

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080123\
 Data File : VN078717.D
 Acq On : 01 Aug 2023 14:59
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/02/2023
 Supervised By : Mahesh Dadoda 08/02/2023

Quant Time: Aug 02 02:52:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 02:50:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	104381	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	572811	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	490963	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	244601	31.100	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	103.667%		
60) 4-Bromofluorobenzene	12.853	95	189544	26.796	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	89.333%		
63) Toluene-d8	10.571	98	728974	29.981	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.933%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	38904	6.738	ug/l	91
3) Chloromethane	2.371	50	43961	6.127	ug/l	96
4) Vinyl Chloride	2.524	62	60096	6.409	ug/l	97
5) Bromomethane	2.959	94	52720	7.339	ug/l	91
6) Chloroethane	3.124	64	44082	7.155	ug/l	95
7) Trichlorofluoromethane	3.500	101	56765	5.828	ug/l	92
8) Diethyl Ether	3.971	74	19055	6.058	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	31290	6.032	ug/l	70
10) 1,1-Dichloroethene	4.359	96	29843	5.994	ug/l	89
11) Methyl Iodide	4.600	142	40890	5.928	ug/l	93
12) Methyl Acetate	5.041	43	49117m	6.678	ug/l	
13) Acrolein	4.194	56	26673	30.719	ug/l	93
14) Acrylonitrile	5.747	53	68761m	32.273	ug/l	
15) Acetone	4.447	58	18034m	28.321	ug/l	
16) Carbon Disulfide	4.718	76	84135	5.915	ug/l	95
17) Allyl chloride	5.030	41	40719m	5.871	ug/l	
18) Methylene Chloride	5.283	84	35595	6.618	ug/l #	93
19) trans-1,2-Dichloroethene	5.800	96	34616	5.969	ug/l #	79
20) Diisopropyl ether	6.688	45	84212	5.541	ug/l	95
21) 1,1-Dichloroethane	6.577	63	59054	5.822	ug/l #	93
22) cis-1,2-Dichloroethene	7.488	96	38215	5.934	ug/l	96
23) tert-Butyl Alcohol	5.541	59	27510	28.222	ug/l #	100
24) Methyl tert-Butyl Ether	5.818	73	90332m	5.385	ug/l	
25) Chloroform	7.971	83	64924	6.129	ug/l	96
26) Cyclohexane	8.265	56	42318	5.717	ug/l #	93
29) 1,1-Dichloropropene	8.377	75	44359	6.271	ug/l	97
30) 2-Butanone	7.494	43	83584	30.007	ug/l	96
31) 2,2-Dichloropropane	7.494	77	48856	6.042	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	56137	6.208	ug/l	99
33) Carbon Tetrachloride	8.365	117	51027	6.404	ug/l	96
34) Benzene	8.612	78	138022	6.473	ug/l #	89
35) Methacrylonitrile	7.794	41	21515	6.942	ug/l	76
36) 1,2-Dichloroethane	8.677	62	47286	6.286	ug/l #	91
37) Trichloroethene	9.353	130	36093	6.144	ug/l	100
38) Methylcyclohexane	9.606	83	41836	5.958	ug/l	97
39) 1,2-Dichloropropane	9.629	63	34208	6.113	ug/l	91
40) Dibromomethane	9.718	93	23969	6.041	ug/l	97
41) Bromodichloromethane	9.900	83	47927	6.035	ug/l #	99
42) Vinyl Acetate	6.618	43	271050	29.053	ug/l	100

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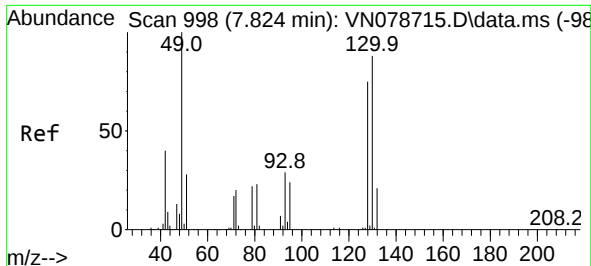
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	32382	5.514	ug/l	100
44) Isopropyl Acetate	8.700	43	65788	6.402	ug/l #	71
45) 1,4-Dioxane	9.694	88	10852m	117.630	ug/l	
46) Methyl methacrylate	9.688	41	26398	5.754	ug/l	94
47) n-amyl Acetate	12.500	43	41789	5.559	ug/l	100
48) t-1,3-Dichloropropene	10.841	75	49478	5.866	ug/l	99
49) cis-1,3-Dichloropropene	10.323	75	51592	5.773	ug/l	97
50) 1,1,2-Trichloroethane	11.018	97	37394	6.554	ug/l	94
51) Ethyl methacrylate	10.882	69	43334	5.680	ug/l	93
52) 1,3-Dichloropropane	11.176	76	65758	6.345	ug/l	100
53) Dibromochloromethane	11.370	129	37807	5.994	ug/l	98
54) 1,2-Dibromoethane	11.476	107	34951	6.205	ug/l	98
55) 2-Chloroethyl vinyl ether	10.171	63	69965	28.778	ug/l	96
56) Bromoform	12.582	173	23336	5.877	ug/l #	96
58) 4-Methyl-2-Pentanone	10.453	43	181250	28.778	ug/l	98
59) 2-Hexanone	11.200	43	142003	29.703	ug/l	96
61) Tetrachloroethene	11.106	164	32911	5.863	ug/l	93
62) Toluene	10.635	91	149898	5.949	ug/l	97
64) Chlorobenzene	11.894	112	85383	5.861	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	34391	5.946	ug/l	97
66) Ethyl Benzene	11.970	91	142210	5.709	ug/l	97
67) m/p-Xylenes	12.076	106	109061	11.503	ug/l	98
68) o-Xylene	12.400	106	51467	5.432	ug/l	96
69) Styrene	12.417	104	73855	5.007	ug/l	97
70) Isopropylbenzene	12.700	105	124225	5.274	ug/l	96
71) 1,1,2,2-Tetrachloroethane	12.941	83	45911	5.823	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	42726m	5.717	ug/l	
73) Bromobenzene	12.988	156	32216	5.528	ug/l	97
74) n-propylbenzene	13.041	91	143012	5.488	ug/l	100
75) 2-Chlorotoluene	13.129	91	89253	5.387	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	104509	5.393	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	11557	5.272	ug/l	87
78) 4-Chlorotoluene	13.229	91	79100	4.980	ug/l	98
79) tert-butylbenzene	13.441	119	95399	5.666	ug/l	95
80) 1,2,4-Trimethylbenzene	13.488	105	94571	5.140	ug/l	96
81) sec-Butylbenzene	13.623	105	109426	5.103	ug/l	99
82) p-Isopropyltoluene	13.735	119	88450	5.057	ug/l	100
83) 1,3-Dichlorobenzene	13.741	146	45152	4.837	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	40769	4.709	ug/l	96
85) n-Butylbenzene	14.059	91	61706	5.217	ug/l	98
86) Hexachloroethane	14.341	117	20581	6.121	ug/l	92
87) 1,2-Dichlorobenzene	14.111	146	46338	5.286	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.729	75	6943	5.817	ug/l #	66
89) 1,2,4-Trichlorobenzene	15.400	180	10537	4.168	ug/l	97
90) Hexachlorobutadiene	15.506	225	13844	6.394	ug/l	92
91) Naphthalene	15.647	128	36804	4.646	ug/l #	94
92) 1,2,3-Trichlorobenzene	15.853	180	13737	4.521	ug/l	97

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



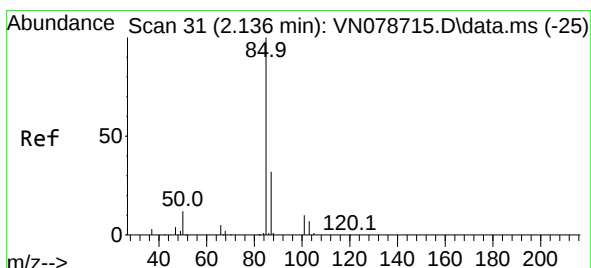
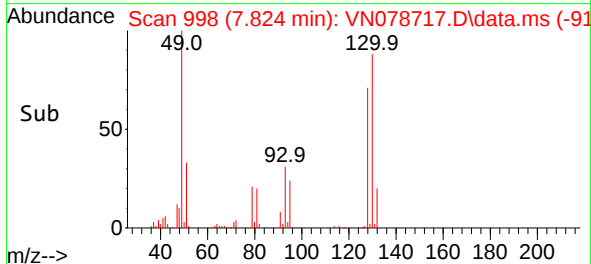
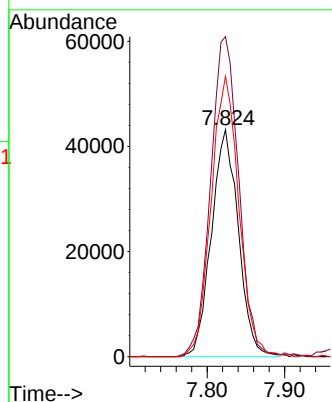
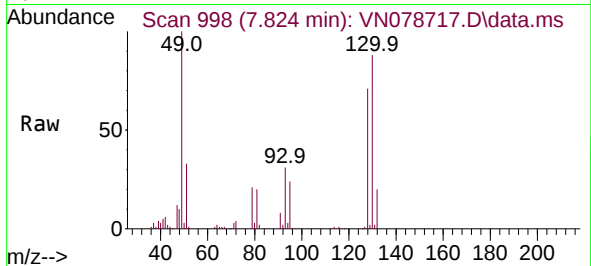
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Instrument :
MSVOA_N
Client Sample Id :
VSTDICC005

Tgt Ion: 128 Resp: 10438
Ion Ratio Lower Upper
128 100
49 147.0 0.0 370.8
130 126.5 0.0 307.0

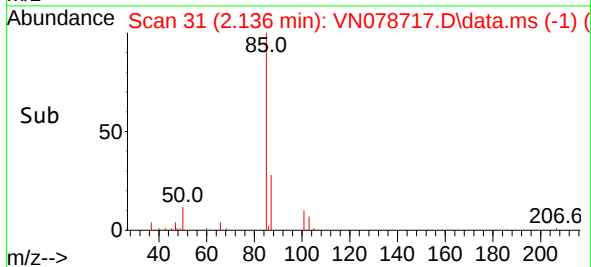
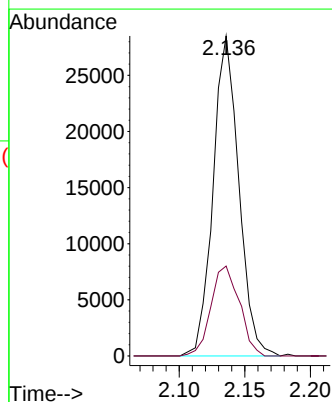
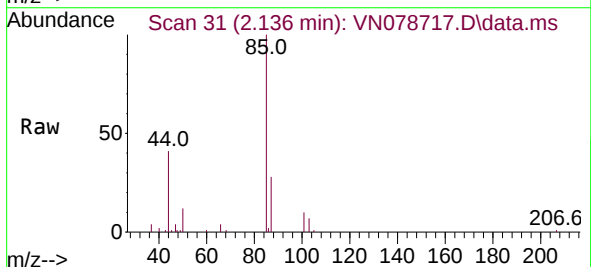
Manual Integrations
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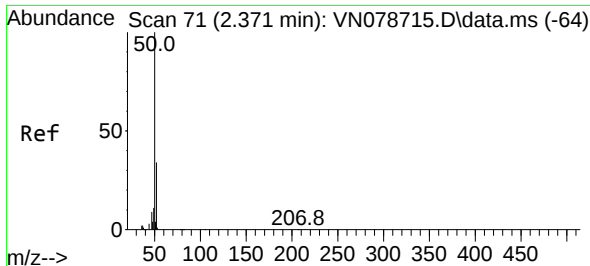
Reviewed By : John Carlone 08/02/2023
Supervised By : Mahesh Dadoda 08/02/2023



#2
Dichlorodifluoromethane
Concen: 6.738 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Tgt Ion: 85 Resp: 38904
Ion Ratio Lower Upper
85 100
87 28.1 16.4 49.4





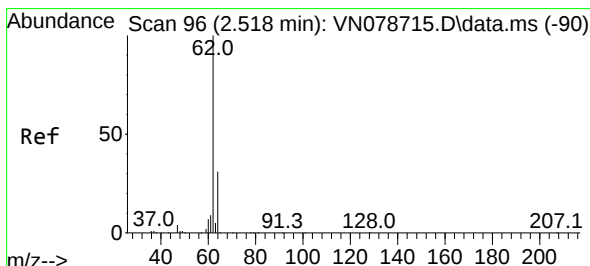
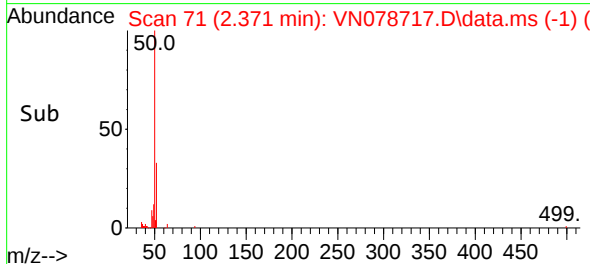
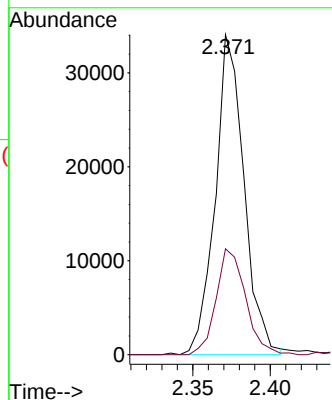
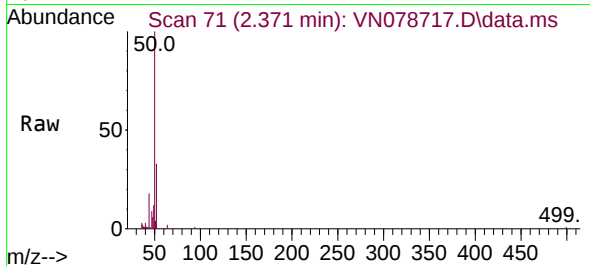
#3
Chloromethane
Concen: 6.127 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 4396
Ion Ratio Lower Upper
50 100
52 33.1 24.6 36.8

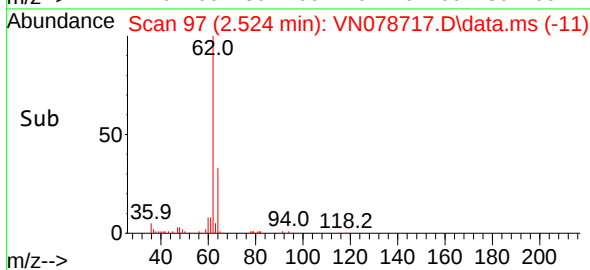
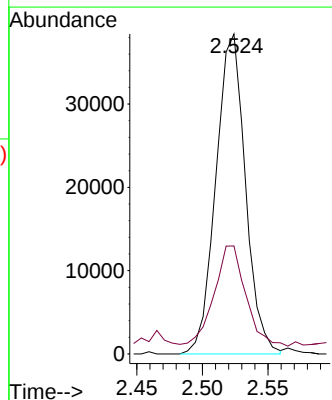
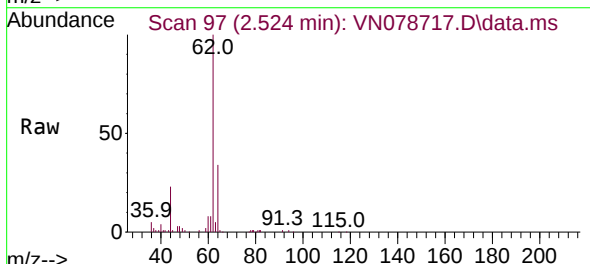
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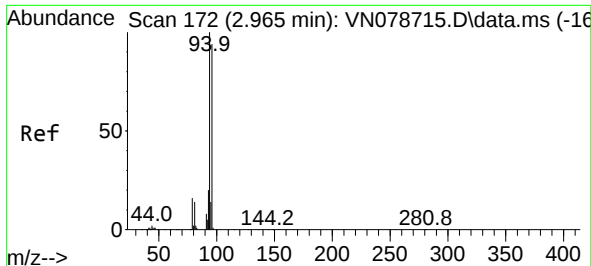
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#4
Vinyl Chloride
Concen: 6.409 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

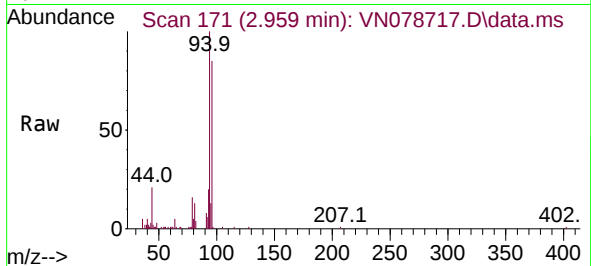
Tgt Ion: 62 Resp: 60096
Ion Ratio Lower Upper
62 100
64 30.8 23.3 34.9





#5
Bromomethane
Concen: 7.339 ug/l
RT: 2.959 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

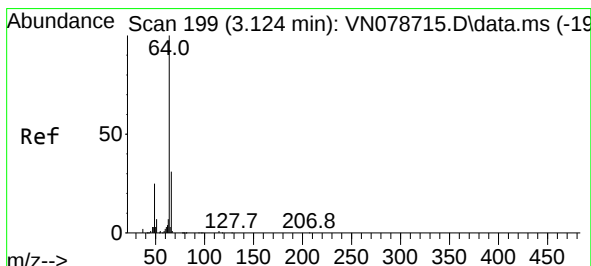
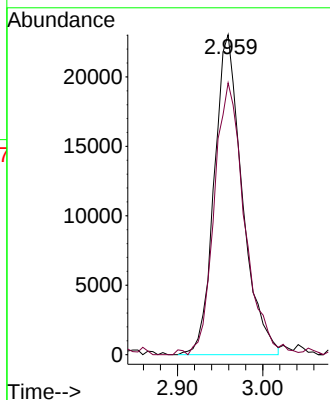
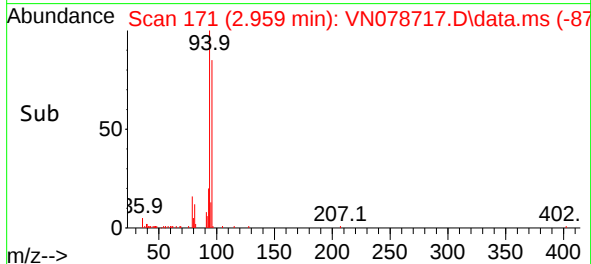
Instrument :
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ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 52720
Ion Ratio Lower Upper
94 100
96 83.5 73.9 110.9

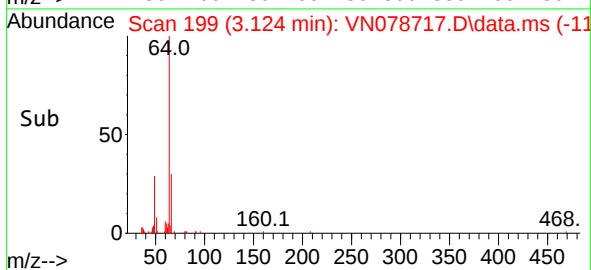
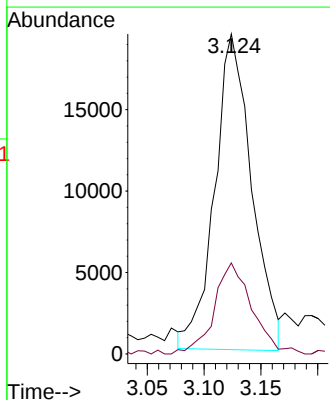
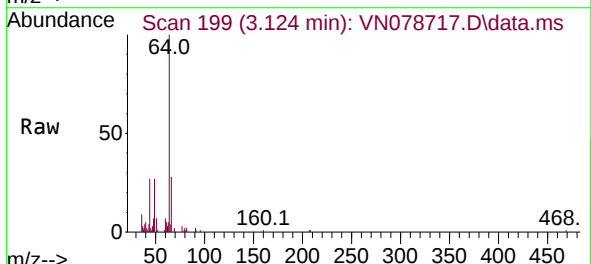
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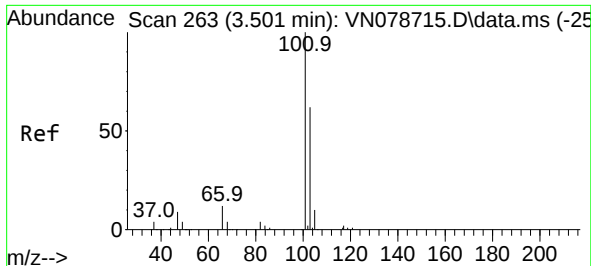
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#6
Chloroethane
Concen: 7.155 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Tgt Ion: 64 Resp: 44082
Ion Ratio Lower Upper
64 100
66 29.1 25.7 38.5





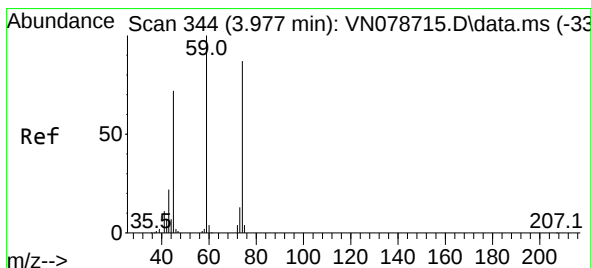
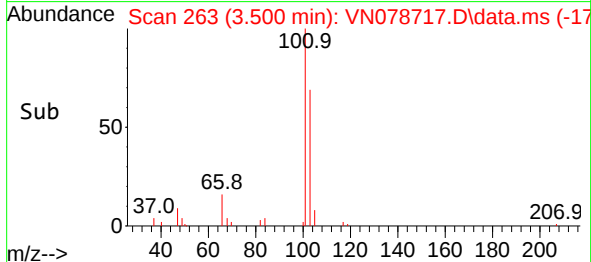
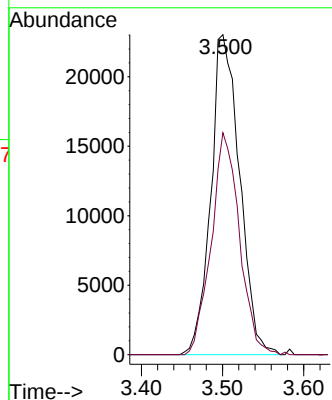
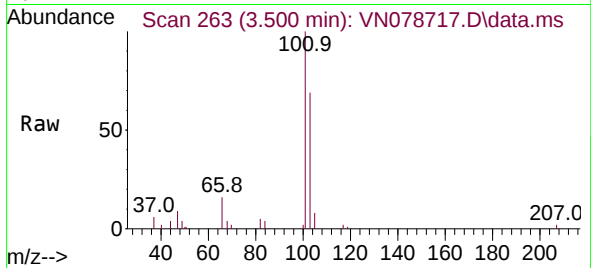
#7
 Trichlorofluoromethane
 Concen: 5.828 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.001 min
 Lab File: VN078717.D
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Instrument :
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 VSTDIC005

Tgt Ion:101 Resp: 5676
 Ion Ratio Lower Upper
 101 100
 103 69.3 50.4 75.6

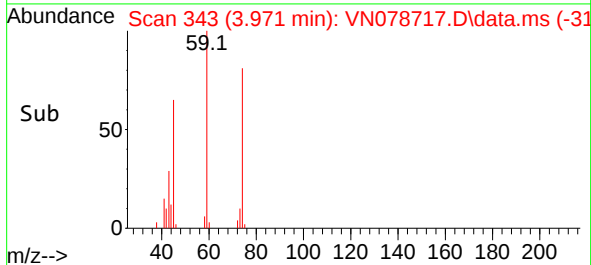
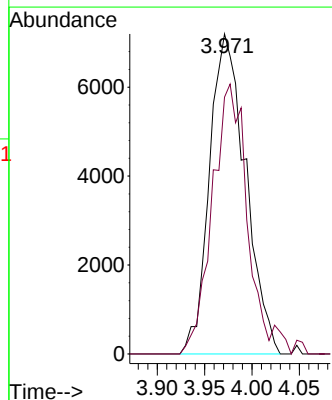
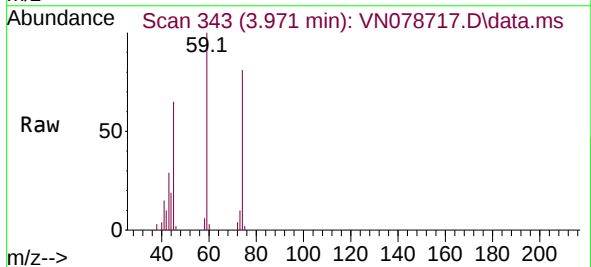
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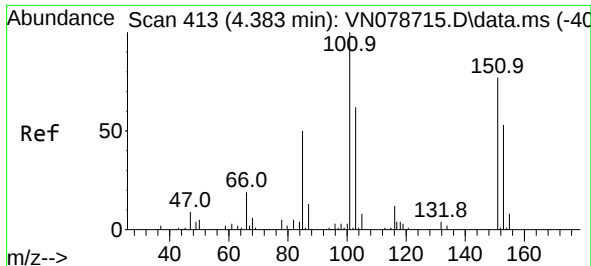
Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023



#8
 Diethyl Ether
 Concen: 6.058 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. -0.006 min
 Lab File: VN078717.D
 Acq: 01 Aug 2023 14:59

Tgt Ion: 74 Resp: 19055
 Ion Ratio Lower Upper
 74 100
 45 79.7 16.3 146.5





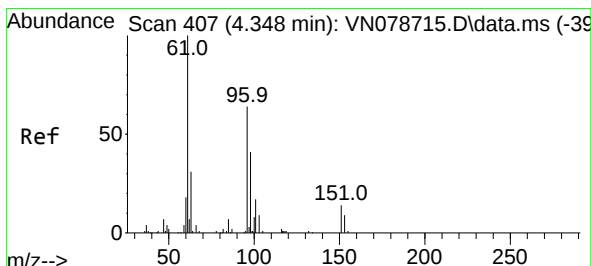
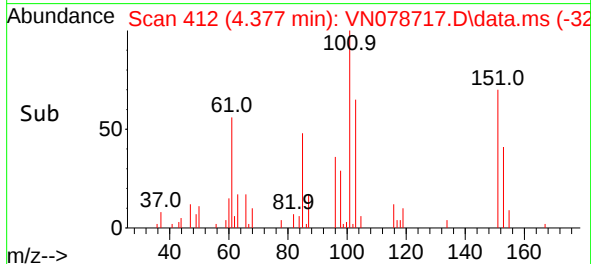
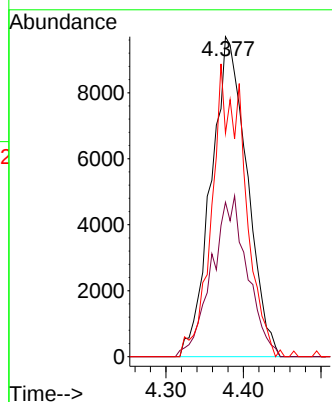
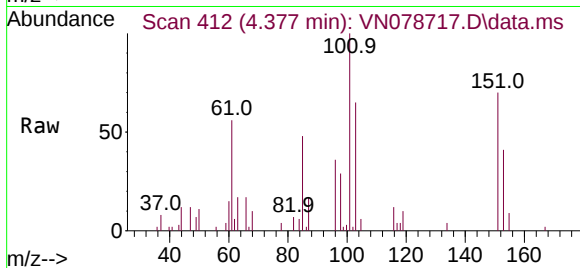
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1,1,2-Trichlorotrifluoroethane
Concen: 6.032 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 31290
Ion Ratio Lower Upper
101 100
85 27.6 0.0 89.2
151 47.5 0.0 148.8

