	59	167157	222.365	ug/l	98
12) 1,1-Dichloroethene	4.353	96	222139	49.820	ug/l	92
13) Acrolein	4.189	56	239722	289.346	ug/l	96
14) Allyl chloride	5.030	41	271152	49.817	ug/l	93
15) Acrylonitrile	5.730	53	489576	252.612	ug/l	98
16) Acetone	4.442	43	374820	239.192	ug/l	97
17) Carbon Disulfide	4.724	76	574649	50.071	ug/l	100
18) Methyl Acetate	5.042	43	350764	48.619	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	700574	49.245	ug/l	94
20) Methylene Chloride	5.289	84	254313	49.111	ug/l	90
21) trans-1,2-Dichloroethene	5.800	96	235716	49.014	ug/l	85
22) Diisopropyl ether	6.689	45	680127	53.122	ug/l #	93
23) Vinyl Acetate	6.612	43	2001133	262.938	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	436910	51.731	ug/l	99
25) 2-Butanone	7.494	43	619596	257.121	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	333298	53.446	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	275366	48.003	ug/l	92
28) Bromochloromethane	7.824	49	195043	50.297	ug/l	95
29) Tetrahydrofuran	7.847	42	414303	257.183	ug/l	85
30) Chloroform	7.971	83	470427	51.726	ug/l	94
31) Cyclohexane	8.265	56	341388	48.884	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	415630	52.055	ug/l	95
36) 1,1-Dichloropropene	8.377	75	349655	52.167	ug/l	97
37) Ethyl Acetate	7.571	43	268784	51.333	ug/l #	94
38) Carbon Tetrachloride	8.365	117	373831	52.821	ug/l	96
39) Methylcyclohexane	9.606	83	308403	44.399	ug/l	91
40) Benzene	8.612	78	1026278	51.288	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	145139	51.139	ug/l	92
42) 1,2-Dichloroethane	8.677	62	352799	51.422	ug/l	98
43) Isopropyl Acetate	8.694	43	482894	48.223	ug/l	94
44) Trichloroethene	9.365	130	262101	49.599	ug/l	93
45) 1,2-Dichloropropane	9.630	63	261048	52.435	ug/l	93
46) Dibromomethane	9.718	93	186802	50.941	ug/l	95
47) Bromodichloromethane	9.894	83	371257	54.504	ug/l	98
48) Methyl methacrylate	9.688	41	216060	51.414	ug/l	88
49) 1,4-Dioxane	9.706	88	83510	945.500	ug/l #	90
51) 4-Methyl-2-Pentanone	10.453	43	1365824	259.016	ug/l	94
52) Toluene	10.635	92	663536	52.521	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	375561	52.941	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	410698	52.373	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	245697	51.409	ug/l	93
56) Ethyl methacrylate	10.882	69	370691	53.268	ug/l	92
57) 1,3-Dichloropropane	11.171	76	422865	52.418	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	646291	229.899	ug/l	93
59) 2-Hexanone	11.200	43	953829	259.784	ug/l	93
60) Dibromochloromethane	11.365	129	279396	53.425	ug/l	99
61) 1,2-Dibromoethane	11.476	107	257797	51.400	ug/l	99
64) Tetrachloroethene	11.112	164	203898	46.664	ug/l	97
65) Chlorobenzene	11.894	112	691439	49.296	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	264885	51.346	ug/l	98
67) Ethyl Benzene	11.971	91	1209070	49.957	ug/l	100
68) m/p-Xylenes	12.076	106	929119	100.734	ug/l	99
69) o-Xylene	12.406	106	448748	49.544	ug/l	96
70) Styrene	12.418	104	731250	51.282	ug/l	98
71) Bromoform	12.582	173	171043	51.376	ug/l #	97
73) Isopropylbenzene	12.700	105	1082076	43.542	ug/l	99
74) N-amyl acetate	12.500	43	373628	45.655	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	354052	51.891	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	278777m	44.872	ug/l	
77) Bromobenzene	12.982	156	258804	44.861	ug/l	98
78) n-propylbenzene	13.041	91	1201239	44.490	ug/l	99
79) 2-Chlorotoluene	13.129	91	774521	44.439	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	887579	44.114	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	98456	48.688	ug/l #	83
82) 4-Chlorotoluene	13.229	91	732823	45.052	ug/l	99
83) tert-Butylbenzene	13.441	119	704956	40.307	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	876659	44.941	ug/l	98
85) sec-Butylbenzene	13.623	105	911154	39.803	ug/l	99
86) p-Isopropyltoluene	13.735	119	763825	41.118	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	424485	43.500	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	411224	43.672	ug/l	99
89) n-Butylbenzene	14.059	91	571691	39.017	ug/l	97
90) Hexachloroethane	14.335	117	143163	43.426	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	426884	44.761	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	53075	43.117	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	127725	37.589	ug/l	97
94) Hexachlorobutadiene	15.506	225	69392	41.190	ug/l	99
95) Naphthalene	15.647	128	401723	35.146	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	141578	37.254	ug/l	98

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Manual Integrations
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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

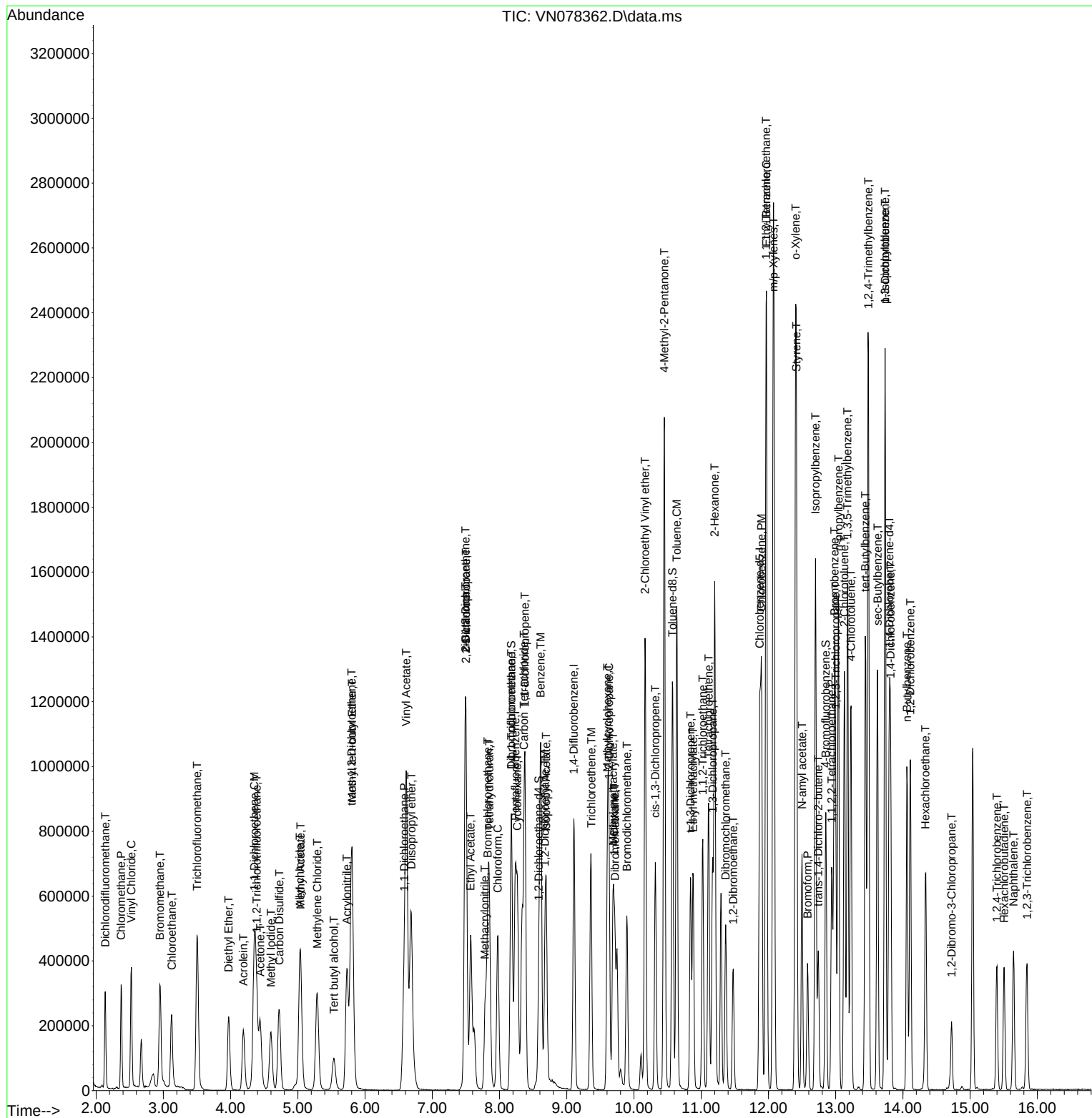
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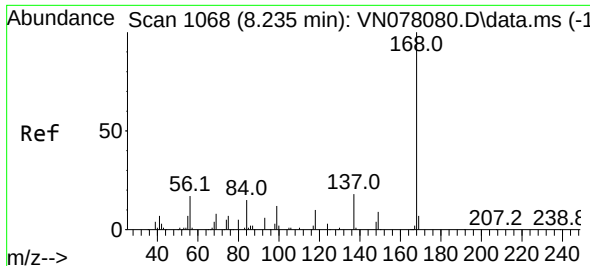
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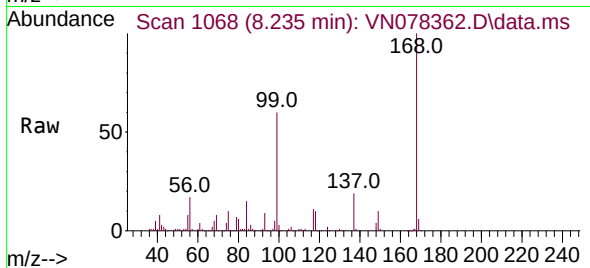
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078362.D
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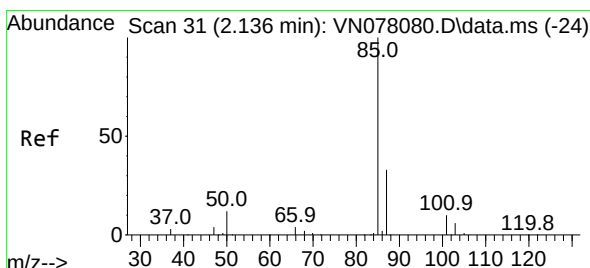
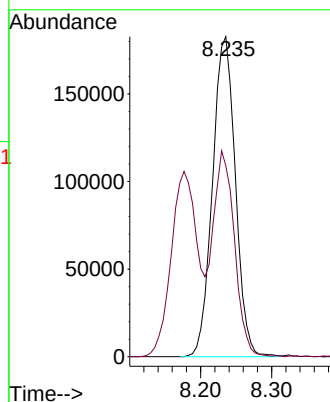
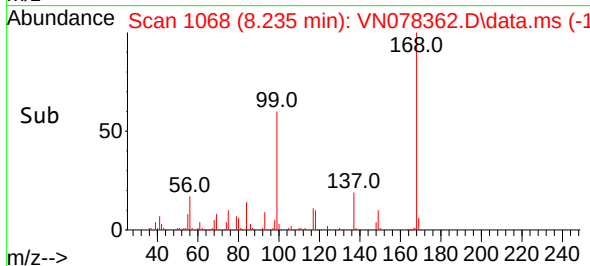
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



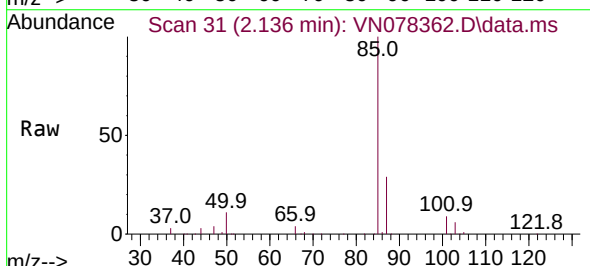
Tgt Ion:168 Resp: 408319
Ion Ratio Lower Upper
168 100
99 59.4 53.0 79.6

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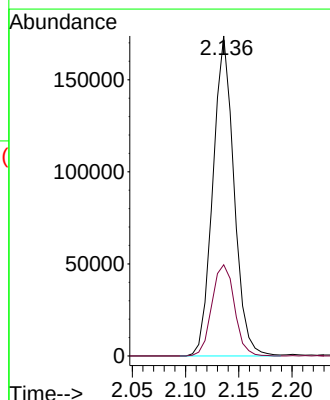
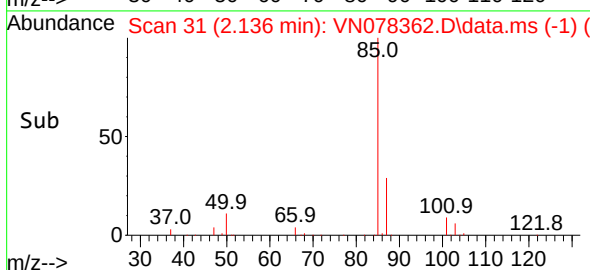
Reviewed By :John Carlone 06/23/2023
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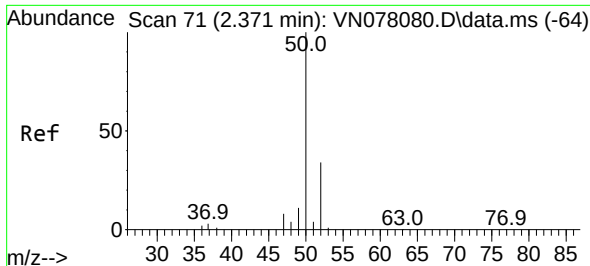


#2
Dichlorodifluoromethane
Concen: 51.806 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04



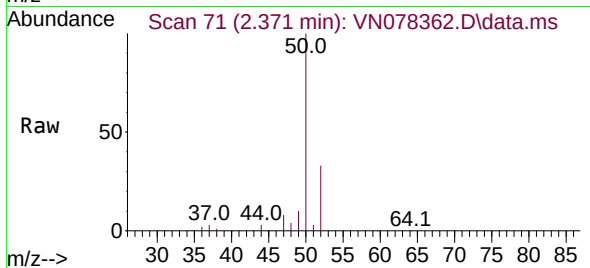
Tgt Ion: 85 Resp: 239117
Ion Ratio Lower Upper
85 100
87 28.5 15.8 47.4





#3
Chloromethane
Concen: 64.032 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

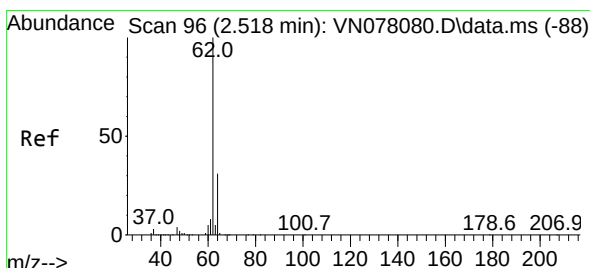
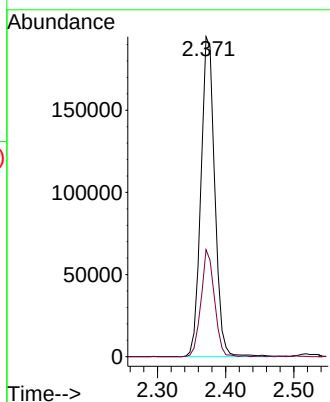
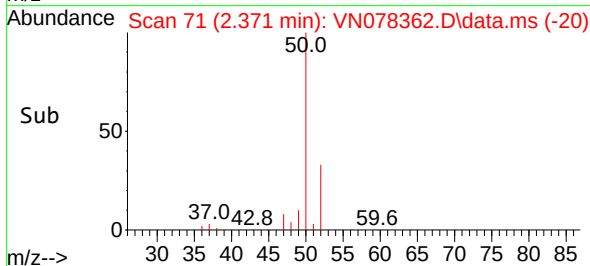
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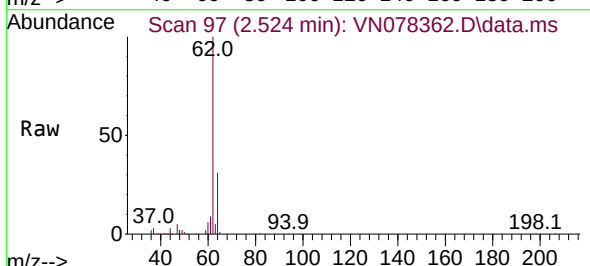
Tgt Ion: 50 Resp: 275819
Ion Ratio Lower Upper
50 100
52 33.5 26.5 39.7

Manual Integrations
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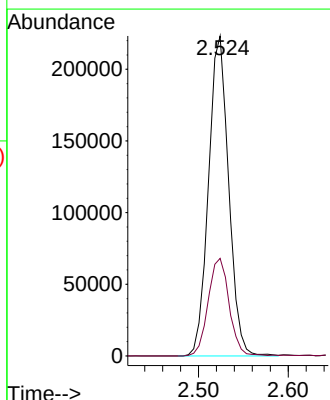
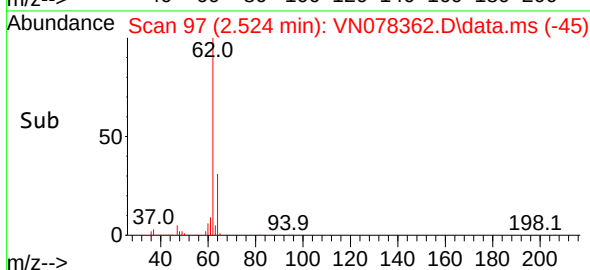
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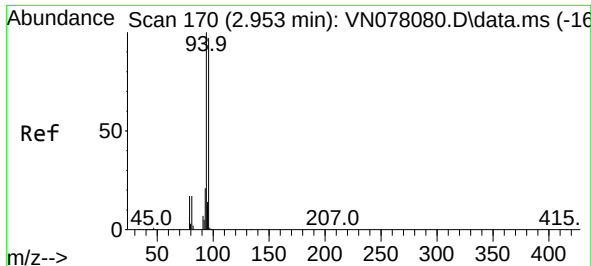


#4
Vinyl Chloride
Concen: 57.583 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04



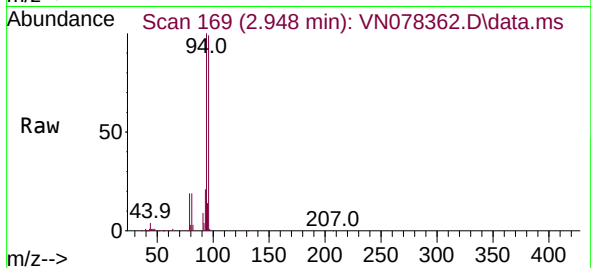
Tgt Ion: 62 Resp: 348029
Ion Ratio Lower Upper
62 100
64 30.5 26.2 39.2





#5
Bromomethane
Concen: 55.181 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

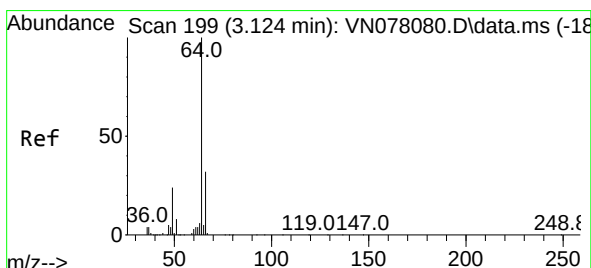
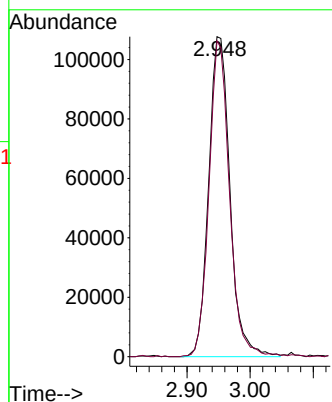
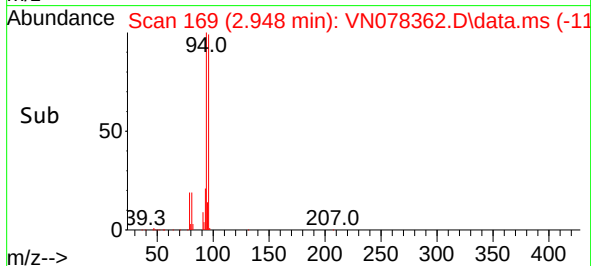
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Tgt Ion: 94 Resp: 252040
Ion Ratio Lower Upper
94 100
96 98.7 73.1 109.7

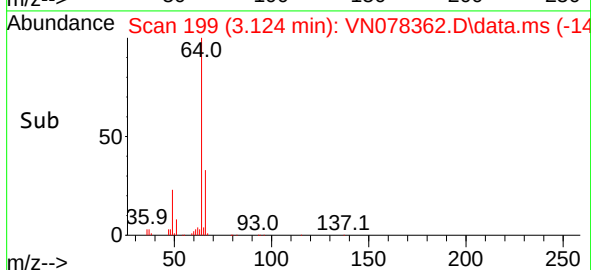
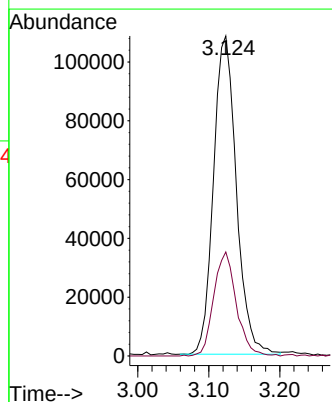
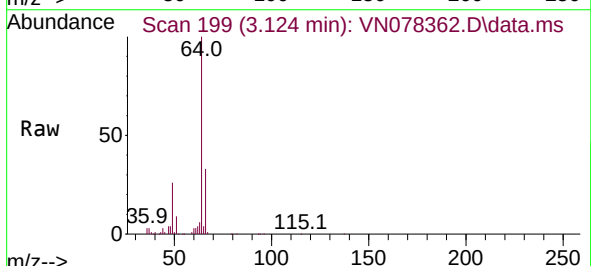
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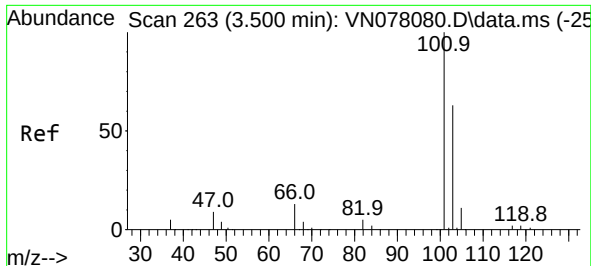
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#6
Chloroethane
Concen: 58.624 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

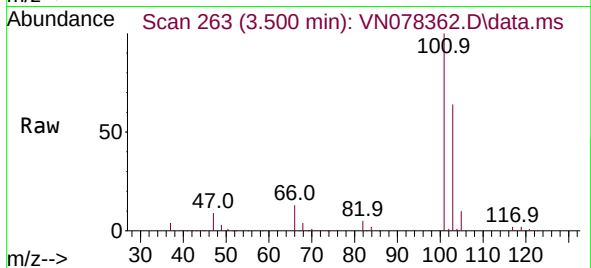
Tgt Ion: 64 Resp: 241538
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.2





#7
Trichlorofluoromethane
Concen: 65.219 ug/l
RT: 3.500 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

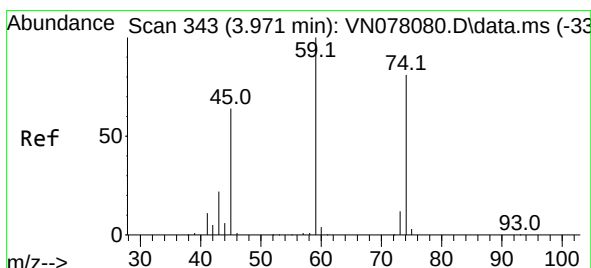
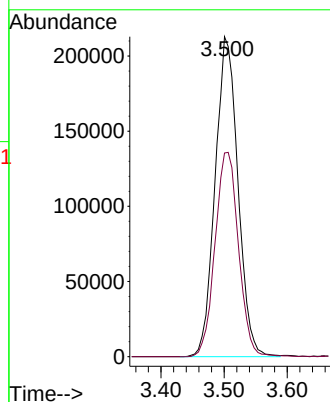
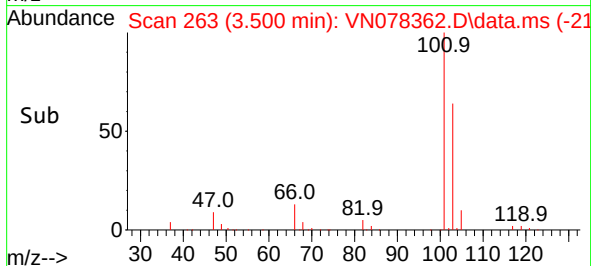
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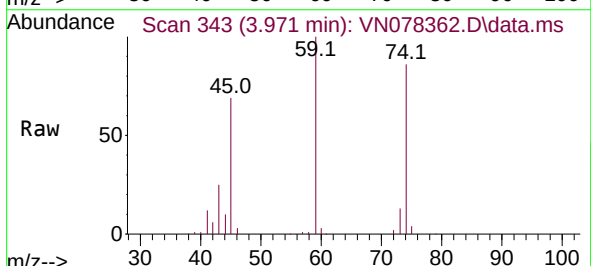
Tgt Ion:101 Resp: 53453
Ion Ratio Lower Upper
101 100
103 63.7 50.7 76.1

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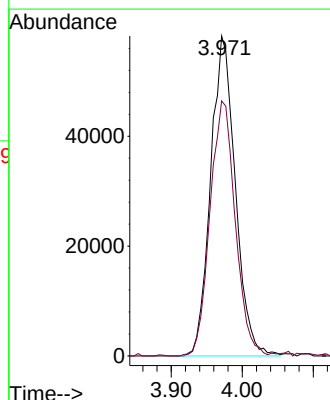
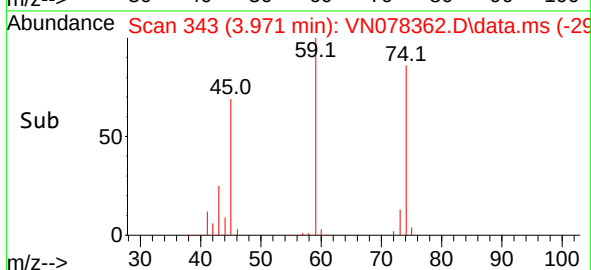
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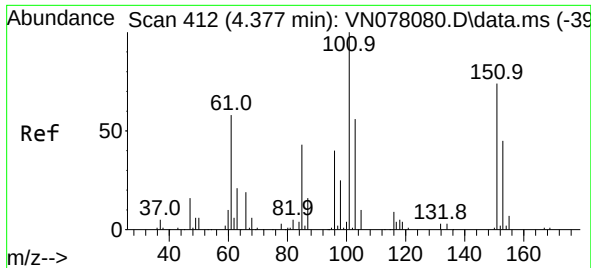


#8
Diethyl Ether
Concen: 48.779 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04



