

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072722\
 Data File : VN073599.D
 Acq On : 27 Jul 2022 11:30
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

Quant Time: Jul 27 13:09:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 13:09:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.581	128	53440	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.898	114	276528	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	256878	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	141528	27.982	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	93.267%	
60) 4-Bromofluorobenzene	12.674	95	126181	25.958	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	86.533%	
63) Toluene-d8	10.380	98	452326	32.102	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	107.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	18359	4.538	ug/l	100
3) Chloromethane	2.269	50	25412	6.052	ug/l	96
4) Vinyl Chloride	2.405	62	30874	7.669	ug/l	99
5) Bromomethane	2.804	94	17564	11.139	ug/l	98
6) Chloroethane	2.969	64	22882	8.960	ug/l #	88
7) Trichlorofluoromethane	3.316	101	31682	4.985	ug/l	96
8) Diethyl Ether	3.769	74	12252	4.783	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.151	101	19315	5.423	ug/l	71
10) 1,1-Dichloroethene	4.110	96	17195	4.792	ug/l	97
11) Methyl Iodide	4.346	142	15330	4.288	ug/l	84
12) Methyl Acetate	4.781	43	29079	4.002	ug/l #	88
13) Acrolein	3.981	56	23697	29.178	ug/l	96
14) Acrylonitrile	5.475	53	62234	21.733	ug/l	99
15) Acetone	4.228	58	20286	25.924	ug/l	72
16) Carbon Disulfide	4.457	76	46196	4.813	ug/l #	94
17) Allyl chloride	4.763	41	28264	4.217	ug/l	79
18) Methylene Chloride	5.010	84	24735	5.700	ug/l	98
19) trans-1,2-Dichloroethene	5.510	96	18386	4.799	ug/l	85
20) Diisopropyl ether	6.410	45	59869	4.220	ug/l #	93
21) 1,1-Dichloroethane	6.304	63	38103	5.019	ug/l	100
22) cis-1,2-Dichloroethene	7.245	96	22244	4.887	ug/l	97
23) tert-Butyl Alcohol	5.287	59	21677	18.998	ug/l #	100
24) Methyl tert-Butyl Ether	5.534	73	56278	4.255	ug/l	94
25) Chloroform	7.745	83	38229	5.012	ug/l	100
26) Cyclohexane	8.022	56	30563	4.628	ug/l #	96
29) 1,1-Dichloropropene	8.151	75	25661	5.077	ug/l	97
30) 2-Butanone	7.257	43	92416	24.333	ug/l	97
31) 2,2-Dichloropropane	7.245	77	29223	9.718	ug/l	97
32) 1,1,1-Trichloroethane	7.939	97	31015	5.042	ug/l	96
33) Carbon Tetrachloride	8.128	117	26609	5.130	ug/l	95
34) Benzene	8.386	78	88146	5.573	ug/l #	77
35) Methacrylonitrile	7.563	41	14926	4.409	ug/l	91
36) 1,2-Dichloroethane	8.463	62	30022	5.215	ug/l #	95
37) Trichloroethene	9.145	130	21114	5.377	ug/l	95
38) Methylcyclohexane	9.392	83	30612	5.116	ug/l	93
39) 1,2-Dichloropropane	9.428	63	22514	5.509	ug/l	100
40) Dibromomethane	9.510	93	15048	5.453	ug/l	92
41) Bromodichloromethane	9.698	83	29695	5.350	ug/l	90
42) Vinyl Acetate	6.351	43	243400	20.954	ug/l	100

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

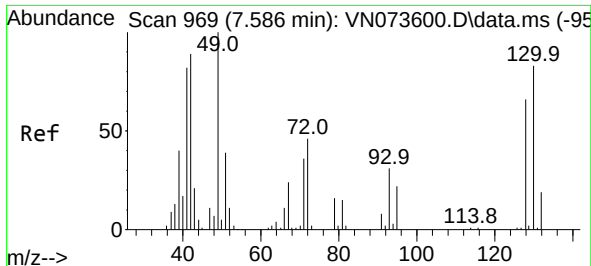
Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