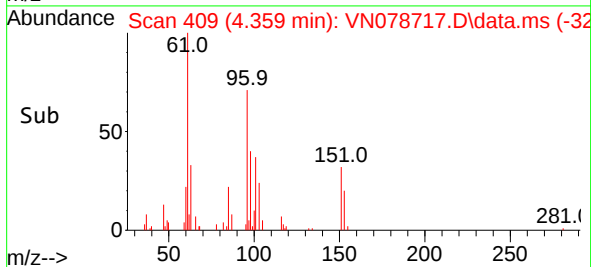
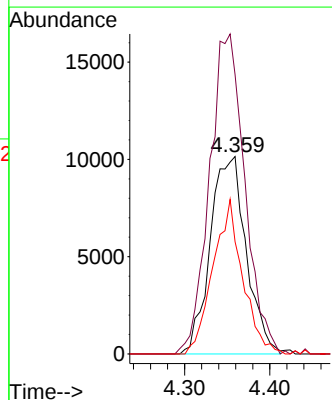
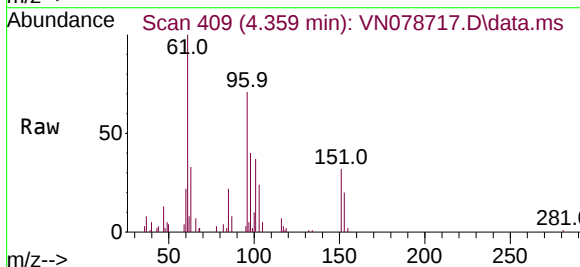
Manual Integrations
APPROVED

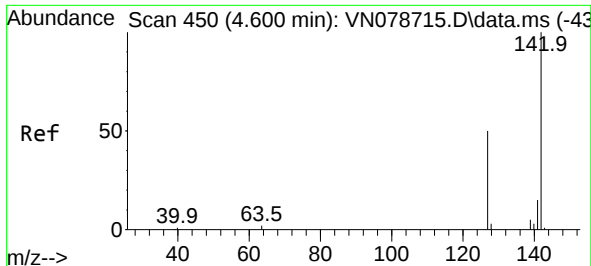
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#10
1,1-Dichloroethene
Concen: 5.994 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.011 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

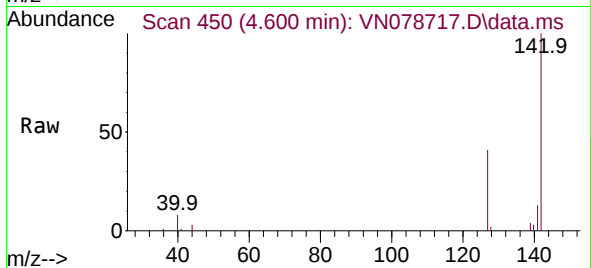
Tgt Ion: 96 Resp: 29843
Ion Ratio Lower Upper
96 100
61 141.4 123.4 185.2
98 56.8 53.7 80.5





#11
Methyl Iodide
Concen: 5.928 ug/l
RT: 4.600 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

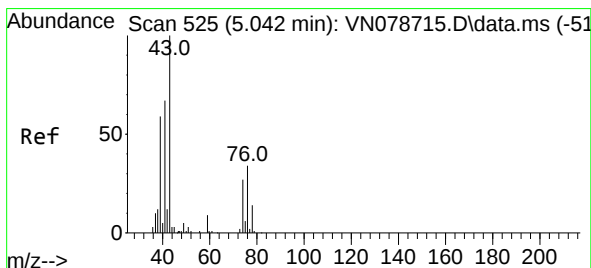
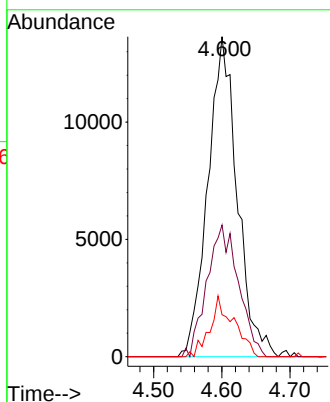
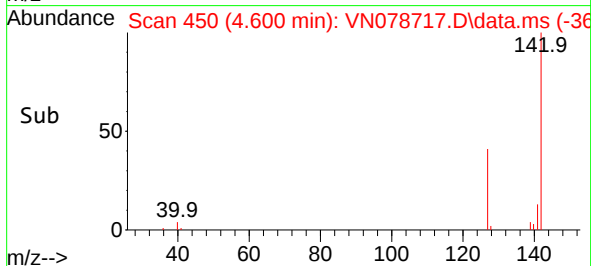
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:142 Resp: 40890
Ion Ratio Lower Upper
142 100
127 41.2 23.2 69.5
141 13.1 7.2 21.7

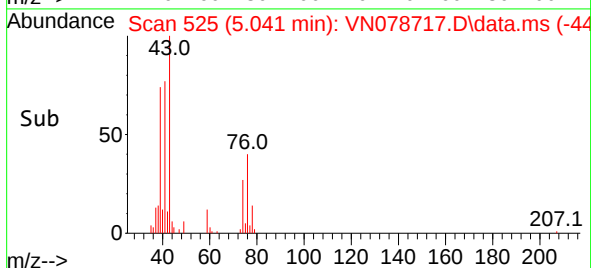
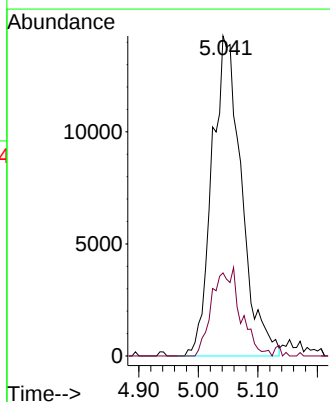
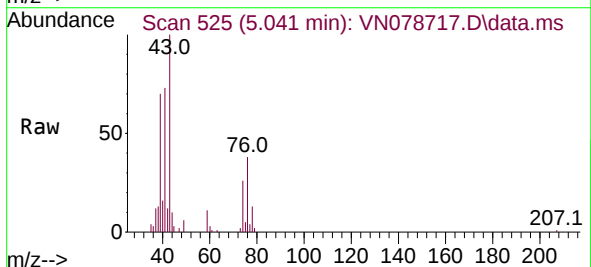
Manual Integrations
APPROVED

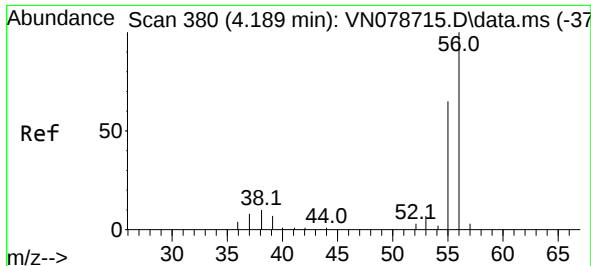
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#12
Methyl Acetate
Concen: 6.678 ug/l m
RT: 5.041 min Scan# 525
Delta R.T. -0.001 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

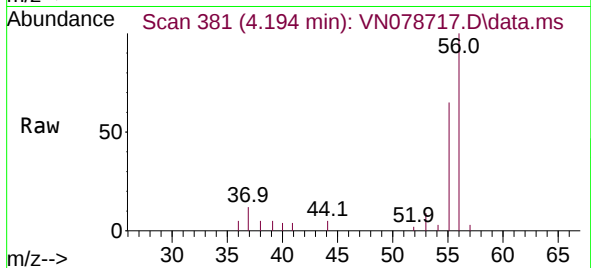
Tgt Ion: 43 Resp: 49117
Ion Ratio Lower Upper
43 100
74 26.0 20.5 30.7





#13
Acrolein
Concen: 30.719 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.005 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

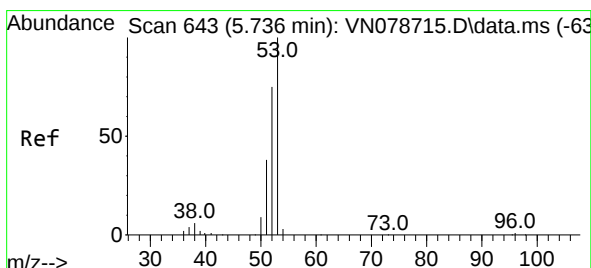
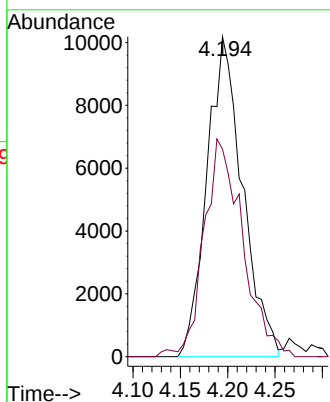
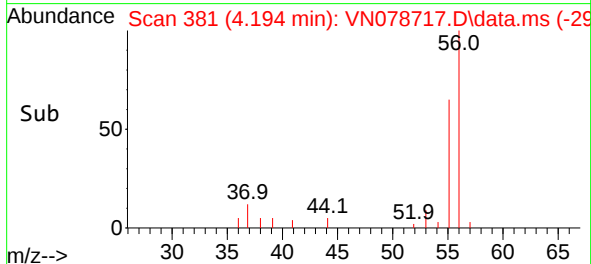
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 2667
Ion Ratio Lower Upper
56 100
55 67.9 59.0 88.4

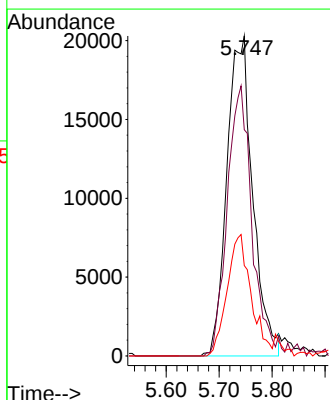
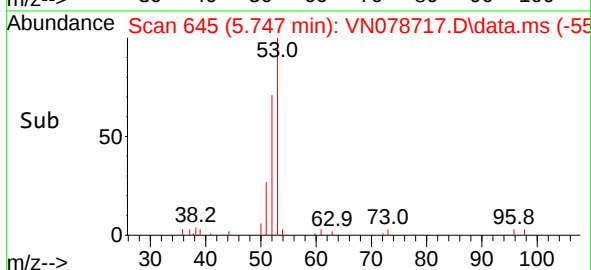
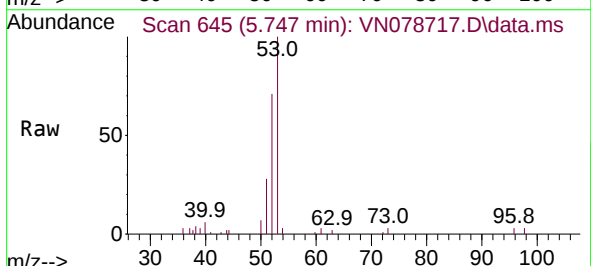
Manual Integrations
APPROVED

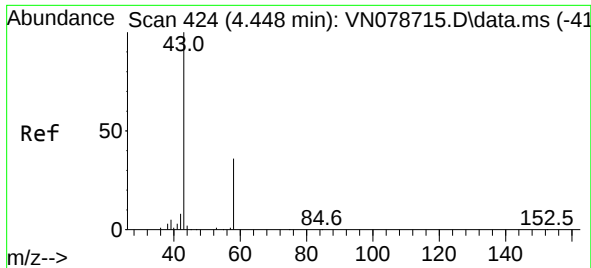
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#14
Acrylonitrile
Concen: 32.273 ug/l m
RT: 5.747 min Scan# 645
Delta R.T. 0.011 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Tgt Ion: 53 Resp: 68761
Ion Ratio Lower Upper
53 100
52 79.8 42.3 126.9
51 32.2 18.4 55.4





#15

Acetone

Concen: 28.321 ug/l m

RT: 4.447 min Scan# 41

Delta R.T. -0.001 min

Lab File: VN078717.D

Acq: 01 Aug 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 58 Resp: 18034

Ion Ratio Lower Upper

58 100

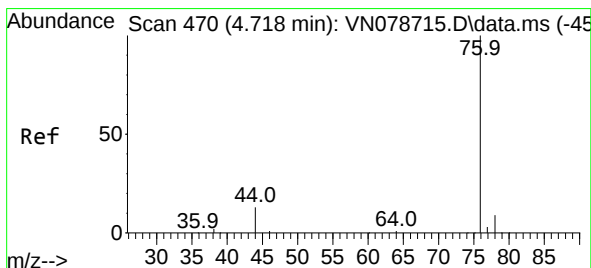
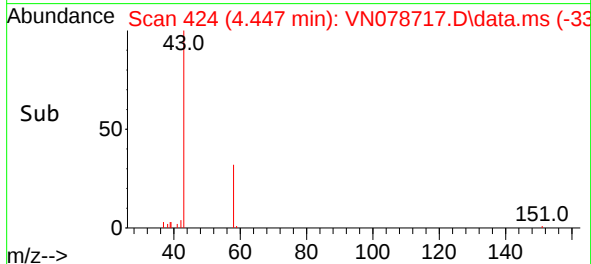
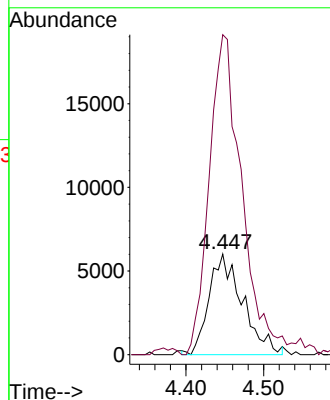
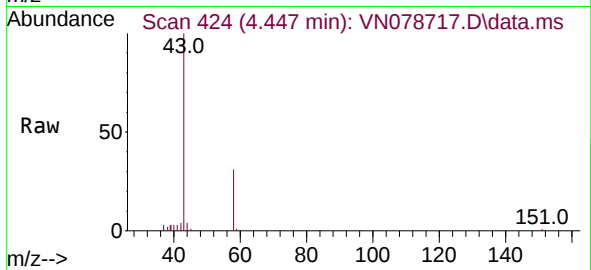
43 318.0 227.5 341.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#16

Carbon Disulfide

Concen: 5.915 ug/l

RT: 4.718 min Scan# 470

Delta R.T. -0.000 min

Lab File: VN078717.D

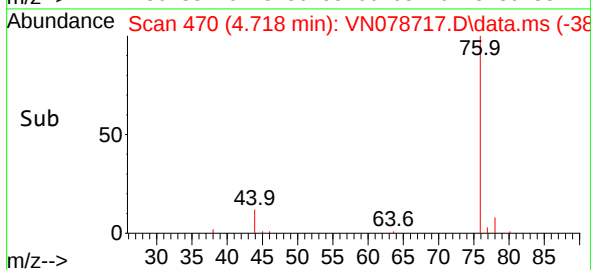
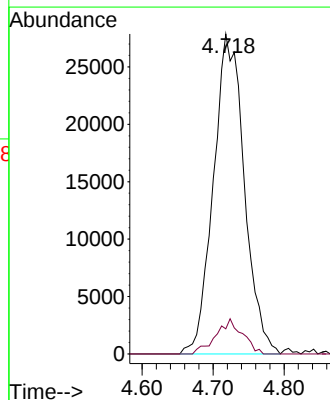
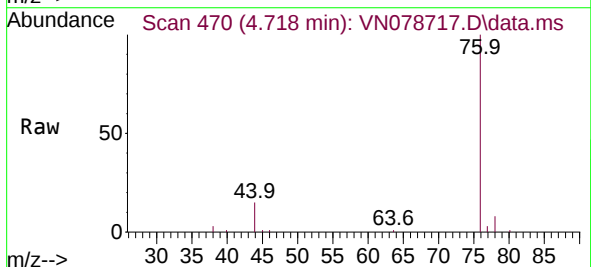
Acq: 01 Aug 2023 14:59

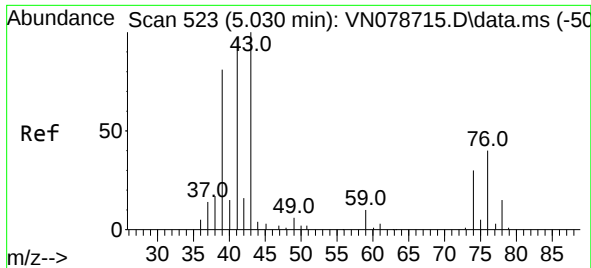
Tgt Ion: 76 Resp: 84135

Ion Ratio Lower Upper

76 100

78 7.8 7.7 11.5





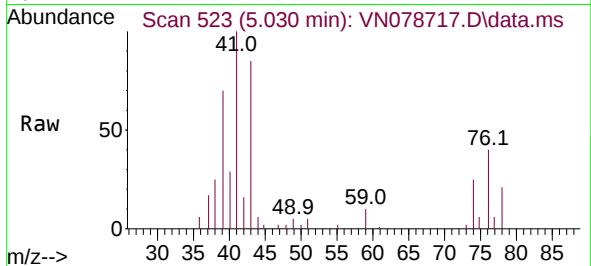
#17
 Allyl chloride
 Concen: 5.871 ug/l m
 RT: 5.030 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN078717.D
 Acq: 01 Aug 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

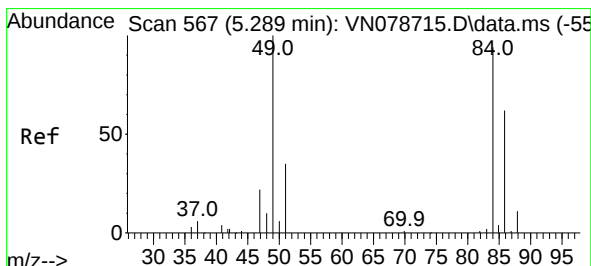
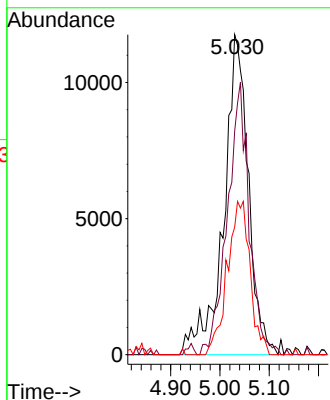
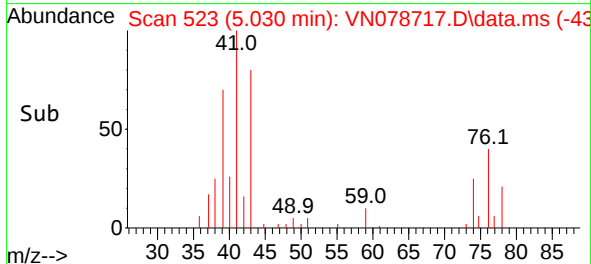


Tgt Ion: 41 Resp: 40719
 Ion Ratio Lower Upper
 41 100
 39 69.8 37.6 112.8
 76 39.9 23.8 71.4

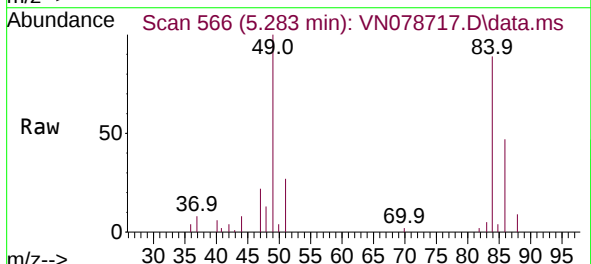
Manual Integrations

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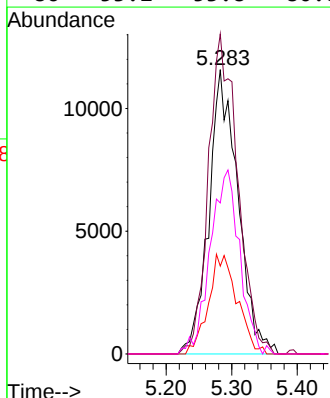
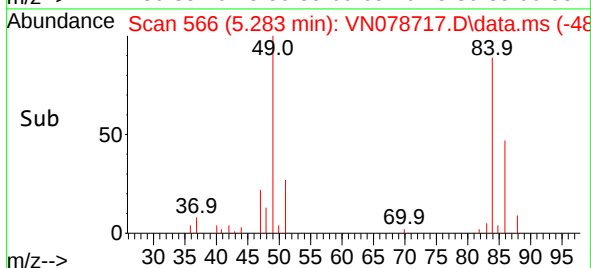
Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023

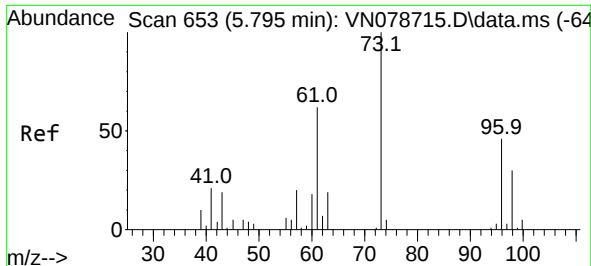


#18
 Methylene Chloride
 Concen: 6.618 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.006 min
 Lab File: VN078717.D
 Acq: 01 Aug 2023 14:59



Tgt Ion: 84 Resp: 35595
 Ion Ratio Lower Upper
 84 100
 49 112.6 88.1 132.1
 51 30.9 24.0 36.0
 86 53.2 53.8 80.8#





#19

trans-1,2-Dichloroethene

Concen: 5.969 ug/l

RT: 5.800 min Scan# 61

Delta R.T. 0.005 min

Lab File: VN078717.D

Acq: 01 Aug 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 34610

Ion Ratio Lower Upper

96 100

61 102.0 105.2 157.8

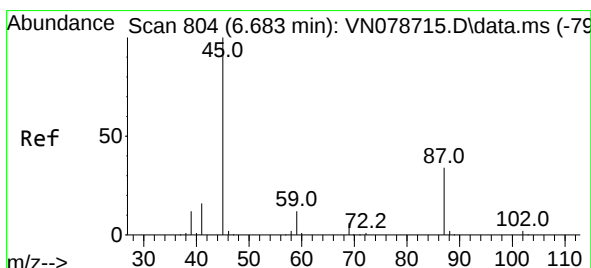
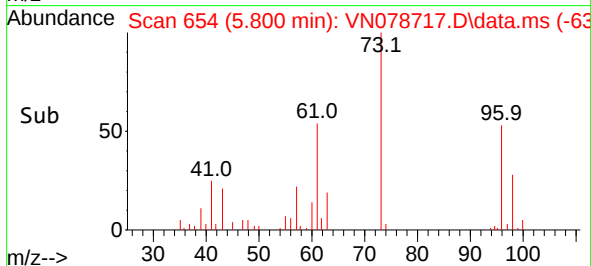
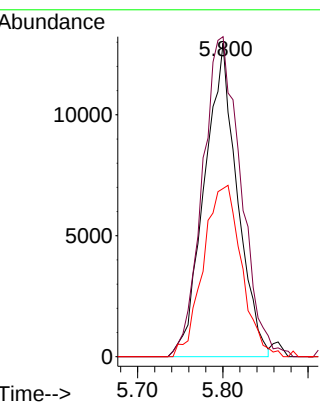
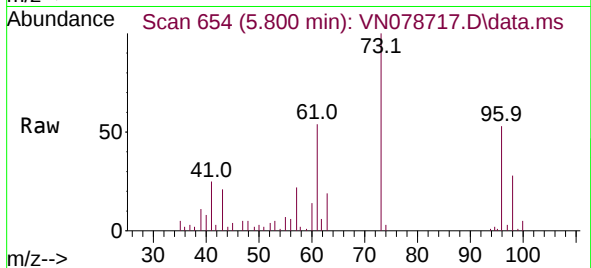
98 53.6 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#20

Diisopropyl ether

Concen: 5.541 ug/l

RT: 6.688 min Scan# 805

Delta R.T. 0.005 min

Lab File: VN078717.D

Acq: 01 Aug 2023 14:59

Tgt Ion: 45 Resp: 84212

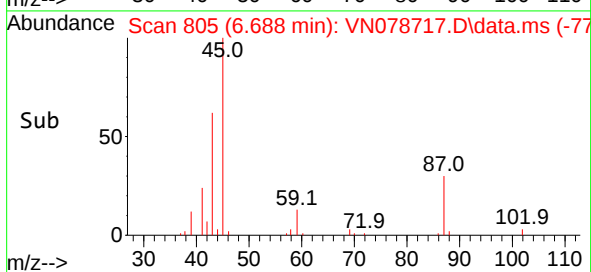
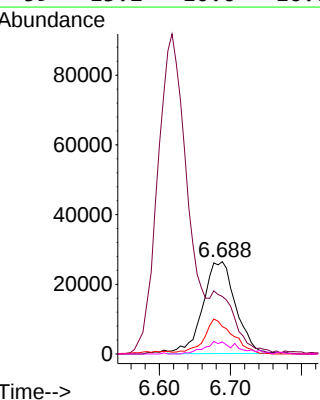
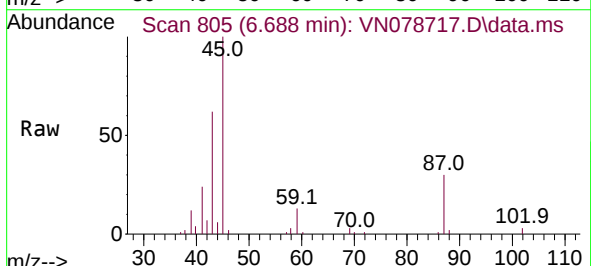
Ion Ratio Lower Upper