Tgt Ion: 74 Resp: 140476
Ion Ratio Lower Upper
74 100
45 81.4 34.4 103.3





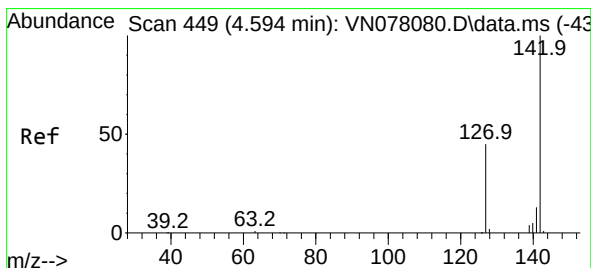
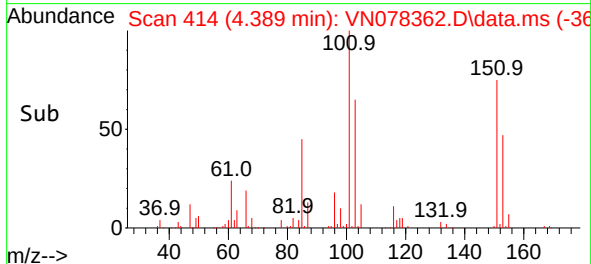
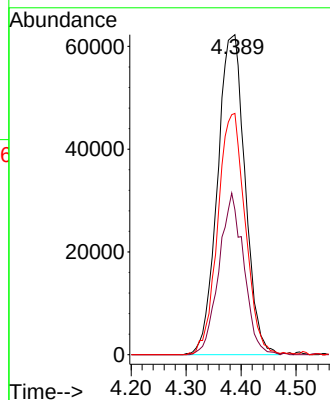
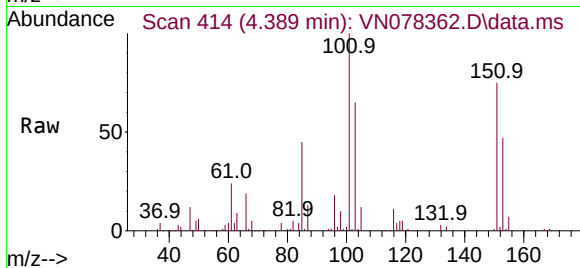
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.119 ug/l
RT: 4.389 min Scan# 412
Delta R.T. 0.012 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 216780
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 75.2 57.6 86.4

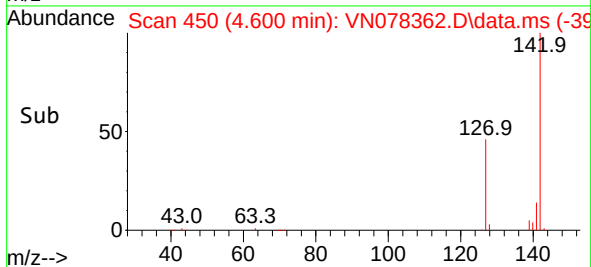
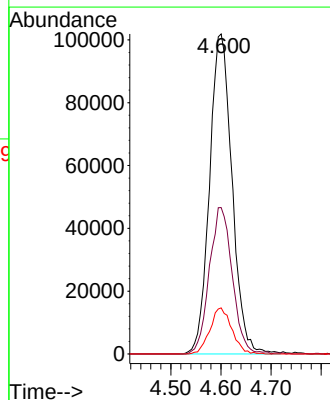
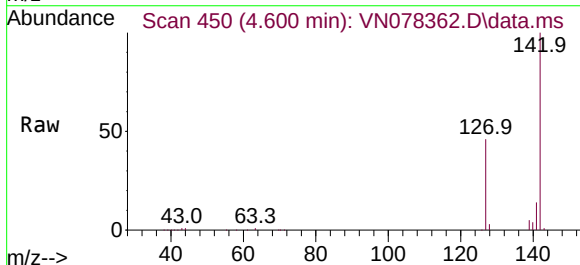
Manual Integrations
APPROVED

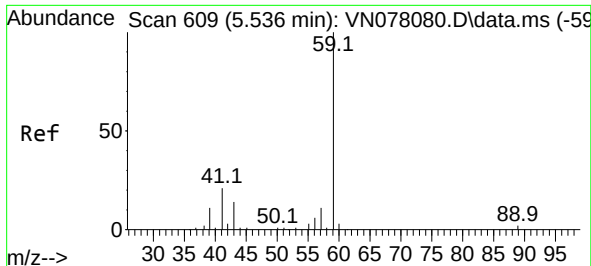
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#10
Methyl Iodide
Concen: 51.954 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

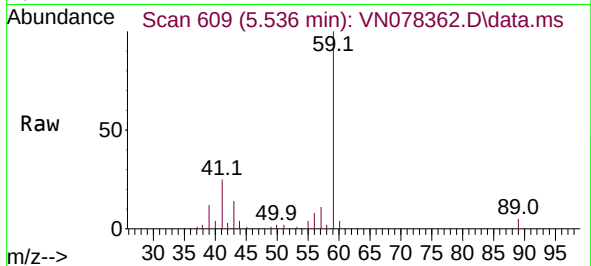
Tgt Ion:142 Resp: 317805
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 14.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 222.365 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

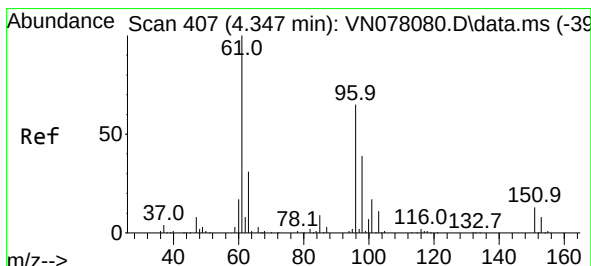
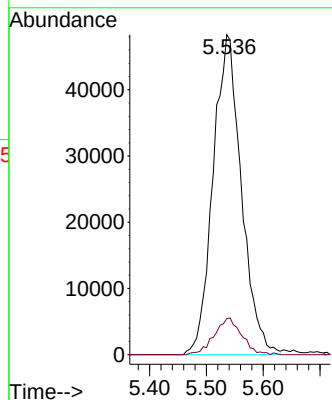
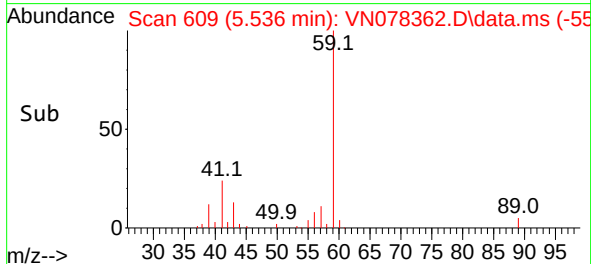
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



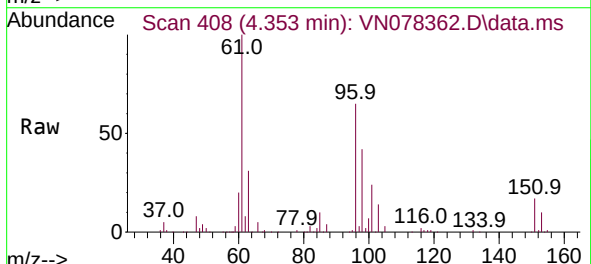
Tgt Ion: 59 Resp: 16715
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4

Manual Integrations
APPROVED

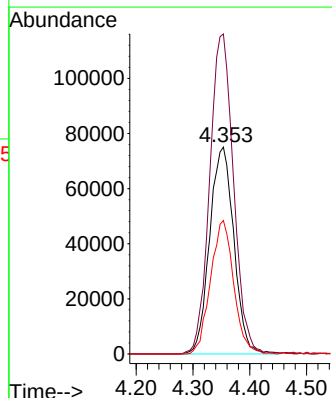
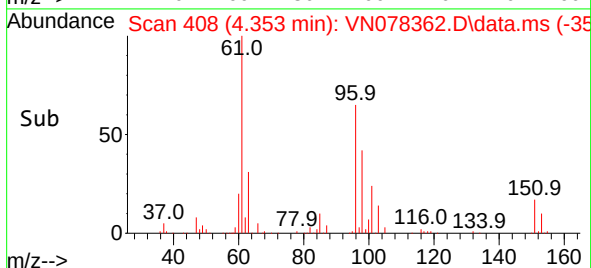
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

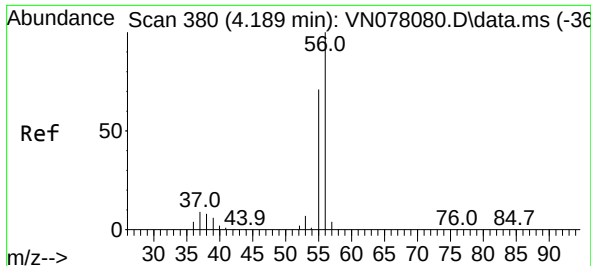


#12
1,1-Dichloroethene
Concen: 49.820 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04



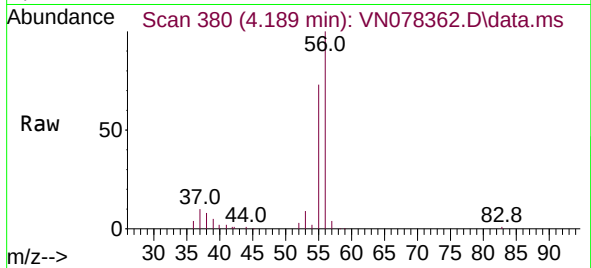
Tgt Ion: 96 Resp: 222139
Ion Ratio Lower Upper
96 100
61 154.7 112.7 169.1
98 64.5 51.2 76.8





#13
Acrolein
Concen: 289.346 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

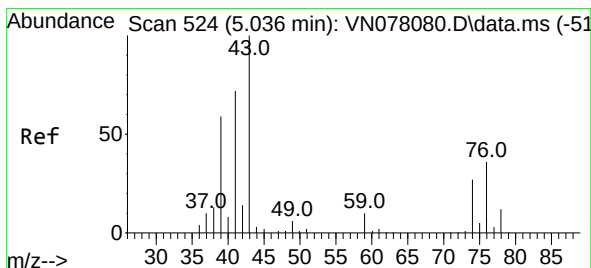
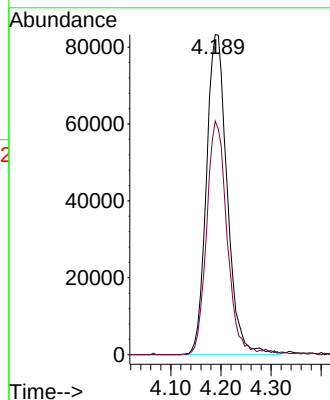
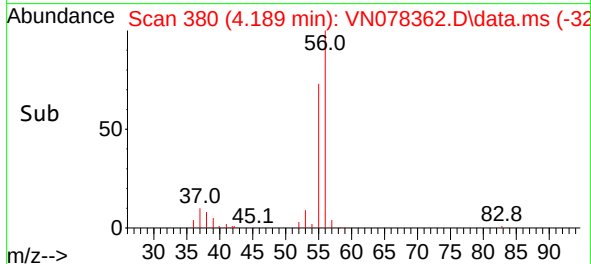
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 23972
Ion Ratio Lower Upper
56 100
55 71.4 54.5 81.7

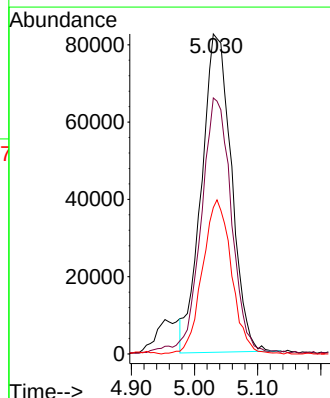
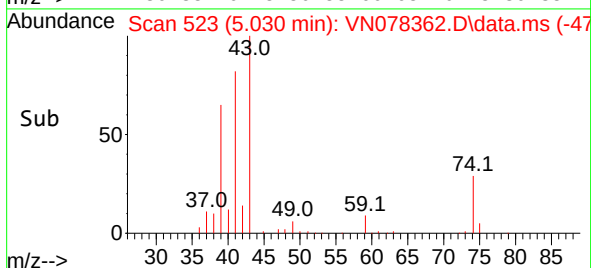
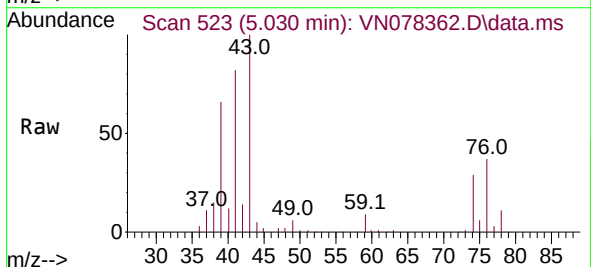
Manual Integrations
APPROVED

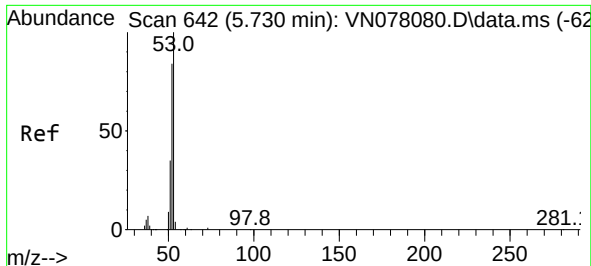
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#14
Allyl chloride
Concen: 49.817 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

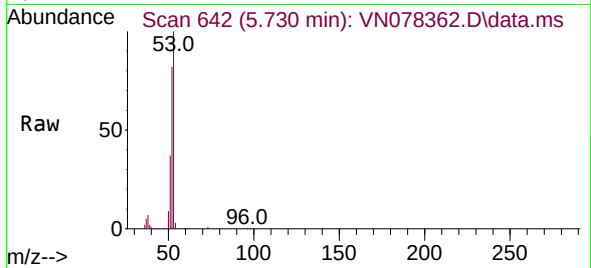
Tgt Ion: 41 Resp: 271152
Ion Ratio Lower Upper
41 100
39 81.5 58.8 88.2
76 47.0 39.1 58.7





#15
Acrylonitrile
Concen: 252.612 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

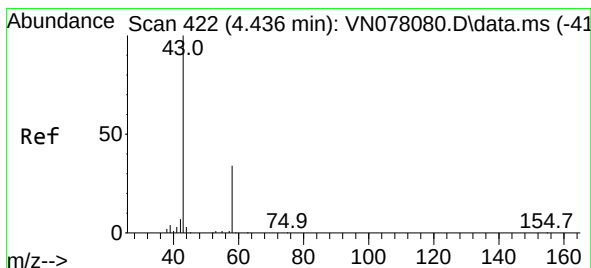
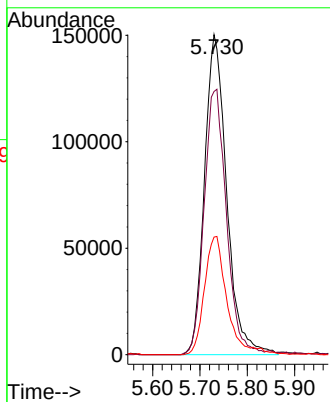
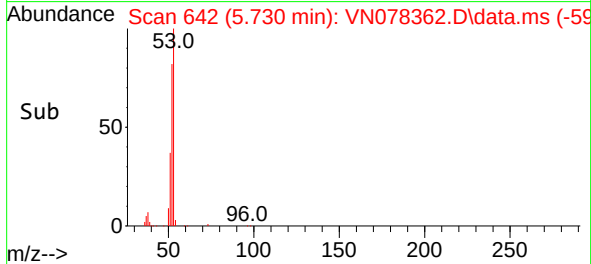
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 489570
Ion Ratio Lower Upper
53 100
52 83.3 65.3 97.9
51 37.7 28.9 43.3

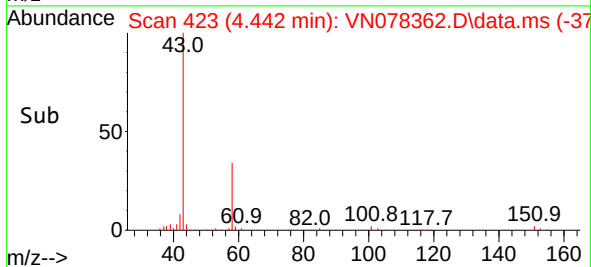
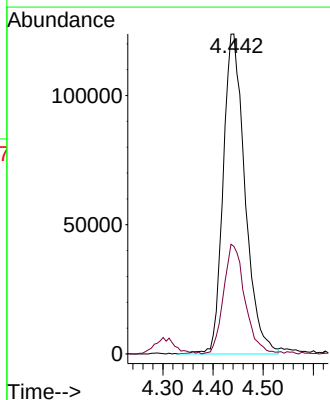
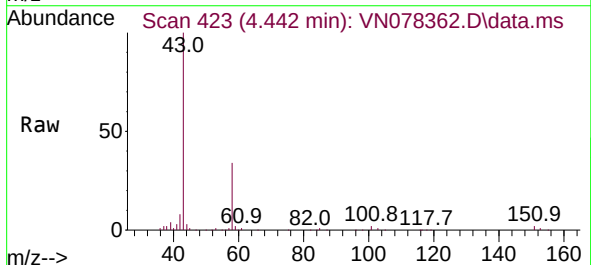
Manual Integrations
APPROVED

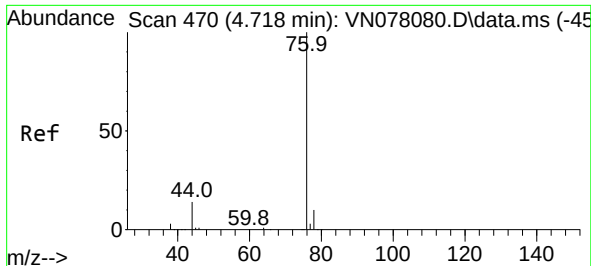
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#16
Acetone
Concen: 239.192 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

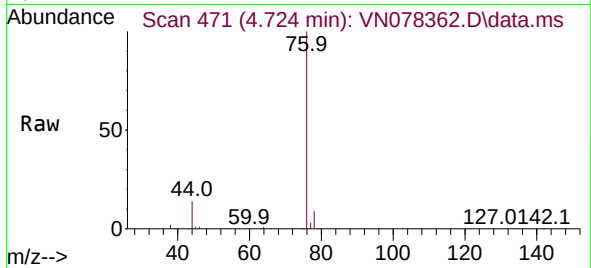
Tgt Ion: 43 Resp: 374820
Ion Ratio Lower Upper
43 100
58 33.0 28.0 42.0





#17
Carbon Disulfide
Concen: 50.071 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

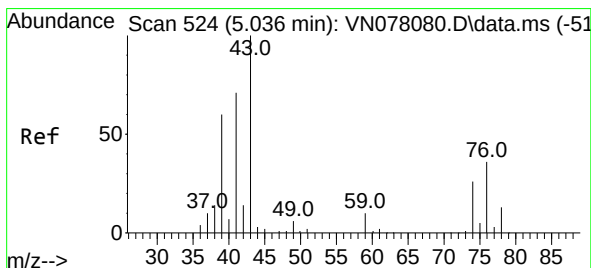
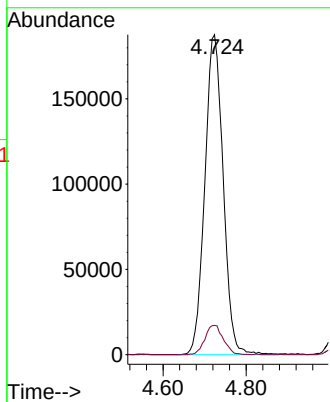
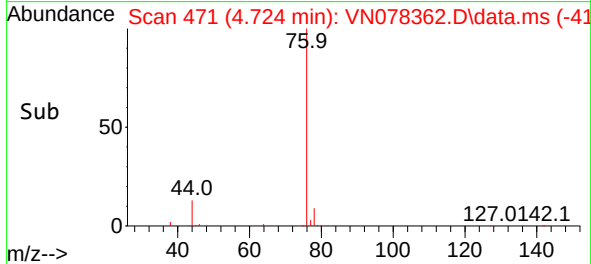
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



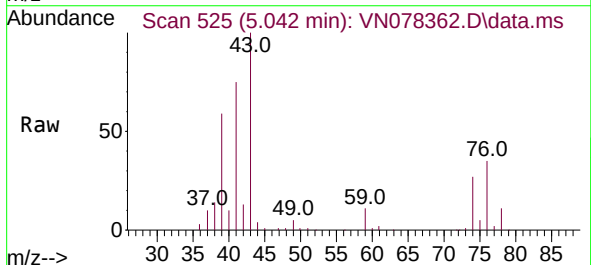
Tgt Ion: 76 Resp: 574649
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
APPROVED

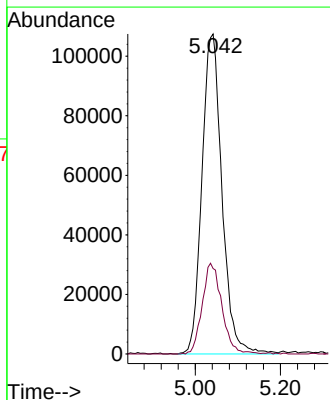
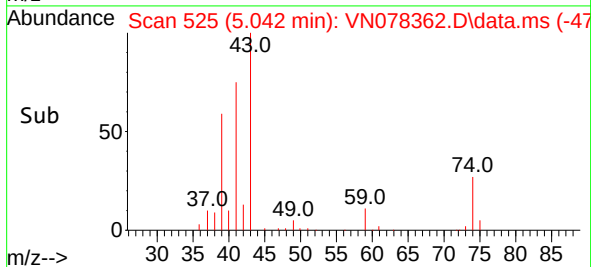
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

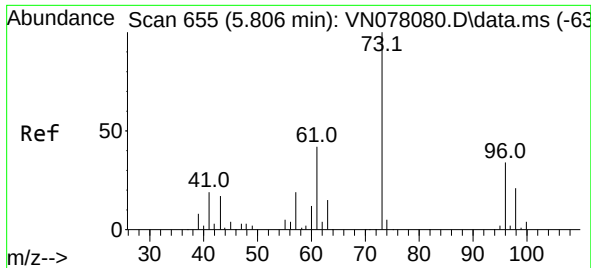


#18
Methyl Acetate
Concen: 48.619 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04



Tgt Ion: 43 Resp: 350764
Ion Ratio Lower Upper
43 100
74 27.8 26.2 39.4





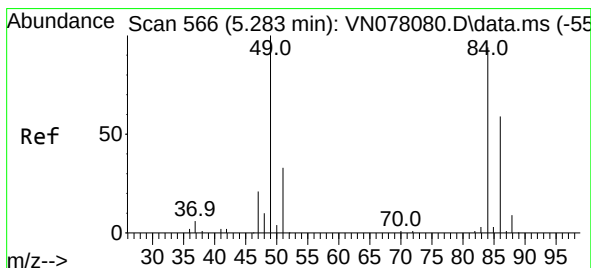
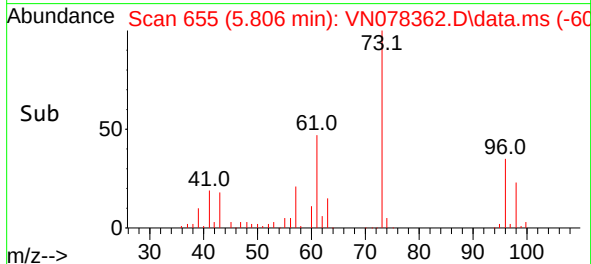
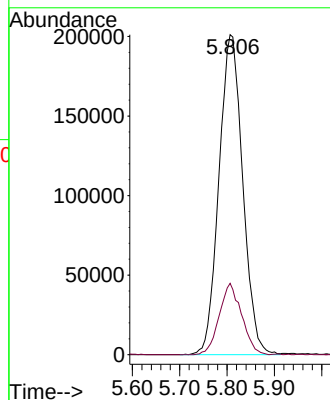
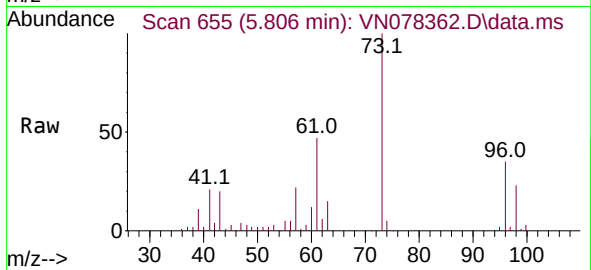
#19
Methyl tert-butyl Ether
Concen: 49.245 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 700574
Ion Ratio Lower Upper
73 100
57 22.3 15.6 23.4

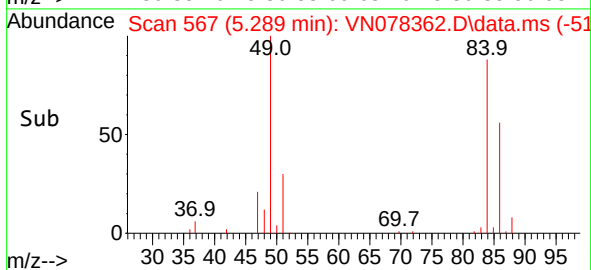
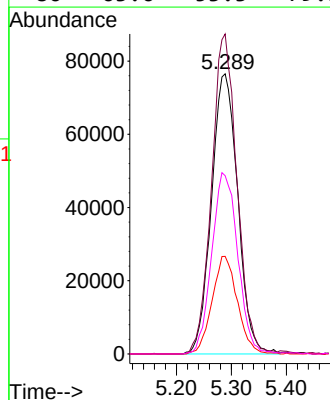
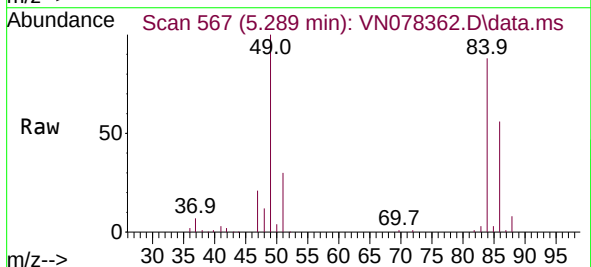
Manual Integrations
APPROVED

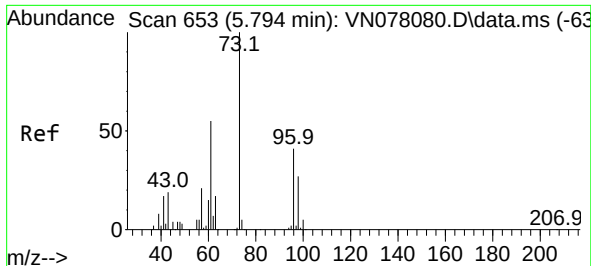
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#20
Methylene Chloride
Concen: 49.111 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

Tgt Ion: 84 Resp: 254313
Ion Ratio Lower Upper
84 100
49 114.2 79.7 119.5
51 34.8 25.2 37.8
86 63.6 53.3 79.9





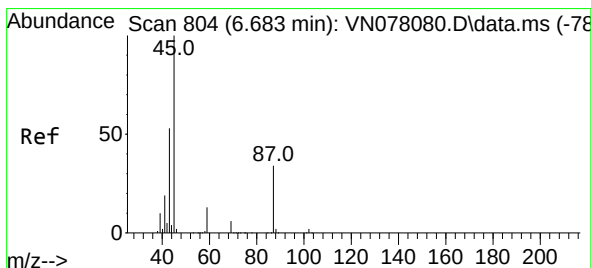
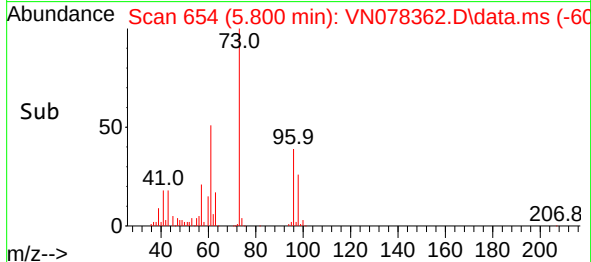
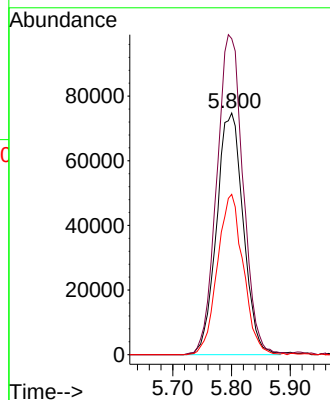
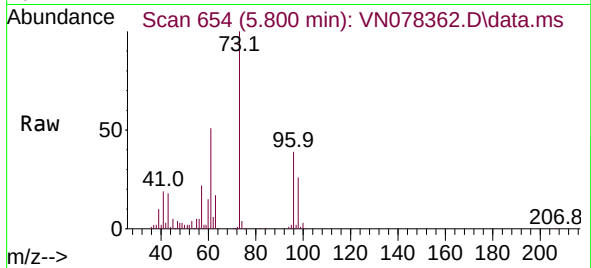
#21
trans-1,2-Dichloroethene
Concen: 49.014 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 235710
Ion Ratio Lower Upper
96 100
61 130.8 90.1 135.1
98 66.3 46.4 69.6