Quant Time: Jul 27 13:09:51 2022
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 13:09:03 2022
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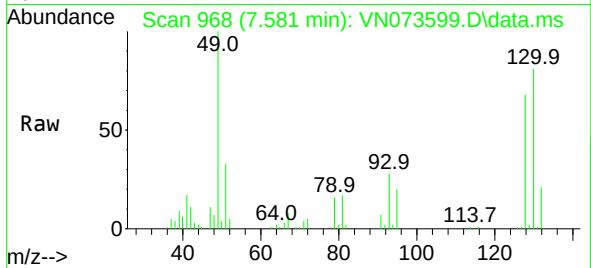
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.334	43	36526	5.228	ug/l	97
44) Isopropyl Acetate	8.492	43	44313	4.064	ug/l	94
45) 1,4-Dioxane	9.504	88	10690	104.195	ug/l	97
46) Methyl methacrylate	9.492	41	20121	4.064	ug/l	87
47) n-amyl Acetate	12.327	43	30186	3.465	ug/l	93
48) t-1,3-Dichloropropene	10.663	75	26805	5.128	ug/l	94
49) cis-1,3-Dichloropropene	10.128	75	30393	5.314	ug/l	89
50) 1,1,2-Trichloroethane	10.839	97	22476	5.612	ug/l	93
51) Ethyl methacrylate	10.704	69	28464	4.312	ug/l	81
52) 1,3-Dichloropropane	10.986	76	37758	5.482	ug/l	98
53) Dibromochloromethane	11.175	129	20501	4.912	ug/l	100
54) 1,2-Dibromoethane	11.280	107	21381	5.105	ug/l	94
55) 2-Chloroethyl vinyl ether	9.980	63	57361	20.217	ug/l	99
56) Bromoform	12.398	173	15281	4.972	ug/l #	97
58) 4-Methyl-2-Pentanone	10.269	43	163944	22.409	ug/l	97
59) 2-Hexanone	11.027	43	124325	22.226	ug/l	98
61) Tetrachloroethene	10.916	164	21081	6.099	ug/l	92
62) Toluene	10.445	91	94341	5.477	ug/l	97
64) Chlorobenzene	11.710	112	54883	5.324	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.780	131	19856	5.086	ug/l	96
66) Ethyl Benzene	11.786	91	90594	4.808	ug/l	96
67) m/p-Xylenes	11.898	106	66087	9.313	ug/l	99
68) o-Xylene	12.222	106	33383	4.698	ug/l	100
69) Styrene	12.233	104	50991	4.440	ug/l	97
70) Isopropylbenzene	12.522	105	81995	4.493	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.769	83	34196	5.377	ug/l	98
72) 1,2,3-Trichloropropane	12.821	75	29330m	5.877	ug/l	
73) Bromobenzene	12.798	156	21414	4.980	ug/l	99
74) n-propylbenzene	12.863	91	96172	4.609	ug/l	100
75) 2-Chlorotoluene	12.945	91	61171	4.725	ug/l	97
76) 1,3,5-Trimethylbenzene	12.998	105	69745	4.569	ug/l	97
77) t-1,4-Dichloro-2-butene	12.563	75	8224	5.109	ug/l	95
78) 4-Chlorotoluene	13.045	91	56701	4.561	ug/l	100
79) tert-butylbenzene	13.263	119	58557	4.388	ug/l	95
80) 1,2,4-Trimethylbenzene	13.310	105	65229	4.357	ug/l #	81
81) sec-Butylbenzene	13.439	105	83526	4.579	ug/l	99
82) p-Isopropyltoluene	13.557	119	62473	4.222	ug/l	97
83) 1,3-Dichlorobenzene	13.551	146	38337	5.033	ug/l	97
84) 1,4-Dichlorobenzene	13.633	146	35247	4.650	ug/l	96
85) n-Butylbenzene	13.880	91	48250	3.998	ug/l	98
86) Hexachloroethane	14.151	117	13445	4.662	ug/l	82
87) 1,2-Dichlorobenzene	13.927	146	39314	4.928	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.539	75	6728	4.283	ug/l	94
89) 1,2,4-Trichlorobenzene	15.198	180	17337	4.166	ug/l	96
90) Hexachlorobutadiene	15.304	225	10625	5.958	ug/l	98
91) Naphthalene	15.433	128	50360	3.199	ug/l	99
92) 1,2,3-Trichlorobenzene	15.627	180	18096	4.238	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.581 min Scan# 968
Delta R.T. -0.005 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