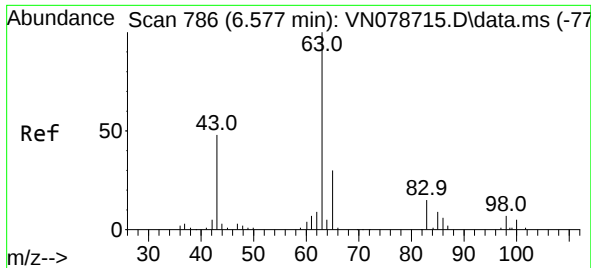
45 100

43 58.8 43.6 65.4

87 29.5 25.8 38.6

59 13.2 10.6 16.0





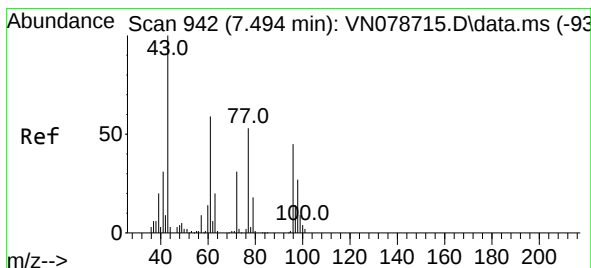
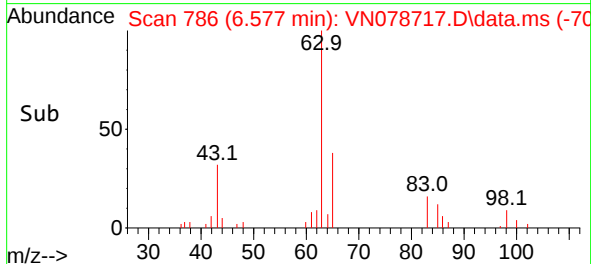
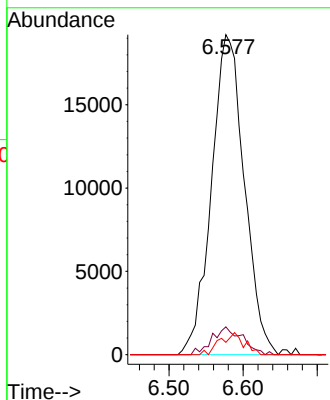
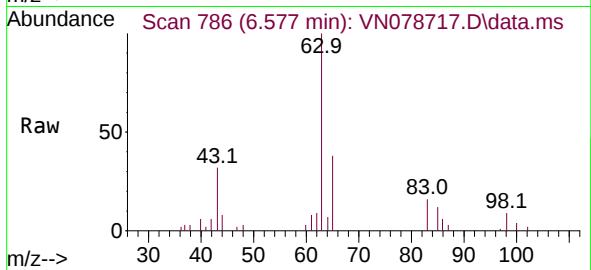
#21
1,1-Dichloroethane
Concen: 5.822 ug/l
RT: 6.577 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 59054
Ion Ratio Lower Upper
63 100
98 8.7 2.7 8.1
100 3.9 2.5 7.4

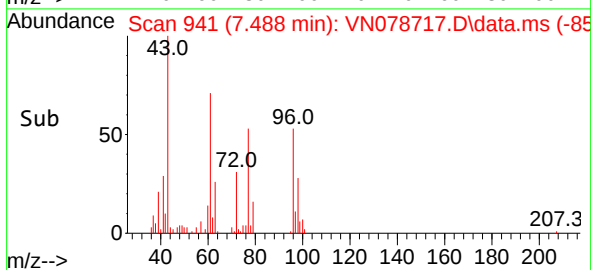
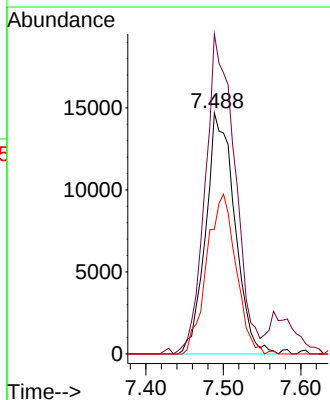
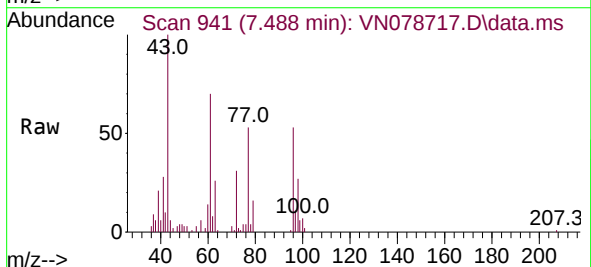
Manual Integrations
APPROVED

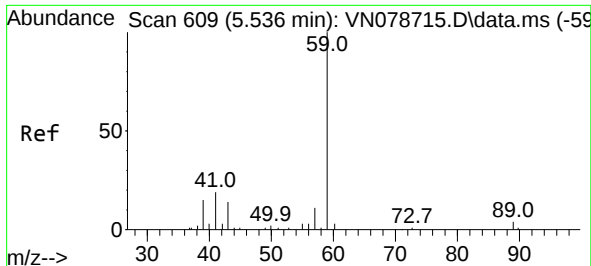
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#22
cis-1,2-Dichloroethene
Concen: 5.934 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Tgt Ion: 96 Resp: 38215
Ion Ratio Lower Upper
96 100
61 135.5 113.8 170.6
98 66.7 52.2 78.4





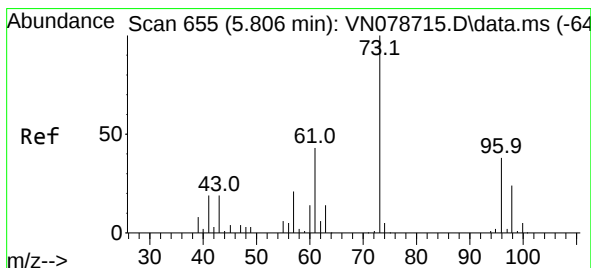
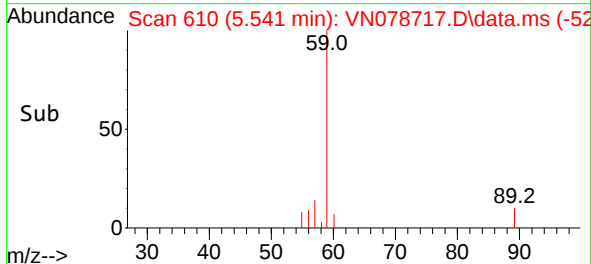
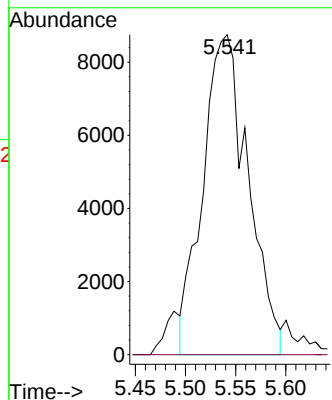
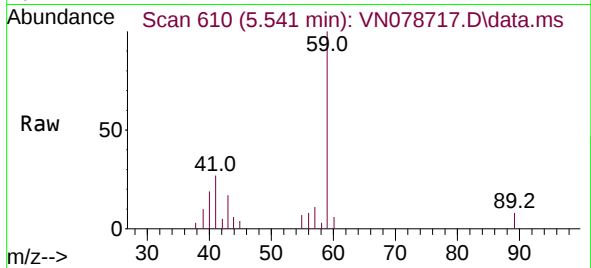
#23
tert-Butyl Alcohol
Concen: 28.222 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.005 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 27510
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

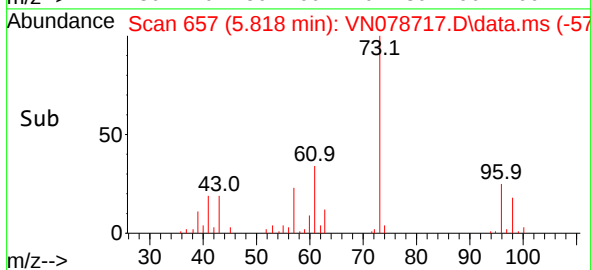
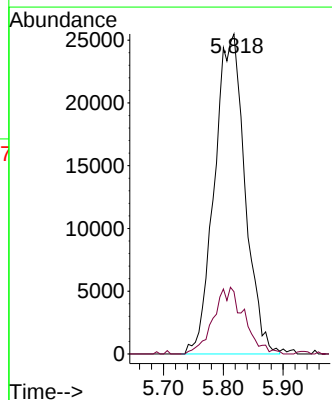
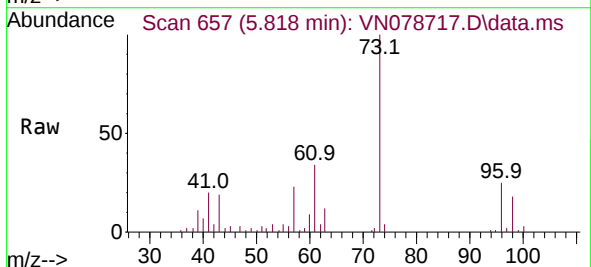
Manual Integrations
APPROVED

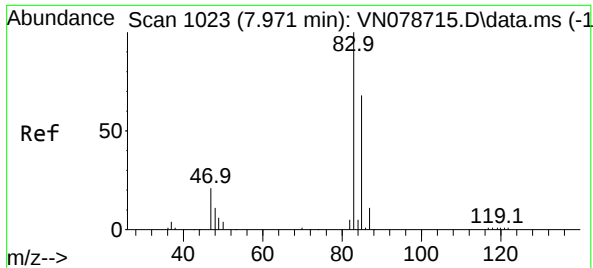
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#24
Methyl tert-Butyl Ether
Concen: 5.385 ug/l m
RT: 5.818 min Scan# 657
Delta R.T. 0.012 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Tgt Ion: 73 Resp: 90332
Ion Ratio Lower Upper
73 100
43 0.1 14.5 21.7#





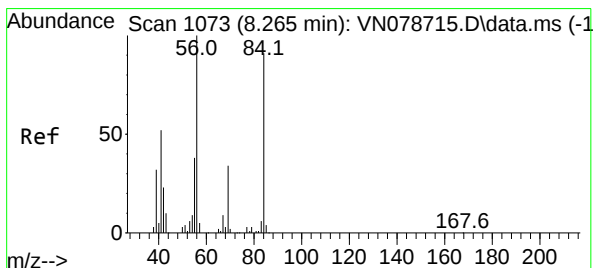
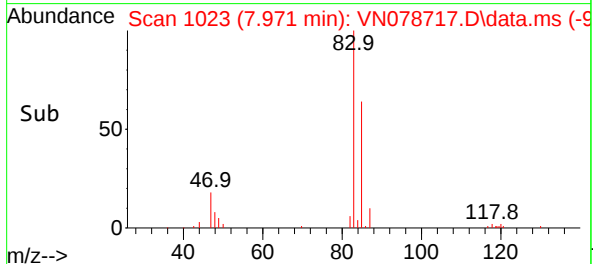
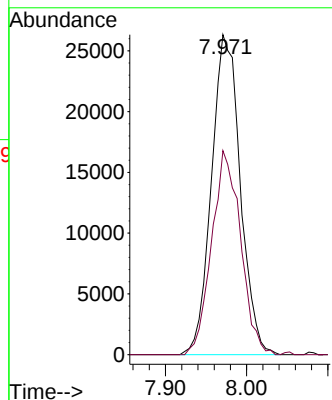
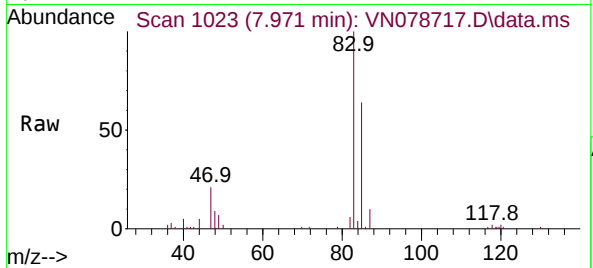
#25
Chloroform
Concen: 6.129 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 64924
Ion Ratio Lower Upper
83 100
85 63.7 53.4 80.0

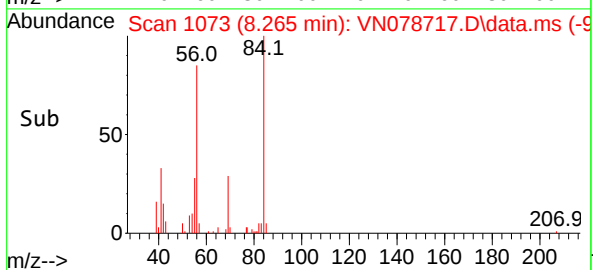
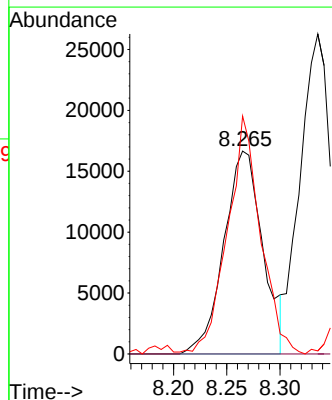
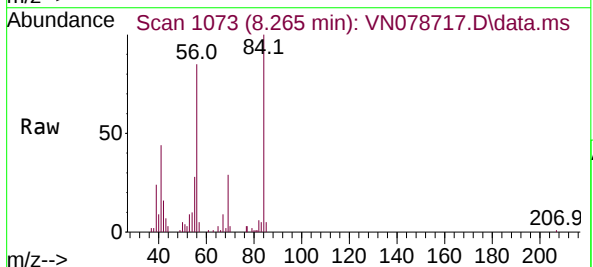
Manual Integrations
APPROVED

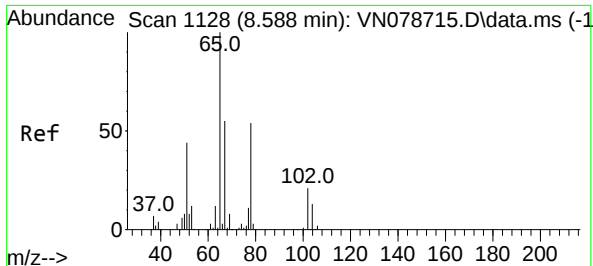
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#26
Cyclohexane
Concen: 5.717 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Tgt Ion: 56 Resp: 42318
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 99.1 74.2 111.4





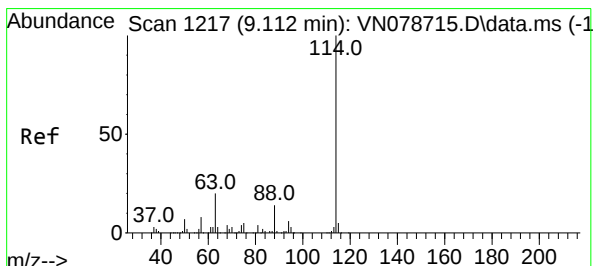
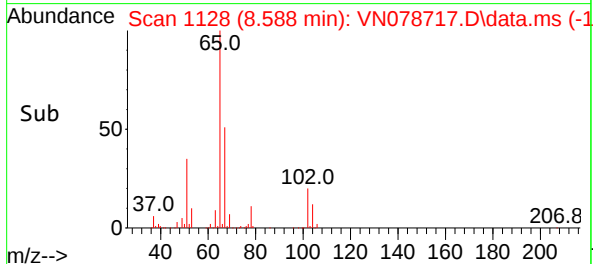
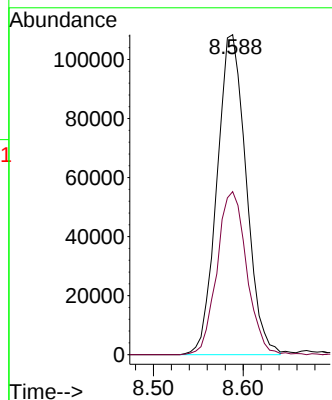
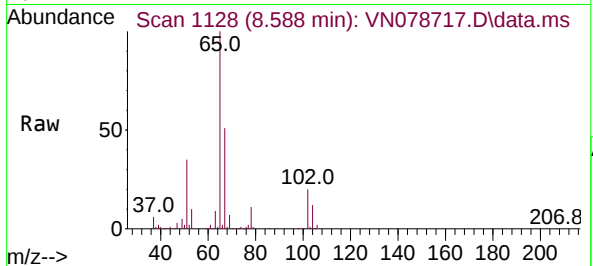
#27
1,2-Dichloroethane-d4
Concen: 31.100 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 65 Resp: 24460
Ion Ratio Lower Upper
65 100
67 51.7 42.9 64.3

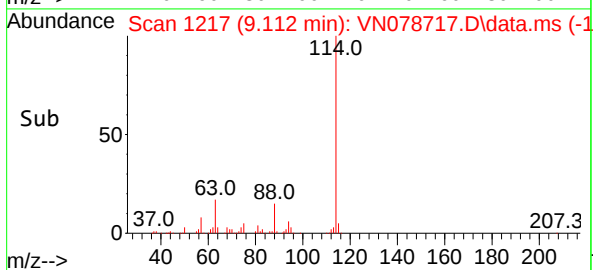
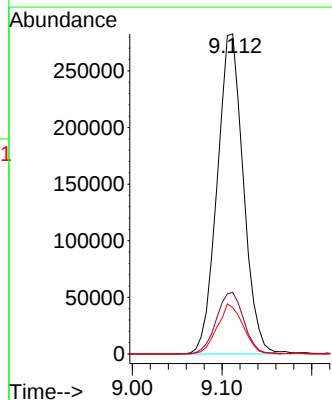
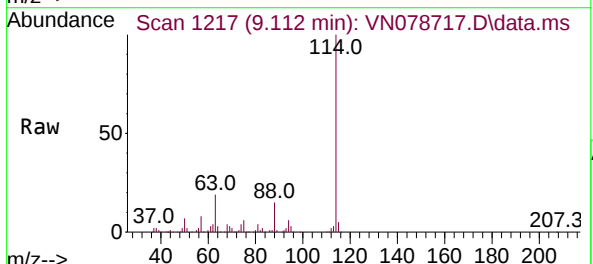
Manual Integrations
APPROVED

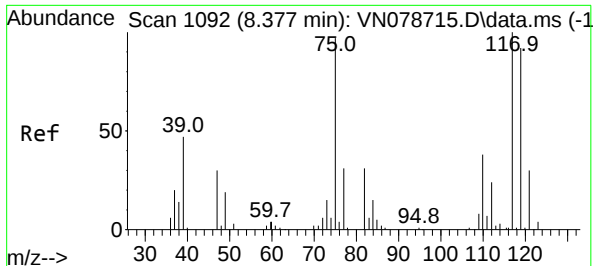
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

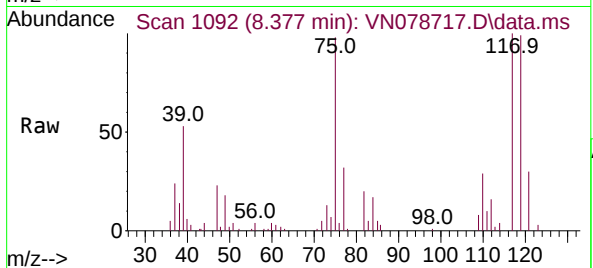
Tgt Ion:114 Resp: 572811
Ion Ratio Lower Upper
114 100
63 20.2 15.2 22.8
88 15.4 12.5 18.7





#29
1,1-Dichloropropene
Concen: 6.271 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

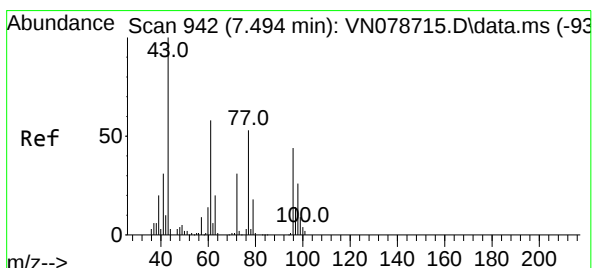
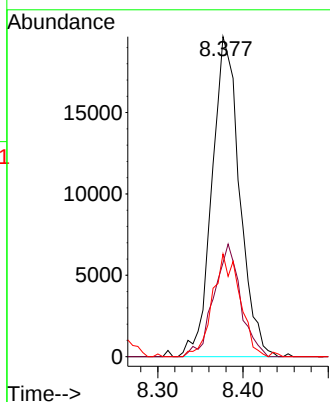
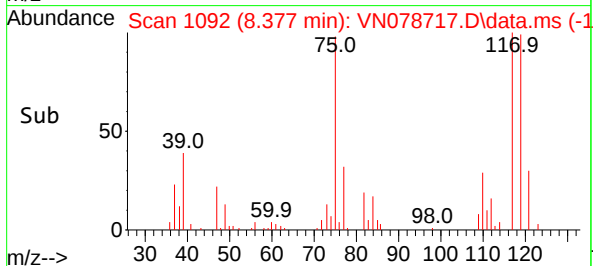
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 44359
Ion Ratio Lower Upper
75 100
110 32.8 0.0 72.2
77 32.0 0.0 62.8

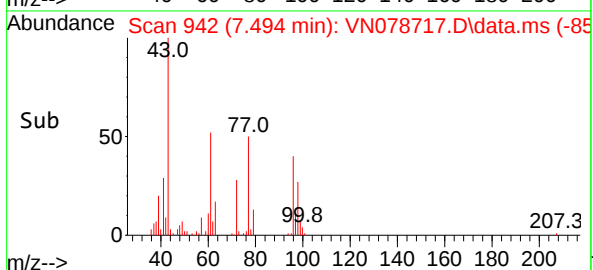
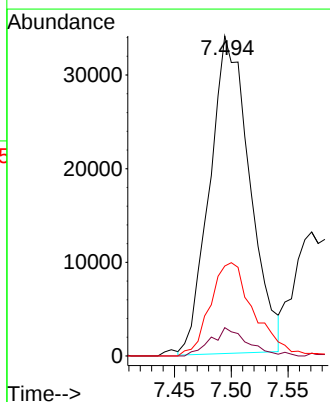
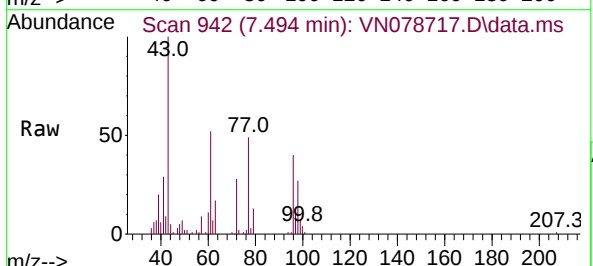
Manual Integrations
APPROVED

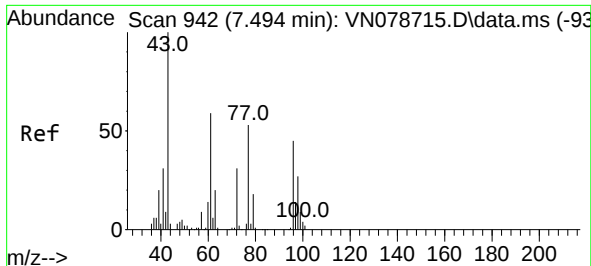
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#30
2-Butanone
Concen: 30.007 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Tgt Ion: 43 Resp: 83584
Ion Ratio Lower Upper
43 100
57 7.9 6.8 10.2
72 32.0 23.8 35.6





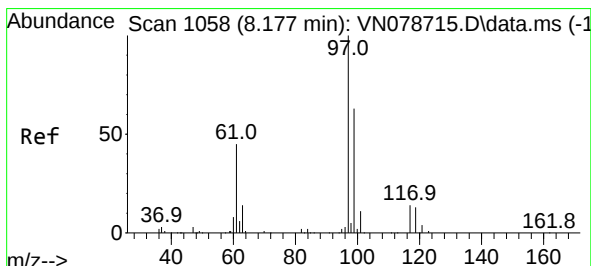
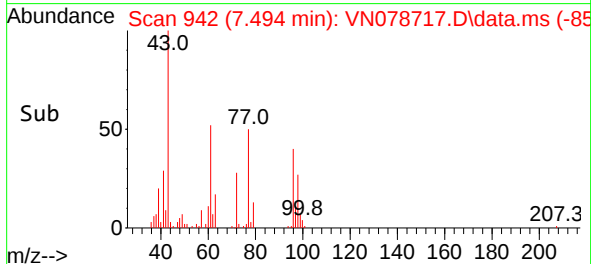
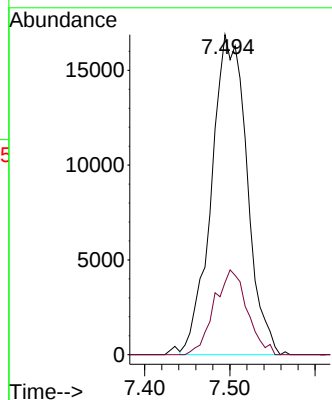
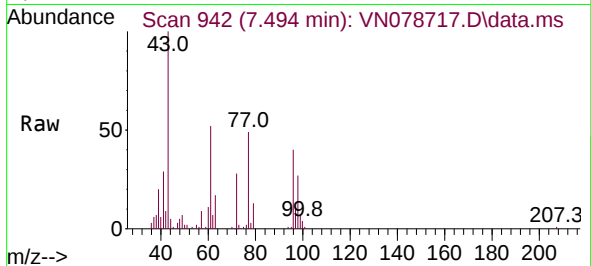
#31
2,2-Dichloropropane
Concen: 6.042 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 77 Resp: 4885
Ion Ratio Lower Upper
77 100
97 24.6 18.8 28.2

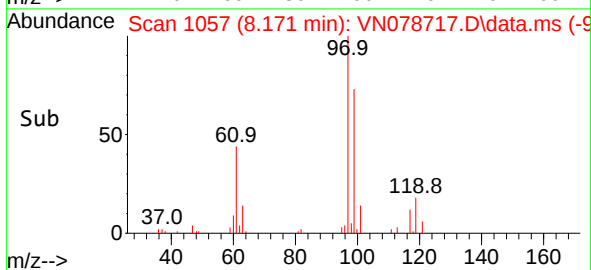
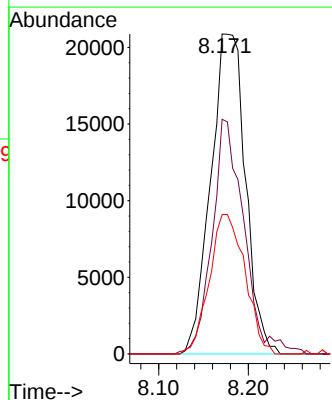
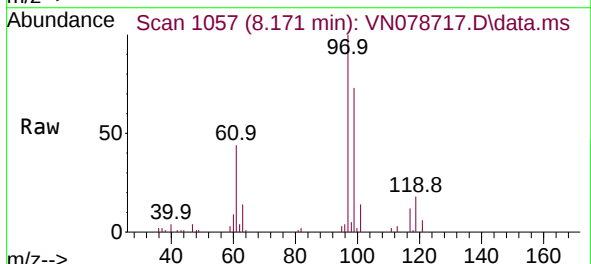
Manual Integrations
APPROVED

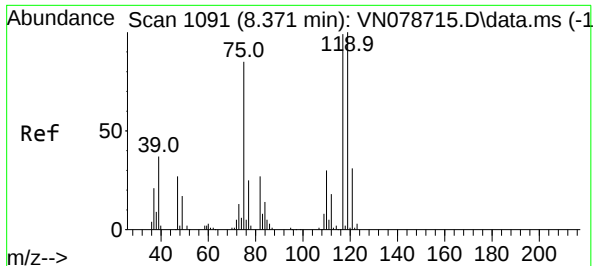
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#32
1,1,1-Trichloroethane
Concen: 6.208 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