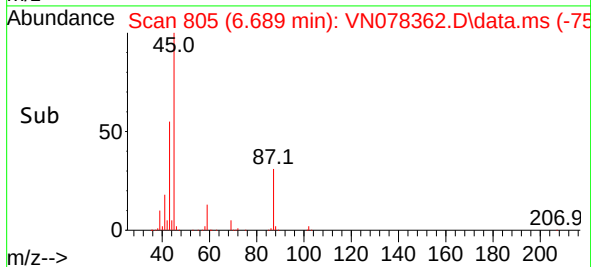
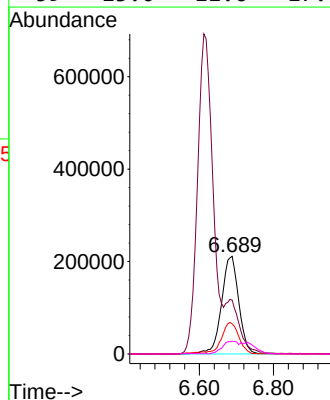
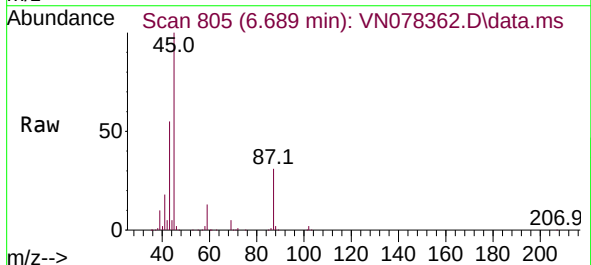
Manual Integrations
APPROVED

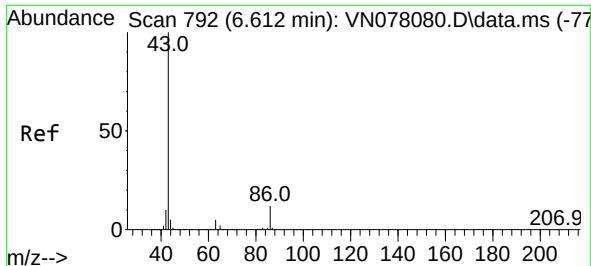
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#22
Diisopropyl ether
Concen: 53.122 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

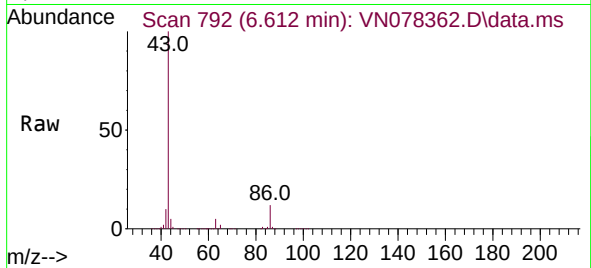
Tgt Ion: 45 Resp: 680127
Ion Ratio Lower Upper
45 100
43 54.8 45.5 68.3
87 30.7 31.8 47.8#
59 13.0 11.6 17.4





#23
 Vinyl Acetate
 Concen: 262.938 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078362.D
 Acq: 22 Jun 2023 20:04

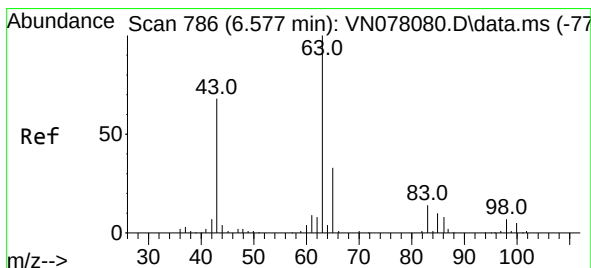
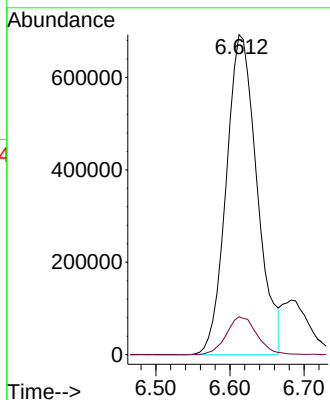
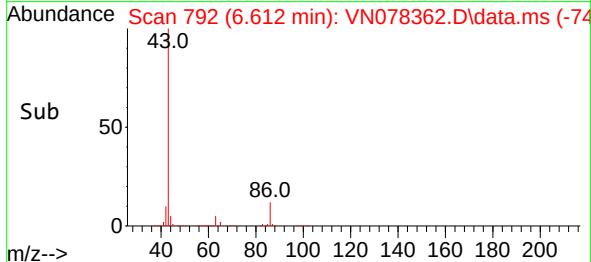
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



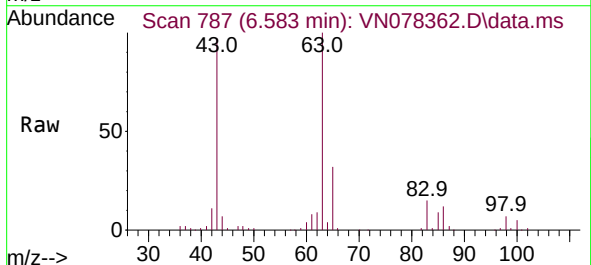
Tgt Ion: 43 Resp: 200113
 Ion Ratio Lower Upper
 43 100
 86 11.9 13.0 19.6

Manual Integrations
 APPROVED

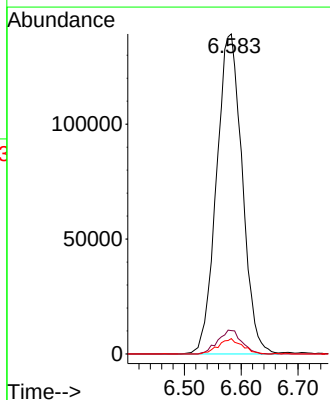
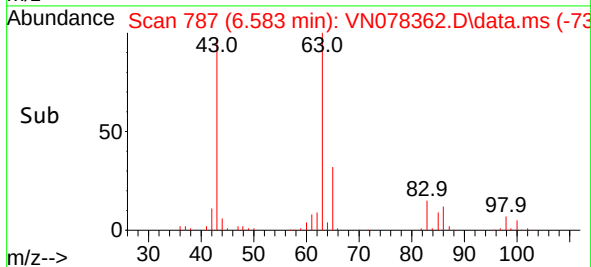
Reviewed By :John Carlone 06/23/2023
 Supervised By :Mahesh Dadoda 06/23/2023

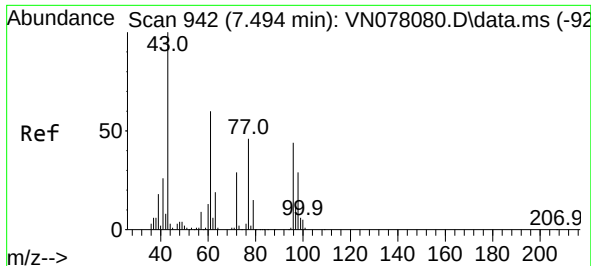


#24
 1,1-Dichloroethane
 Concen: 51.731 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078362.D
 Acq: 22 Jun 2023 20:04



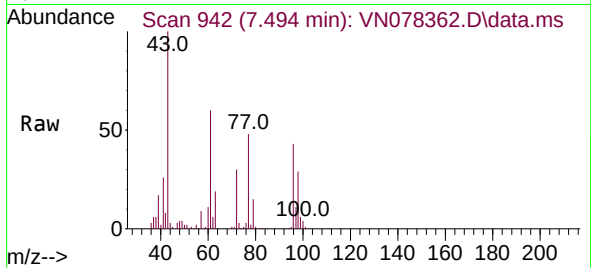
Tgt Ion: 63 Resp: 436910
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.8 2.5 7.4





#25
2-Butanone
Concen: 257.121 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

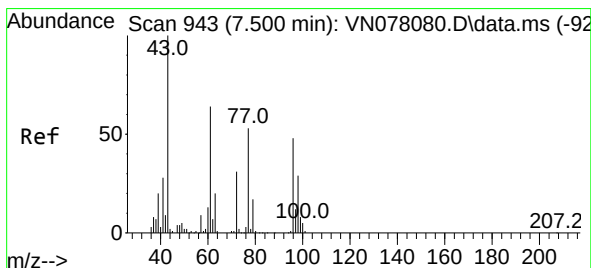
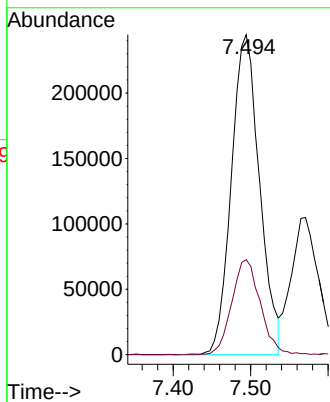
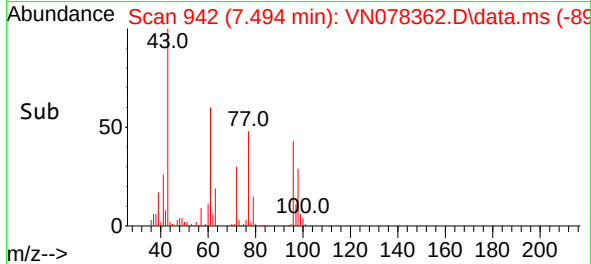
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



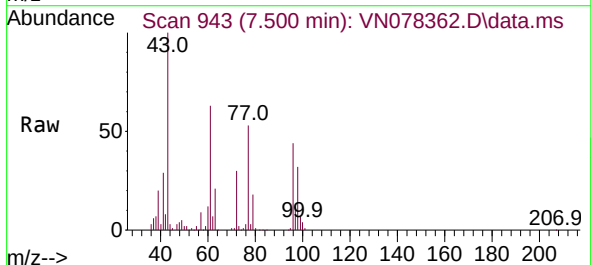
Tgt Ion: 43 Resp: 619590
Ion Ratio Lower Upper
43 100
72 29.7 30.2 45.2

Manual Integrations
APPROVED

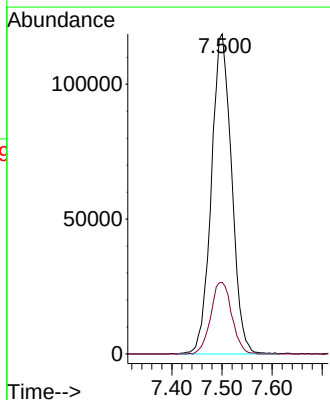
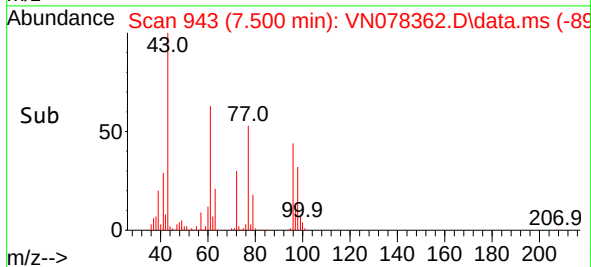
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

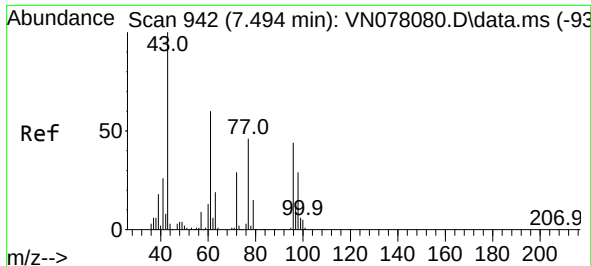


#26
2,2-Dichloropropane
Concen: 53.446 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04



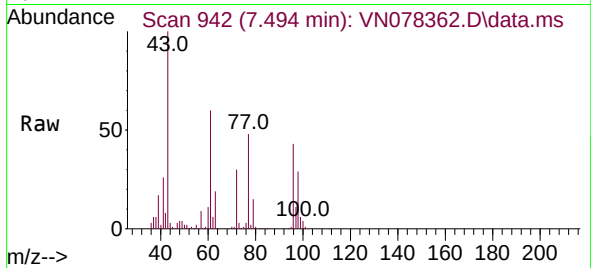
Tgt Ion: 77 Resp: 333298
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 48.003 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078362.D
 Acq: 22 Jun 2023 20:04

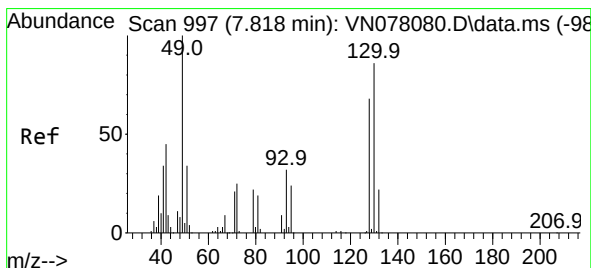
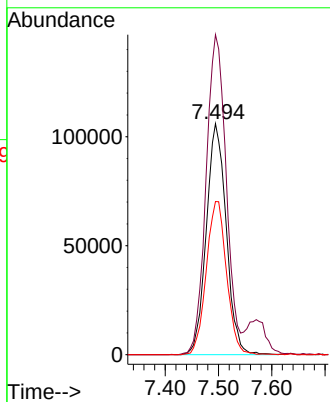
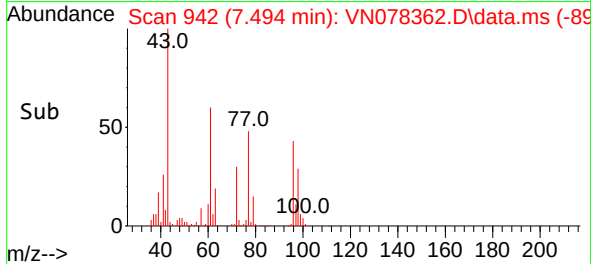
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 275360
 Ion Ratio Lower Upper
 96 100
 61 139.4 0.0 255.2
 98 67.5 0.0 128.8

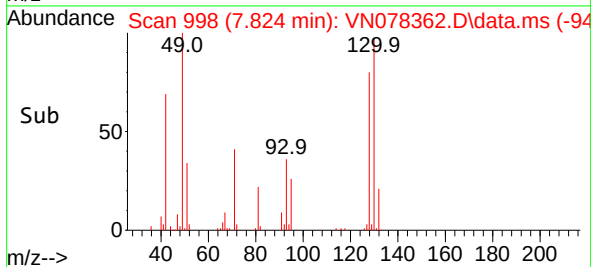
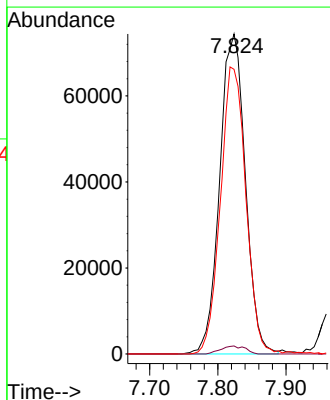
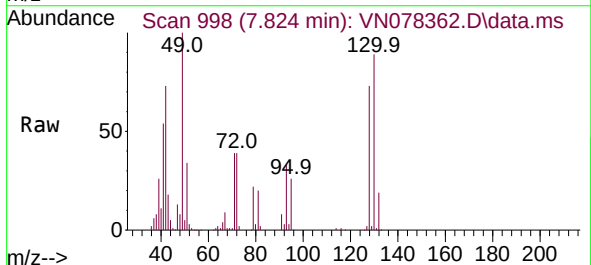
Manual Integrations
 APPROVED

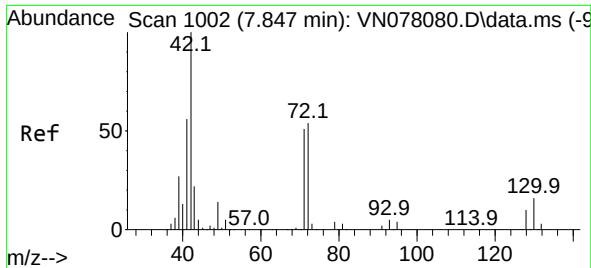
Reviewed By :John Carlone 06/23/2023
 Supervised By :Mahesh Dadoda 06/23/2023



#28
 Bromochloromethane
 Concen: 50.297 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078362.D
 Acq: 22 Jun 2023 20:04

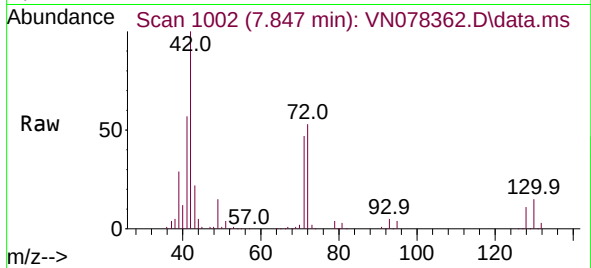
Tgt Ion: 49 Resp: 195043
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 88.8 75.3 112.9





#29
Tetrahydrofuran
Concen: 257.183 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

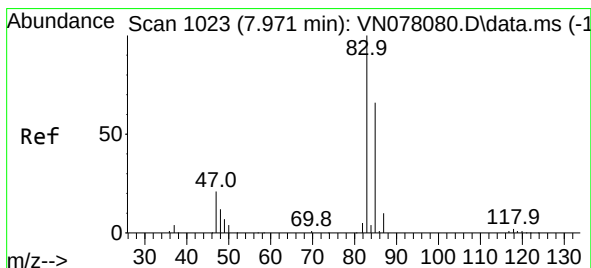
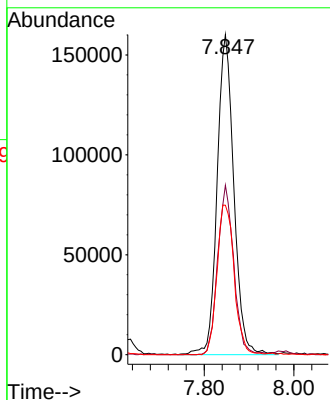
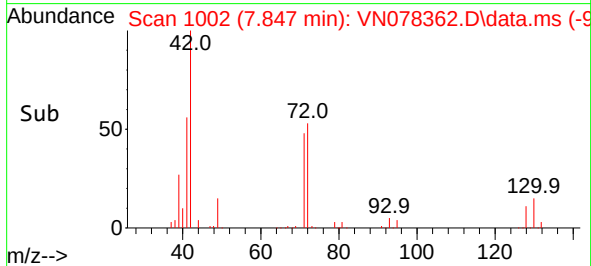
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



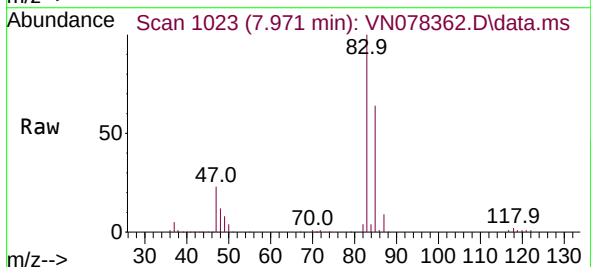
Tgt Ion: 42 Resp: 41430
Ion Ratio Lower Upper
42 100
72 50.8 49.8 74.6
71 48.2 47.4 71.2

Manual Integrations
APPROVED

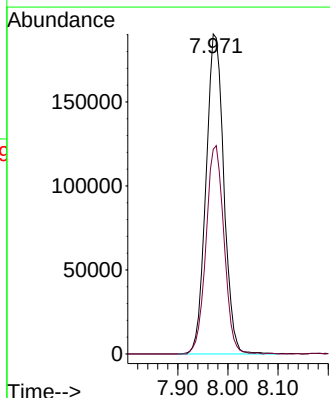
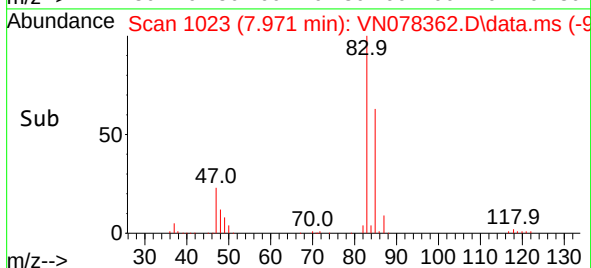
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

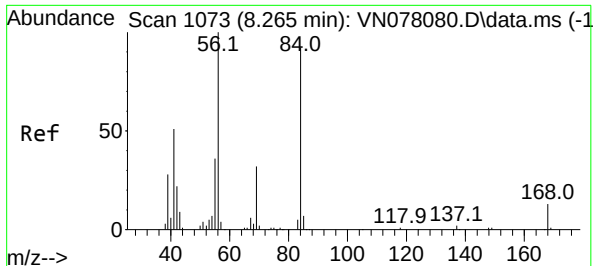


#30
Chloroform
Concen: 51.726 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04



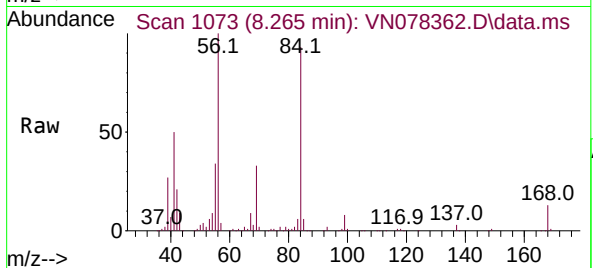
Tgt Ion: 83 Resp: 470427
Ion Ratio Lower Upper
83 100
85 63.9 55.4 83.0





#31
Cyclohexane
Concen: 48.884 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

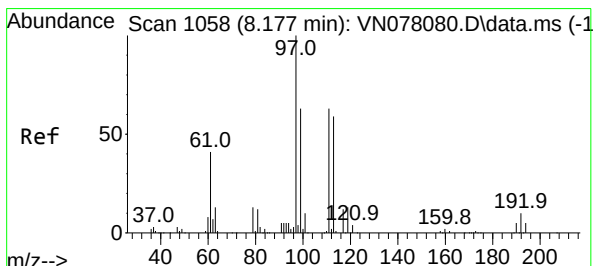
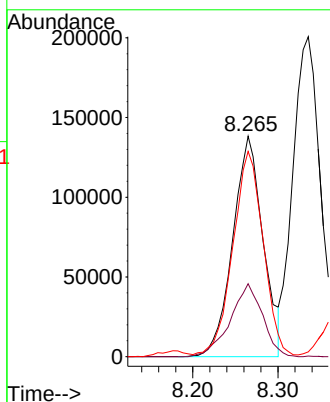
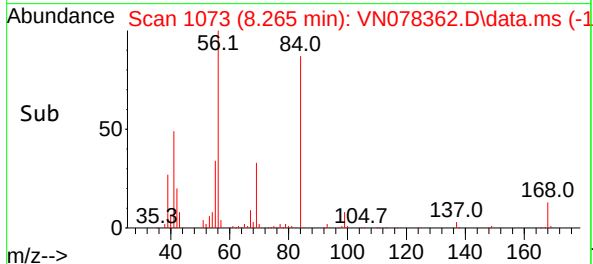
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



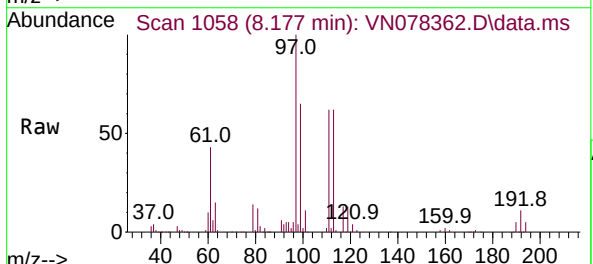
Tgt Ion: 56 Resp: 341388
Ion Ratio Lower Upper
56 100
69 33.1 26.8 40.2
84 90.5 81.8 122.6

Manual Integrations
APPROVED

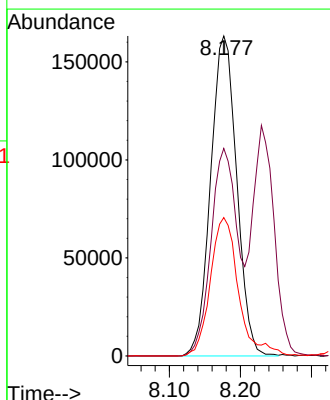
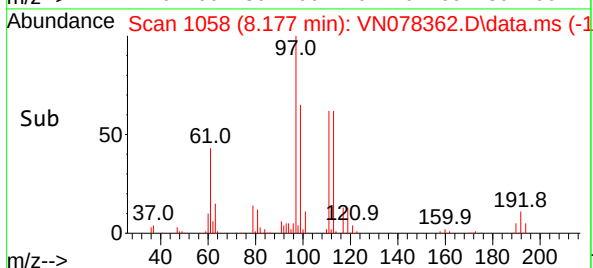
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

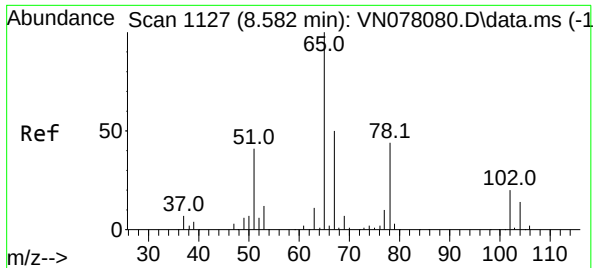


#32
1,1,1-Trichloroethane
Concen: 52.055 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04



Tgt Ion: 97 Resp: 415630
Ion Ratio Lower Upper
97 100
99 66.1 50.3 75.5
61 46.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.637 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078362.D

Acq: 22 Jun 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 281120

Ion Ratio Lower Upper

65 100

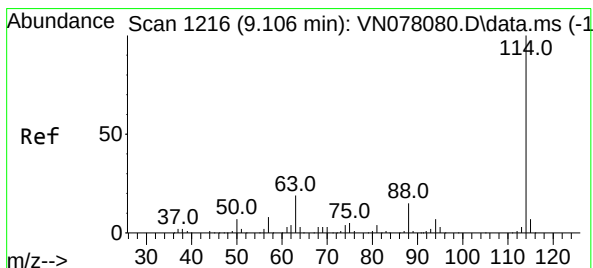
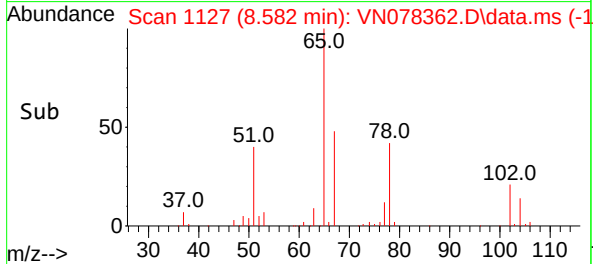
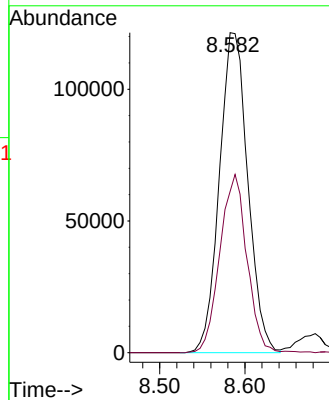
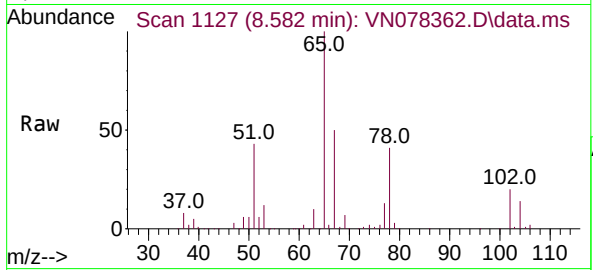
67 53.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078362.D