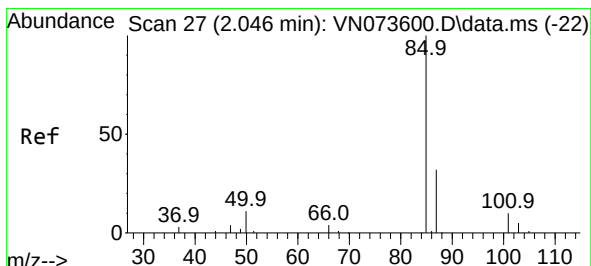
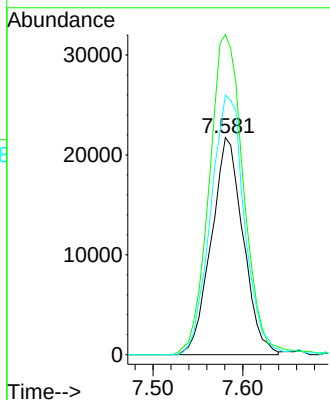
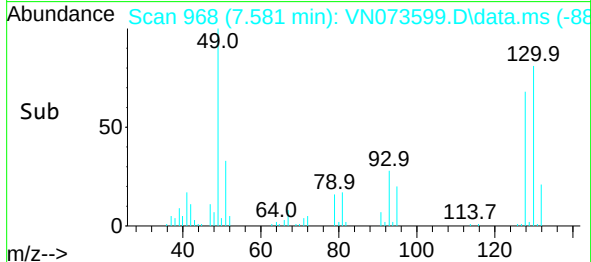
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 53440
Ion Ratio Lower Upper
128 100
49 158.8 0.0 392.3
130 127.1 0.0 320.2

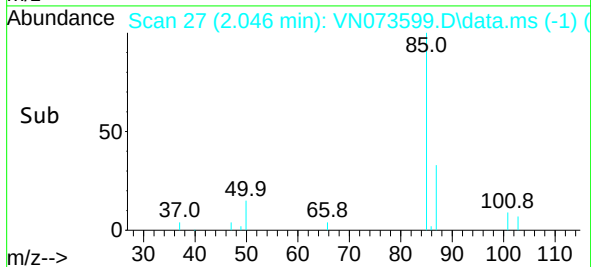
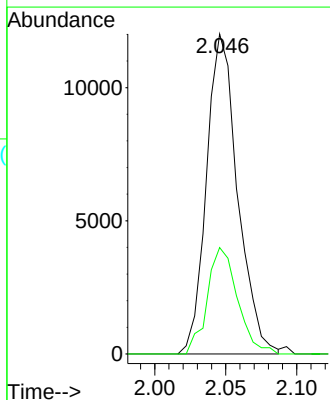
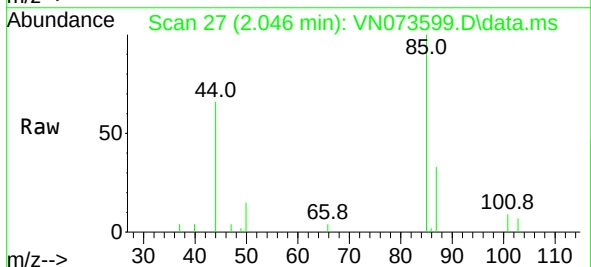
Manual Integrations
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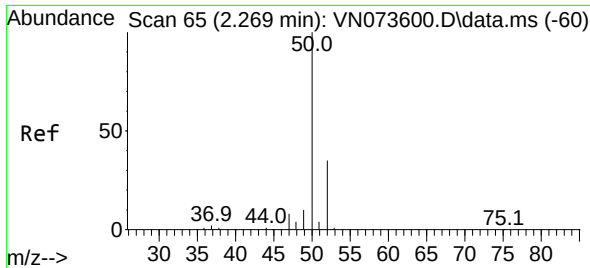
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#2
Dichlorodifluoromethane
Concen: 4.538 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

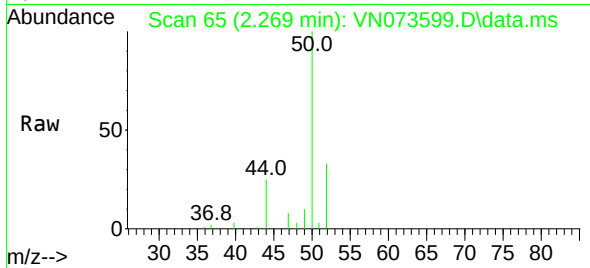
Tgt Ion: 85 Resp: 18359
Ion Ratio Lower Upper
85 100
87 33.3 16.6 49.7