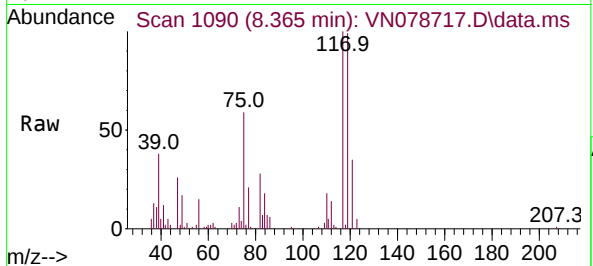
Tgt Ion: 97 Resp: 56137
Ion Ratio Lower Upper
97 100
99 64.3 51.3 76.9
61 44.7 34.6 52.0





#33
Carbon Tetrachloride
Concen: 6.404 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

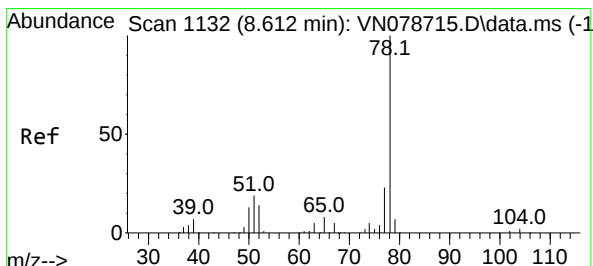
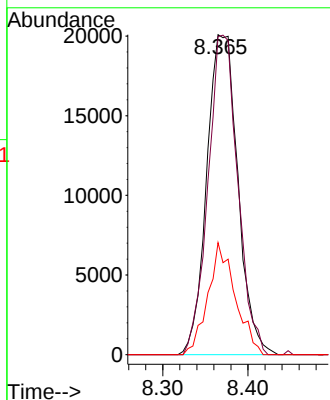
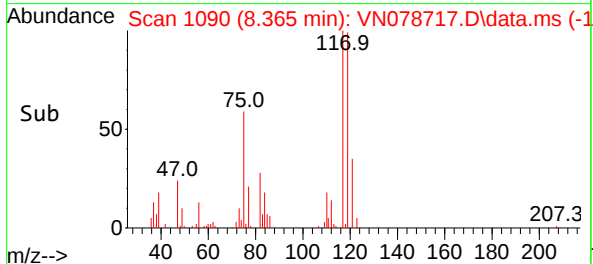
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 5102
Ion Ratio Lower Upper
117 100
119 99.4 81.4 122.0
121 35.0 23.6 35.4

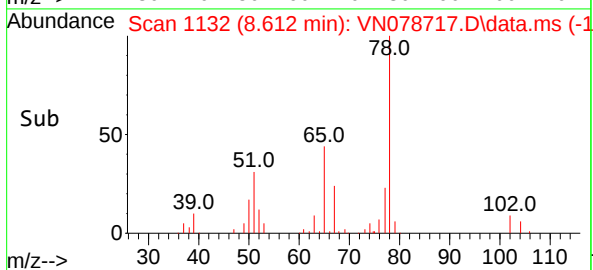
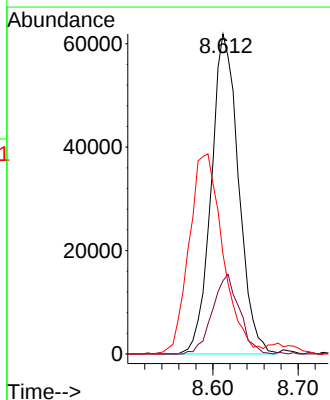
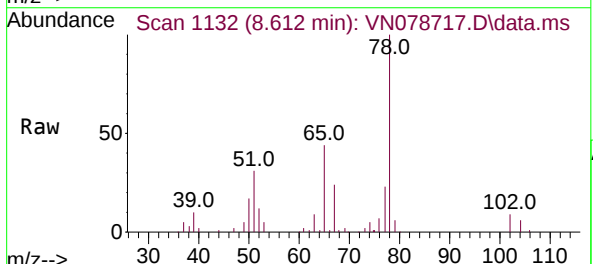
Manual Integrations
APPROVED

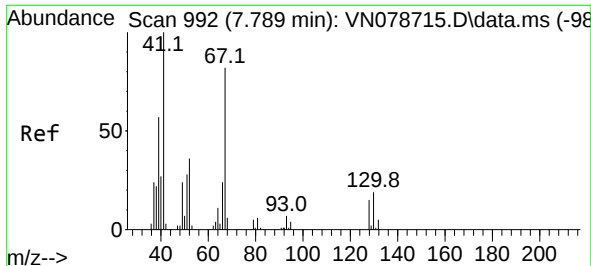
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#34
Benzene
Concen: 6.473 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

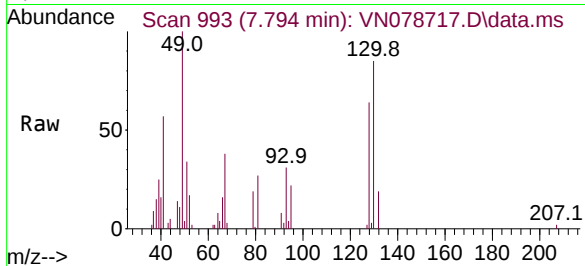
Tgt Ion: 78 Resp: 138022
Ion Ratio Lower Upper
78 100
77 22.9 18.3 27.5
51 27.8 13.7 20.5#





#35
Methacrylonitrile
Concen: 6.942 ug/l
RT: 7.794 min Scan# 992
Delta R.T. 0.005 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

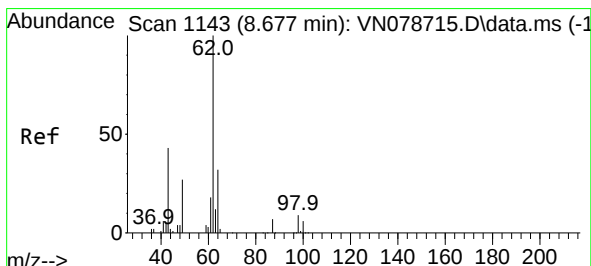
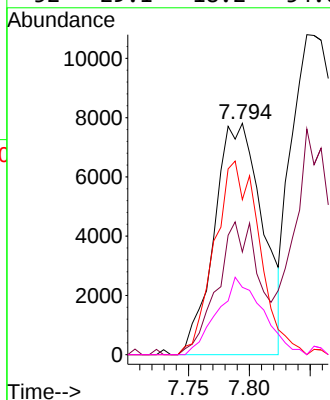
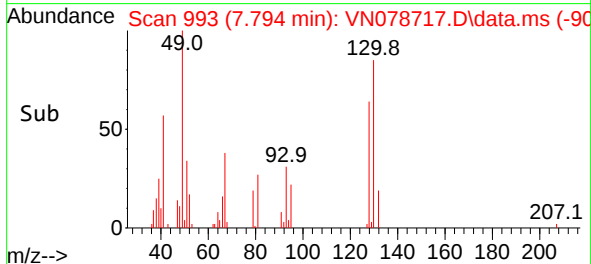
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 2151
Ion Ratio Lower Upper
41 100
39 44.4 33.9 101.6
67 67.0 45.9 137.6
52 29.1 18.2 54.6

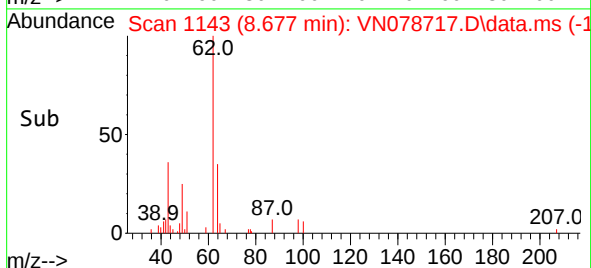
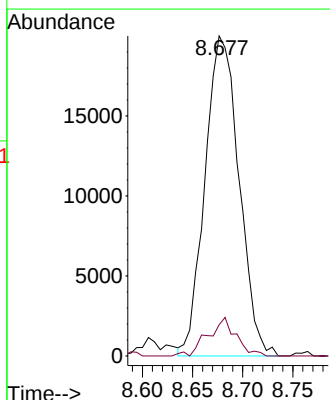
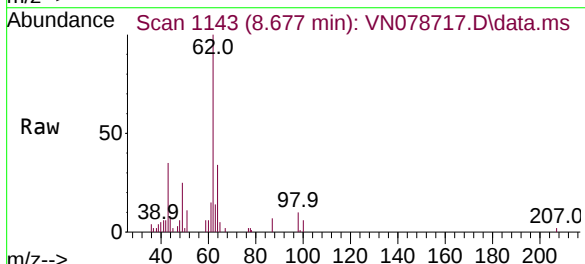
Manual Integrations
APPROVED

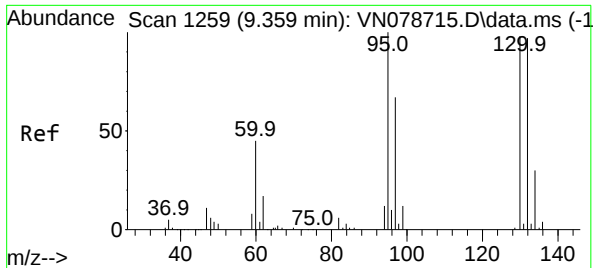
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#36
1,2-Dichloroethane
Concen: 6.286 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Tgt Ion: 62 Resp: 47286
Ion Ratio Lower Upper
62 100
98 6.0 7.4 11.0#





#37
Trichloroethene
Concen: 6.144 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

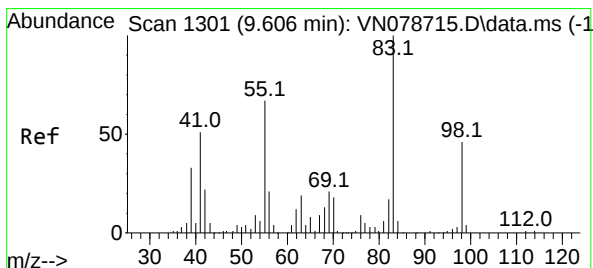
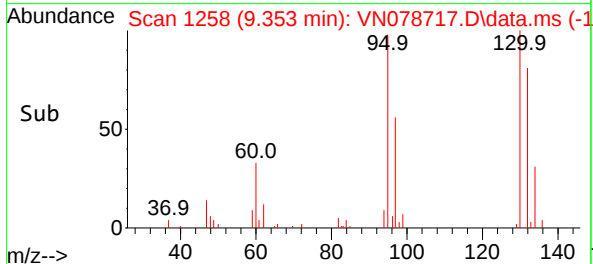
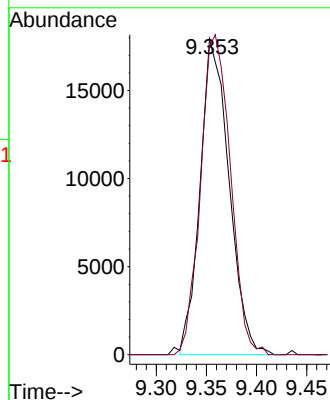
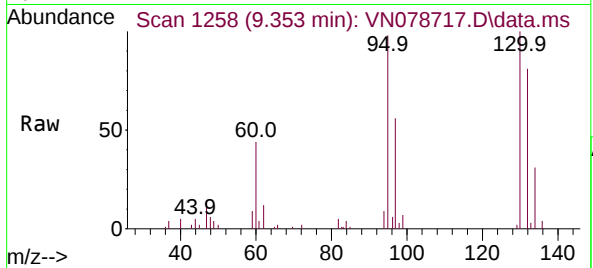
VSTDICC005

Tgt Ion:130 Resp: 3609
Ion Ratio Lower Upper
130 100
95 97.5 78.2 117.4

Manual Integrations

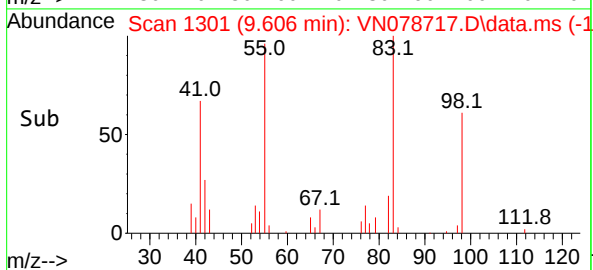
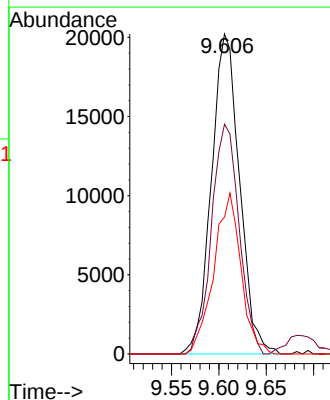
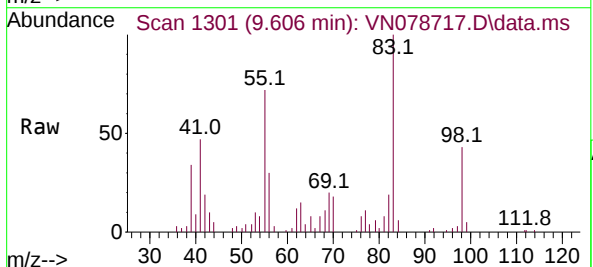
APPROVED

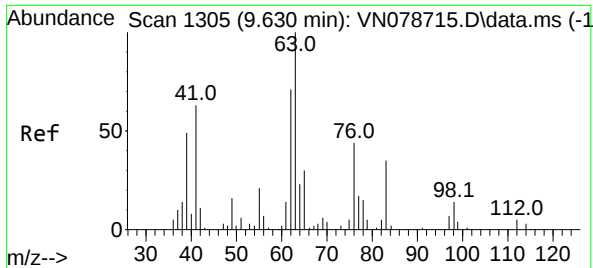
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#38
Methylcyclohexane
Concen: 5.958 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Tgt Ion: 83 Resp: 41836
Ion Ratio Lower Upper
83 100
55 70.4 34.0 102.0
98 48.3 23.0 69.0





#39

1,2-Dichloropropane

Concen: 6.113 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078717.D

Acq: 01 Aug 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 34208

Ion Ratio Lower Upper

63 100

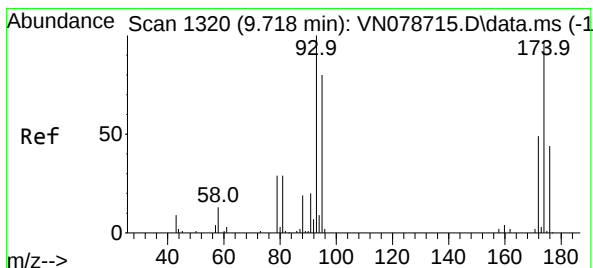
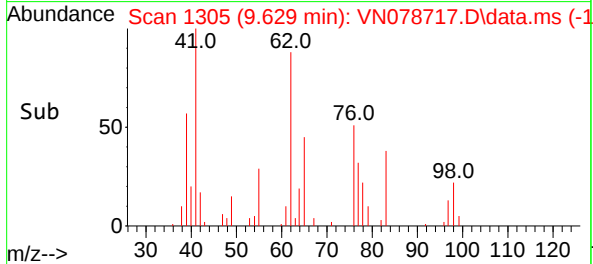
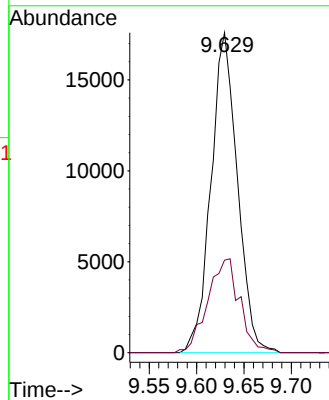
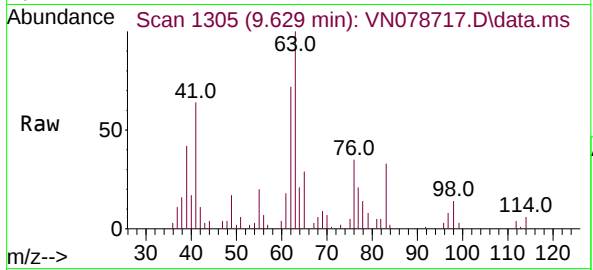
65 28.9 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#40

Dibromomethane

Concen: 6.041 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078717.D

Acq: 01 Aug 2023 14:59

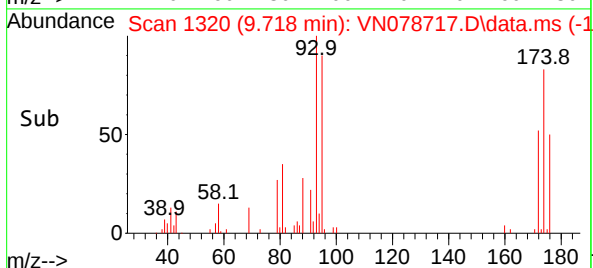
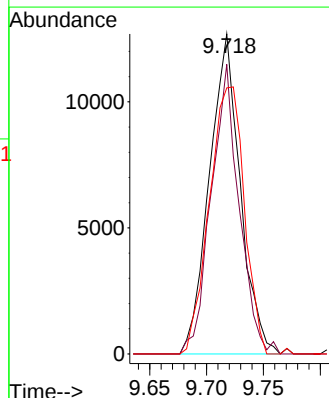
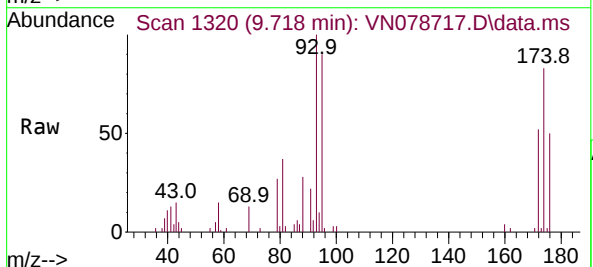
Tgt Ion: 93 Resp: 23969

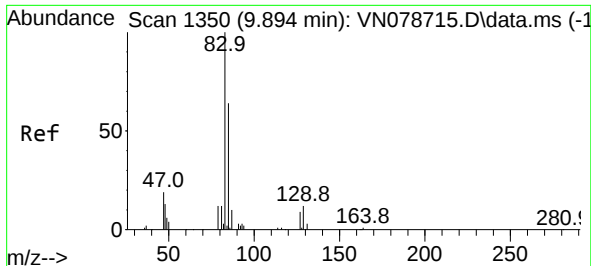
Ion Ratio Lower Upper

93 100

95 82.1 0.0 167.8

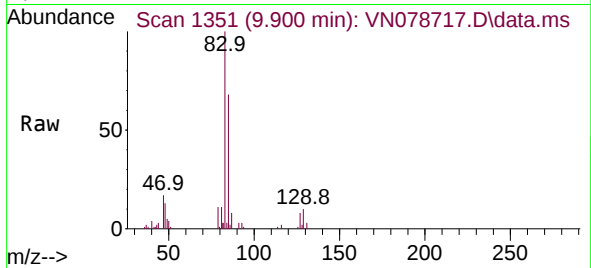
174 94.5 0.0 180.8





#41
Bromodichloromethane
Concen: 6.035 ug/l
RT: 9.900 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

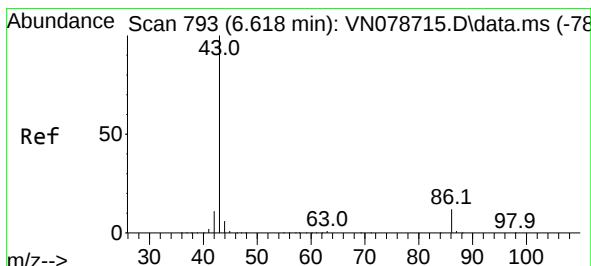
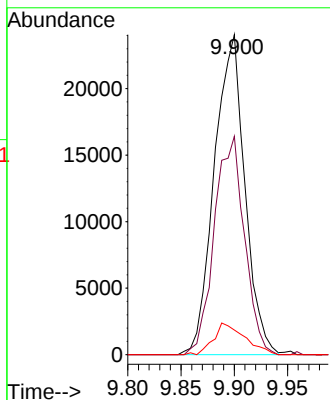
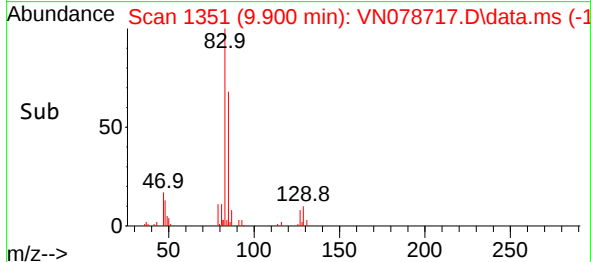
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 4792
Ion Ratio Lower Upper
83 100
85 68.2 54.1 81.1
127 7.7 7.8 11.6

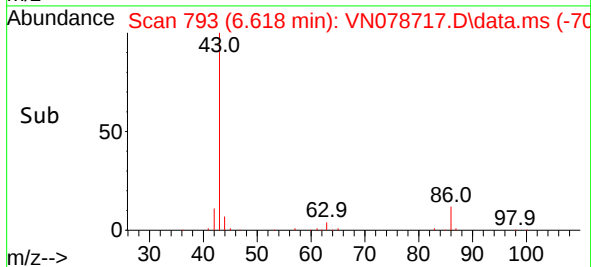
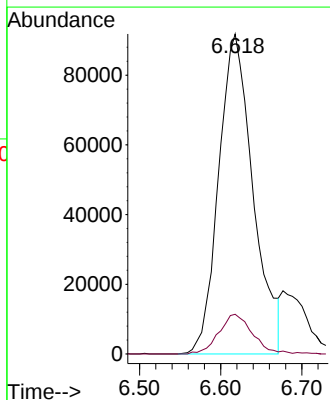
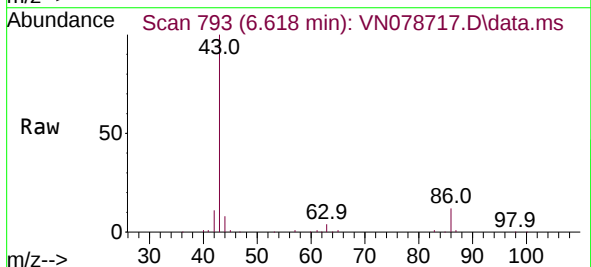
Manual Integrations
APPROVED

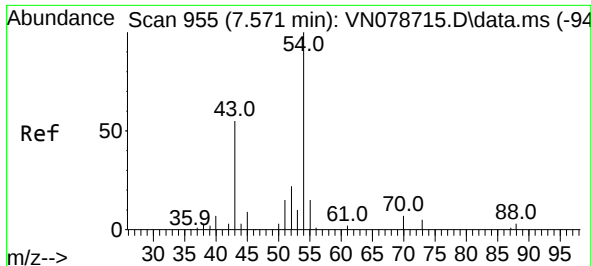
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#42
Vinyl Acetate
Concen: 29.053 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

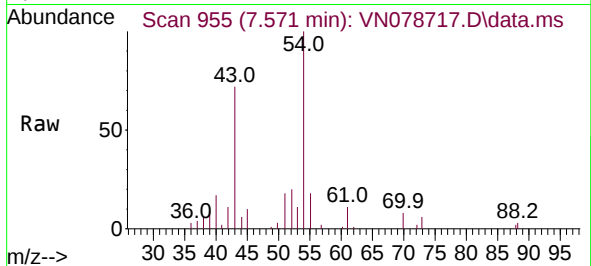
Tgt Ion: 43 Resp: 271050
Ion Ratio Lower Upper
43 100
86 11.8 9.4 14.0





#43
Ethyl Acetate
Concen: 5.514 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

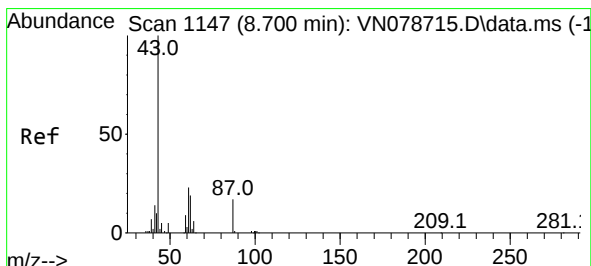
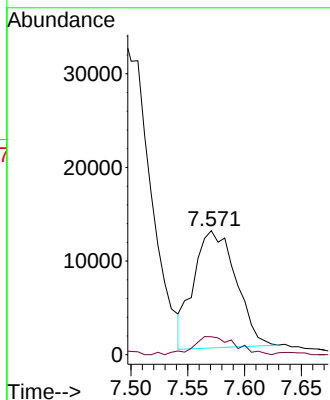
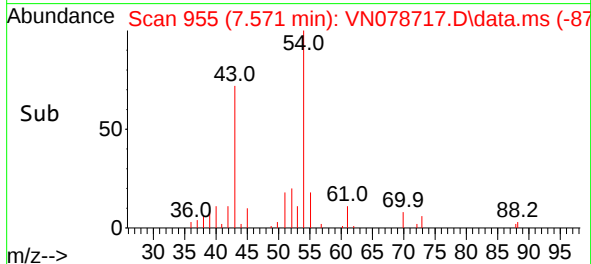
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005



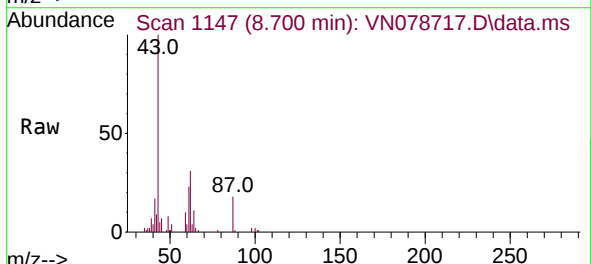
Tgt Ion: 43 Resp: 3238
Ion Ratio Lower Upper
43 100
45 13.6 10.9 16.3

Manual Integrations
APPROVED

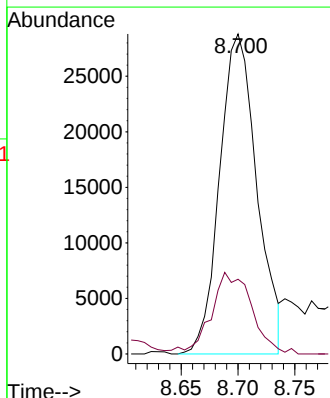
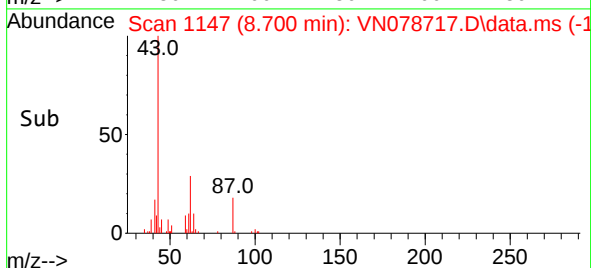
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

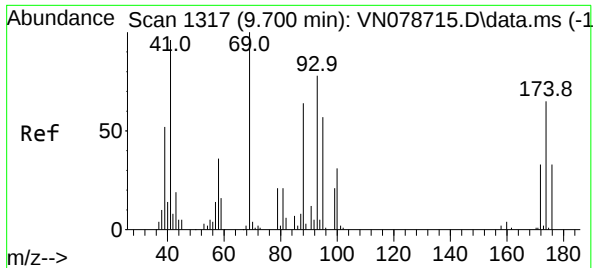


#44
Isopropyl Acetate
Concen: 6.402 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59