Acq: 22 Jun 2023 20:04

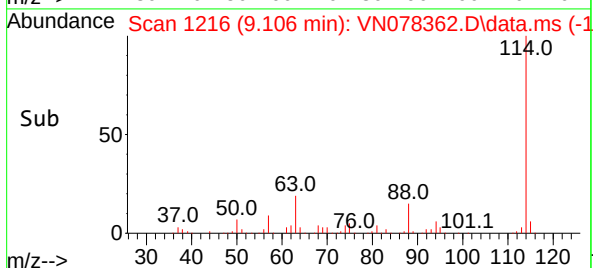
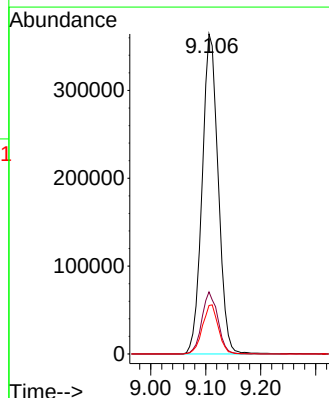
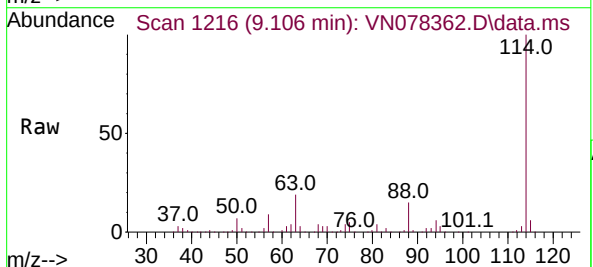
Tgt Ion:114 Resp: 739033

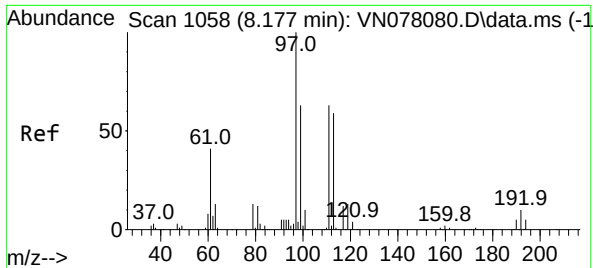
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

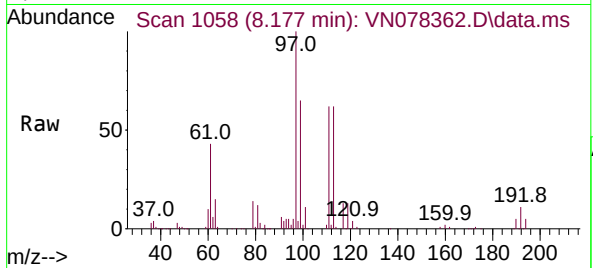
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.601 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

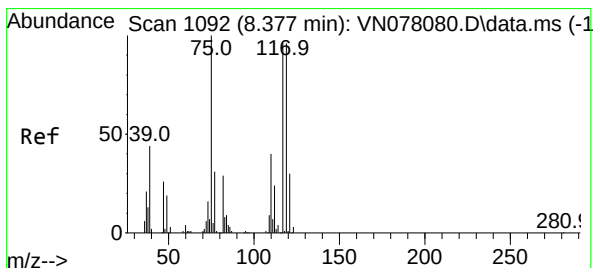
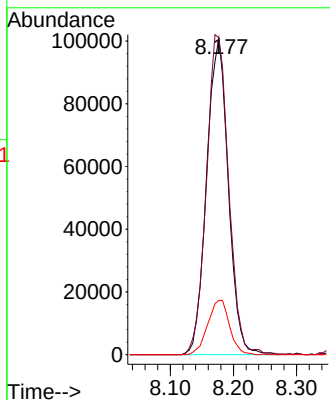
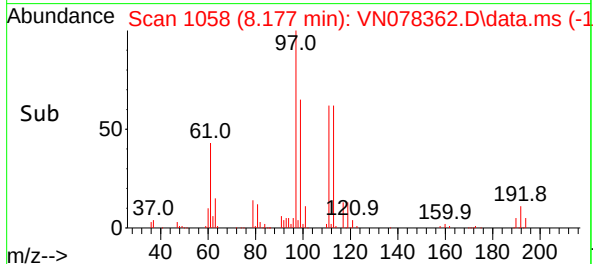
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



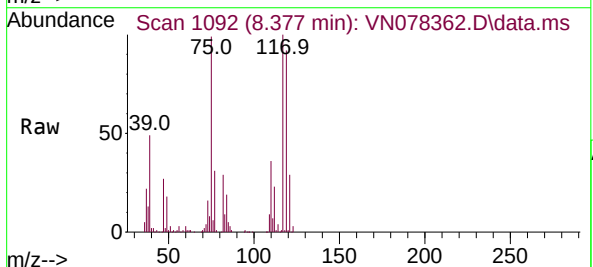
Tgt Ion: 113 Resp: 24112
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 17.2 12.7 19.1

Manual Integrations
APPROVED

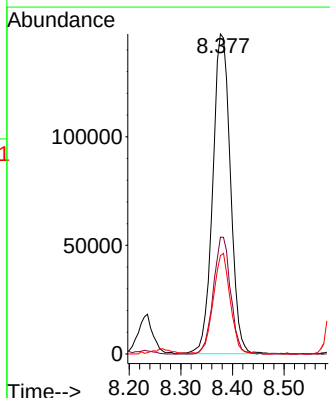
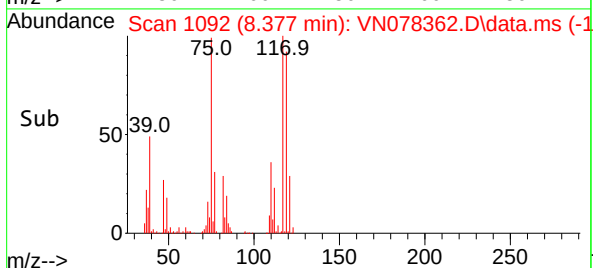
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

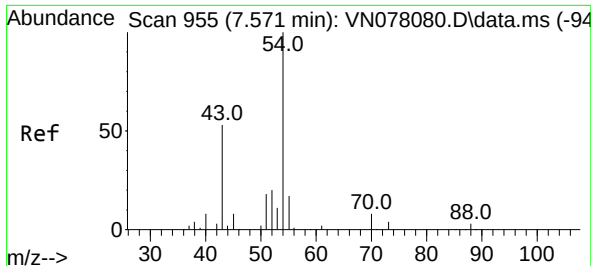


#36
1,1-Dichloropropene
Concen: 52.167 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04



Tgt Ion: 75 Resp: 349655
Ion Ratio Lower Upper
75 100
110 35.6 19.1 57.3
77 30.3 25.0 37.4





#37

Ethyl Acetate

Concen: 51.333 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN078362.D

Acq: 22 Jun 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 268784

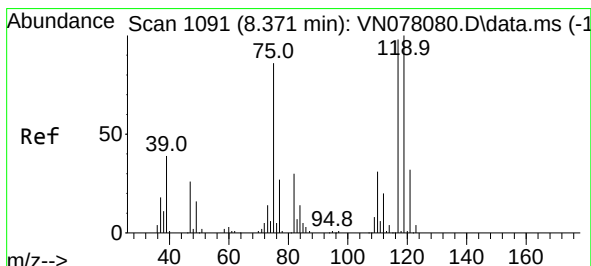
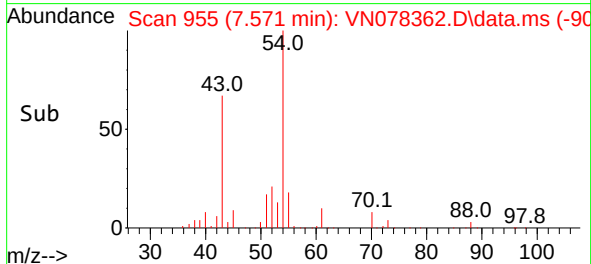
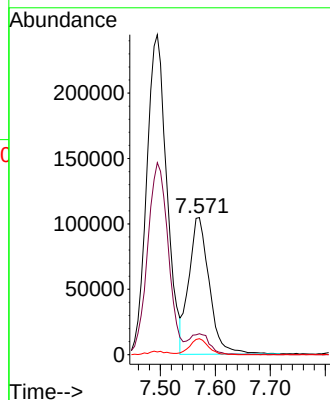
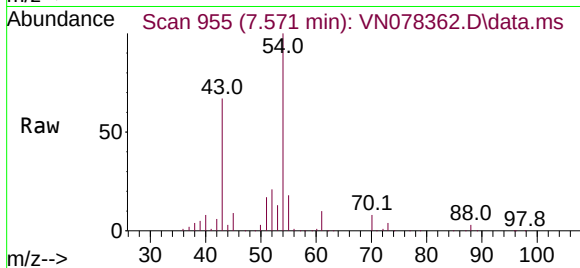
Ion	Ratio	Lower	Upper
43	100		
61	14.4	13.2	19.8
70	10.8	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#38

Carbon Tetrachloride

Concen: 52.821 ug/l

RT: 8.365 min Scan# 1090

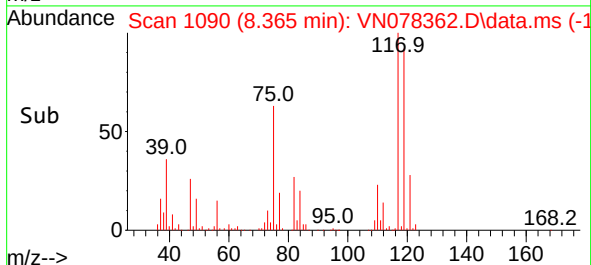
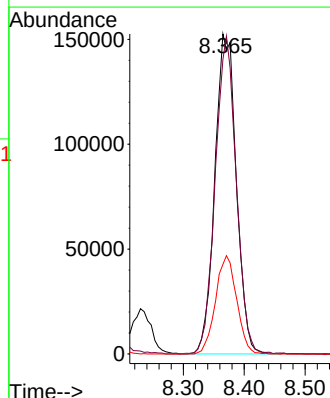
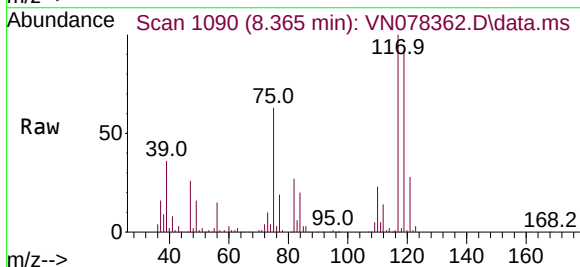
Delta R.T. -0.006 min

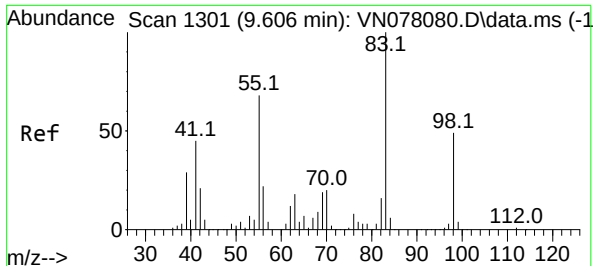
Lab File: VN078362.D

Acq: 22 Jun 2023 20:04

Tgt Ion:117 Resp: 373831

Ion	Ratio	Lower	Upper
117	100		
119	92.1	77.3	115.9
121	28.0	23.3	34.9





#39

Methylcyclohexane

Concen: 44.399 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078362.D

Acq: 22 Jun 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 30840

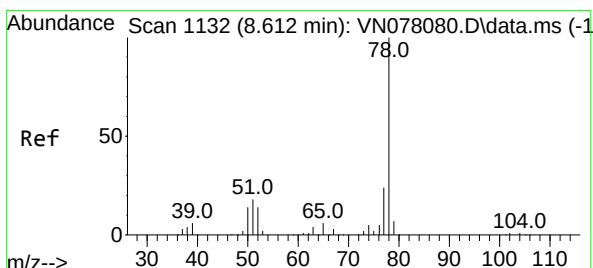
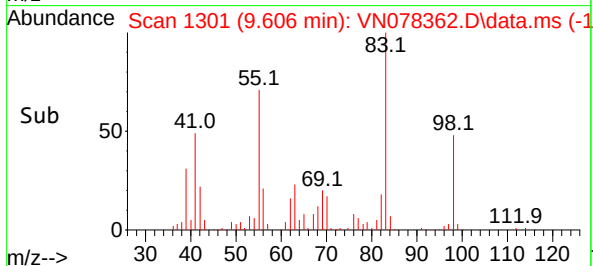
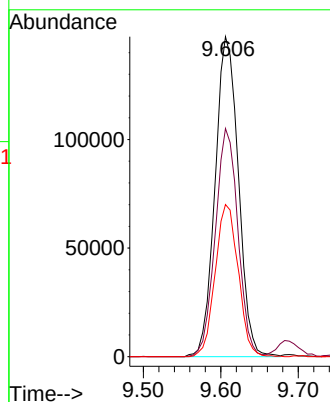
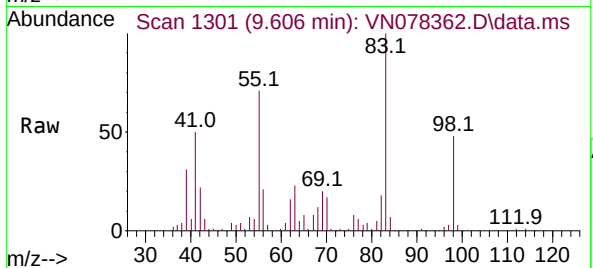
Ion	Ratio	Lower	Upper
83	100		
55	71.3	49.1	73.7
98	47.6	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#40

Benzene

Concen: 51.288 ug/l

RT: 8.612 min Scan# 1132

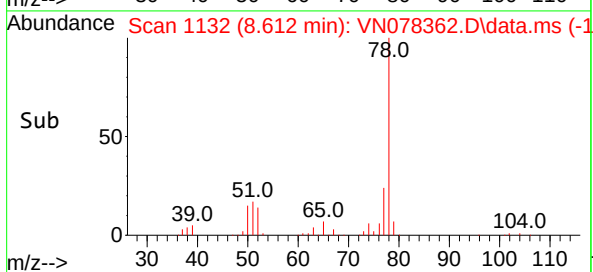
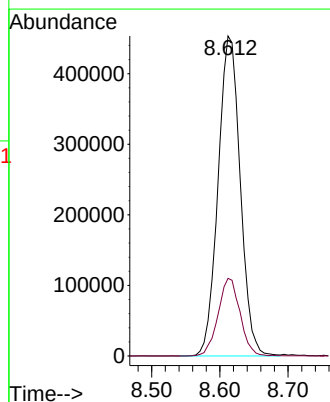
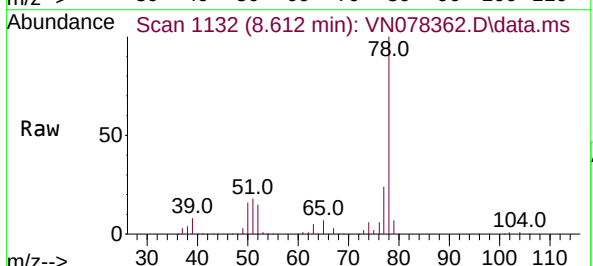
Delta R.T. 0.000 min

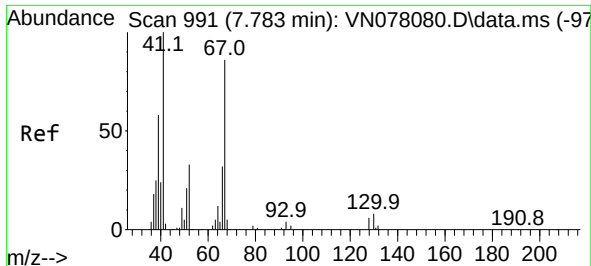
Lab File: VN078362.D

Acq: 22 Jun 2023 20:04

Tgt Ion: 78 Resp: 1026278

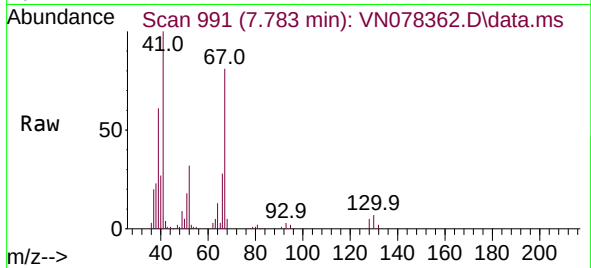
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.6





#41
Methacrylonitrile
Concen: 51.139 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

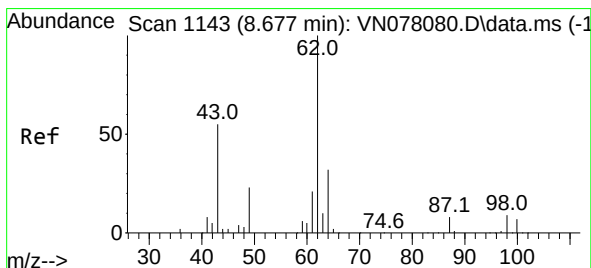
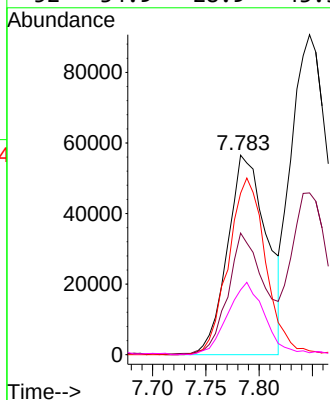
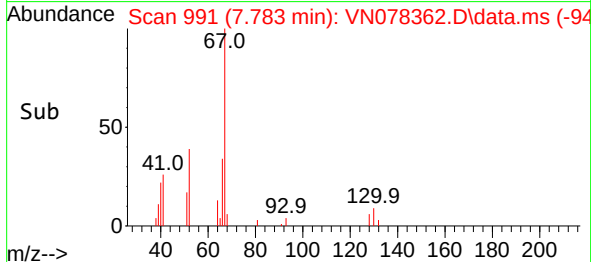
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	145139
Ion Ratio	100	Lower	Upper
41	100		
39	57.4	42.6	64.0
67	84.8	77.5	116.3
52	34.9	28.9	43.3

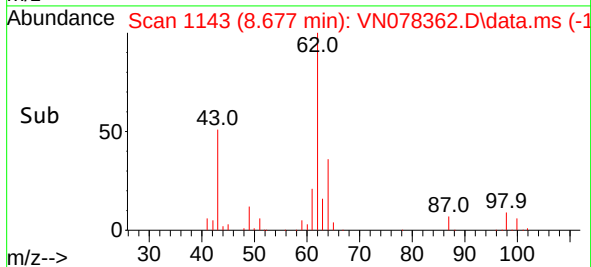
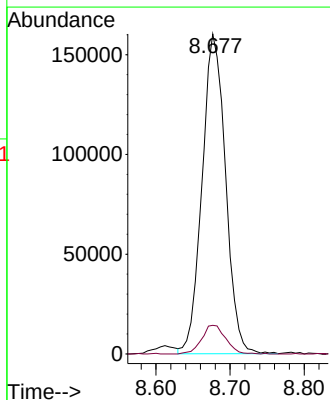
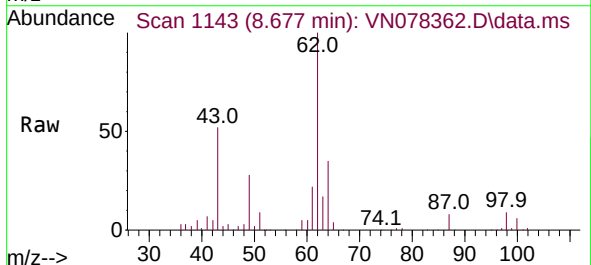
Manual Integrations
APPROVED

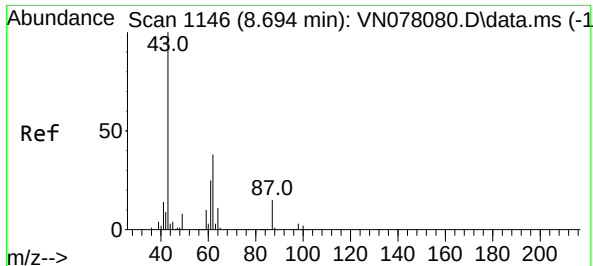
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#42
1,2-Dichloroethane
Concen: 51.422 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

Tgt Ion:	62	Resp:	352799
Ion Ratio	100	Lower	Upper
62	100		
98	9.2	0.0	19.8





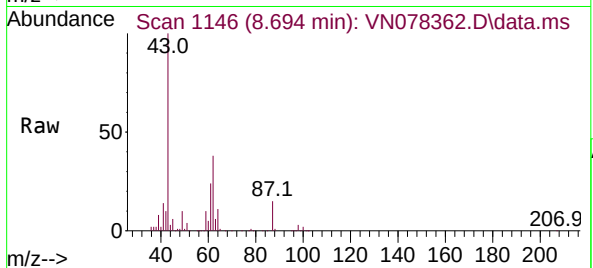
#43
Isopropyl Acetate
Concen: 48.223 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



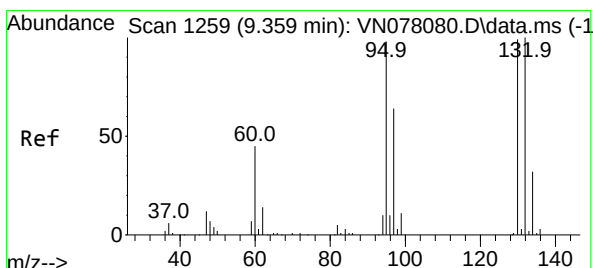
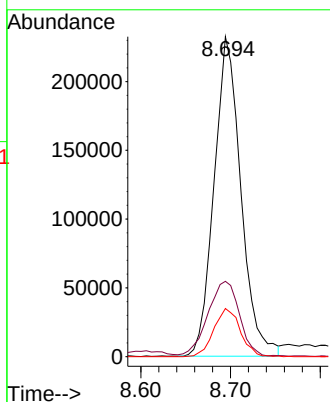
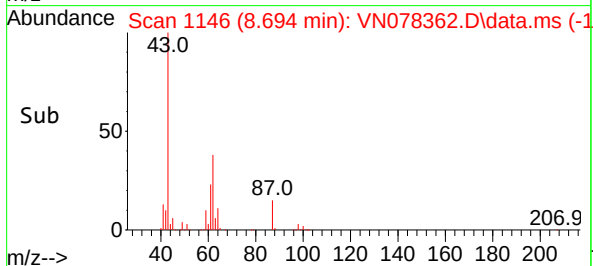
Tgt Ion: 43 Resp: 482894
Ion Ratio Lower Upper
43 100
61 27.7 24.7 37.1
87 14.9 14.6 21.8

Manual Integrations

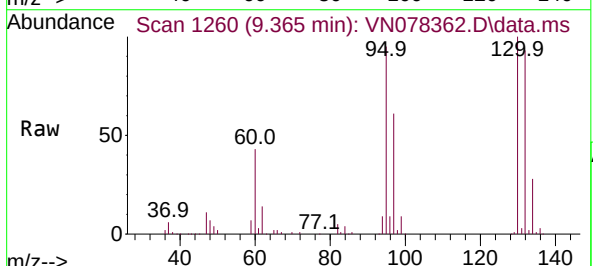
APPROVED

Reviewed By :John Carlone 06/23/2023

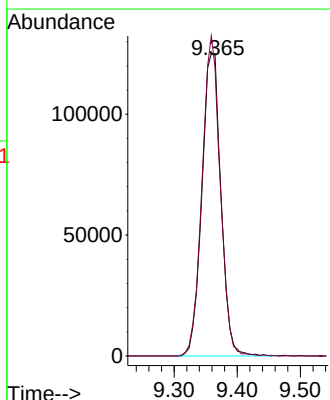
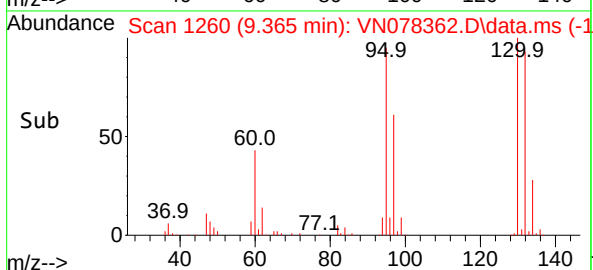
Supervised By :Mahesh Dadoda 06/23/2023

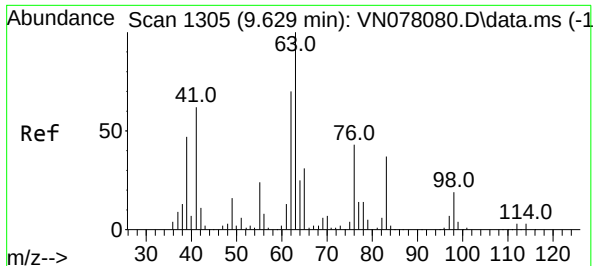


#44
Trichloroethene
Concen: 49.599 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04



Tgt Ion:130 Resp: 262101
Ion Ratio Lower Upper
130 100
95 95.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 52.435 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078362.D

Acq: 22 Jun 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 26104

Ion Ratio Lower Upper

63 100

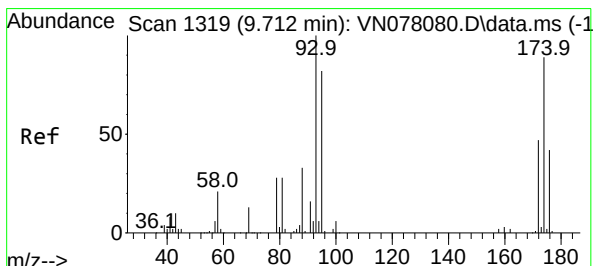
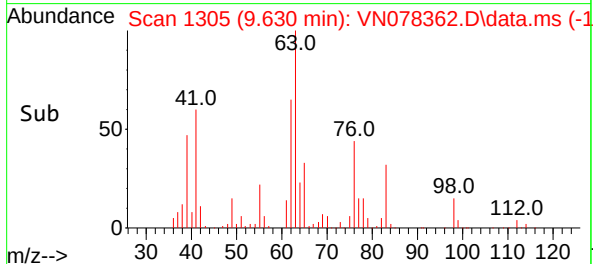
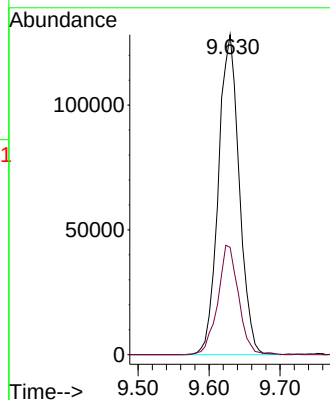
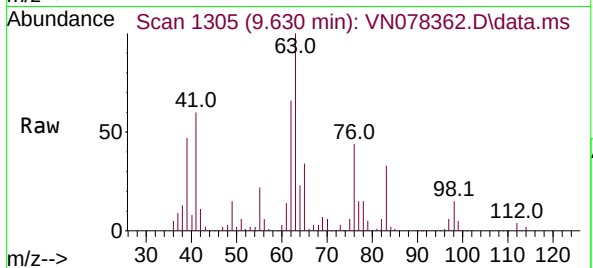
65 33.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#46

Dibromomethane

Concen: 50.941 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078362.D

Acq: 22 Jun 2023 20:04

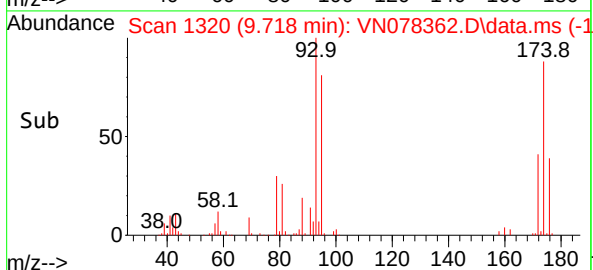
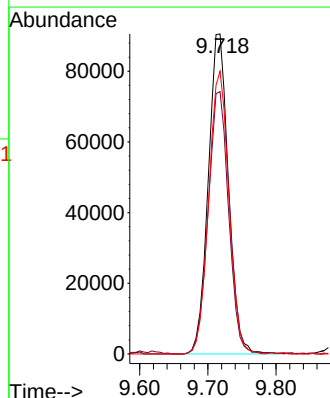
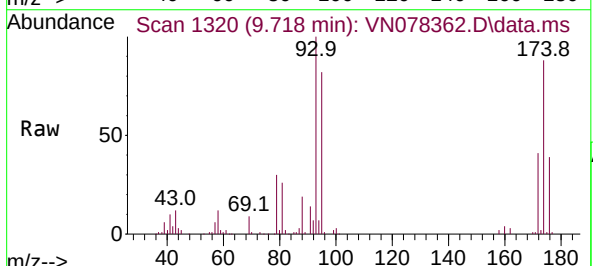
Tgt Ion: 93 Resp: 186802

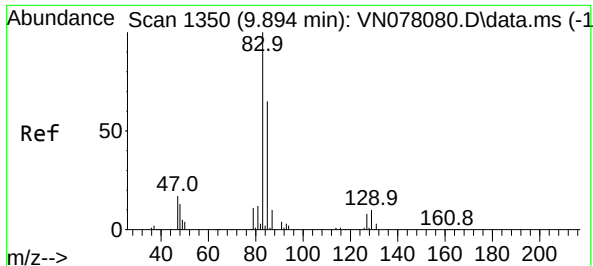
Ion Ratio Lower Upper

93 100

95 83.0 63.8 95.8

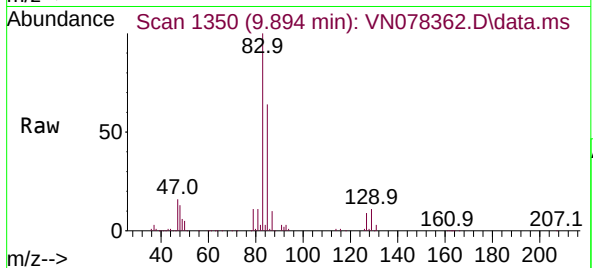
174 88.4 65.6 98.4





#47
Bromodichloromethane
Concen: 54.504 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

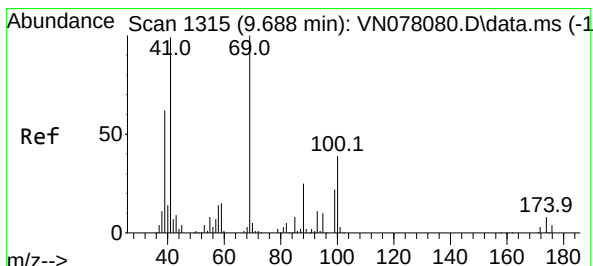
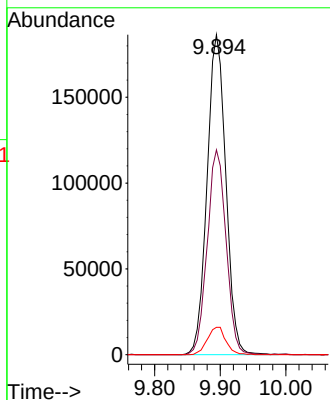
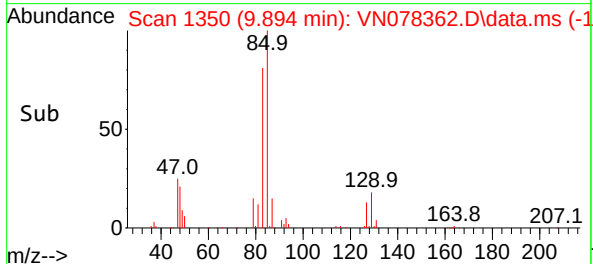
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



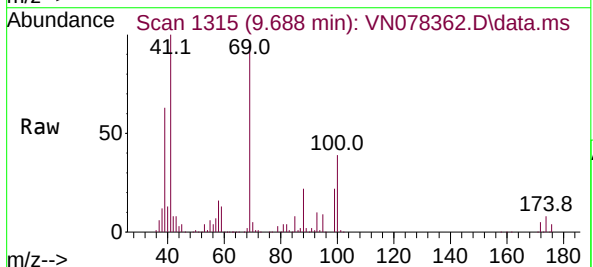
Tgt Ion: 83 Resp: 37125
Ion Ratio Lower Upper
83 100
85 64.0 49.6 74.4
127 8.5 7.0 10.6

Manual Integrations
APPROVED

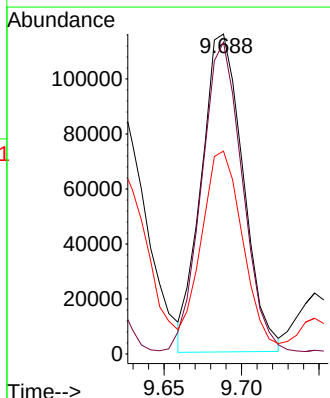
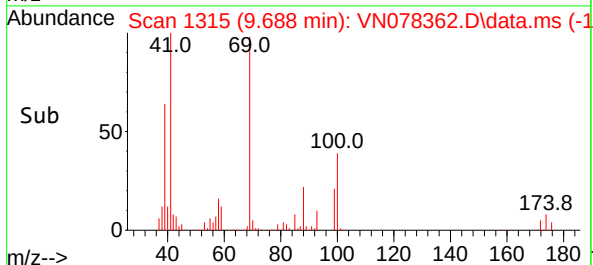
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

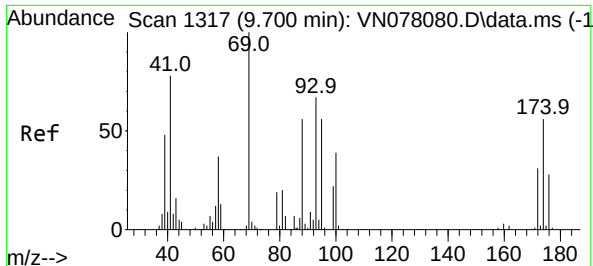


#48
Methyl methacrylate
Concen: 51.414 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04



Tgt Ion: 41 Resp: 216060
Ion Ratio Lower Upper
41 100
69 96.0 90.4 135.6
39 64.2 54.6 81.8





#49

1,4-Dioxane

Concen: 945.500 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN078362.D

Acq: 22 Jun 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 83510

Ion Ratio Lower Upper

88 100

43 26.6 17.0 25.6

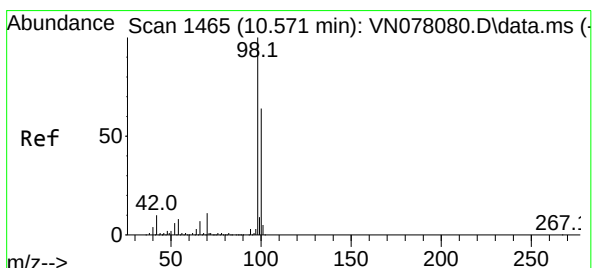
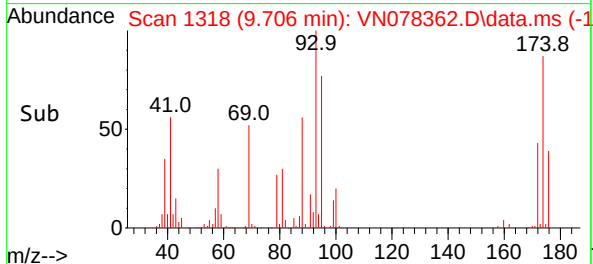
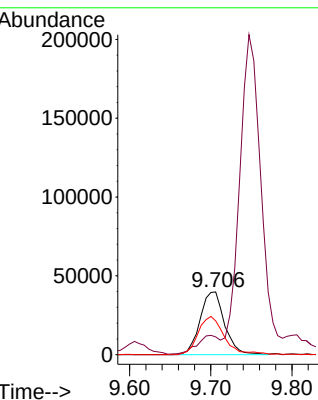
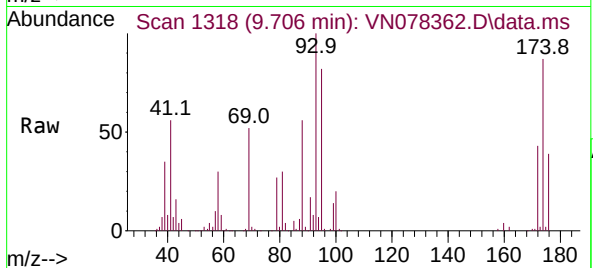
58 65.4 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#50

Toluene-d8

Concen: 50.932 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078362.D

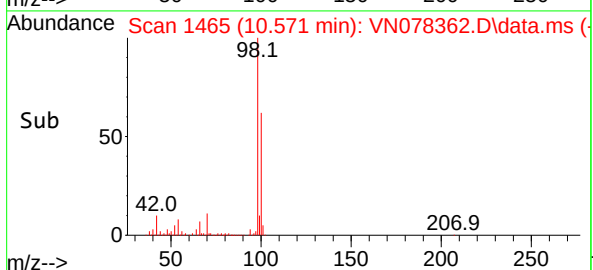
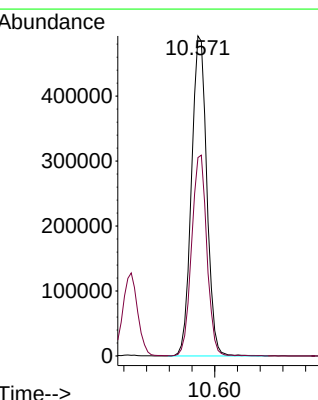
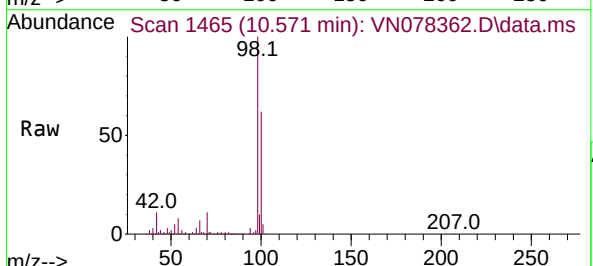
Acq: 22 Jun 2023 20:04

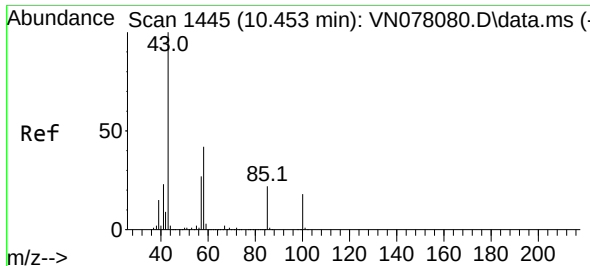
Tgt Ion: 98 Resp: 917495

Ion Ratio Lower Upper

98 100

100 62.7 52.0 78.0





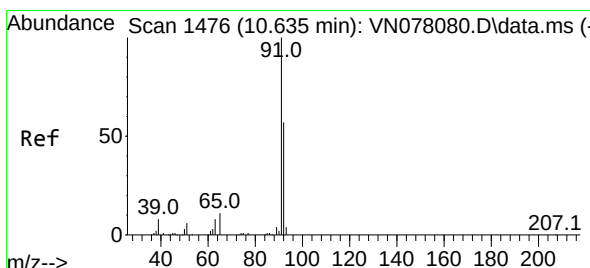
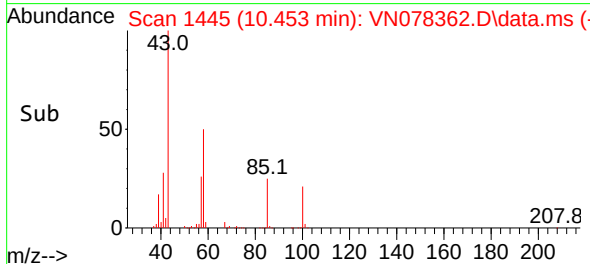
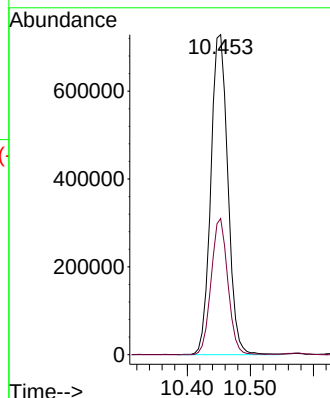
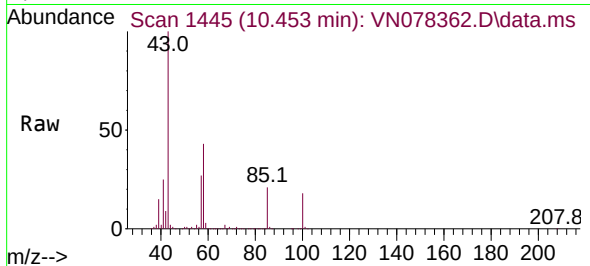
#51
4-Methyl-2-Pentanone
Concen: 259.016 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1365824
Ion Ratio Lower Upper
43 100
58 41.6 36.6 54.8

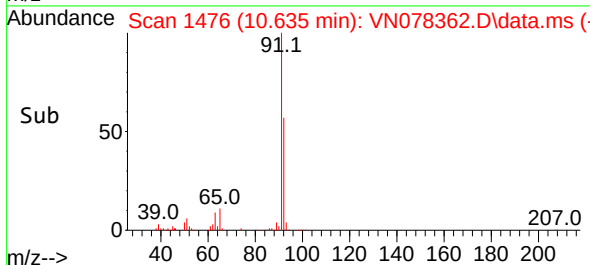
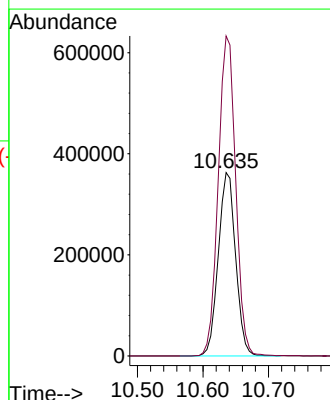
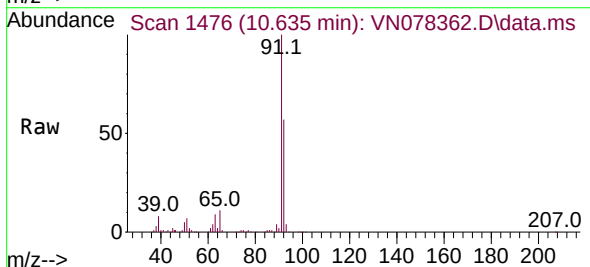
Manual Integrations
APPROVED

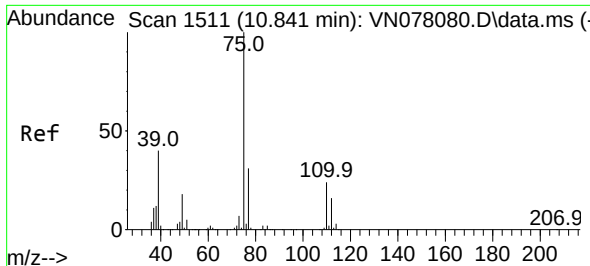
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#52
Toluene
Concen: 52.521 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

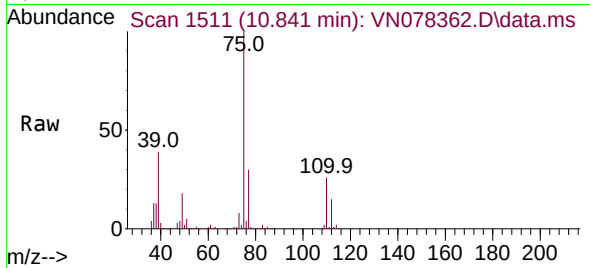
Tgt Ion: 92 Resp: 663536
Ion Ratio Lower Upper
92 100
91 176.1 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 52.941 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

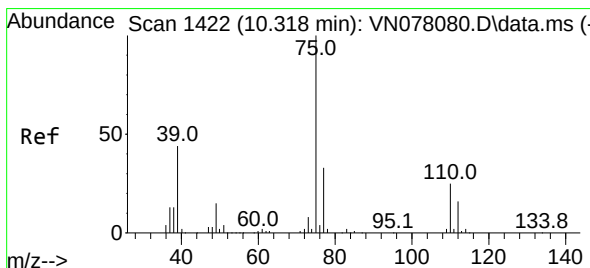
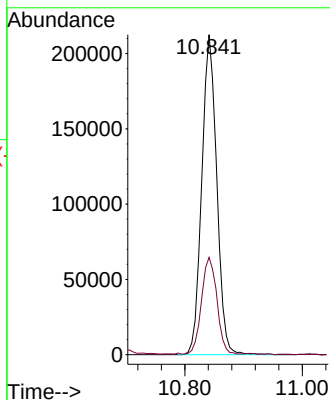
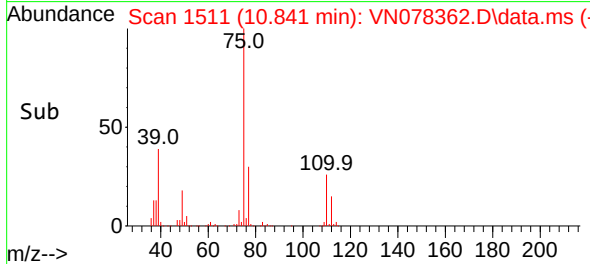
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 37556
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.0

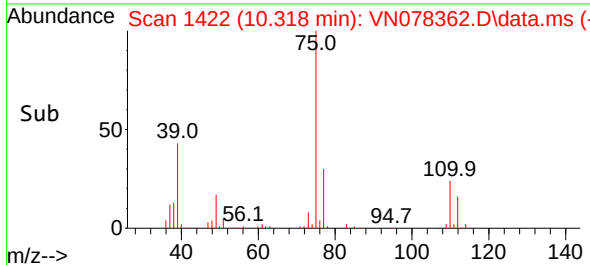
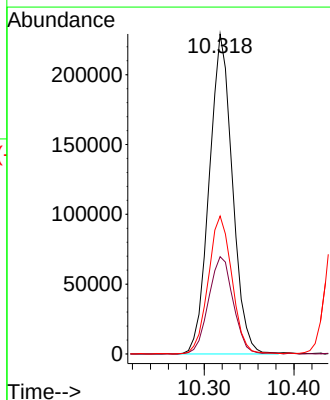
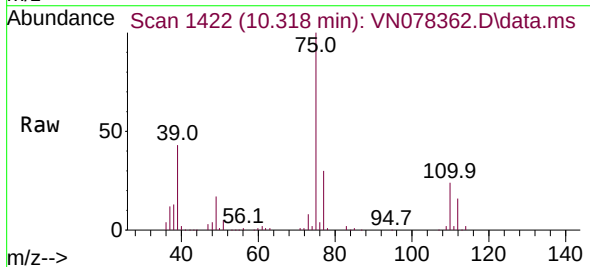
Manual Integrations
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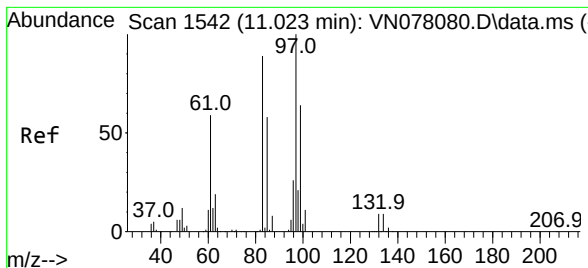
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#54
cis-1,3-Dichloropropene
Concen: 52.373 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

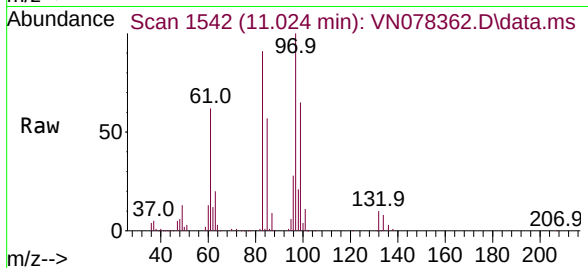
Tgt Ion: 75 Resp: 410698
Ion Ratio Lower Upper
75 100
77 30.4 26.1 39.1
39 43.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 51.409 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

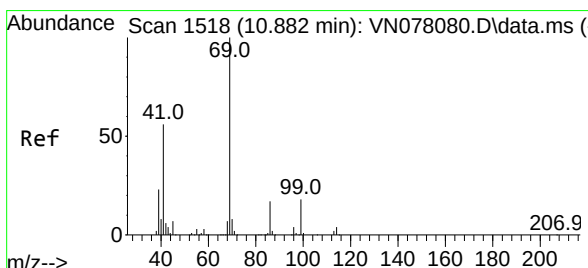
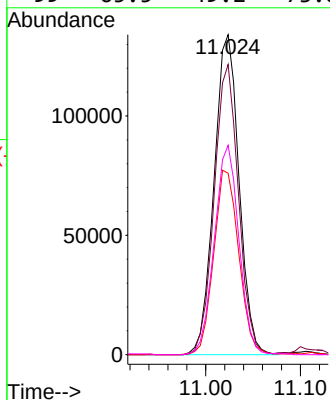
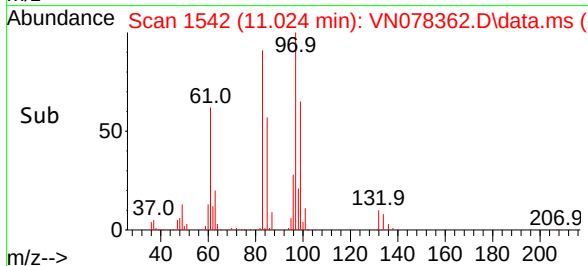
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



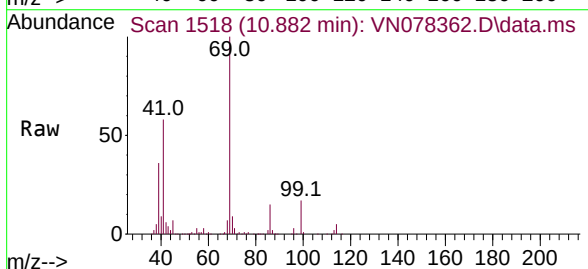
Tgt Ion: 97 Resp: 245691
Ion Ratio Lower Upper
97 100
83 90.7 65.1 97.7
85 56.7 43.4 65.2
99 65.5 49.2 73.8

Manual Integrations
APPROVED

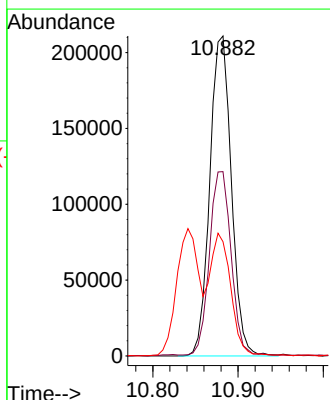
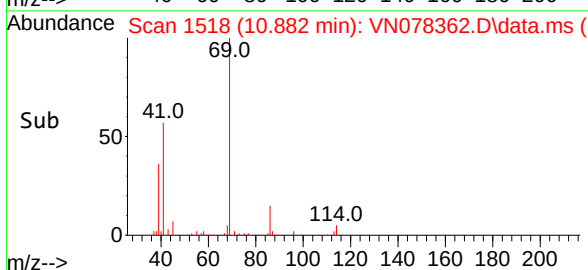
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

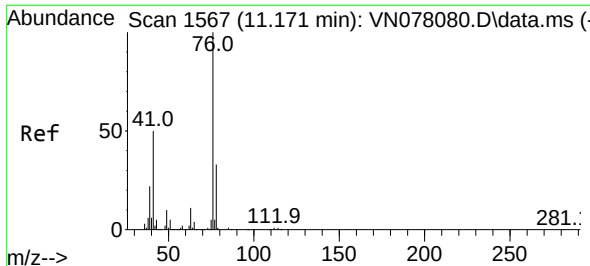


#56
Ethyl methacrylate
Concen: 53.268 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04



Tgt Ion: 69 Resp: 370691
Ion Ratio Lower Upper
69 100
41 57.8 39.6 59.4
39 37.4 28.6 43.0





#57

1,3-Dichloropropane

Concen: 52.418 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078362.D

Acq: 22 Jun 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 42286

Ion Ratio Lower Upper

76 100

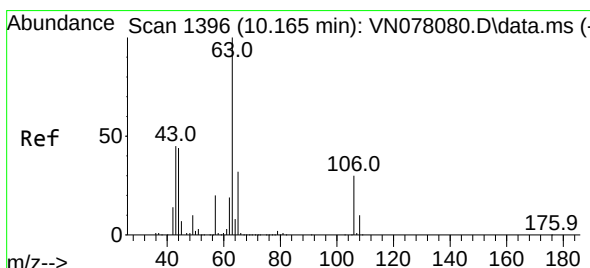
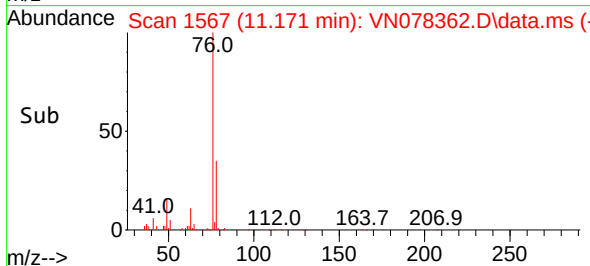
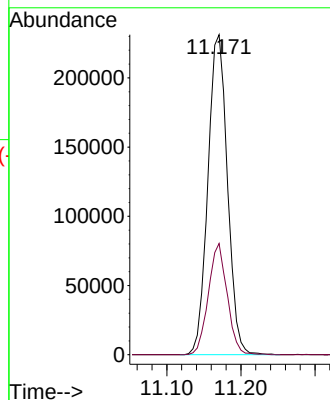
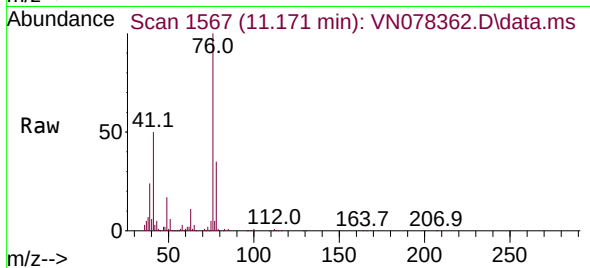
78 33.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#58

2-Chloroethyl Vinyl ether

Concen: 229.899 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078362.D

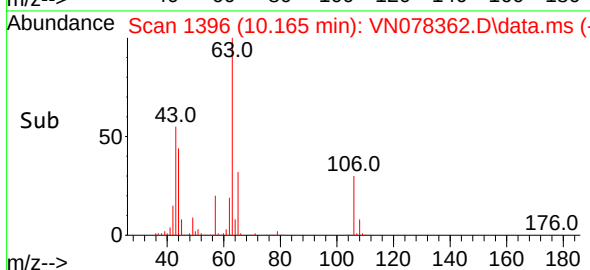
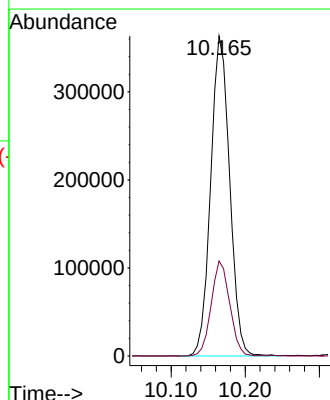
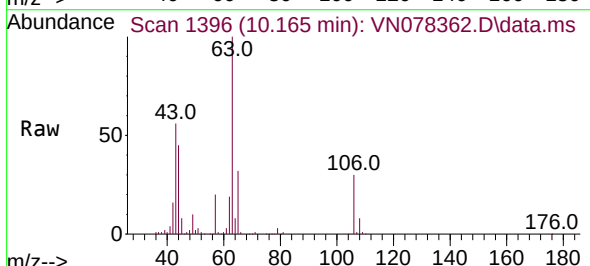
Acq: 22 Jun 2023 20:04