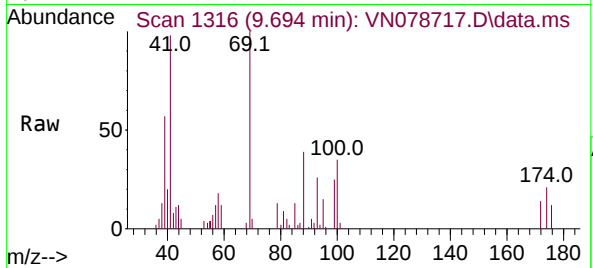
Tgt Ion: 43 Resp: 65788
Ion Ratio Lower Upper
43 100
61 13.3 23.0 34.6





#45
1,4-Dioxane
Concen: 117.630 ug/l m
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

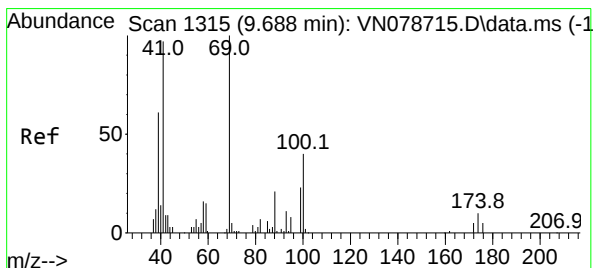
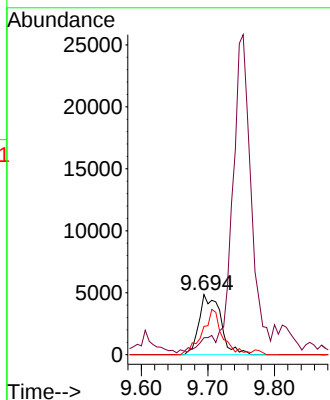
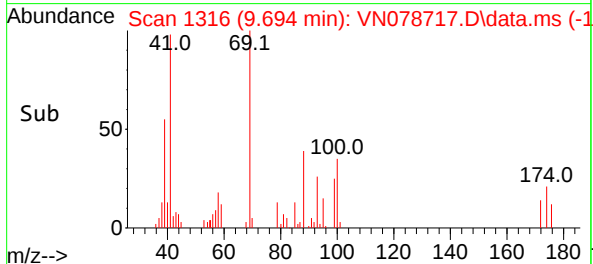
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



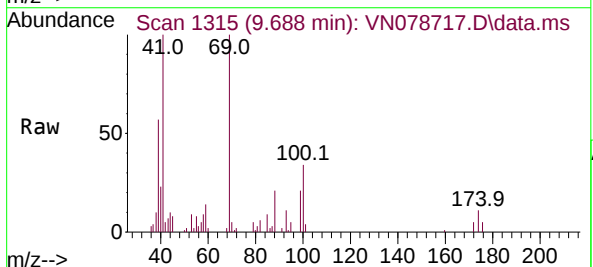
Tgt Ion: 88 Resp: 10852
Ion Ratio Lower Upper
88 100
43 13.8 19.0 28.6
58 66.3 48.2 72.2

Manual Integrations
APPROVED

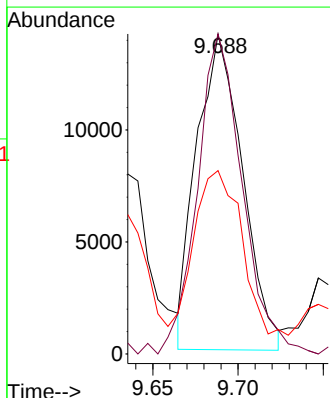
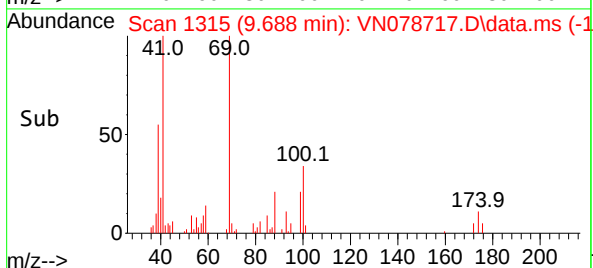
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

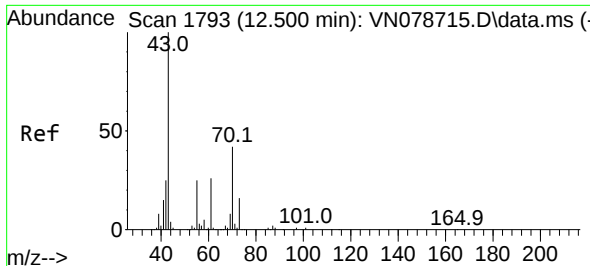


#46
Methyl methacrylate
Concen: 5.754 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59



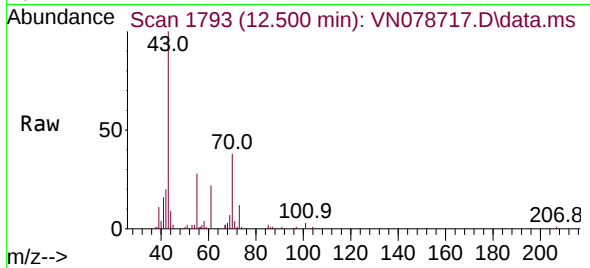
Tgt Ion: 41 Resp: 26398
Ion Ratio Lower Upper
41 100
69 100.0 49.0 147.0
39 53.6 31.6 94.8





#47
n-amy1 Acetate
Concen: 5.559 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

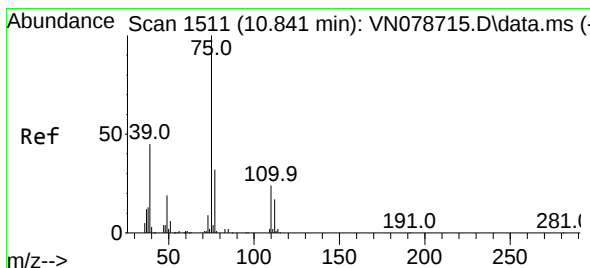
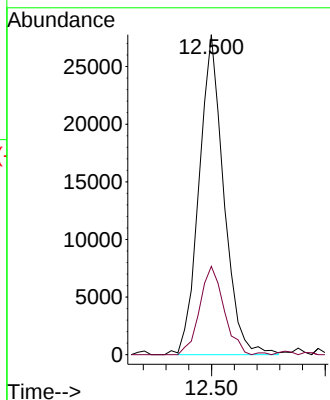
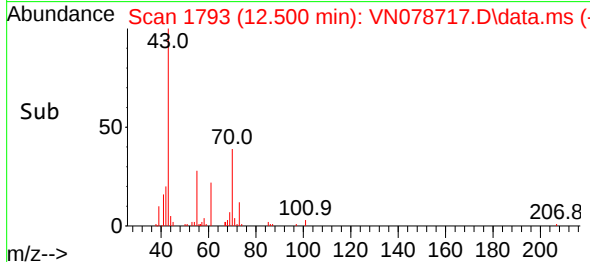
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 41789
Ion Ratio Lower Upper
43 100
55 27.1 21.5 32.3

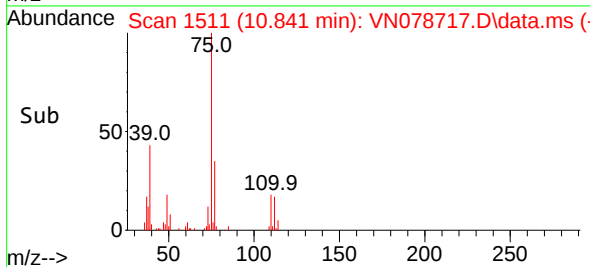
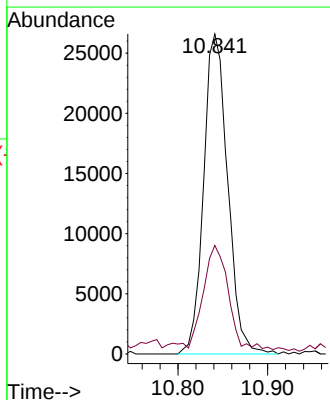
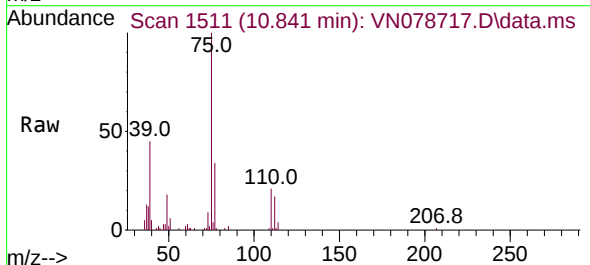
Manual Integrations
APPROVED

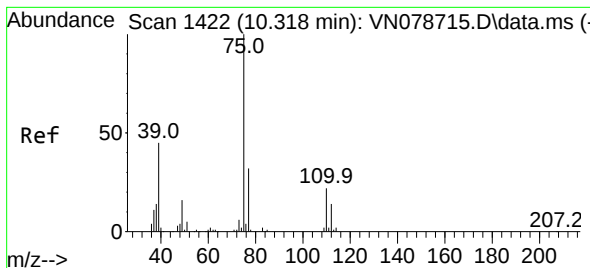
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#48
t-1,3-Dichloropropene
Concen: 5.866 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Tgt Ion: 75 Resp: 49478
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1





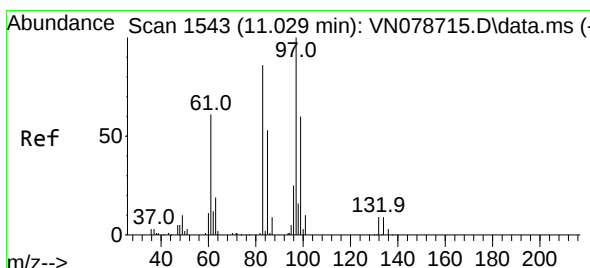
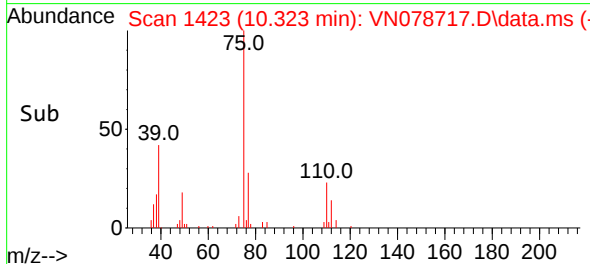
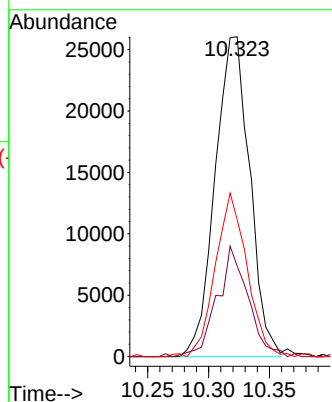
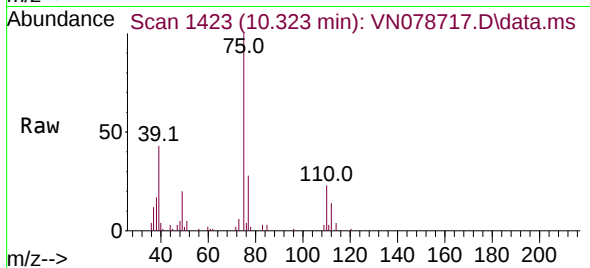
#49
 cis-1,3-Dichloropropene
 Concen: 5.773 ug/l
 RT: 10.323 min Scan# 1423
 Delta R.T. 0.005 min
 Lab File: VN078717.D
 Acq: 01 Aug 2023 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 75 Resp: 51592
 Ion Ratio Lower Upper
 75 100
 77 27.8 24.0 36.0
 39 42.1 35.1 52.7

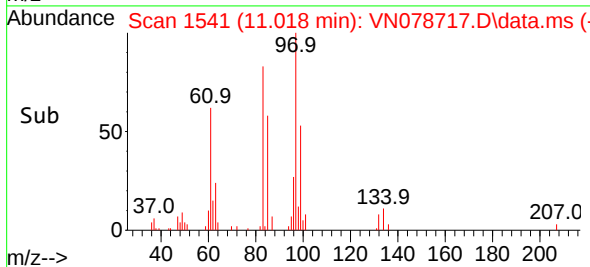
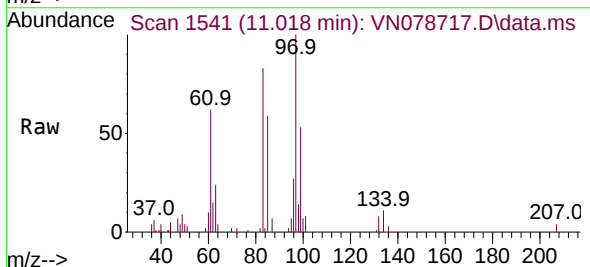
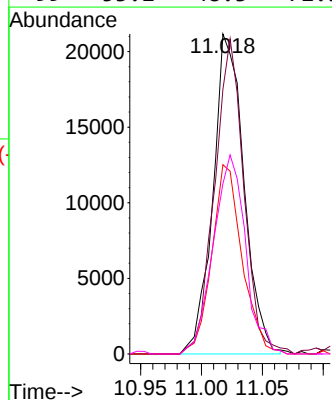
Manual Integrations
 APPROVED

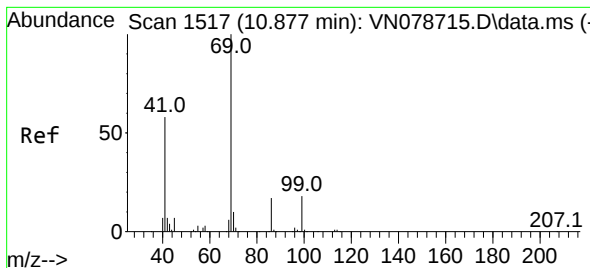
Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023



#50
 1,1,2-Trichloroethane
 Concen: 6.554 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.011 min
 Lab File: VN078717.D
 Acq: 01 Aug 2023 14:59

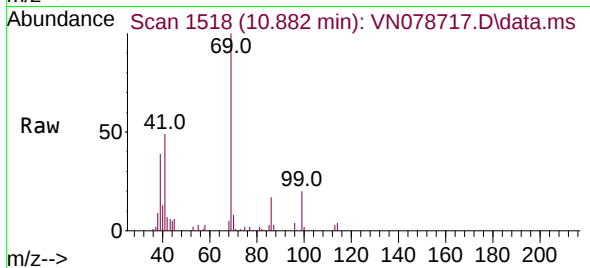
Tgt Ion: 97 Resp: 37394
 Ion Ratio Lower Upper
 97 100
 83 82.7 66.8 100.2
 85 59.1 42.5 63.7
 99 53.2 48.3 72.5





#51
Ethyl methacrylate
Concen: 5.680 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

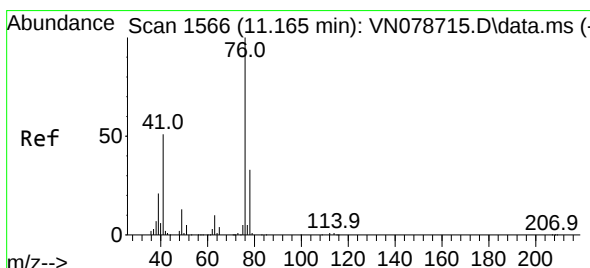
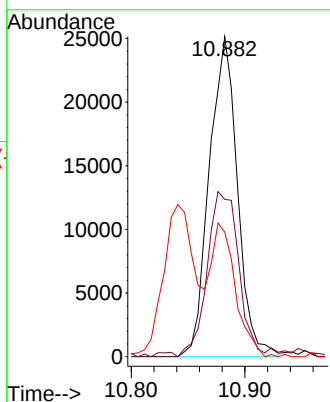
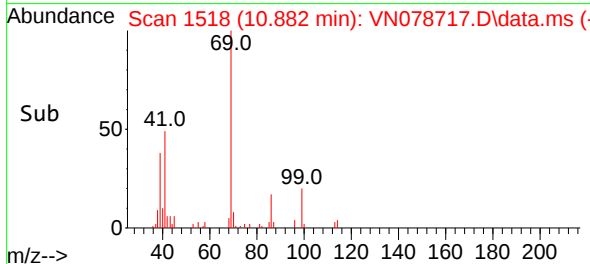
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



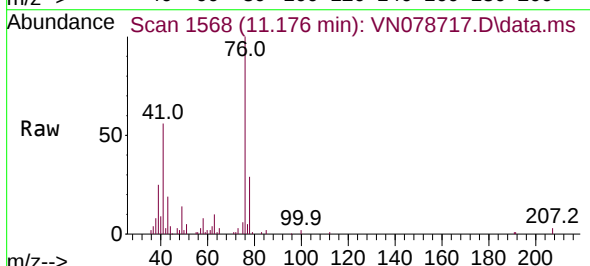
Tgt Ion: 69 Resp: 43334
Ion Ratio Lower Upper
69 100
41 49.2 26.0 78.0
39 38.9 16.3 48.9

Manual Integrations
APPROVED

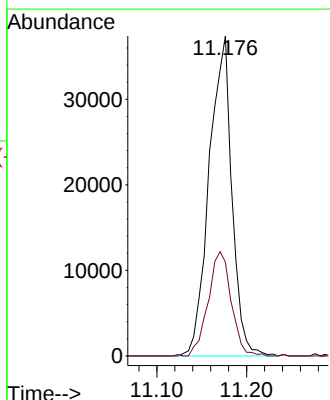
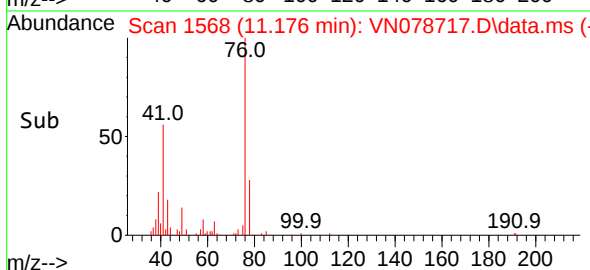
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

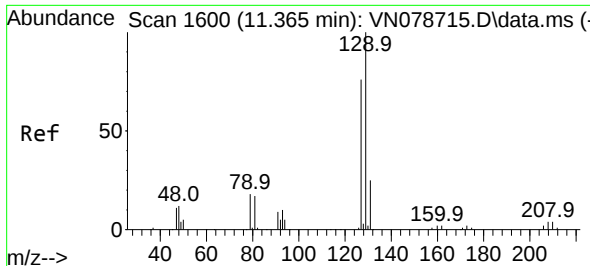


#52
1,3-Dichloropropane
Concen: 6.345 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.011 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59



Tgt Ion: 76 Resp: 65758
Ion Ratio Lower Upper
76 100
78 33.1 0.0 66.2





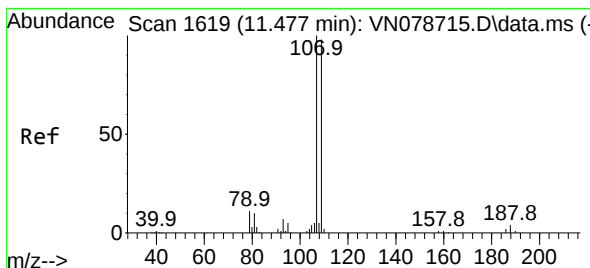
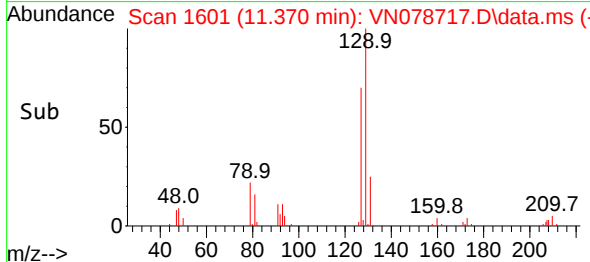
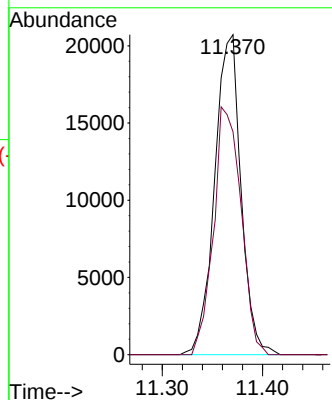
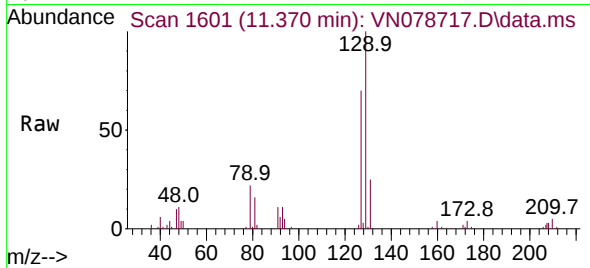
#53
Dibromochloromethane
Concen: 5.994 ug/l
RT: 11.370 min Scan# 1600
Delta R.T. 0.005 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 3780
Ion Ratio Lower Upper
129 100
127 80.6 39.4 118.1

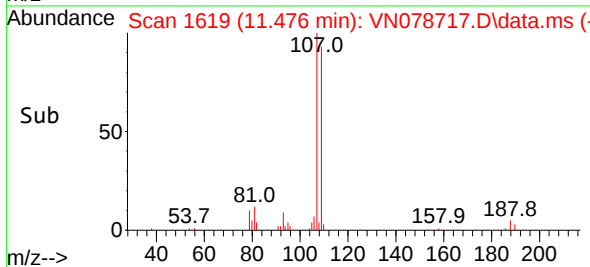
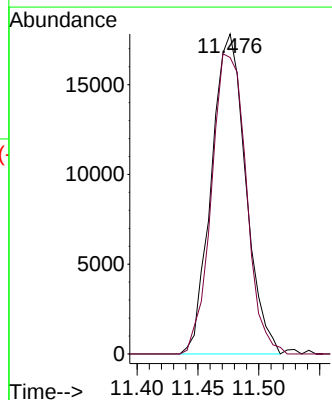
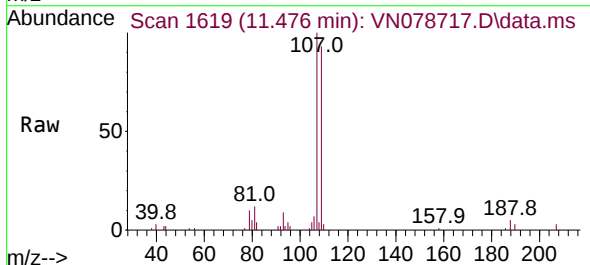
Manual Integrations
APPROVED

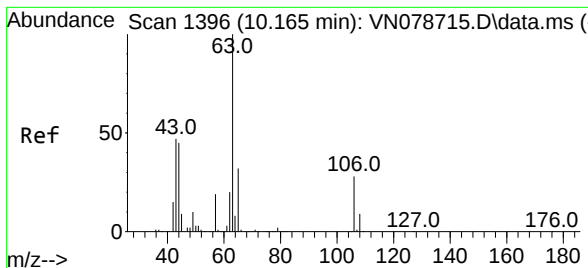
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#54
1,2-Dibromoethane
Concen: 6.205 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.001 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

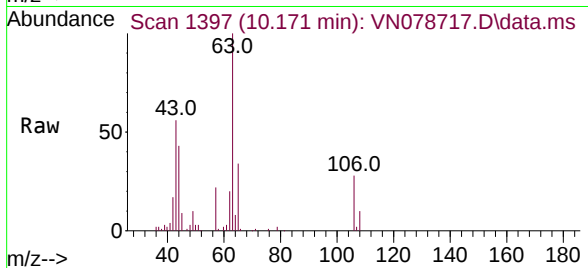
Tgt Ion:107 Resp: 34951
Ion Ratio Lower Upper
107 100
109 94.8 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 28.778 ug/l
RT: 10.171 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

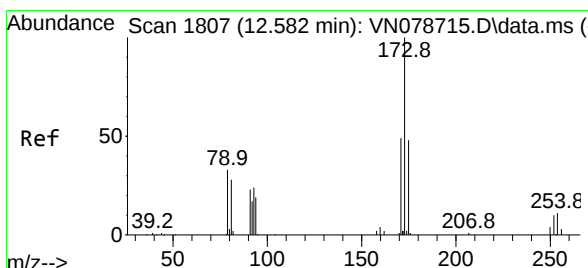
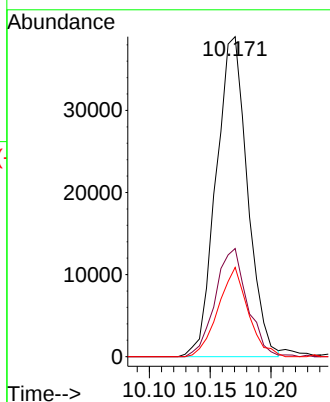
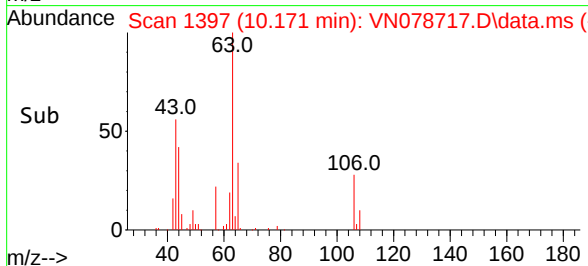
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 63 Resp: 6996
Ion Ratio Lower Upper
63 100
65 34.5 26.3 39.5
106 26.6 23.8 35.6

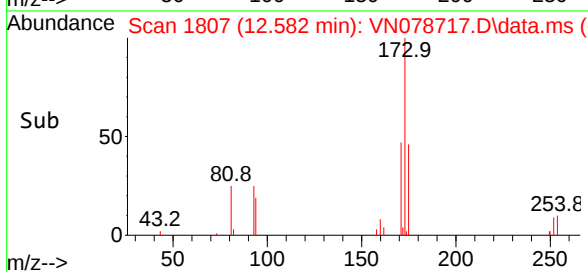
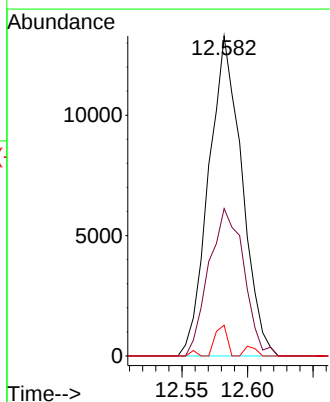
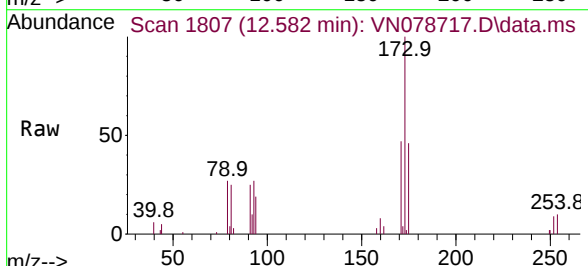
Manual Integrations
APPROVED

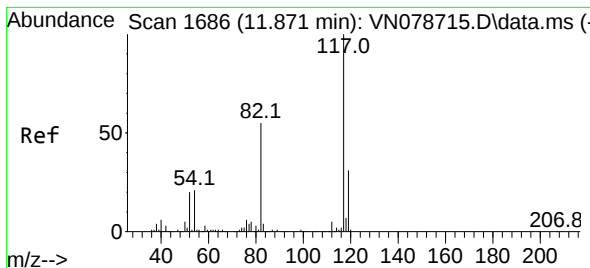
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#56
Bromoform
Concen: 5.877 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

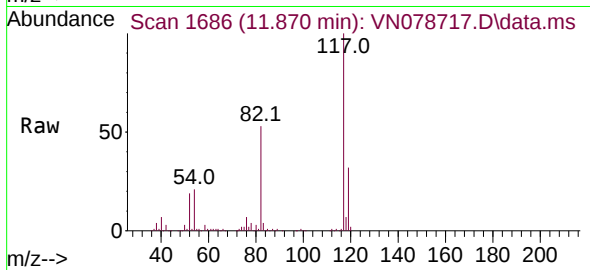
Tgt Ion:173 Resp: 23336
Ion Ratio Lower Upper
173 100
175 48.8 40.7 61.1
254 3.5 6.5 9.7#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1186
Delta R.T. -0.001 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

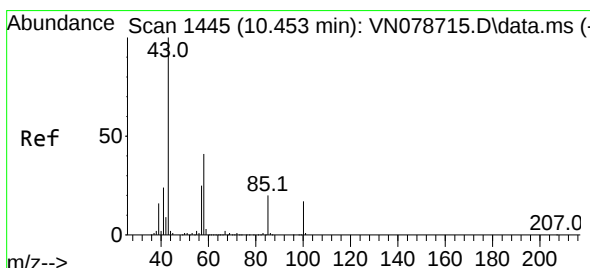
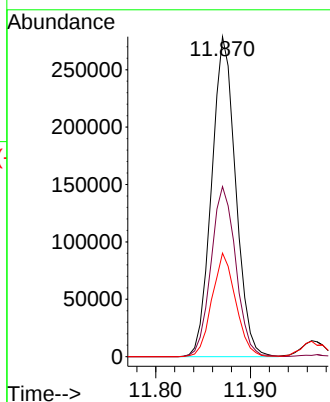
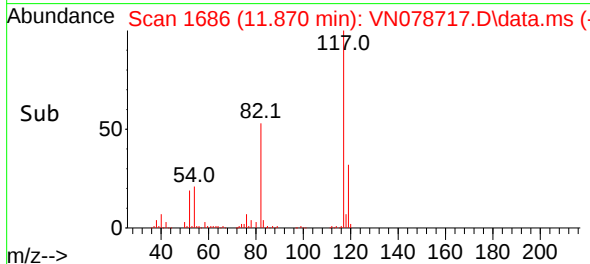
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 49096
Ion Ratio Lower Upper
117 100
82 54.8 43.9 65.9
119 32.0 26.2 39.4

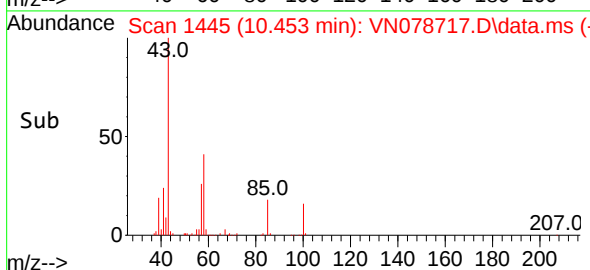
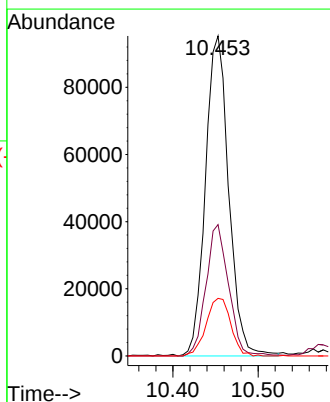
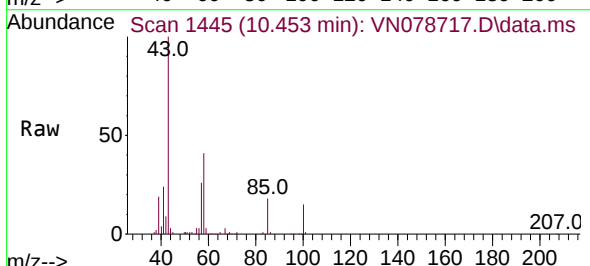
Manual Integrations
APPROVED

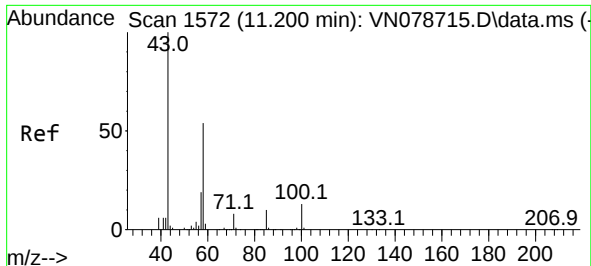
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#58
4-Methyl-2-Pentanone
Concen: 28.778 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

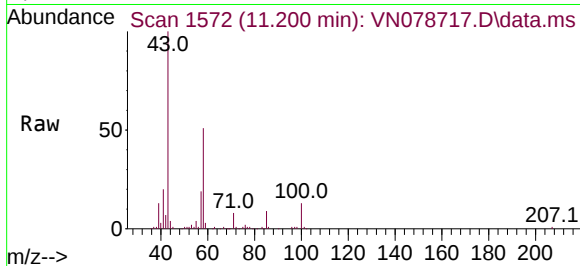
Tgt Ion: 43 Resp: 181250
Ion Ratio Lower Upper
43 100
58 39.4 32.6 48.8
85 19.0 16.2 24.2





#59
2-Hexanone
Concen: 29.703 ug/l
RT: 11.200 min Scan# 11200
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

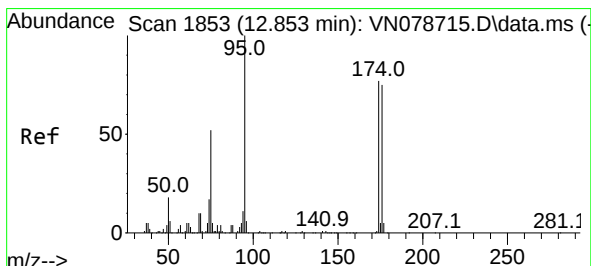
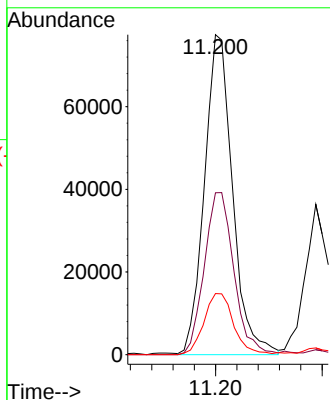
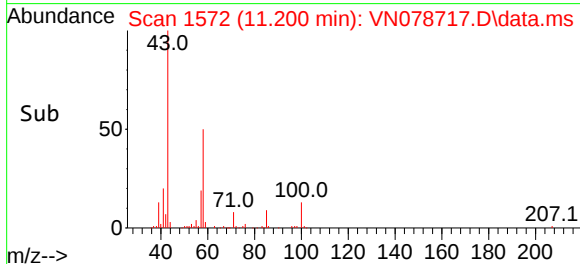
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



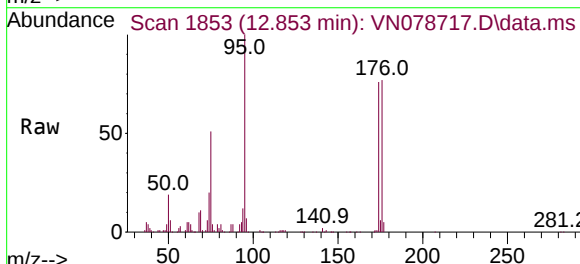
Tgt Ion: 43 Resp: 142000
Ion Ratio Lower Upper
43 100
58 53.2 45.9 68.9
57 20.1 15.8 23.6

Manual Integrations
APPROVED

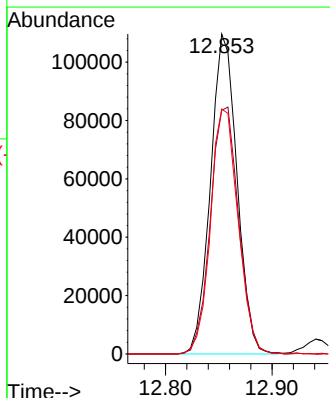
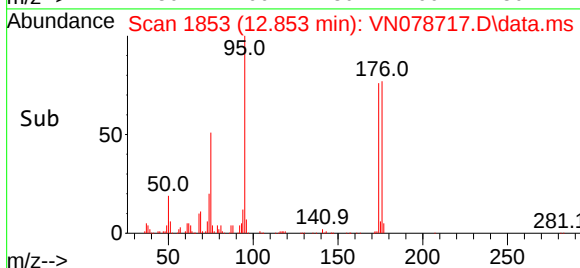
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

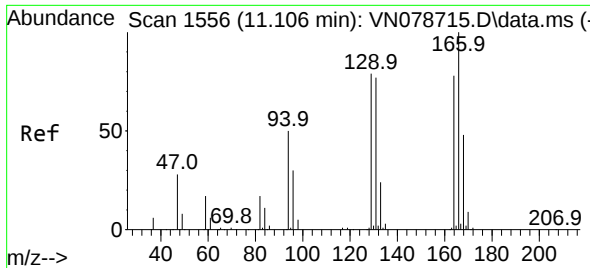


#60
4-Bromofluorobenzene
Concen: 26.796 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59



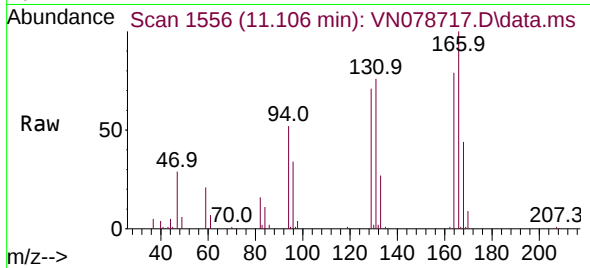
Tgt Ion: 95 Resp: 189544
Ion Ratio Lower Upper
95 100
174 82.0 61.7 92.5
176 79.5 58.1 87.1





#61
Tetrachloroethene
Concen: 5.863 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

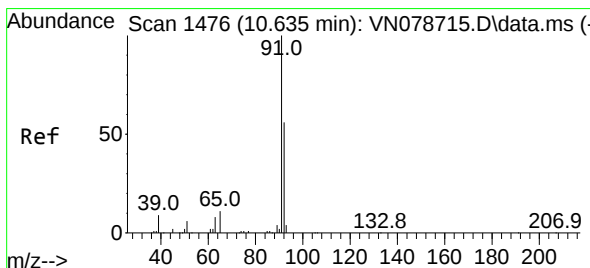
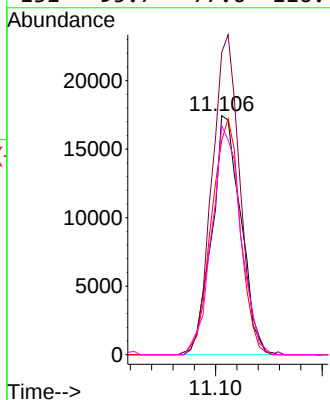
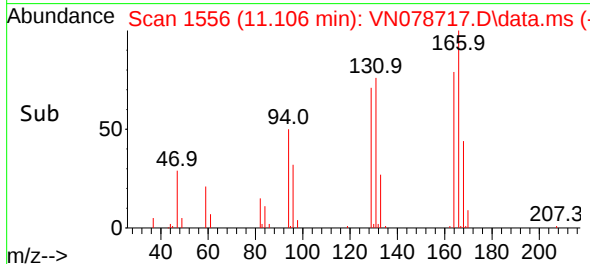
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:164 Resp: 3291
Ion Ratio Lower Upper
164 100
166 126.5 99.1 148.7
129 89.7 85.6 128.4
131 95.7 77.6 116.4

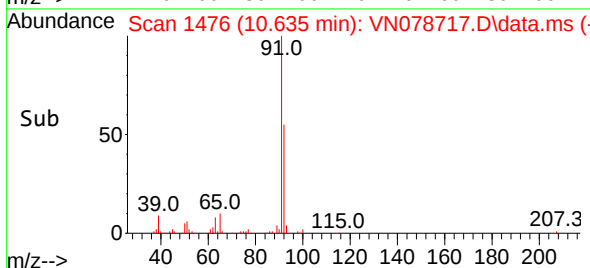
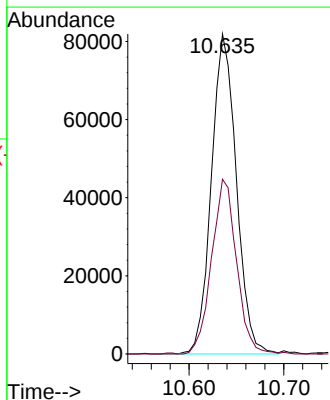
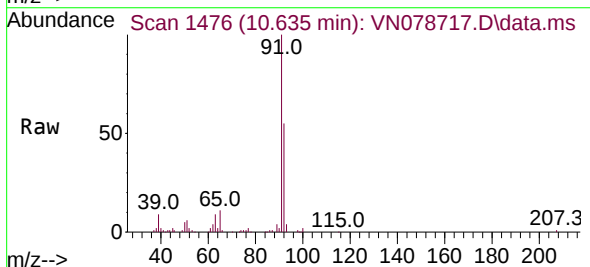
Manual Integrations
APPROVED

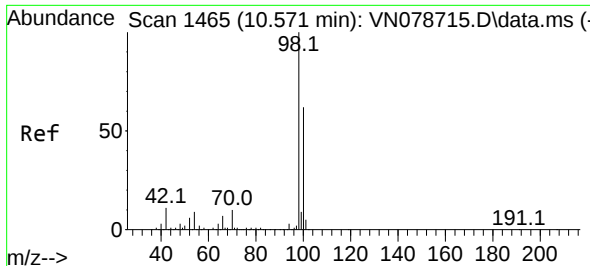
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#62
Toluene
Concen: 5.949 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

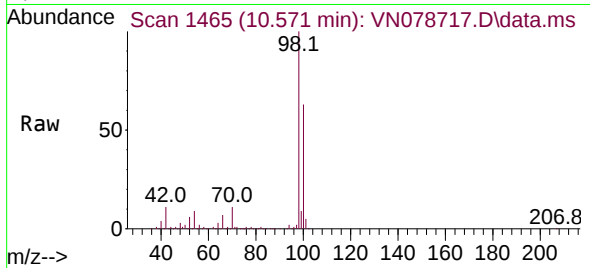
Tgt Ion: 91 Resp: 149898
Ion Ratio Lower Upper
91 100
92 54.5 45.2 67.8





#63
Toluene-d8
Concen: 29.981 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

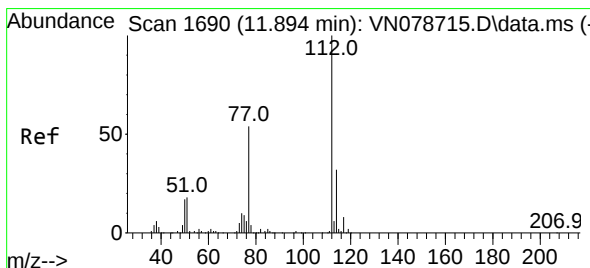
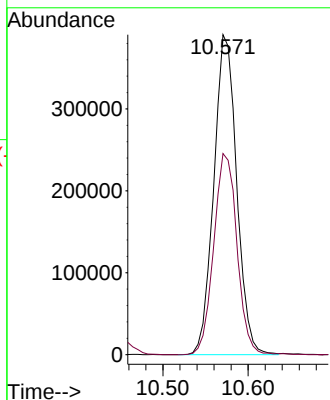
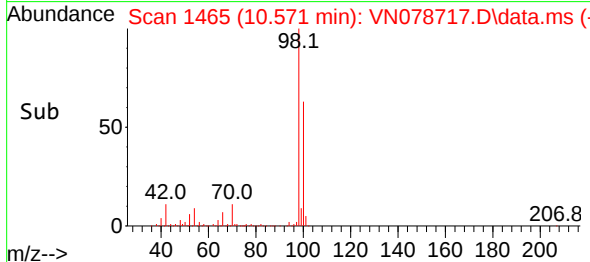
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 98 Resp: 728974
Ion Ratio Lower Upper
98 100
100 63.6 49.7 74.5

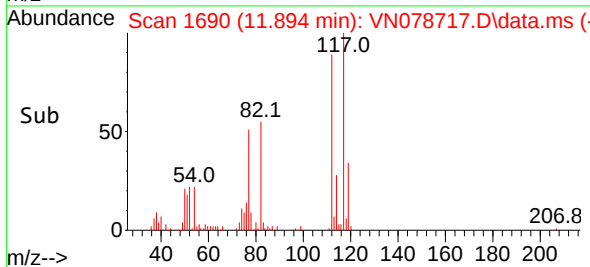
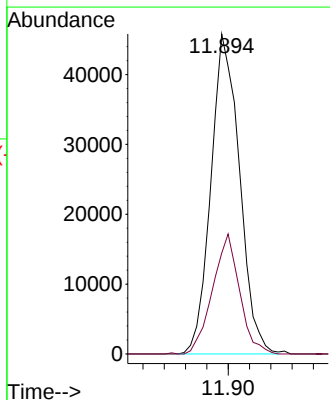
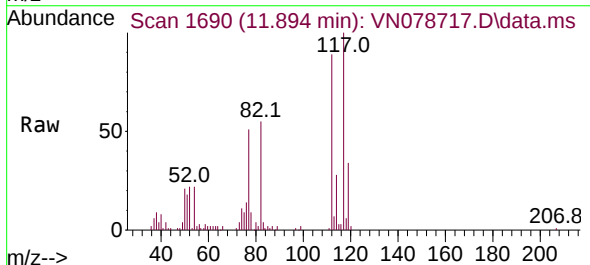
Manual Integrations
APPROVED

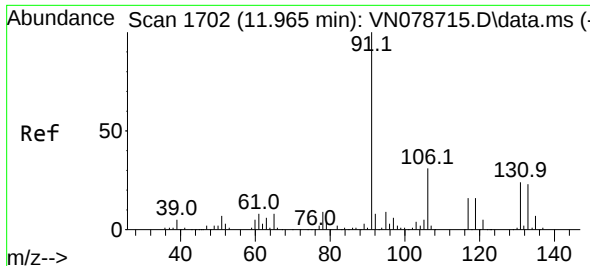
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#64
Chlorobenzene
Concen: 5.861 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Tgt Ion:112 Resp: 85383
Ion Ratio Lower Upper
112 100
114 31.5 25.9 38.9





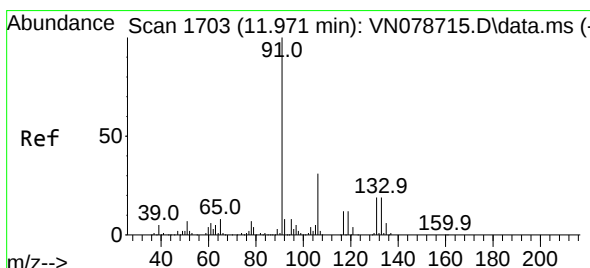
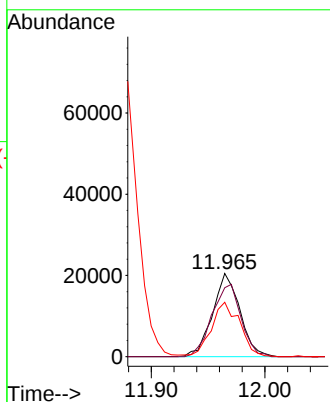
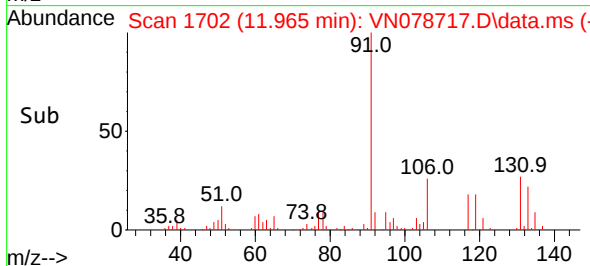
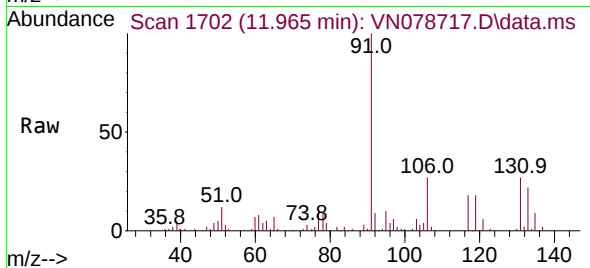
#65
1,1,1,2-Tetrachloroethane
Concen: 5.946 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:131 Resp: 3439
Ion Ratio Lower Upper
131 100
133 91.7 0.0 191.8
119 67.7 0.0 132.0

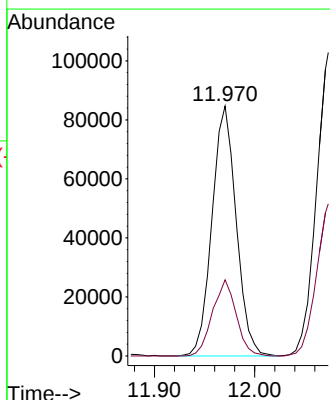
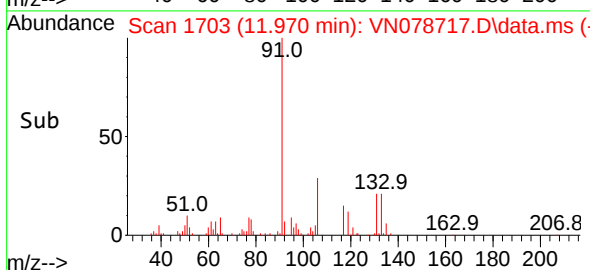
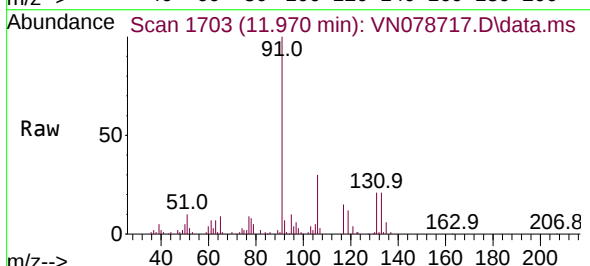
Manual Integrations
APPROVED

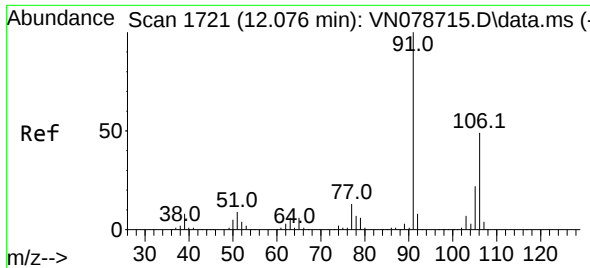
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#66
Ethyl Benzene
Concen: 5.709 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Tgt Ion: 91 Resp: 142210
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4





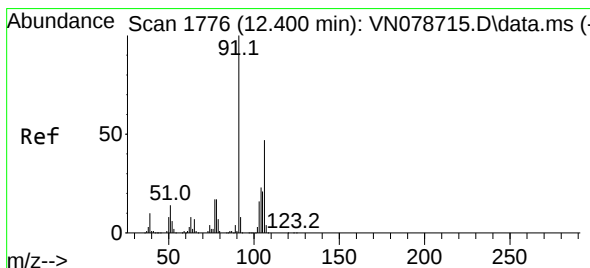
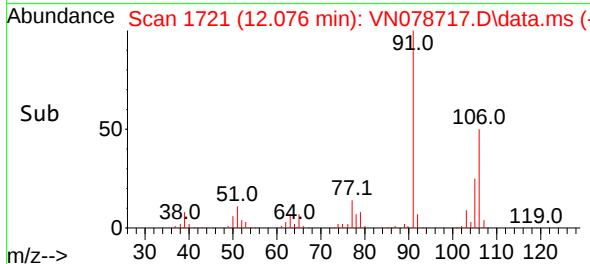
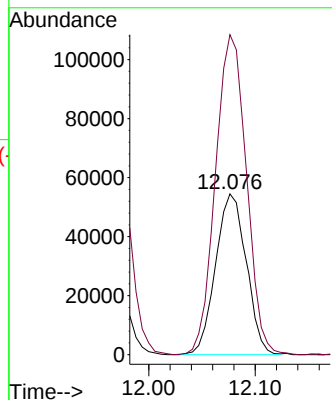
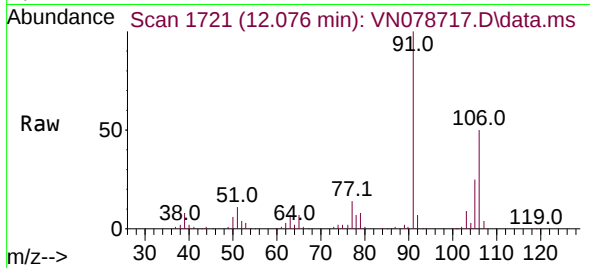
#67
m/p-Xylenes
Concen: 11.503 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 10906
Ion Ratio Lower Upper
106 100
91 200.7 162.5 243.7

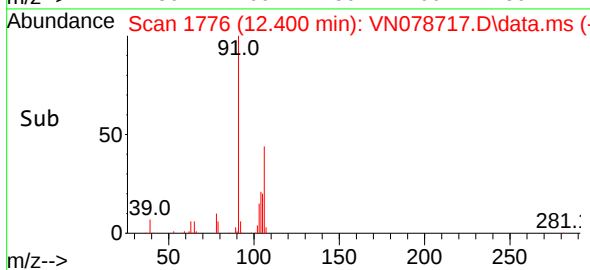
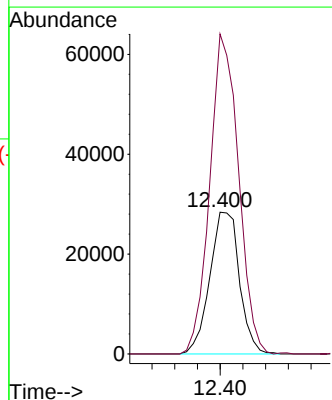
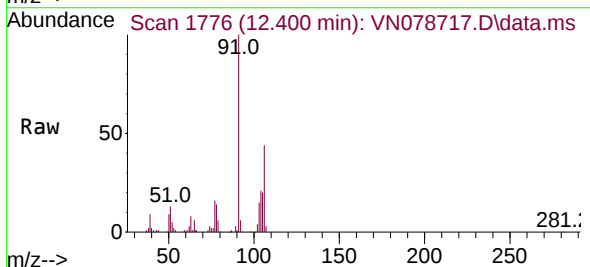
Manual Integrations
APPROVED