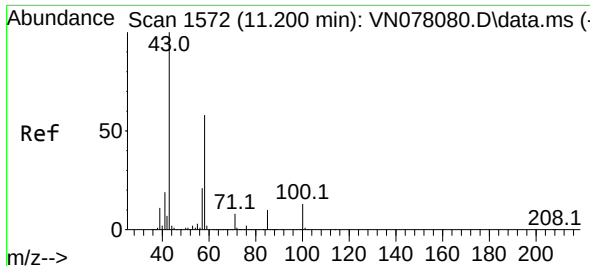
Tgt Ion: 63 Resp: 646291

Ion Ratio Lower Upper

63 100

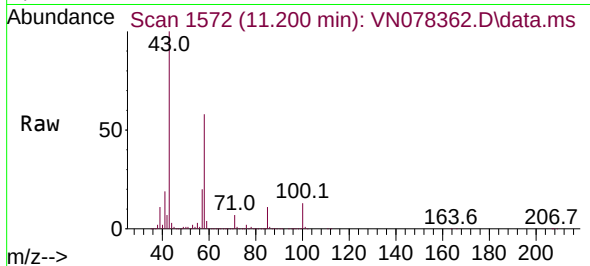
106 28.9 26.2 39.4





#59
2-Hexanone
Concen: 259.784 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

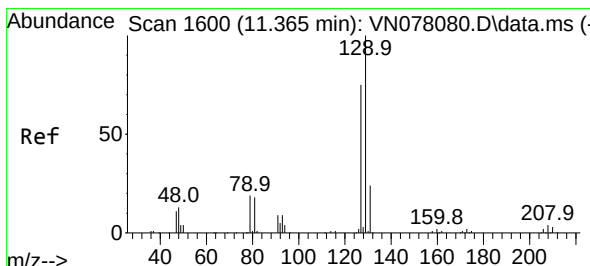
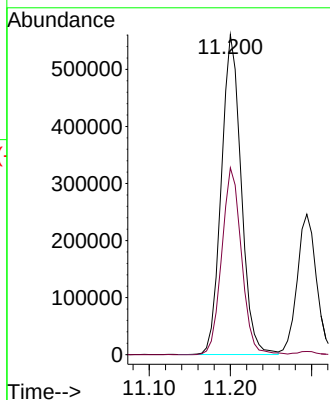
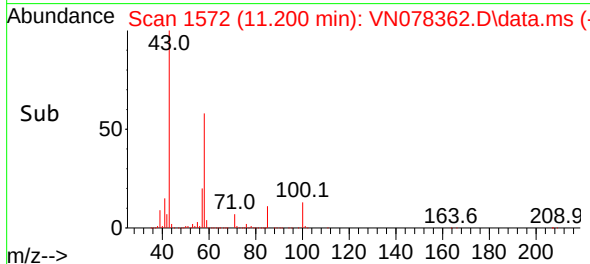
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 953829
Ion Ratio Lower Upper
43 100
58 58.1 31.7 95.1

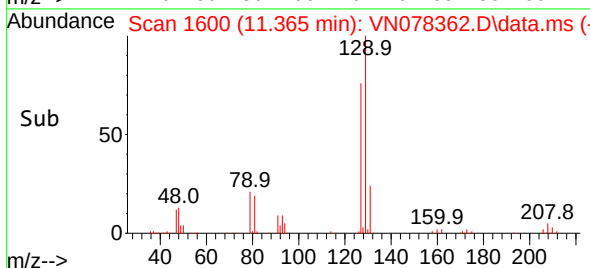
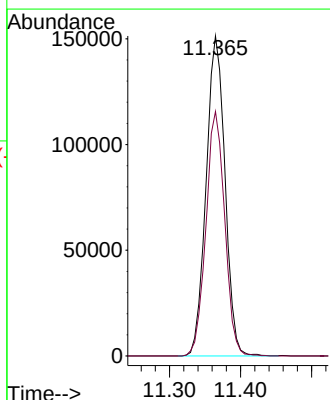
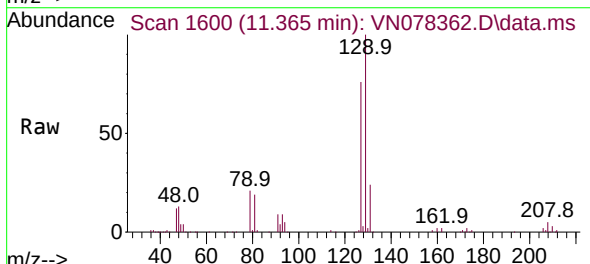
Manual Integrations
APPROVED

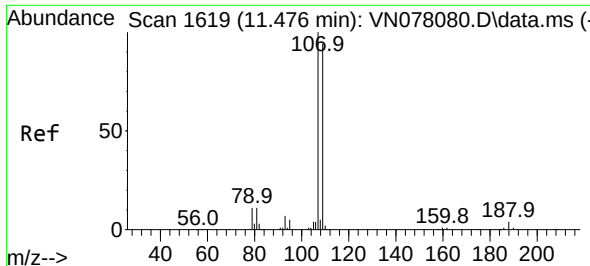
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#60
Dibromochloromethane
Concen: 53.425 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

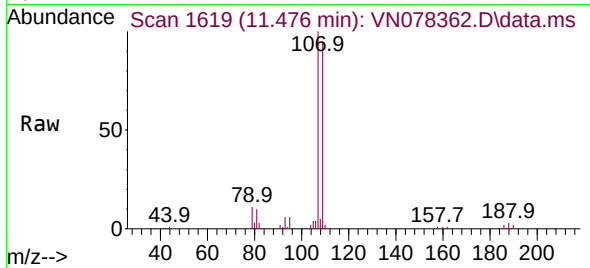
Tgt Ion:129 Resp: 279396
Ion Ratio Lower Upper
129 100
127 76.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.400 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

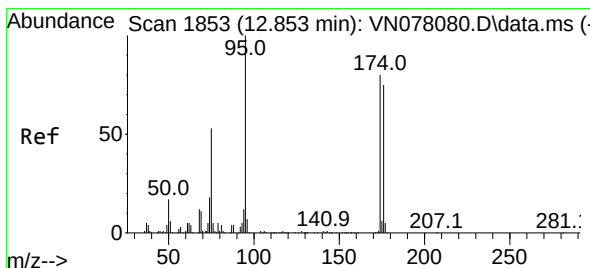
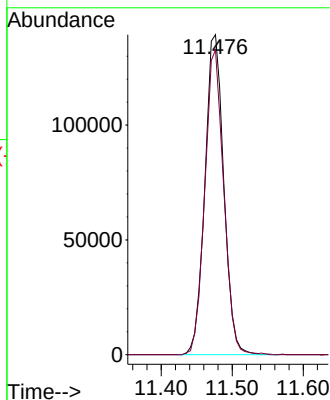
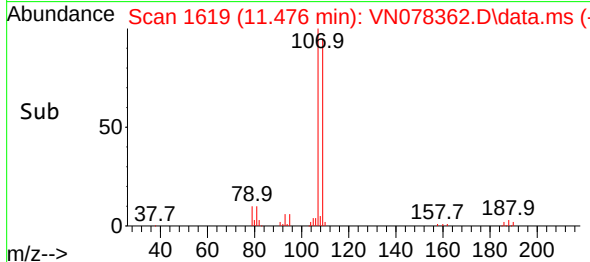
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



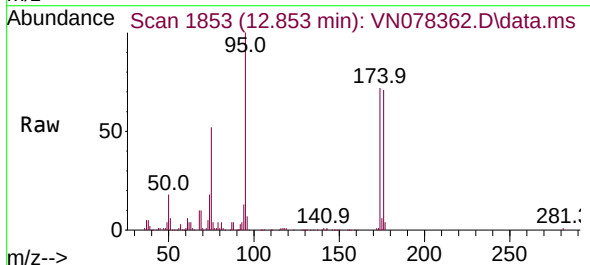
Tgt Ion:107 Resp: 25779
Ion Ratio Lower Upper
107 100
109 95.0 76.6 114.8

Manual Integrations
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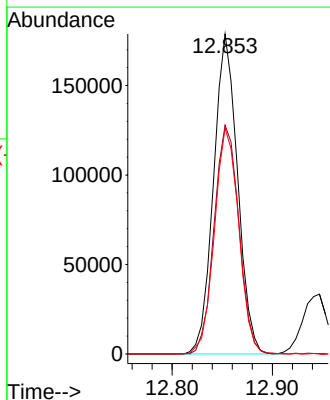
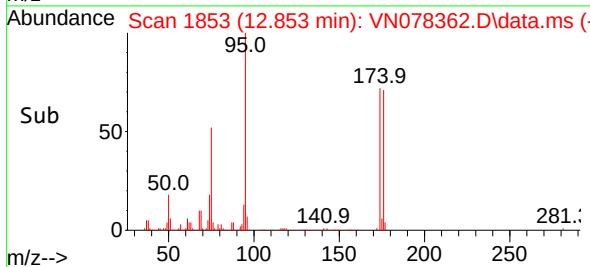
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

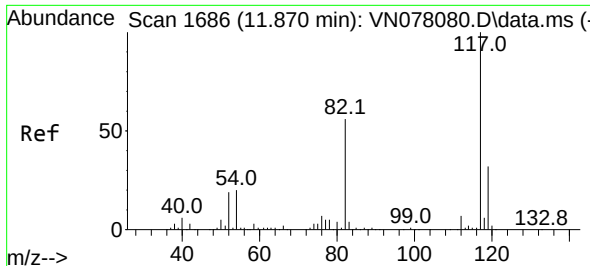


#62
4-Bromofluorobenzene
Concen: 52.975 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04



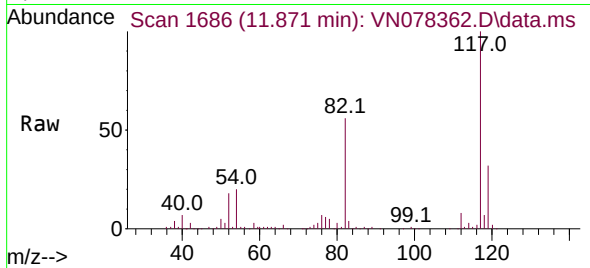
Tgt Ion: 95 Resp: 296668
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.8
176 71.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

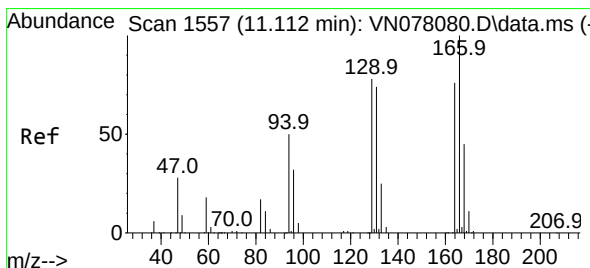
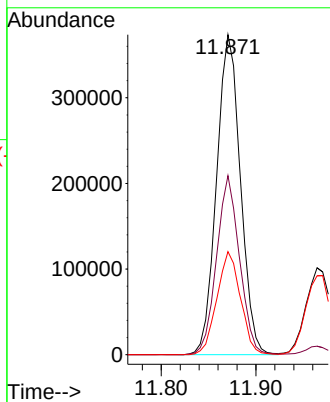
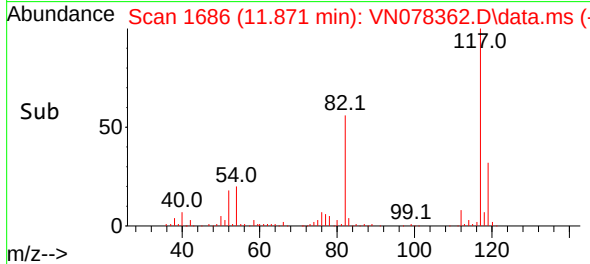
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 654959
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 32.2 25.6 38.4

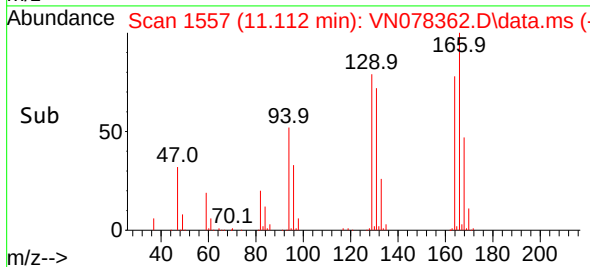
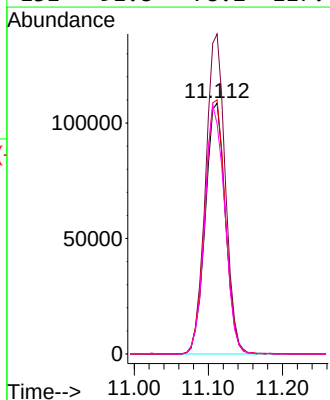
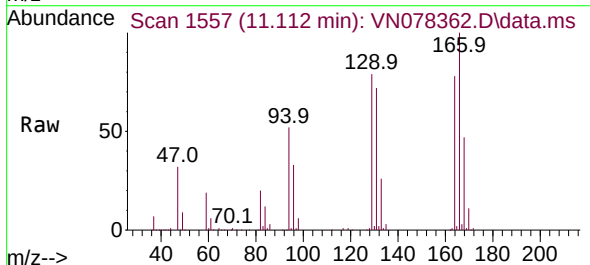
Manual Integrations
APPROVED

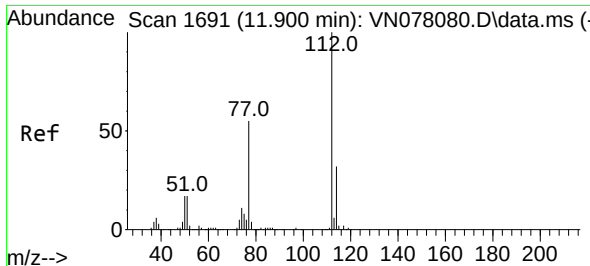
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#64
Tetrachloroethene
Concen: 46.664 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

Tgt Ion:164 Resp: 203898
Ion Ratio Lower Upper
164 100
166 127.6 101.4 152.0
129 101.3 82.4 123.6
131 91.8 78.2 117.4





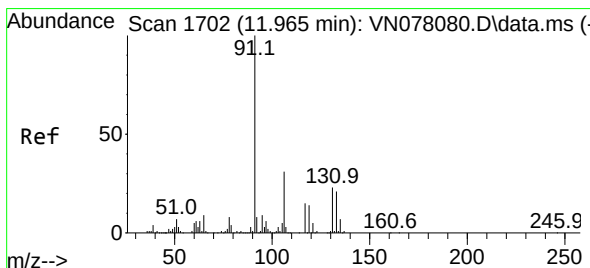
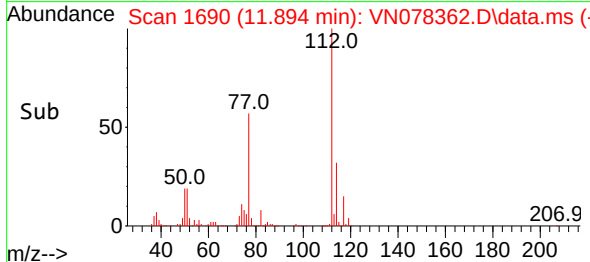
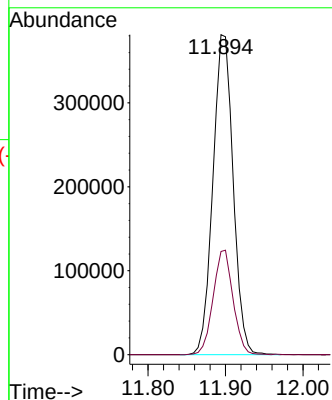
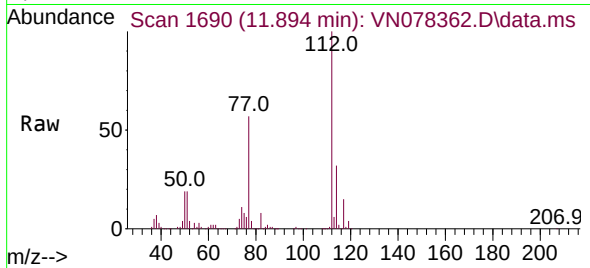
#65
Chlorobenzene
Concen: 49.296 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 691439
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4

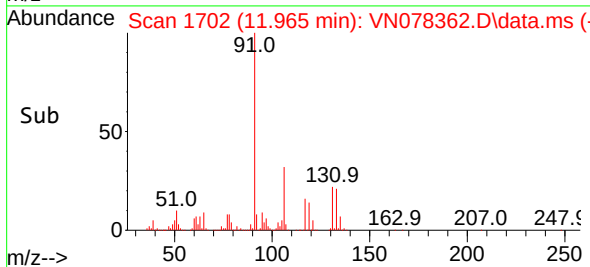
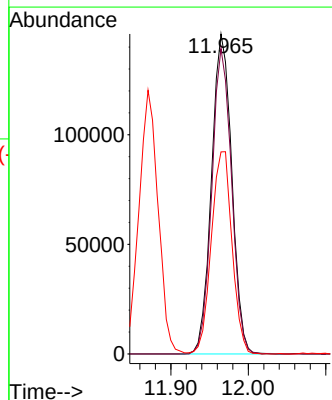
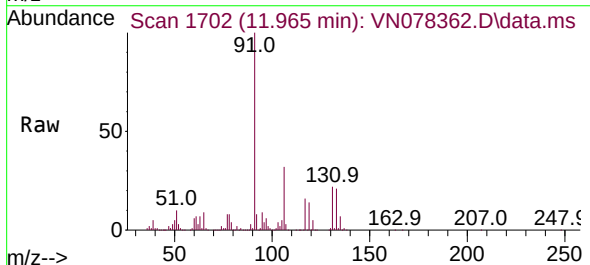
Manual Integrations
APPROVED

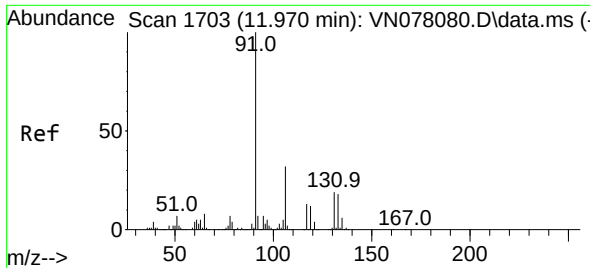
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.346 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

Tgt Ion:131 Resp: 264885
Ion Ratio Lower Upper
131 100
133 92.8 46.4 139.1
119 64.7 34.1 102.2





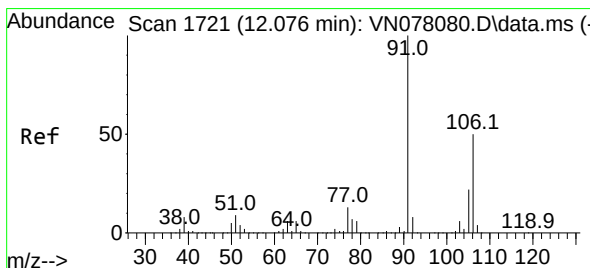
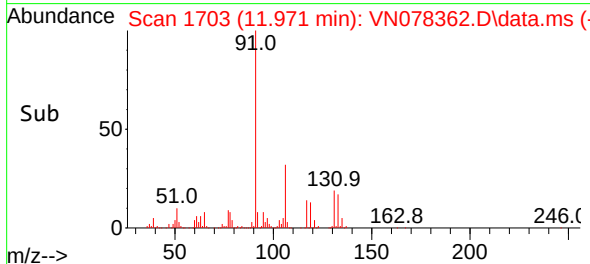
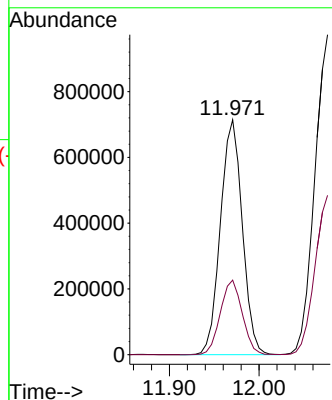
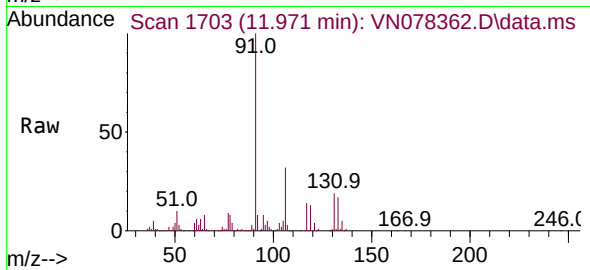
#67
Ethyl Benzene
Concen: 49.957 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1209070
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4

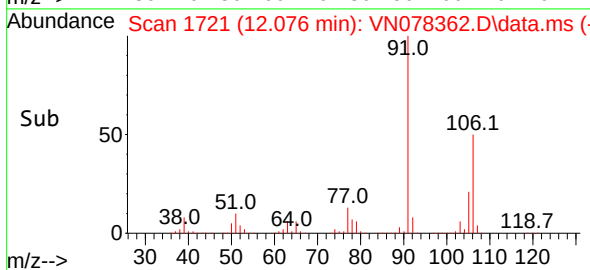
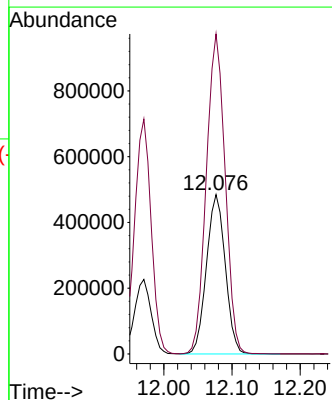
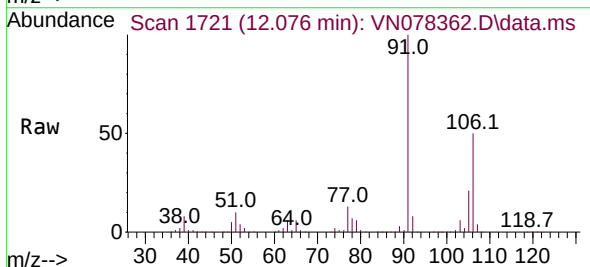
Manual Integrations
APPROVED

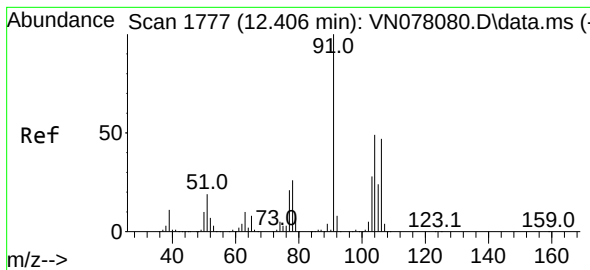
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#68
m/p-Xylenes
Concen: 100.734 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

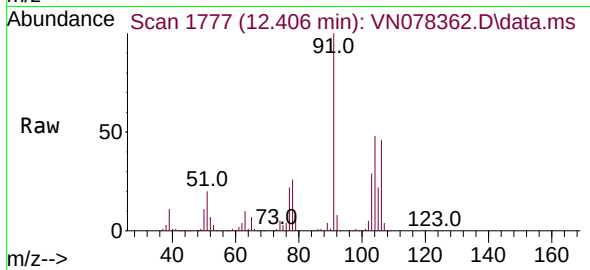
Tgt Ion:106 Resp: 929119
Ion Ratio Lower Upper
106 100
91 201.3 159.6 239.4





#69
o-Xylene
Concen: 49.544 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

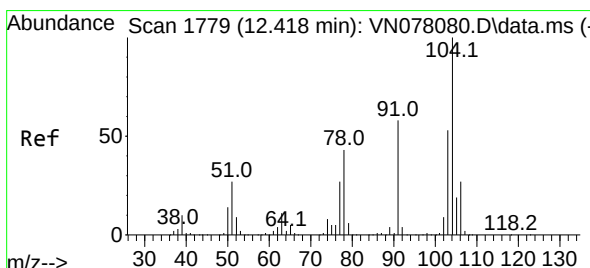
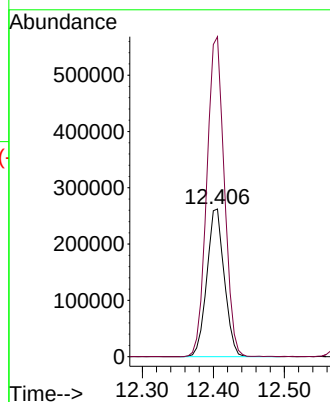
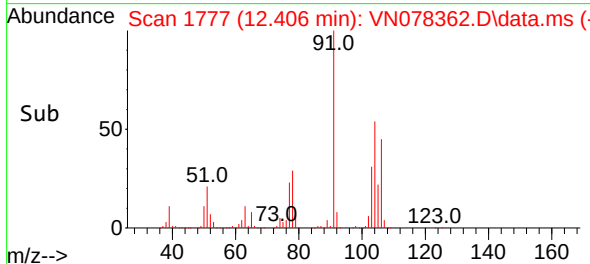
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 448748
Ion Ratio Lower Upper
106 100
91 217.3 105.2 315.5

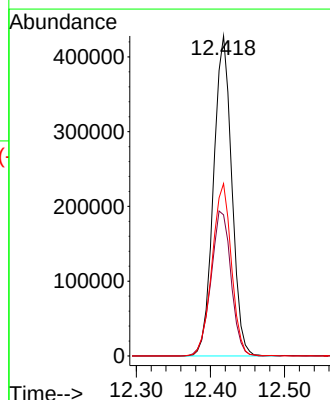
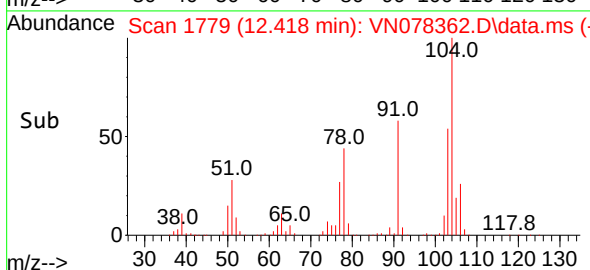
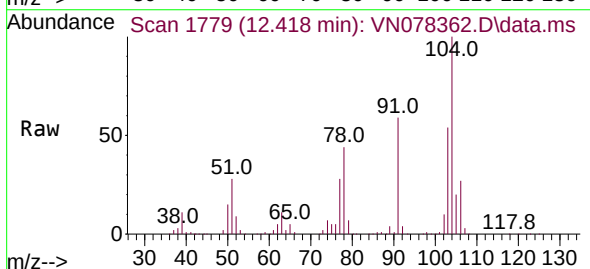
Manual Integrations
APPROVED

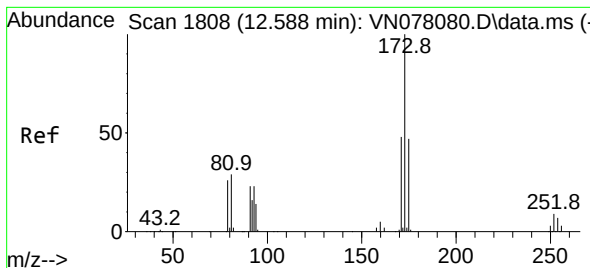
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#70
Styrene
Concen: 51.282 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

Tgt Ion:104 Resp: 731250
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 56.9 43.2 64.8





#71

Bromoform

Concen: 51.376 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VN078362.D

Acq: 22 Jun 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

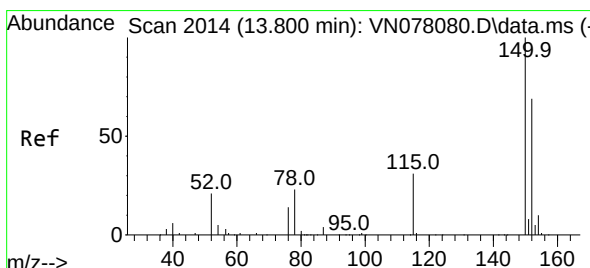
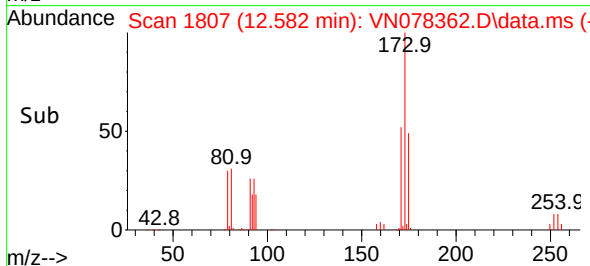
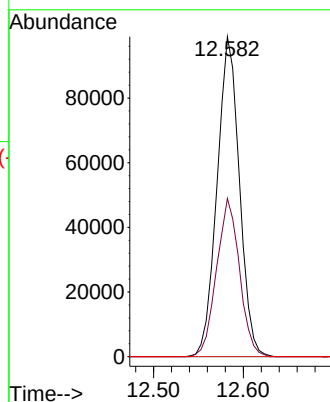
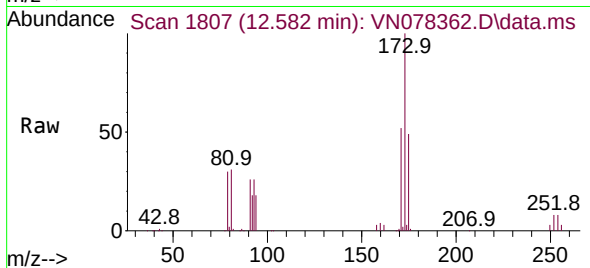
Tgt Ion:173 Resp: 17104
 Ion Ratio Lower Upper
 173 100
 175 50.7 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

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Reviewed By :John Carlone 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

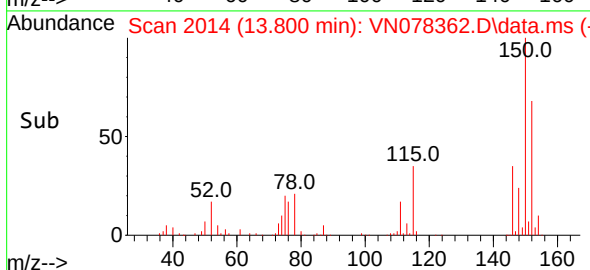
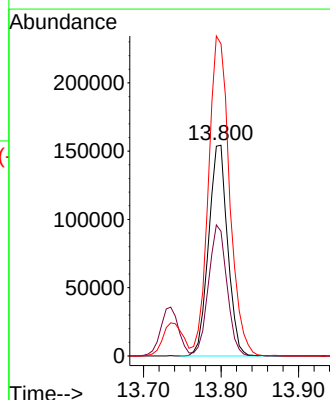
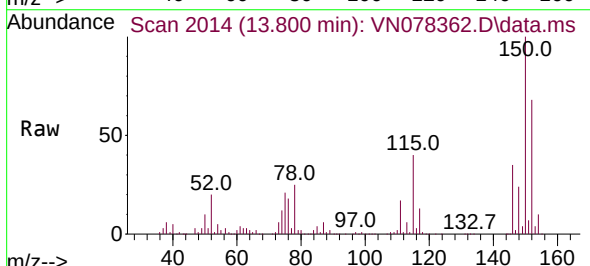
RT: 13.800 min Scan# 2014

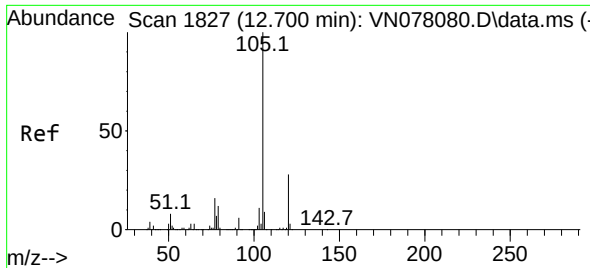
Delta R.T. 0.000 min

Lab File: VN078362.D

Acq: 22 Jun 2023 20:04

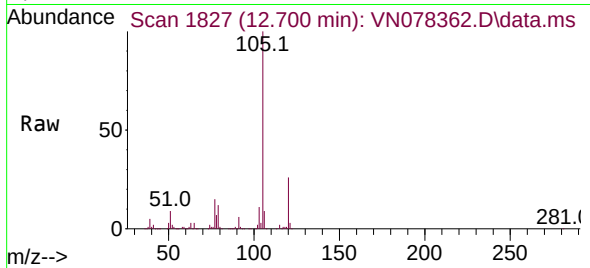
Tgt Ion:152 Resp: 262803
 Ion Ratio Lower Upper
 152 100
 115 60.6 32.3 96.8
 150 168.2 0.0 355.8





#73
Isopropylbenzene
Concen: 43.542 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

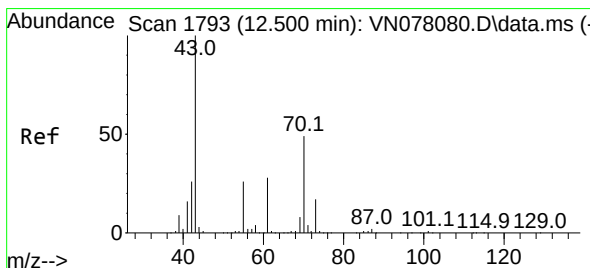
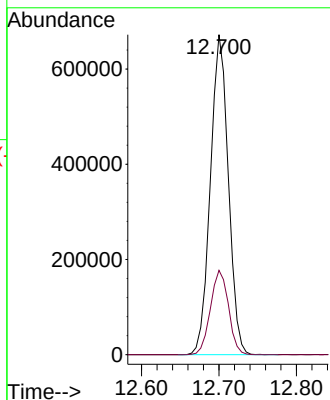
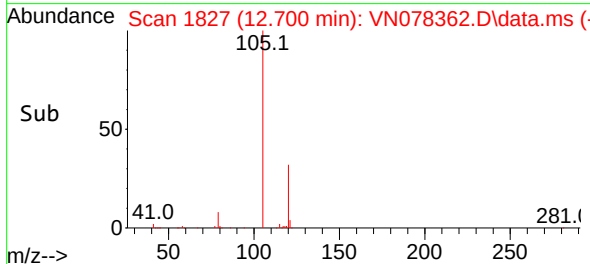
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



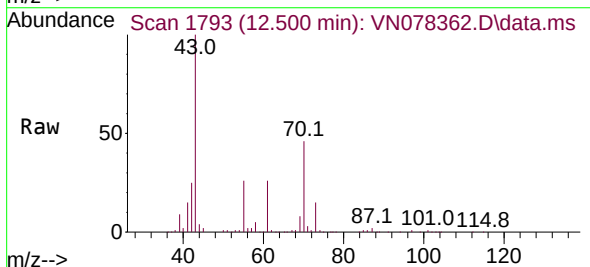
Tgt Ion:105 Resp: 1082070
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

Manual Integrations
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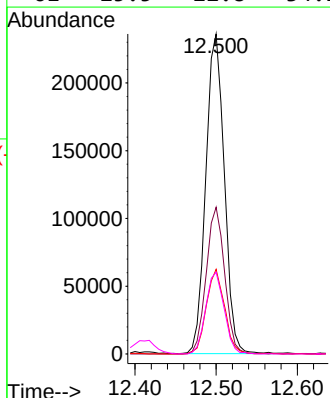
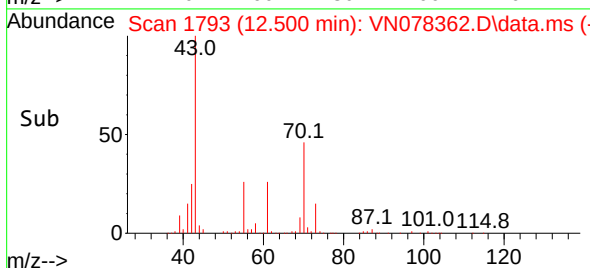
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

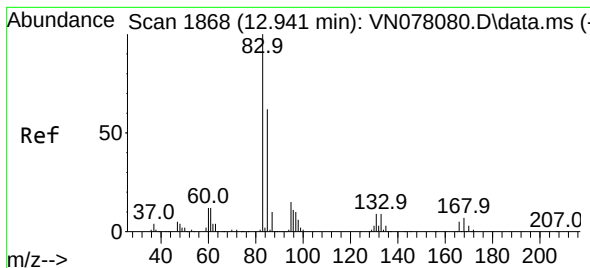


#74
N-ethyl acetate
Concen: 45.655 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04



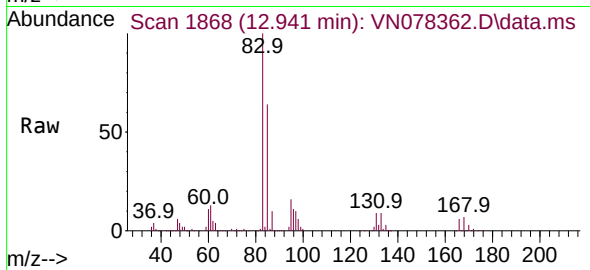
Tgt Ion: 43 Resp: 373628
Ion Ratio Lower Upper
43 100
70 45.6 43.4 65.2
55 26.2 21.4 32.0
61 25.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.891 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

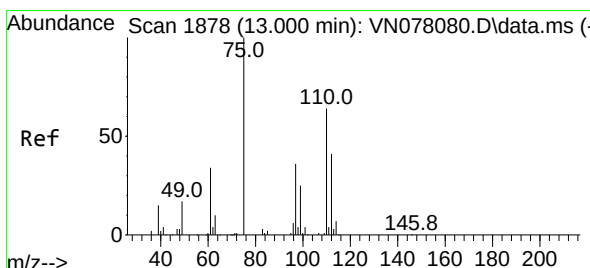
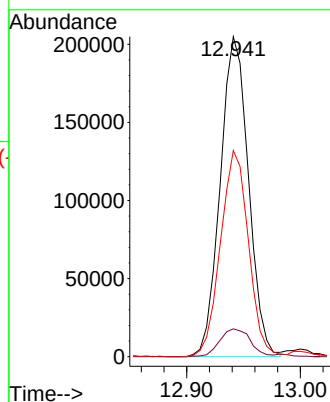
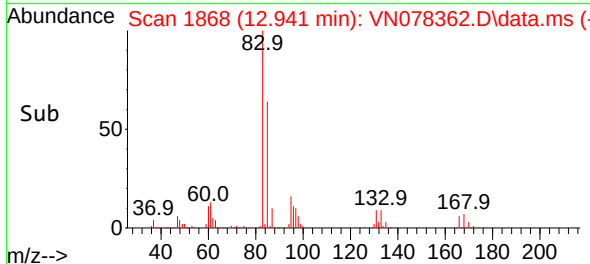
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



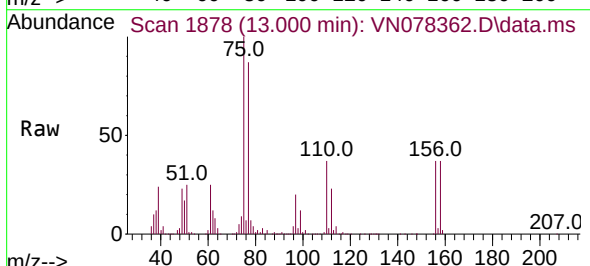
Tgt Ion: 83 Resp: 354052
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 63.8 31.9 95.7

Manual Integrations
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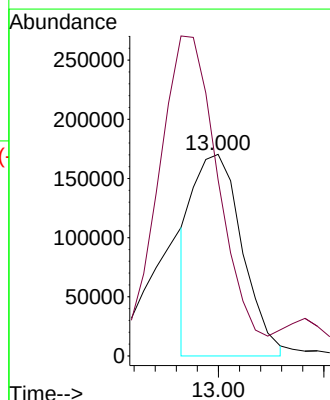
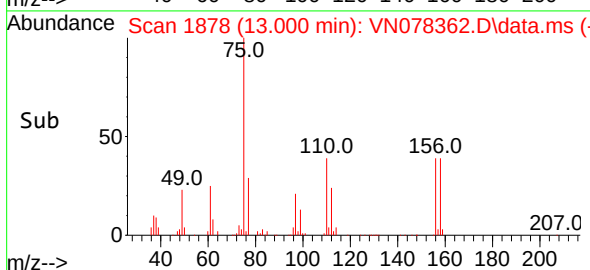
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

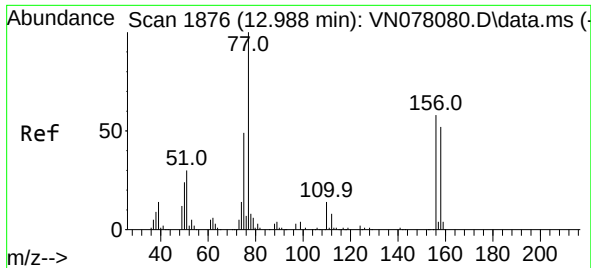


#76
1,2,3-Trichloropropane
Concen: 44.872 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04



Tgt Ion: 75 Resp: 278777
Ion Ratio Lower Upper
75 100
77 195.9 84.5 253.5





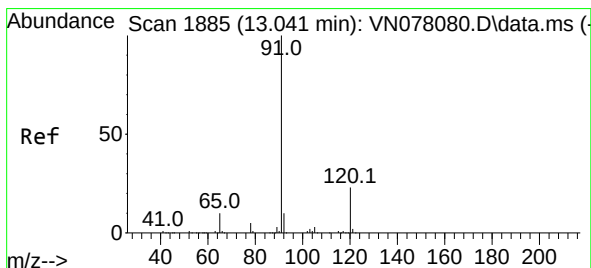
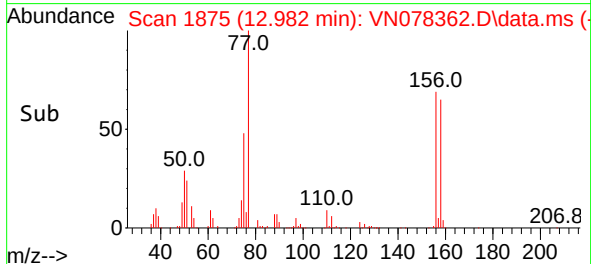
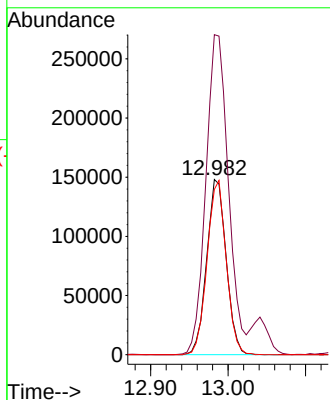
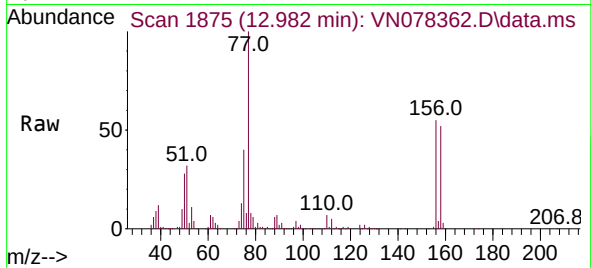
#77
Bromobenzene
Concen: 44.861 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 258804
Ion Ratio Lower Upper
156 100
77 211.0 107.7 323.3
158 97.4 48.4 145.3

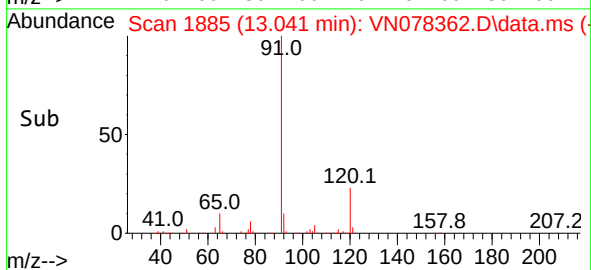
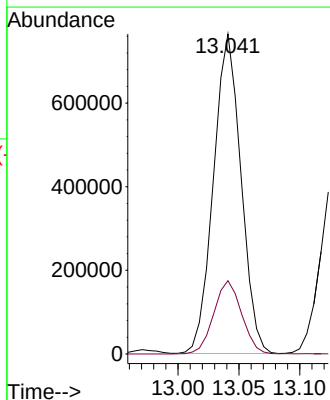
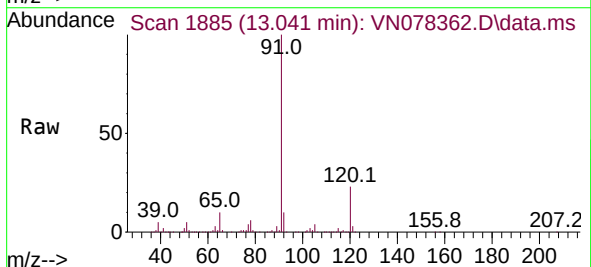
Manual Integrations
APPROVED

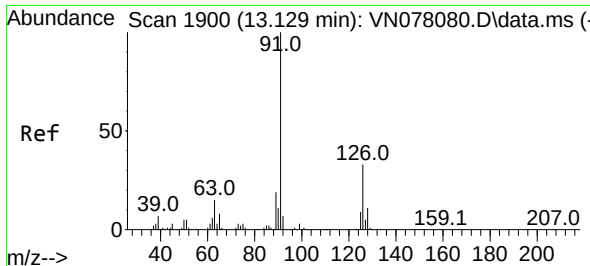
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#78
n-propylbenzene
Concen: 44.490 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

Tgt Ion: 91 Resp: 1201239
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





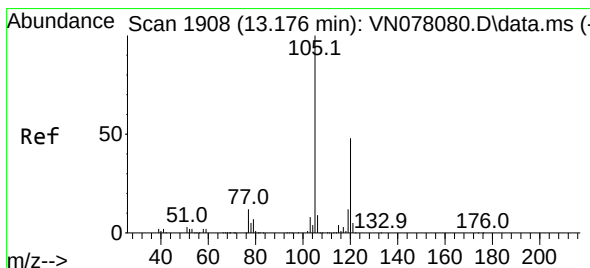
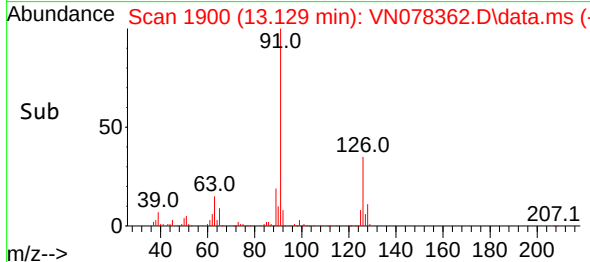
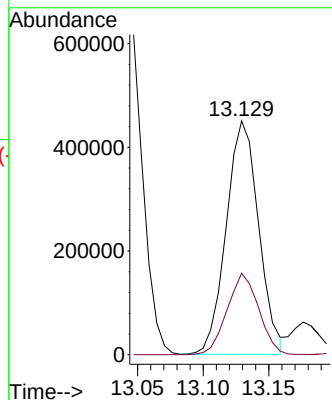
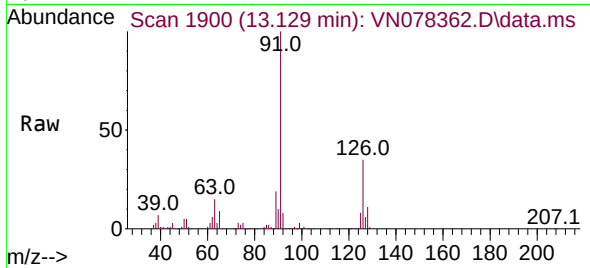
#79
2-Chlorotoluene
Concen: 44.439 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 77452
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8

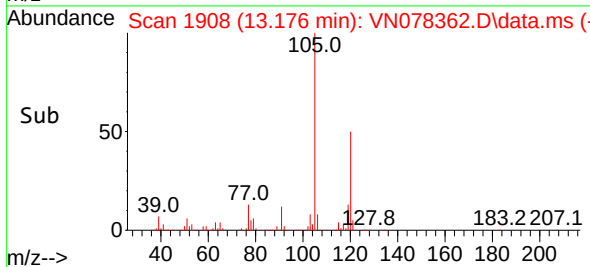
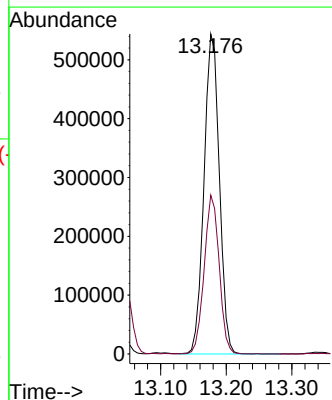
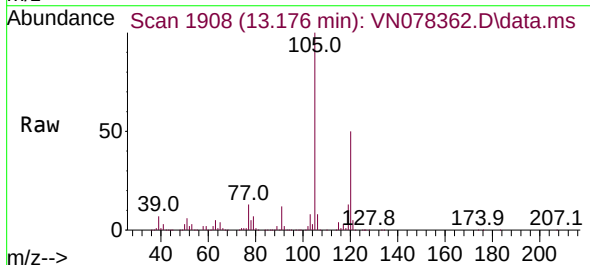
Manual Integrations
APPROVED

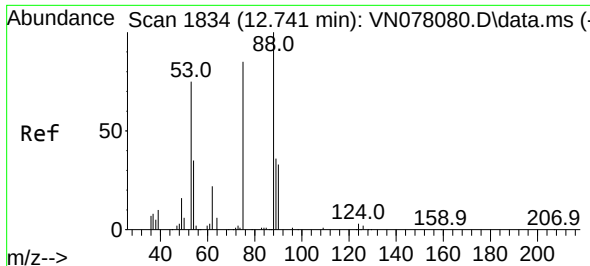
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#80
1,3,5-Trimethylbenzene
Concen: 44.114 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

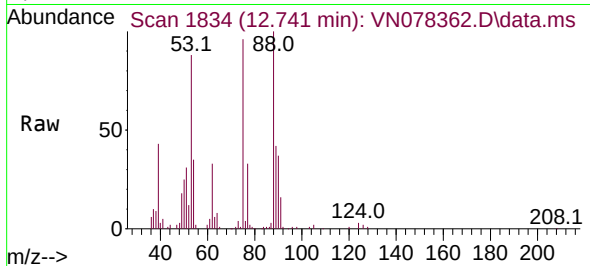
Tgt Ion:105 Resp: 887579
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.688 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

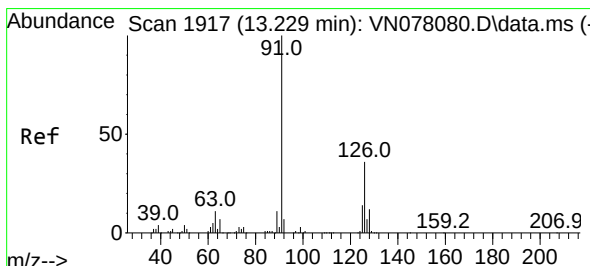
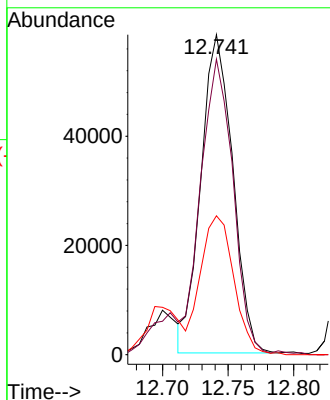
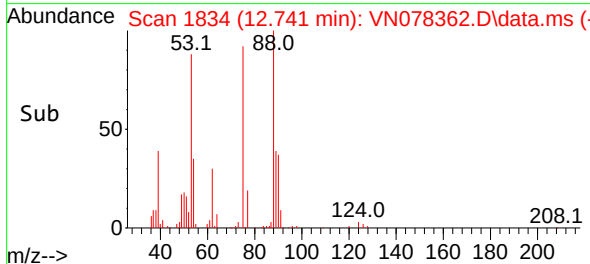
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



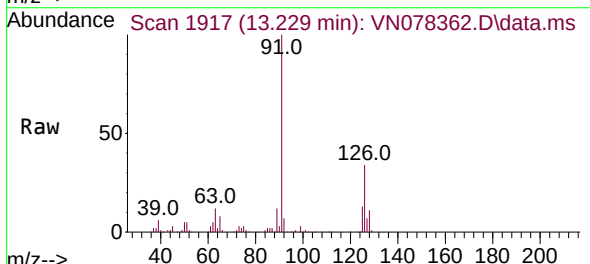
Tgt Ion: 75 Resp: 98450
Ion Ratio Lower Upper
75 100
53 106.9 67.4 101.2
89 45.5 38.8 58.2

Manual Integrations
APPROVED

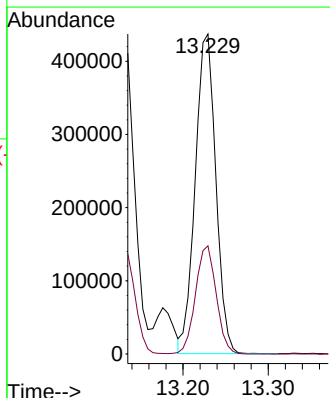
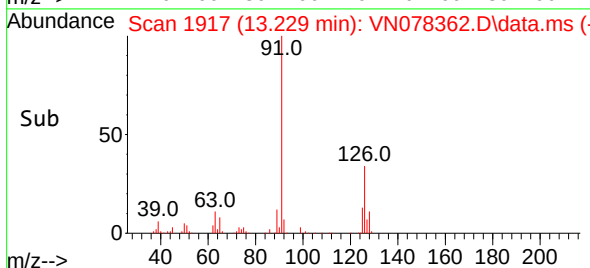
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

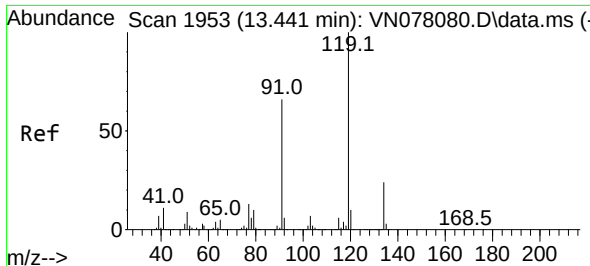


#82
4-Chlorotoluene
Concen: 45.052 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04



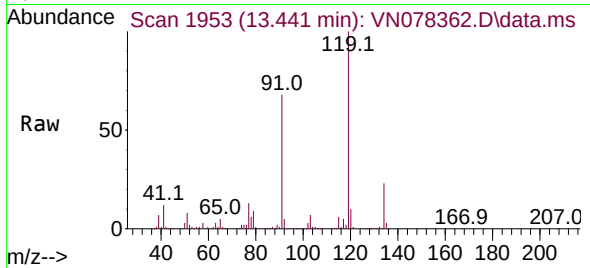
Tgt Ion: 91 Resp: 732823
Ion Ratio Lower Upper
91 100
126 34.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 40.307 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

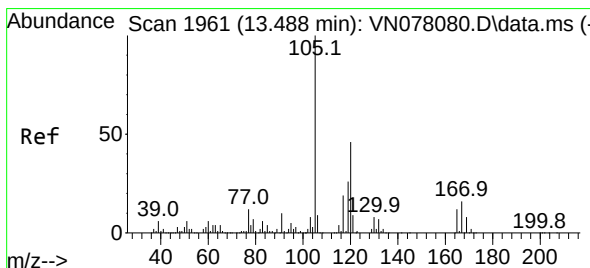
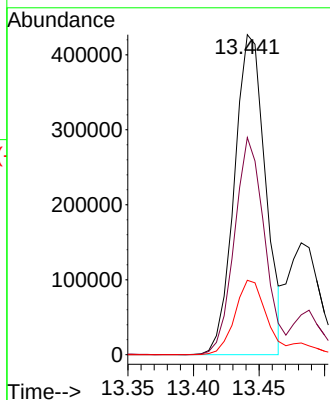
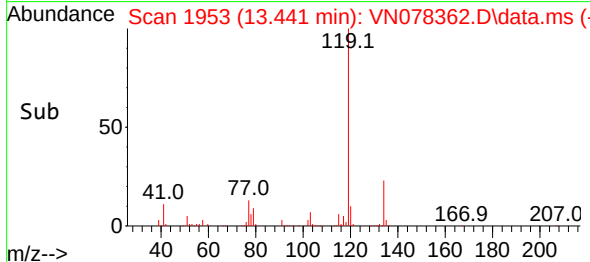
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



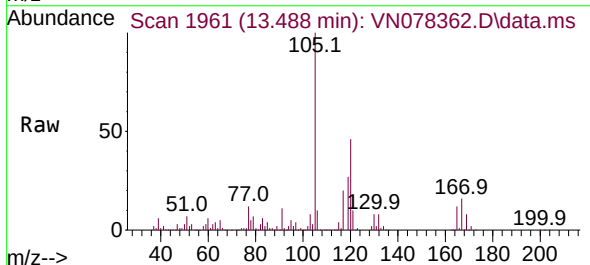
Tgt Ion:119 Resp: 704950
Ion Ratio Lower Upper
119 100
91 65.9 33.9 101.7
134 26.3 13.2 39.6