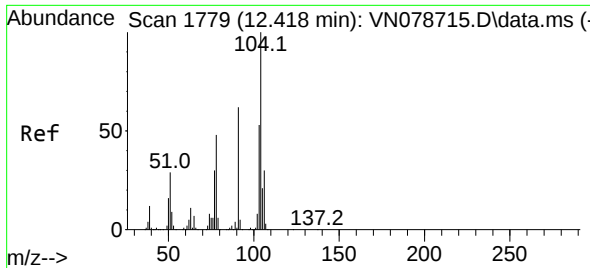
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#68
o-Xylene
Concen: 5.432 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

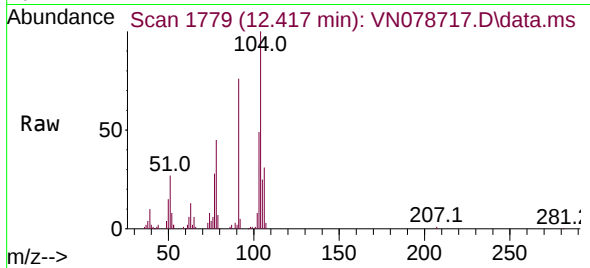
Tgt Ion:106 Resp: 51467
Ion Ratio Lower Upper
106 100
91 219.0 106.1 318.3





#69
Styrene
Concen: 5.007 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

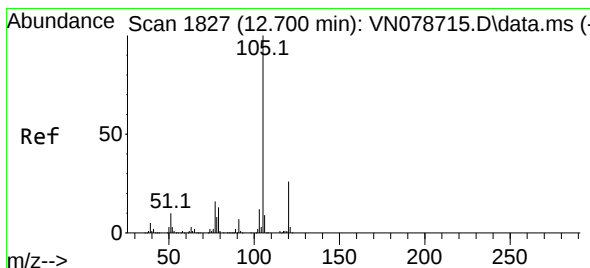
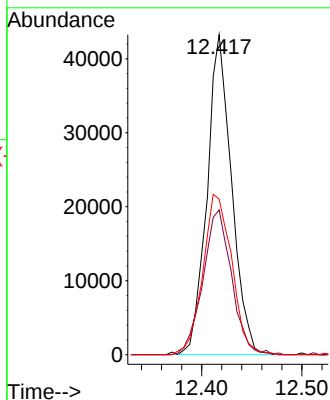
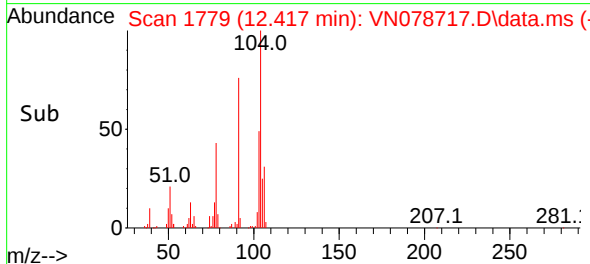
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



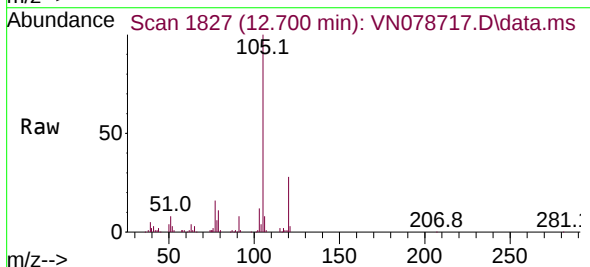
Tgt Ion:104 Resp: 7385
Ion Ratio Lower Upper
104 100
78 52.0 40.1 60.1
103 58.7 45.1 67.7

Manual Integrations
APPROVED

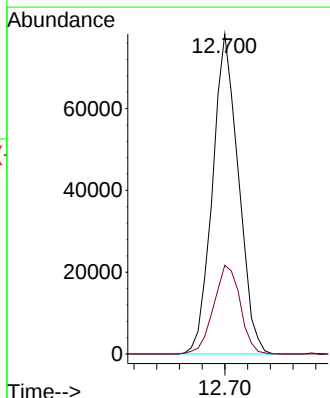
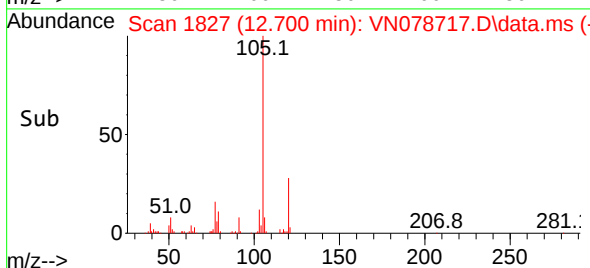
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

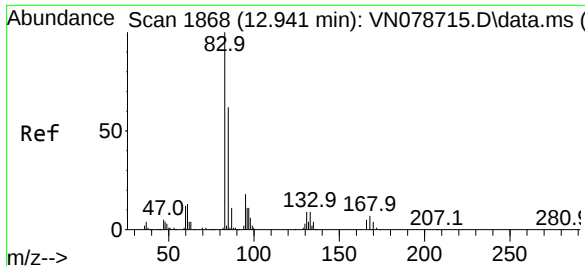


#70
Isopropylbenzene
Concen: 5.274 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59



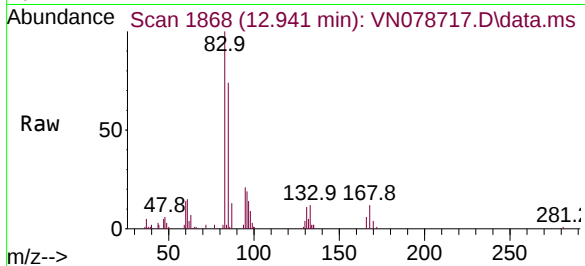
Tgt Ion:105 Resp: 124225
Ion Ratio Lower Upper
105 100
120 28.3 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 5.823 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

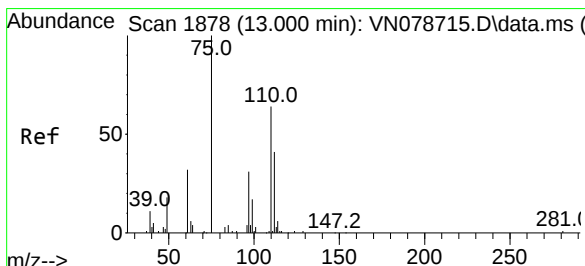
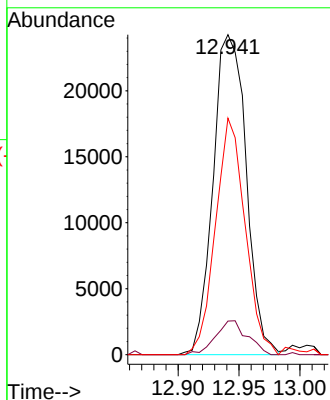
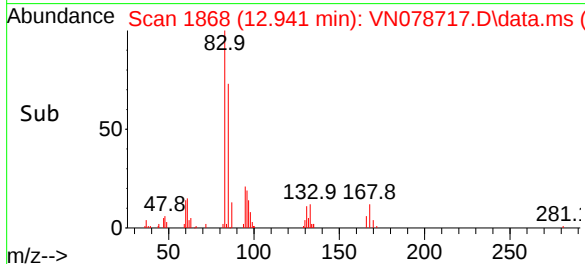
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



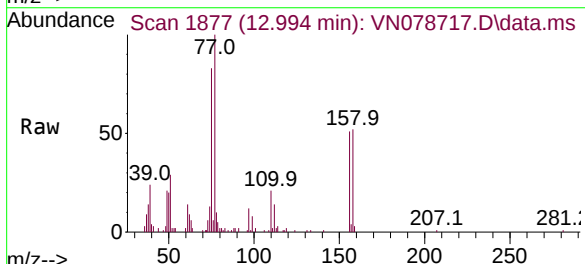
Tgt Ion: 83 Resp: 4591
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.4
85 66.1 32.6 98.0

Manual Integrations
APPROVED

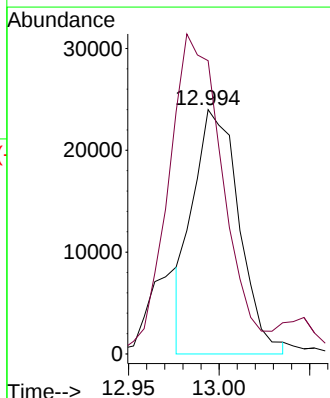
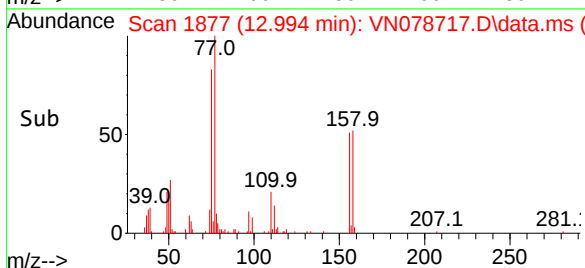
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

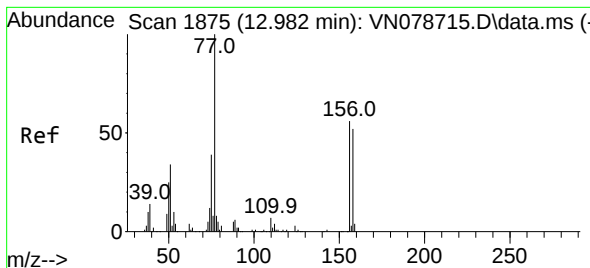


#72
1,2,3-Trichloropropane
Concen: 5.717 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59



Tgt Ion: 75 Resp: 42726
Ion Ratio Lower Upper
75 100
77 155.6 0.0 387.4





#73

Bromobenzene

Concen: 5.528 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VN078717.D

Acq: 01 Aug 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

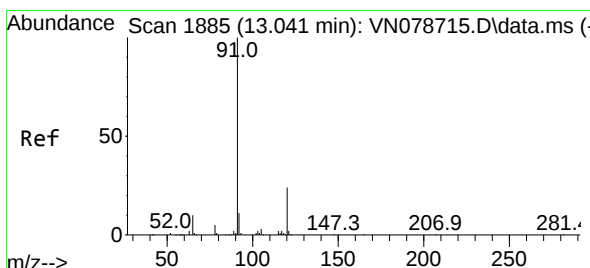
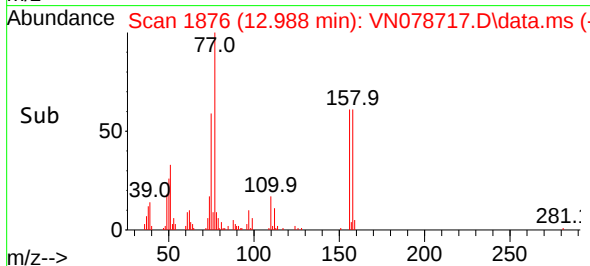
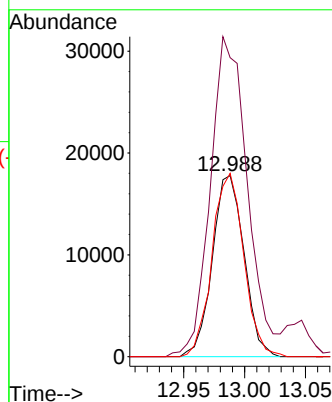
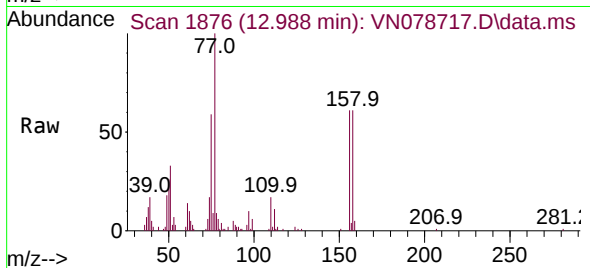
Tgt Ion:	156	Resp:	32210
Ion Ratio	Lower	Upper	
156	100		
77	206.4	0.0	420.8
158	101.1	0.0	193.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#74

n-propylbenzene

Concen: 5.488 ug/l

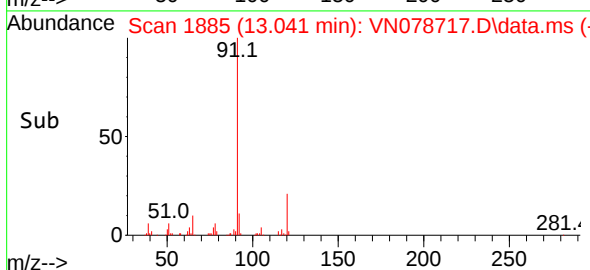
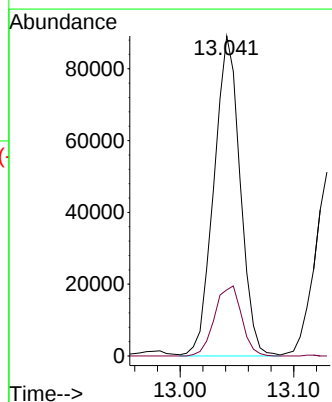
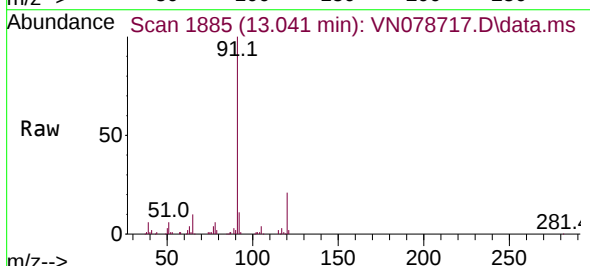
RT: 13.041 min Scan# 1885

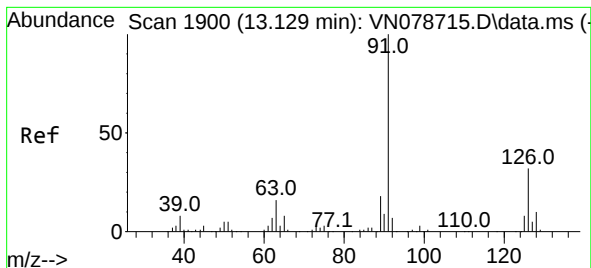
Delta R.T. -0.000 min

Lab File: VN078717.D

Acq: 01 Aug 2023 14:59

Tgt Ion:	91	Resp:	143012
Ion Ratio	Lower	Upper	
91	100		
120	22.5	0.0	44.6





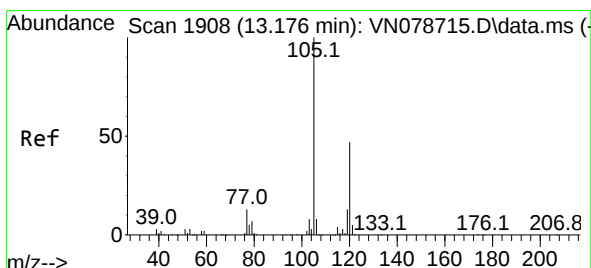
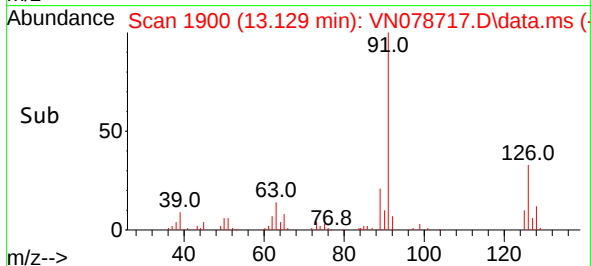
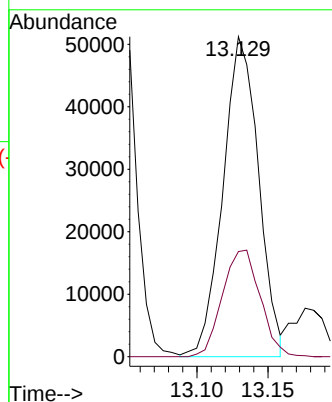
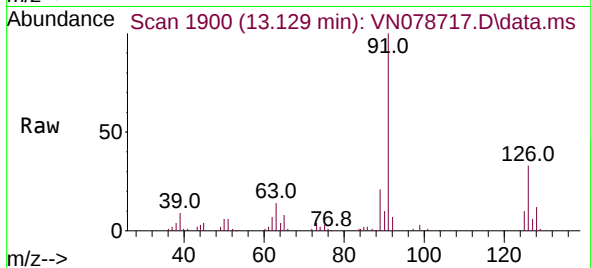
#75
2-Chlorotoluene
Concen: 5.387 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 8925
Ion Ratio Lower Upper
91 100
126 35.4 0.0 67.2

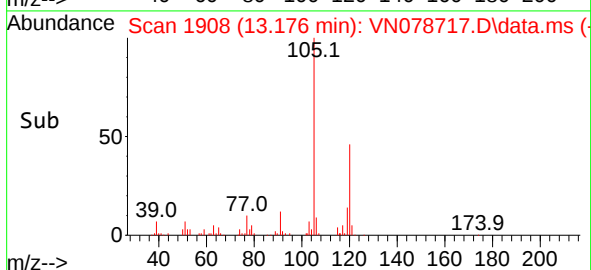
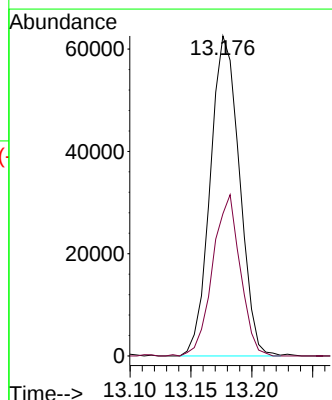
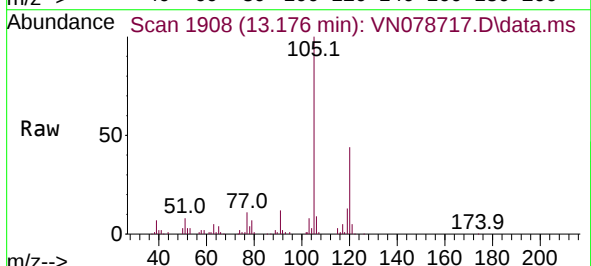
Manual Integrations
APPROVED

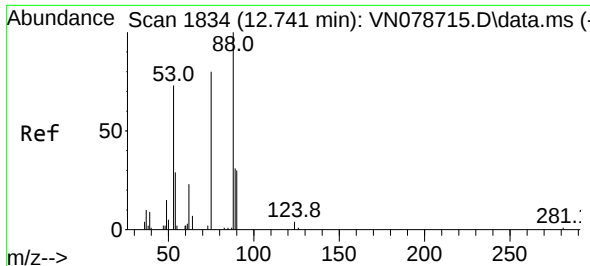
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#76
1,3,5-Trimethylbenzene
Concen: 5.393 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

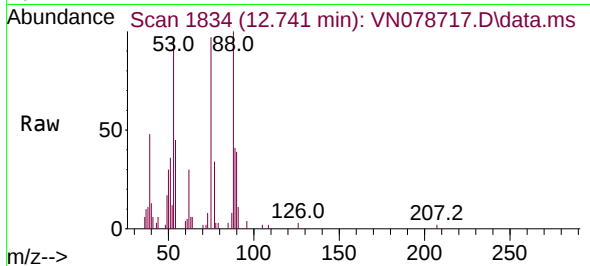
Tgt Ion:105 Resp: 104509
Ion Ratio Lower Upper
105 100
120 47.4 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 5.272 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

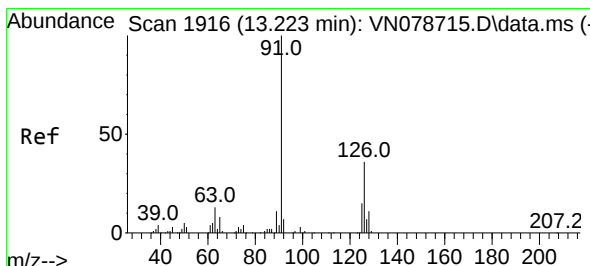
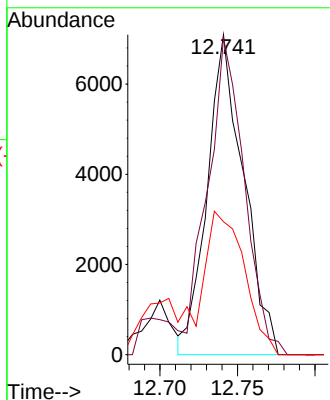
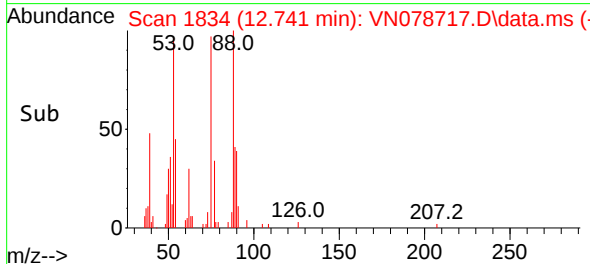
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 1155
Ion Ratio Lower Upper
75 100
53 94.8 41.6 124.9
89 41.6 25.1 75.4

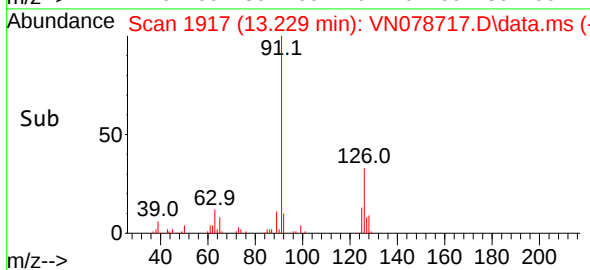
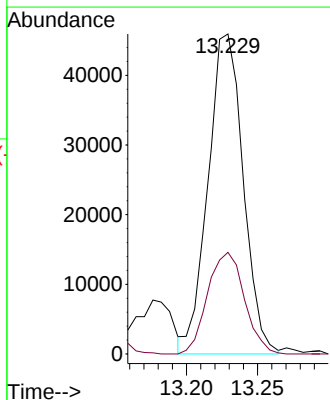
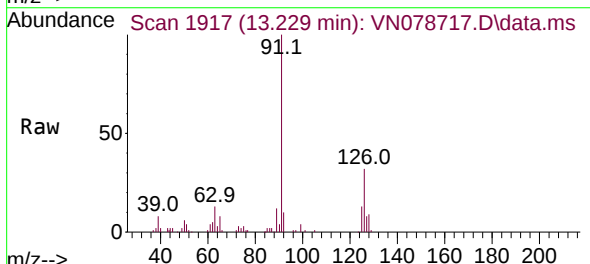
Manual Integrations
APPROVED

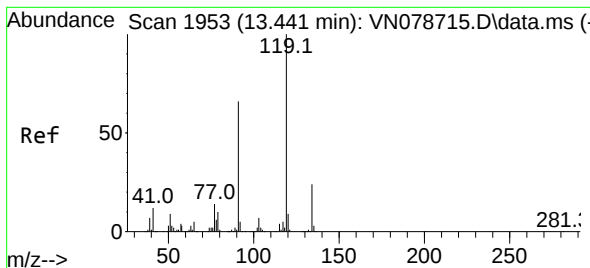
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#78
4-Chlorotoluene
Concen: 4.980 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

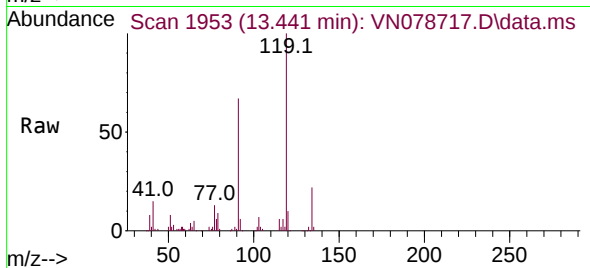
Tgt Ion: 91 Resp: 79100
Ion Ratio Lower Upper
91 100
126 33.3 0.0 68.8





#79
tert-butylbenzene
Concen: 5.666 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

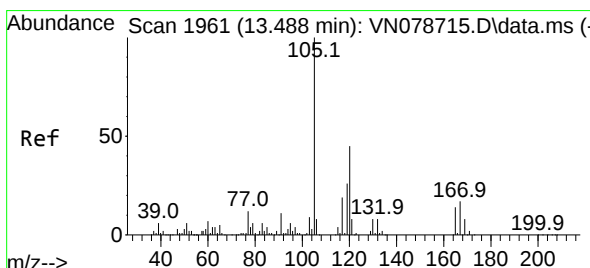
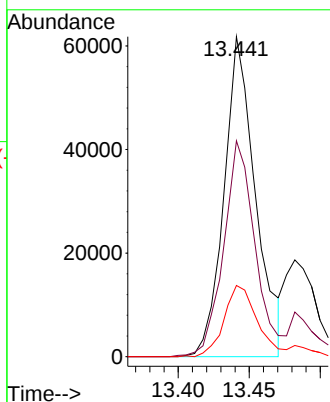
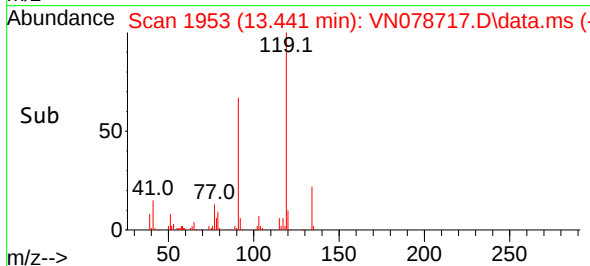
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



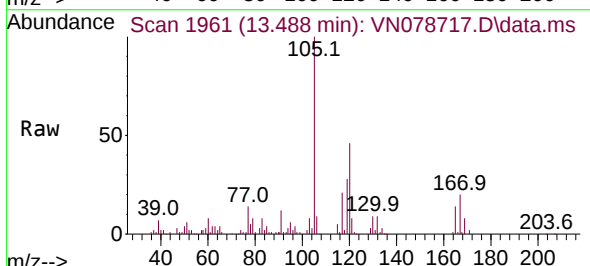
Tgt Ion:119 Resp: 95399
Ion Ratio Lower Upper
119 100
91 68.2 0.0 126.6
134 23.5 0.0 44.0

Manual Integrations
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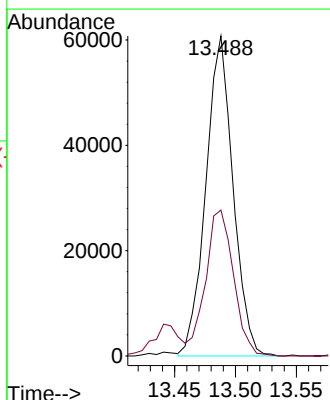
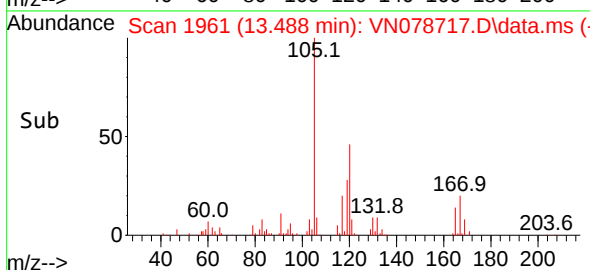
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

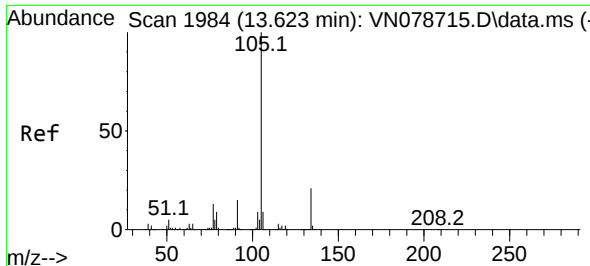


#80
1,2,4-Trimethylbenzene
Concen: 5.140 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59



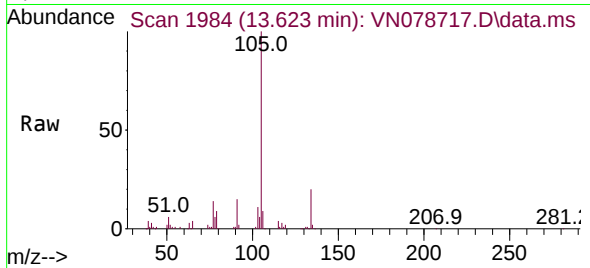
Tgt Ion:105 Resp: 94571
Ion Ratio Lower Upper
105 100
120 46.9 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 5.103 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078717.D
 Acq: 01 Aug 2023 14:59

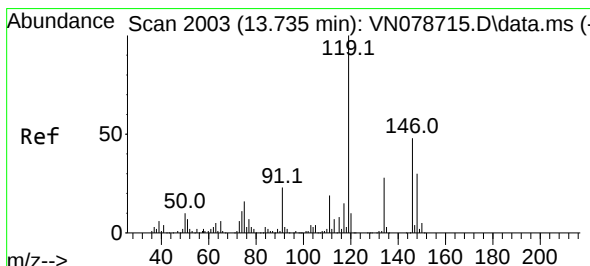
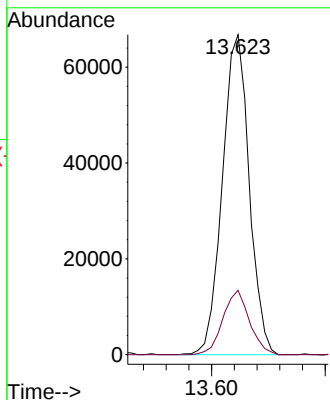
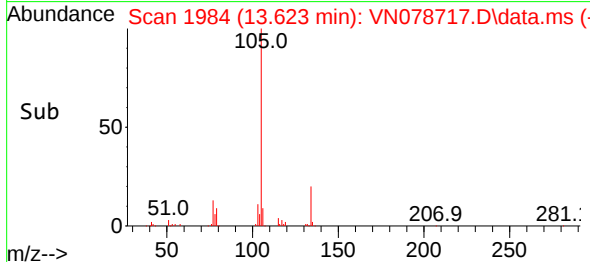
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



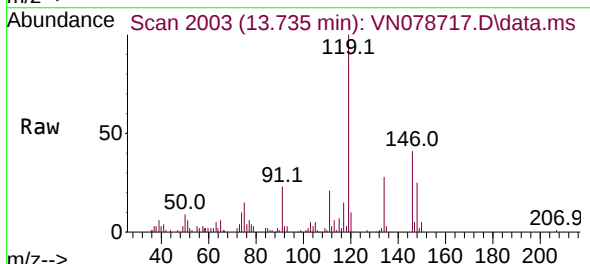
Tgt Ion:105 Resp: 109420
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 38.6

Manual Integrations
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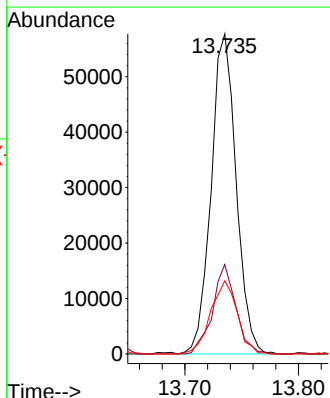
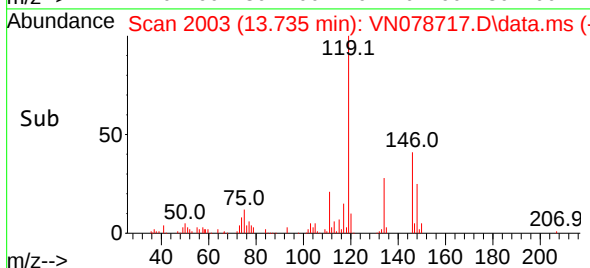
Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023

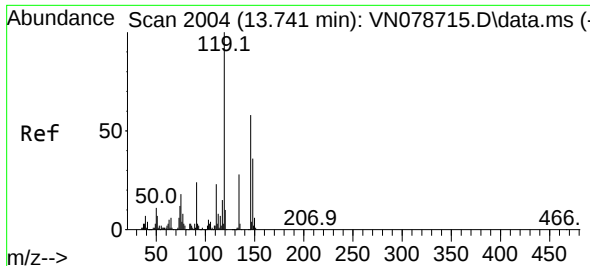


#82
 p-Isopropyltoluene
 Concen: 5.057 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078717.D
 Acq: 01 Aug 2023 14:59



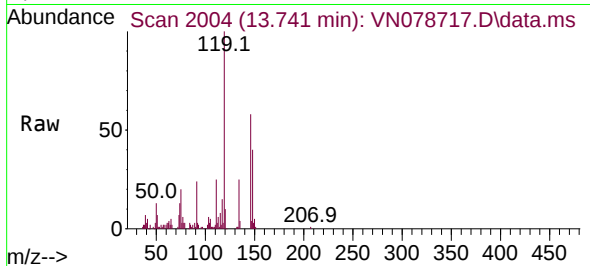
Tgt Ion:119 Resp: 88450
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.4
 91 24.2 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 4.837 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

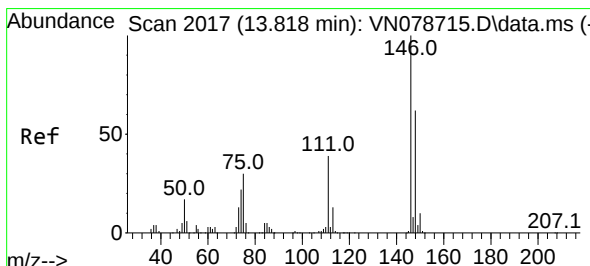
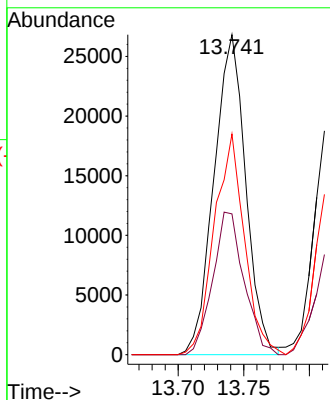
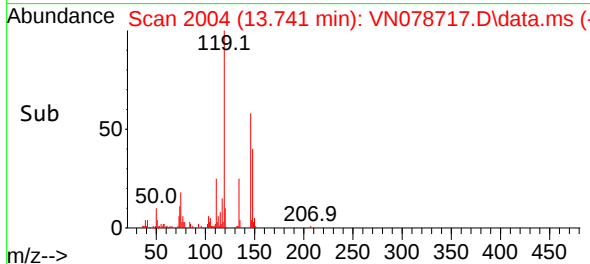
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:146 Resp: 45152
Ion Ratio Lower Upper
146 100
111 43.9 21.6 64.6
148 65.4 31.9 95.5

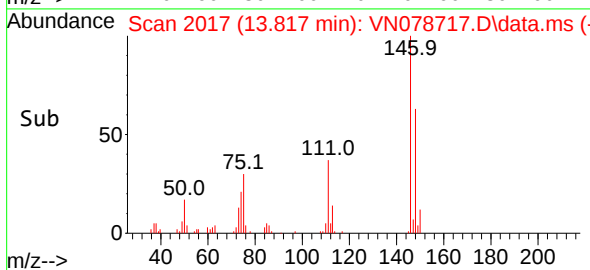
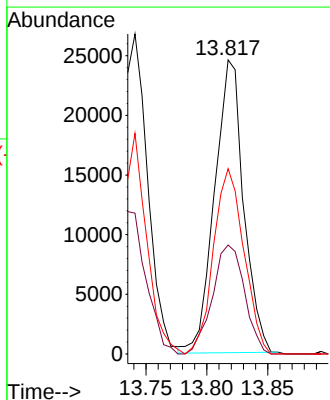
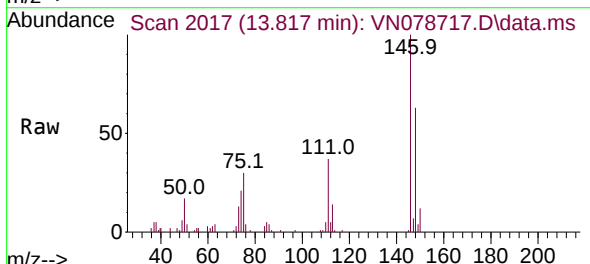
Manual Integrations
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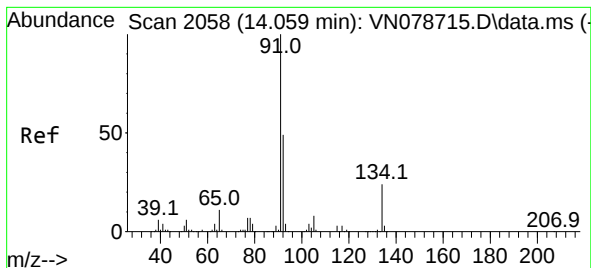
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#84
1,4-Dichlorobenzene
Concen: 4.709 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

Tgt Ion:146 Resp: 40769
Ion Ratio Lower Upper
146 100
111 41.0 19.4 58.2
148 66.1 31.4 94.3





#85

n-Butylbenzene

Concen: 5.217 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078717.D

Acq: 01 Aug 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

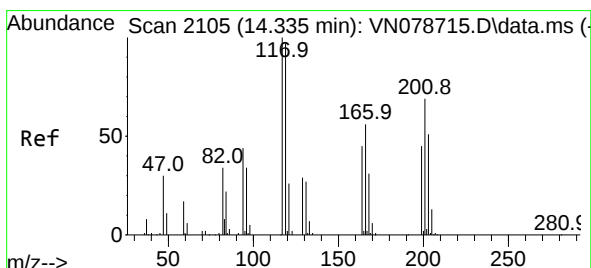
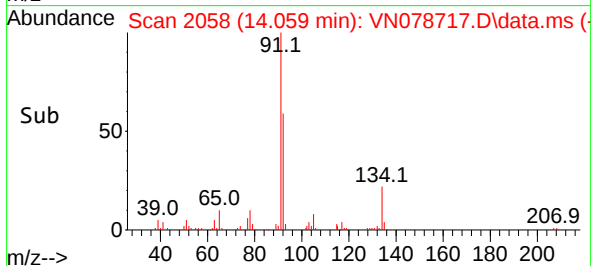
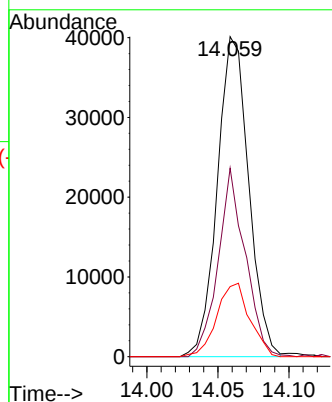
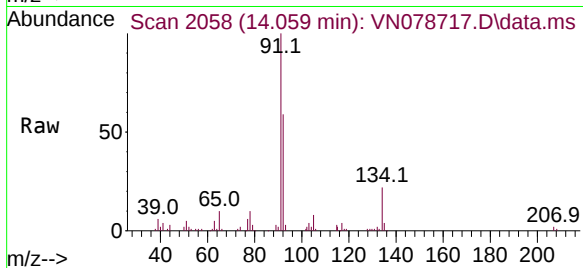
Tgt Ion:	91	Resp:	61700
Ion Ratio	Lower	Upper	
91	100		
92	50.8	0.0	99.6
134	24.1	0.0	50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#86

Hexachloroethane

Concen: 6.121 ug/l

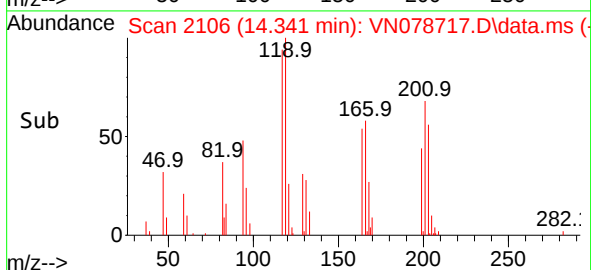
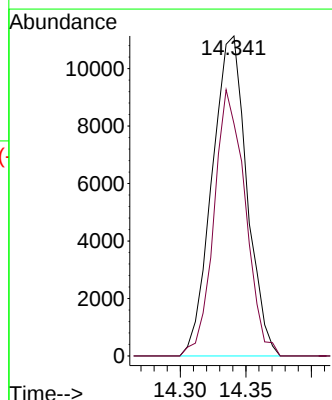
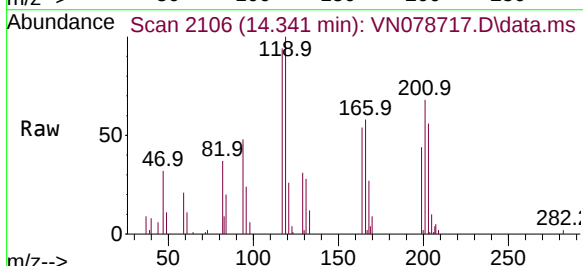
RT: 14.341 min Scan# 2106

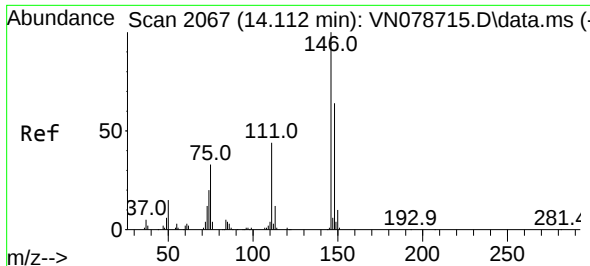
Delta R.T. 0.006 min

Lab File: VN078717.D

Acq: 01 Aug 2023 14:59

Tgt Ion:	117	Resp:	20581
Ion Ratio	Lower	Upper	
117	100		
201	74.5	34.2	102.6





#87

1,2-Dichlorobenzene

Concen: 5.286 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

Lab File: VN078717.D

Acq: 01 Aug 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

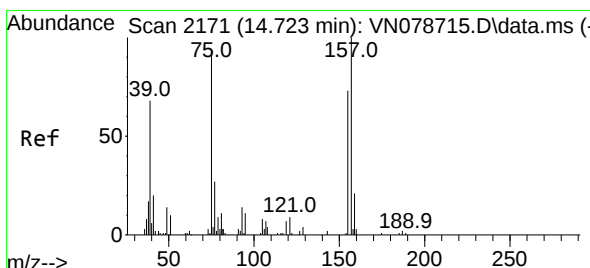
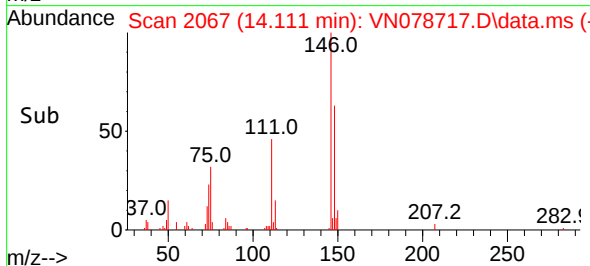
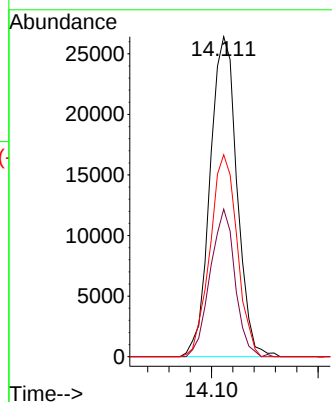
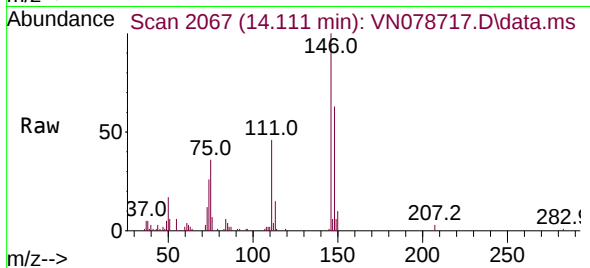
Tgt Ion:	146	Resp:	4633
Ion	Ratio	Lower	Upper
146	100		
111	42.4	22.4	67.3
148	63.6	33.4	100.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 5.817 ug/l

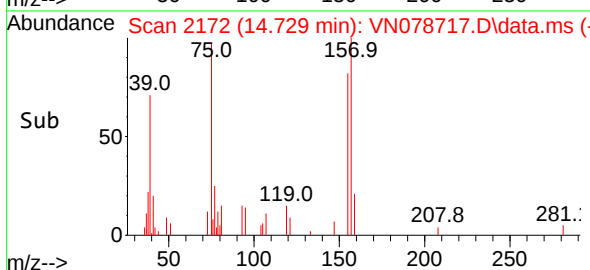
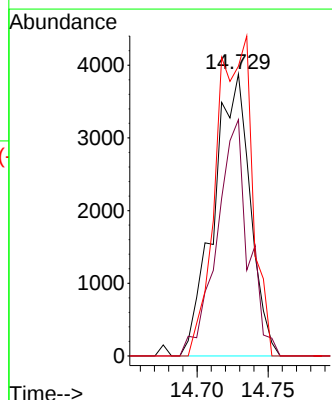
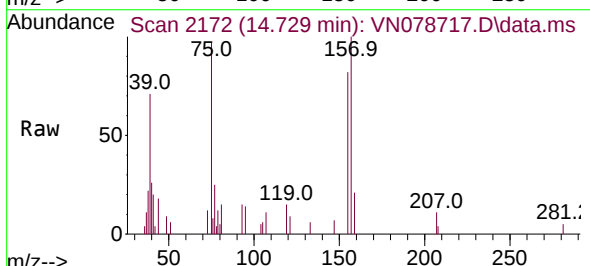
RT: 14.729 min Scan# 2172

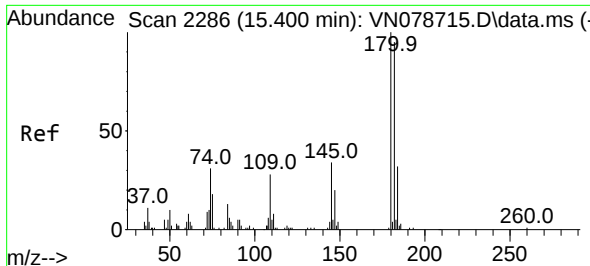
Delta R.T. 0.006 min

Lab File: VN078717.D

Acq: 01 Aug 2023 14:59

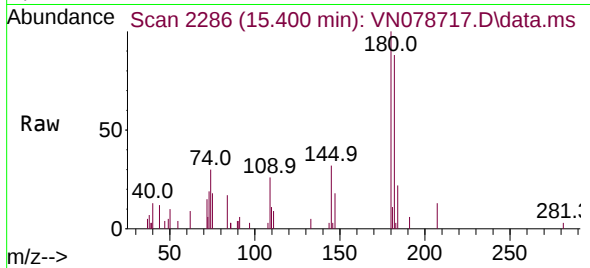
Tgt Ion:	75	Resp:	6943
Ion	Ratio	Lower	Upper
75	100		
155	72.2	68.2	102.2
157	55.0	84.7	127.1





#89
1,2,4-Trichlorobenzene
Concen: 4.168 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

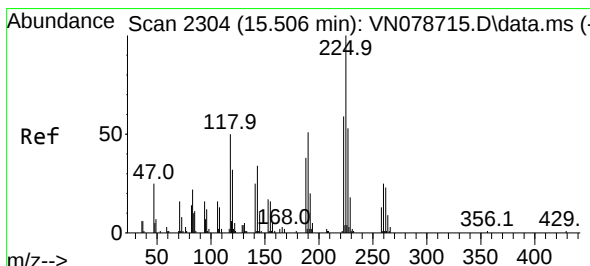
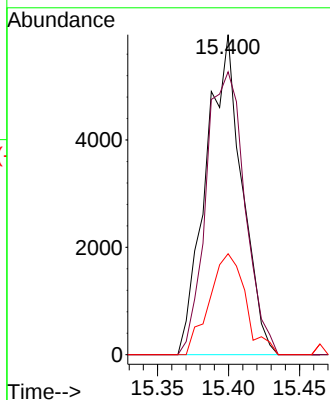
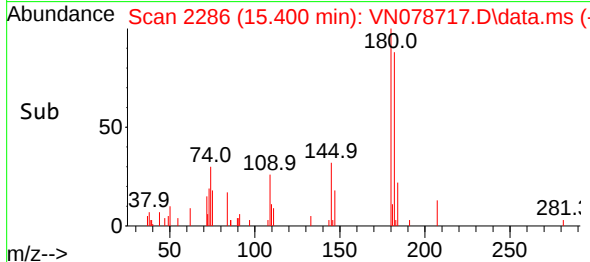
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:180 Resp: 1053
Ion Ratio Lower Upper
180 100
182 95.1 73.7 110.5
145 29.8 25.0 37.6

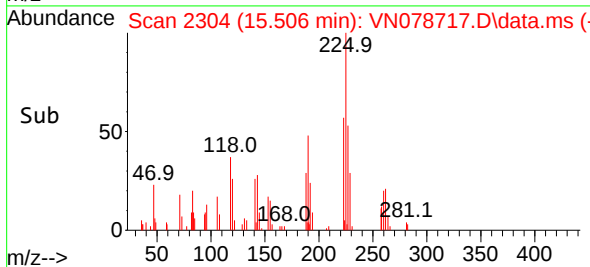
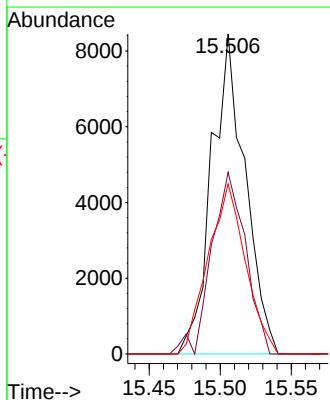
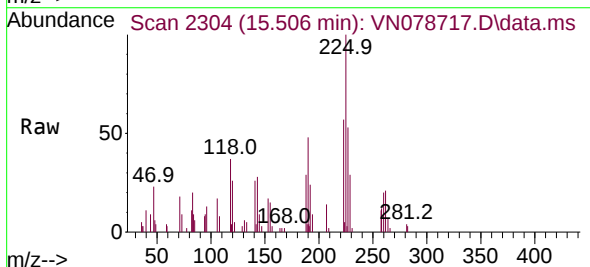
Manual Integrations
APPROVED

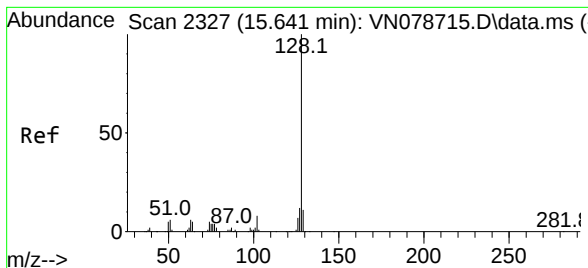
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#90
Hexachlorobutadiene
Concen: 6.394 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

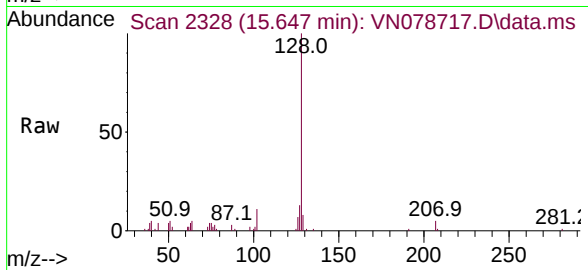
Tgt Ion:225 Resp: 13844
Ion Ratio Lower Upper
225 100
223 55.9 0.0 130.0
227 59.3 0.0 124.0





#91
Naphthalene
Concen: 4.646 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59

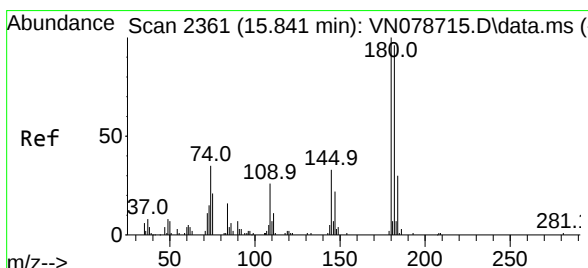
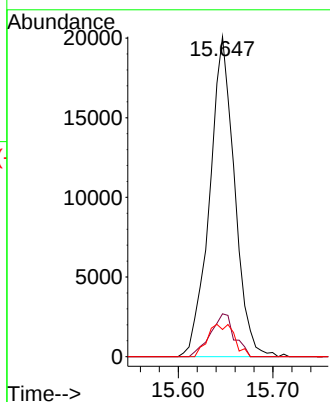
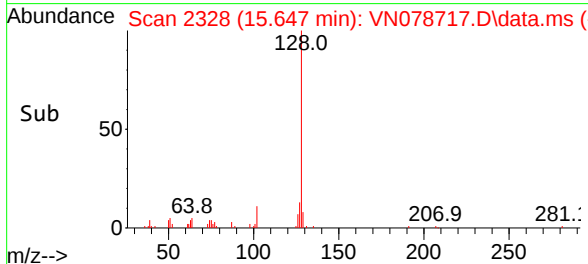
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



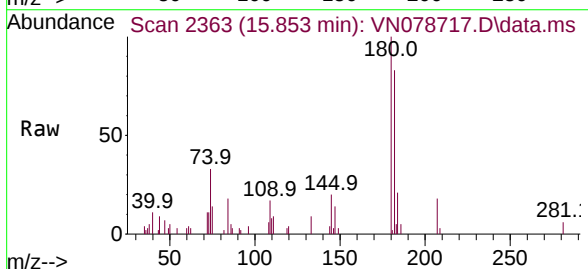
Tgt Ion:128 Resp: 36804
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 6.6 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#92
1,2,3-Trichlorobenzene
Concen: 4.521 ug/l
RT: 15.853 min Scan# 2363
Delta R.T. 0.012 min
Lab File: VN078717.D
Acq: 01 Aug 2023 14:59



Tgt Ion:180 Resp: 13737
Ion Ratio Lower Upper
180 100
182 97.6 0.0 196.4
145 29.6 0.0 71.0