Manual Integrations
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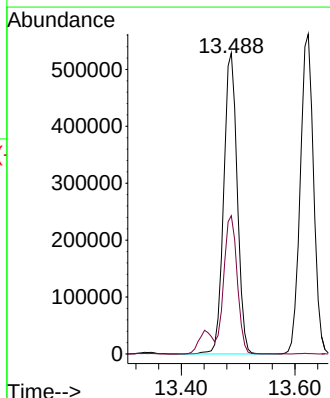
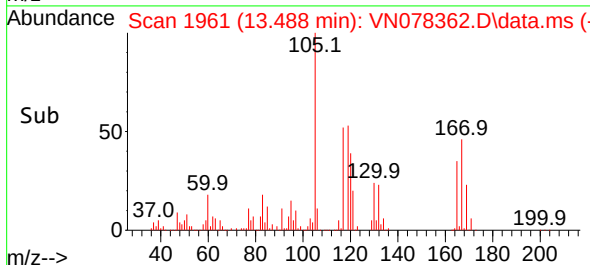
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

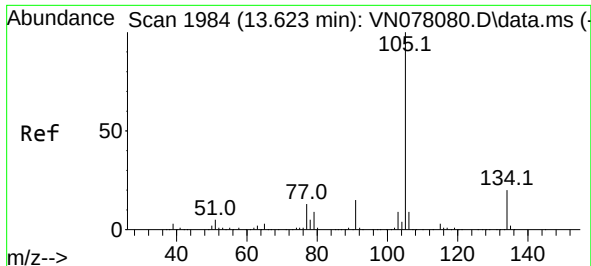


#84
1,2,4-Trimethylbenzene
Concen: 44.941 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04



Tgt Ion:105 Resp: 876659
Ion Ratio Lower Upper
105 100
120 45.5 22.0 66.0





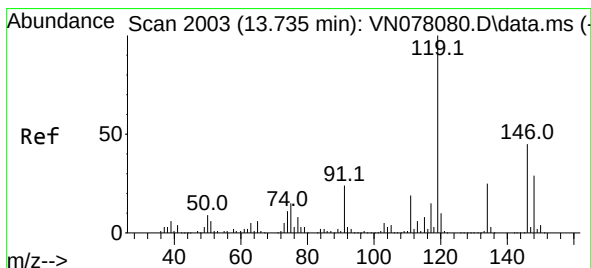
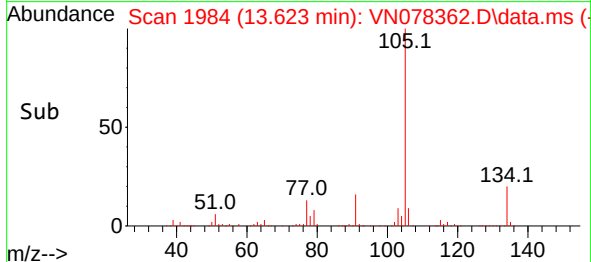
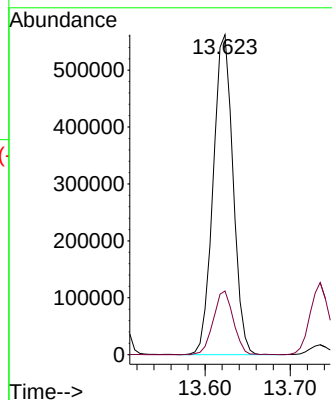
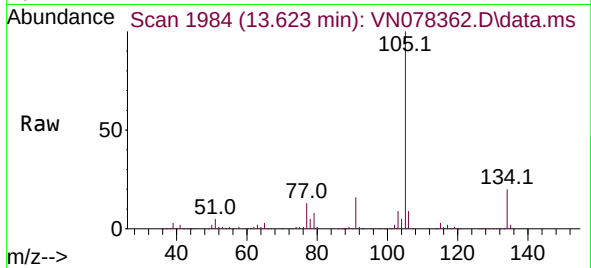
#85
 sec-Butylbenzene
 Concen: 39.803 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078362.D
 Acq: 22 Jun 2023 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 911154
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

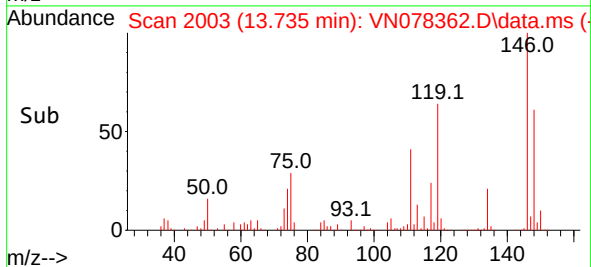
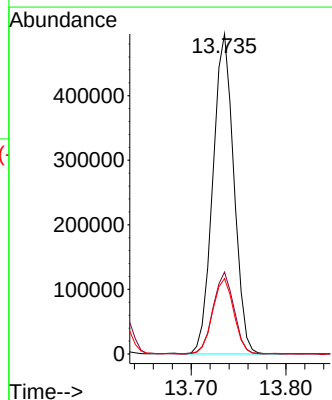
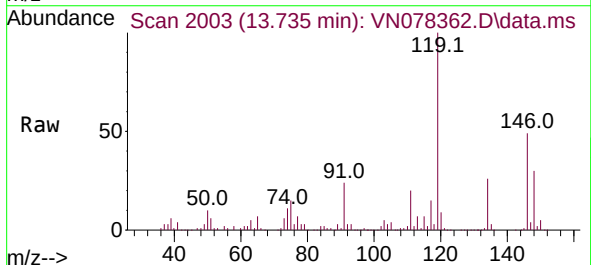
Manual Integrations
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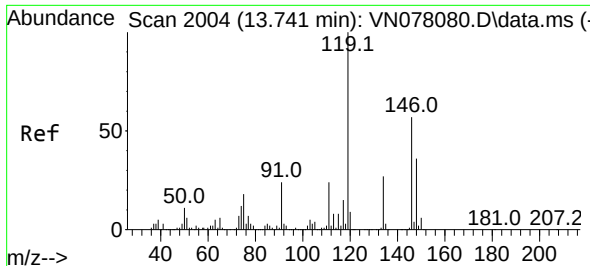
Reviewed By :John Carlone 06/23/2023
 Supervised By :Mahesh Dadoda 06/23/2023



#86
 p-Isopropyltoluene
 Concen: 41.118 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078362.D
 Acq: 22 Jun 2023 20:04

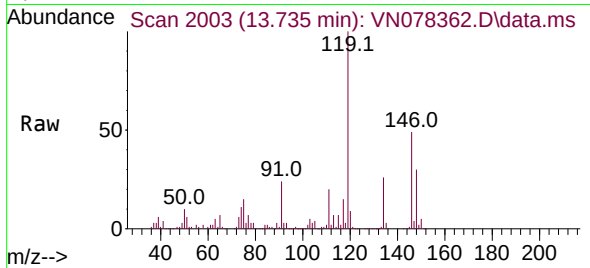
Tgt Ion:119 Resp: 763825
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 23.8 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 43.500 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

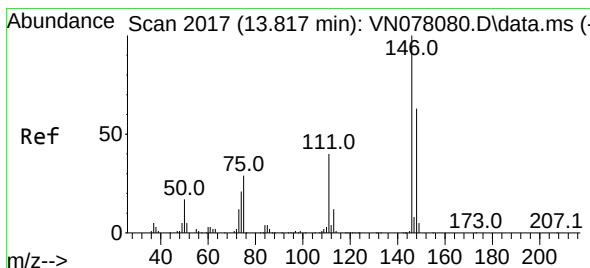
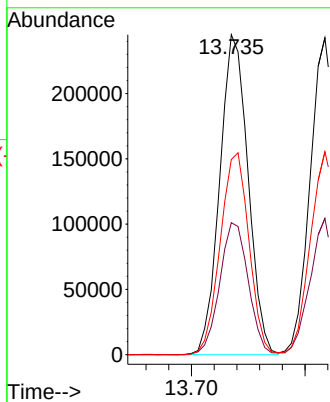
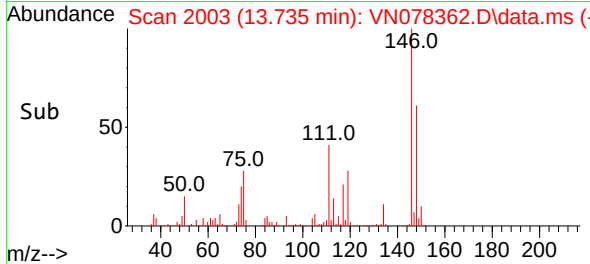
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



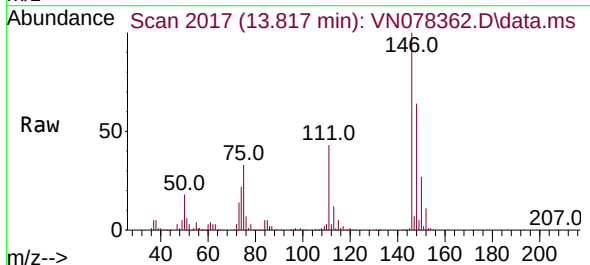
Tgt Ion:146 Resp: 424485
Ion Ratio Lower Upper
146 100
111 41.7 22.1 66.3
148 64.0 32.0 96.0

Manual Integrations
APPROVED

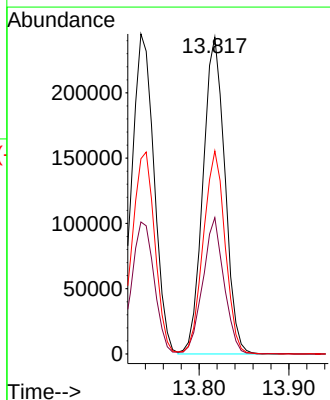
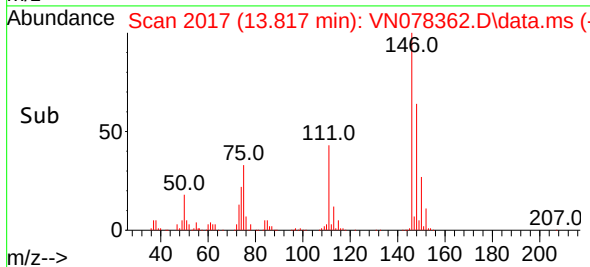
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

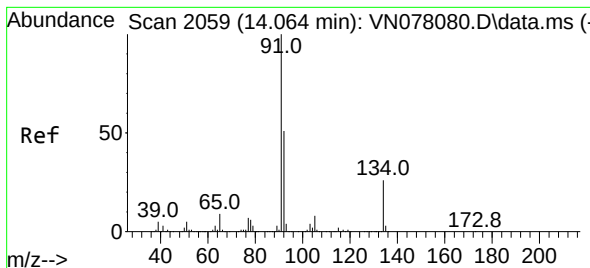


#88
1,4-Dichlorobenzene
Concen: 43.672 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04



Tgt Ion:146 Resp: 411224
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.8
148 63.9 31.6 94.8





#89

n-Butylbenzene

Concen: 39.017 ug/l

RT: 14.059 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VN078362.D

Acq: 22 Jun 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

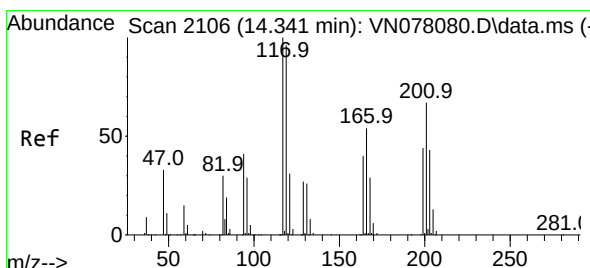
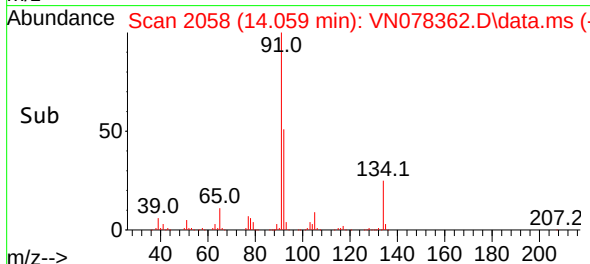
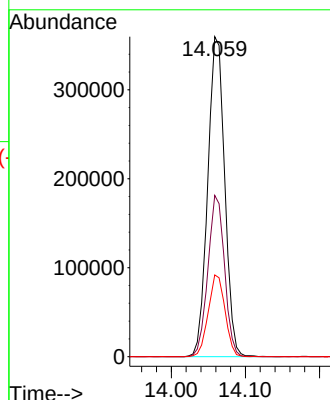
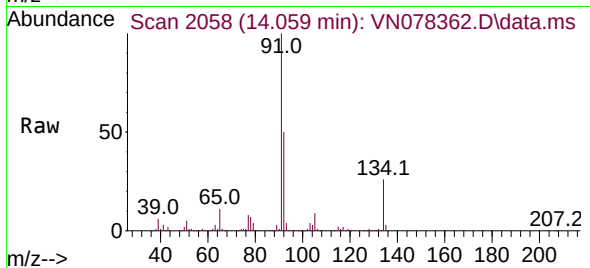
Tgt Ion: 91	Resp: 57169
Ion Ratio	Lower Upper
91	100
92	49.5 26.4 79.0
134	25.3 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#90

Hexachloroethane

Concen: 43.426 ug/l

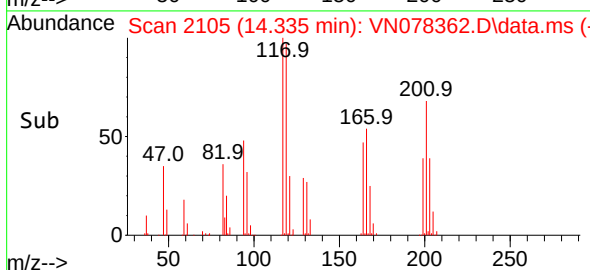
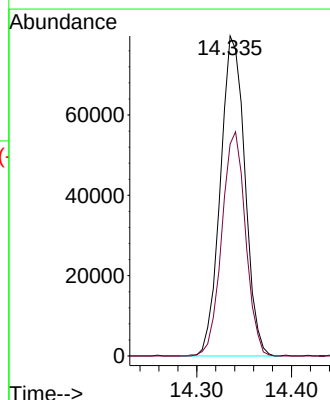
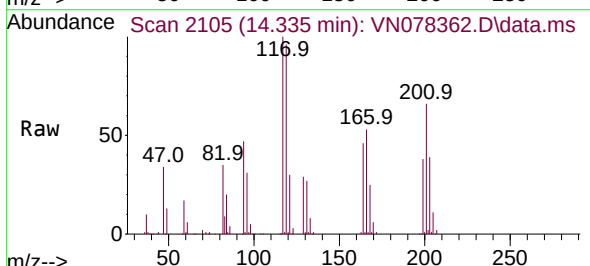
RT: 14.335 min Scan# 2105

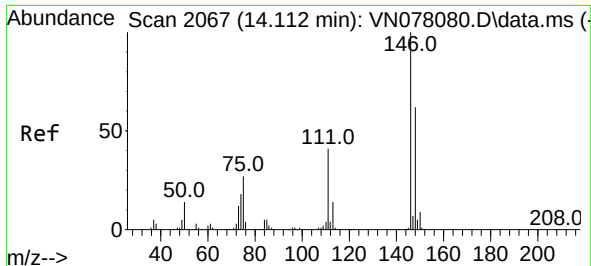
Delta R.T. -0.006 min

Lab File: VN078362.D

Acq: 22 Jun 2023 20:04

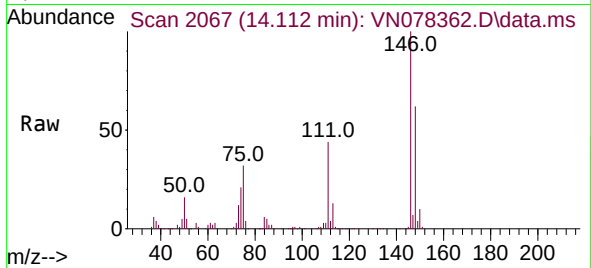
Tgt Ion:117	Resp: 143163
Ion Ratio	Lower Upper
117	100
201	67.7 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 44.761 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

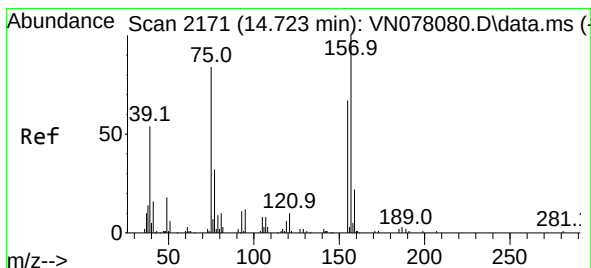
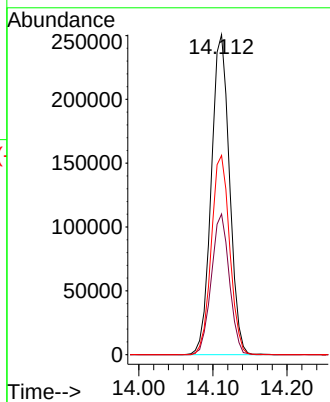
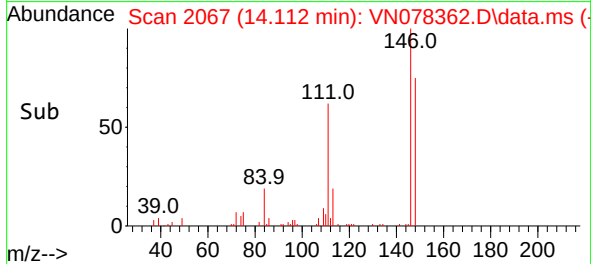
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



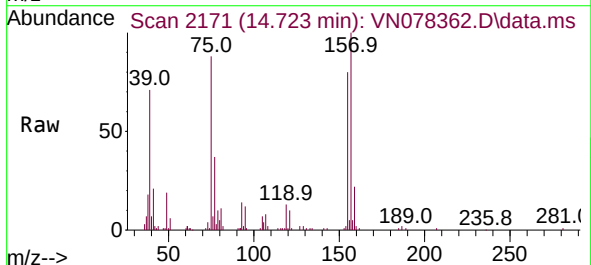
Tgt Ion:146 Resp: 426884
Ion Ratio Lower Upper
146 100
111 43.4 22.0 66.0
148 62.8 31.8 95.3

Manual Integrations
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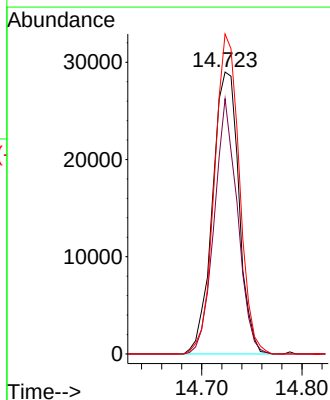
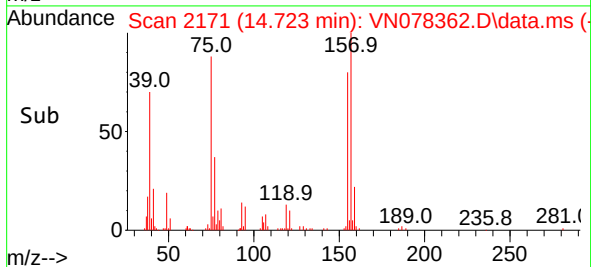
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

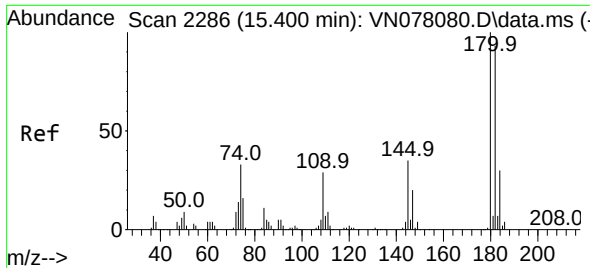


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.117 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04



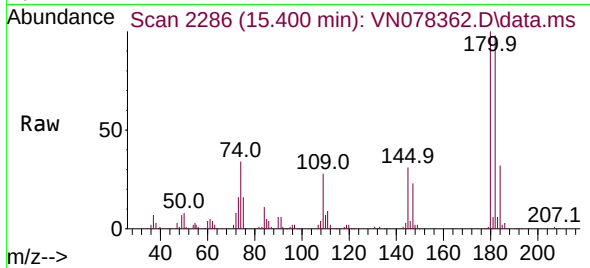
Tgt Ion: 75 Resp: 53075
Ion Ratio Lower Upper
75 100
155 79.3 39.1 117.2
157 106.8 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 37.589 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04

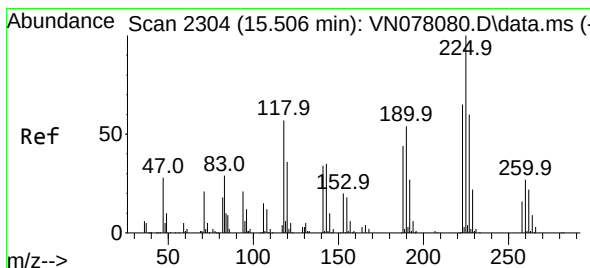
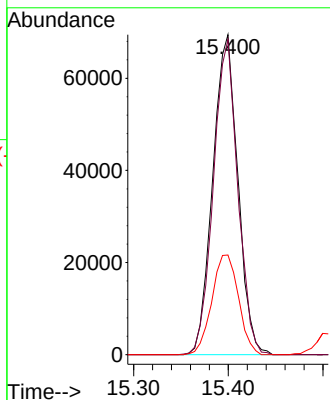
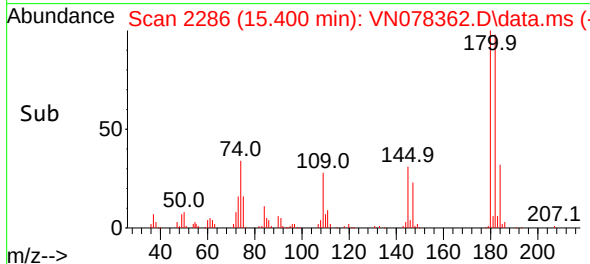
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



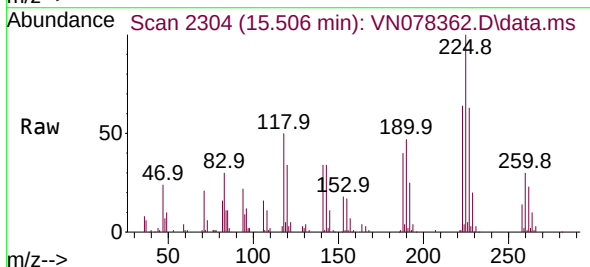
Tgt Ion:180 Resp: 127725
Ion Ratio Lower Upper
180 100
182 95.8 46.1 138.2
145 33.1 16.6 49.8

Manual Integrations
APPROVED

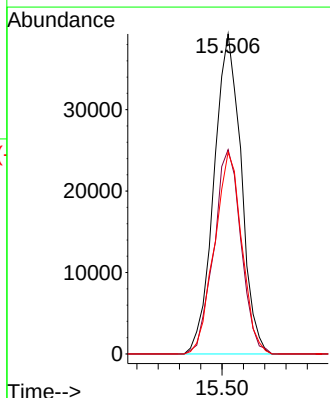
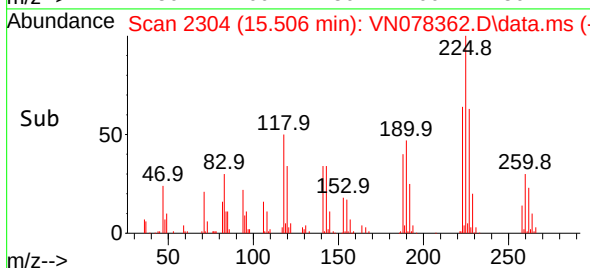
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

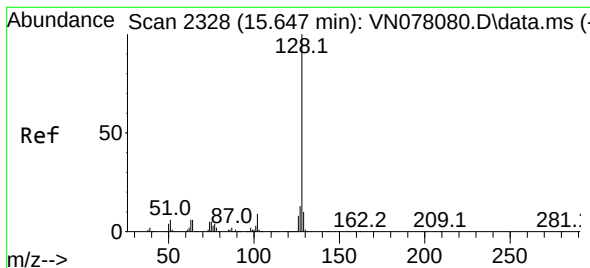


#94
Hexachlorobutadiene
Concen: 41.190 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078362.D
Acq: 22 Jun 2023 20:04



Tgt Ion:225 Resp: 69392
Ion Ratio Lower Upper
225 100
223 64.1 31.3 93.8
227 63.6 31.9 95.9





#95

Naphthalene

Concen: 35.146 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078362.D

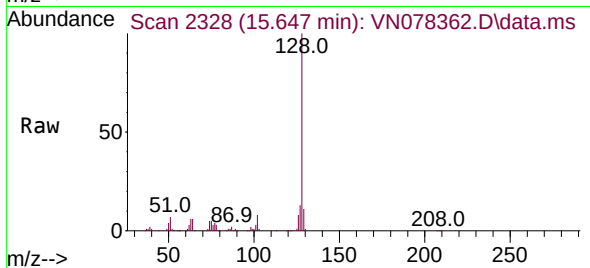
Acq: 22 Jun 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:128 Resp: 40172

Ion Ratio Lower Upper

128 100

127 13.5 10.0 15.0

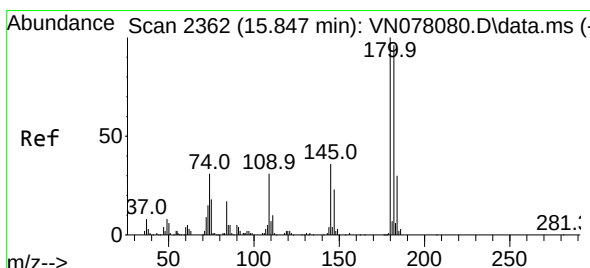
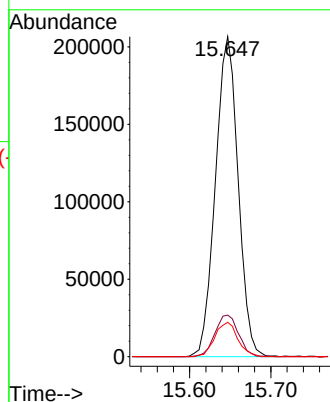
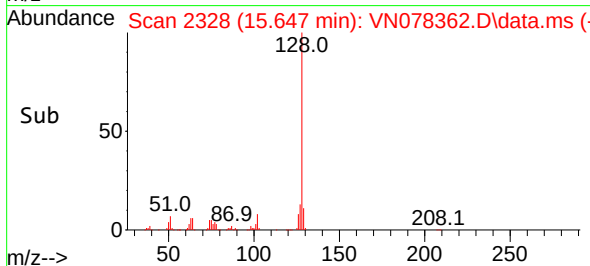
129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#96

1,2,3-Trichlorobenzene

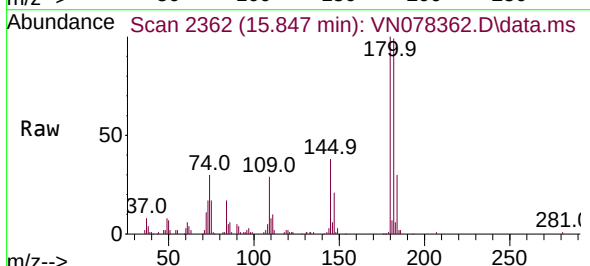
Concen: 37.254 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078362.D

Acq: 22 Jun 2023 20:04



Tgt Ion:180 Resp: 141578

Ion Ratio Lower Upper

180 100

182 94.1 46.2 138.6

145 34.5 17.5 52.6