#3
Chloromethane
Concen: 6.052 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

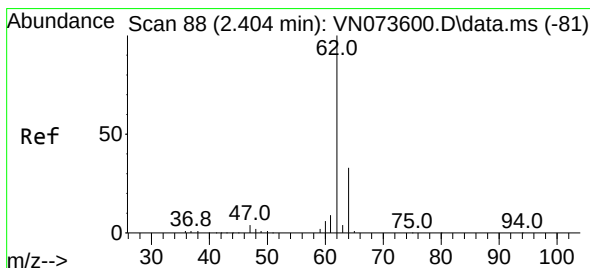
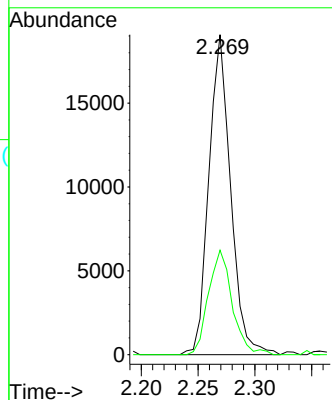
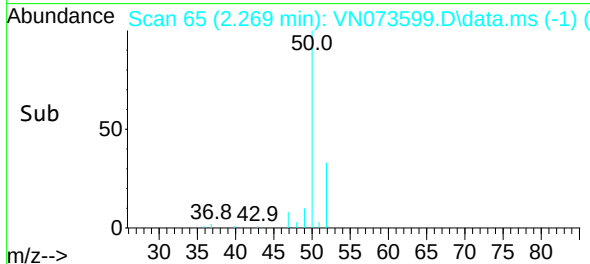
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 25412
Ion Ratio Lower Upper
50 100
52 32.6 27.8 41.6

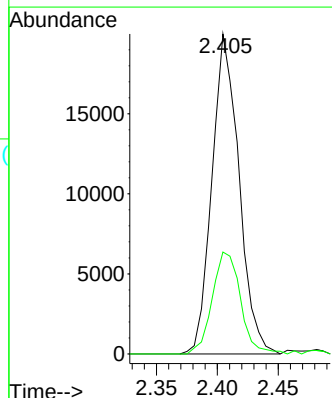
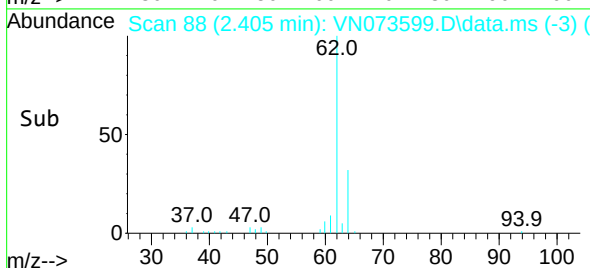
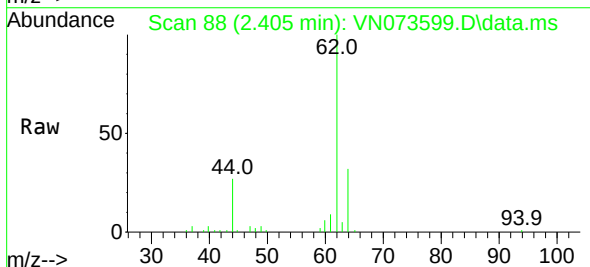
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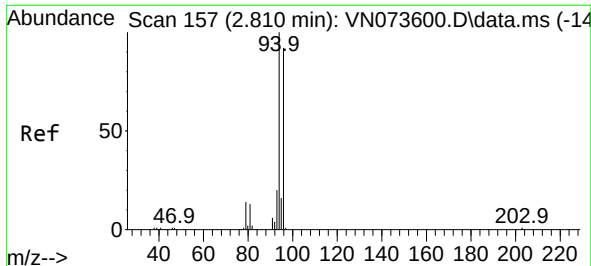
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#4
Vinyl Chloride
Concen: 7.669 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Tgt Ion: 62 Resp: 30874
Ion Ratio Lower Upper
62 100
64 31.8 25.1 37.7





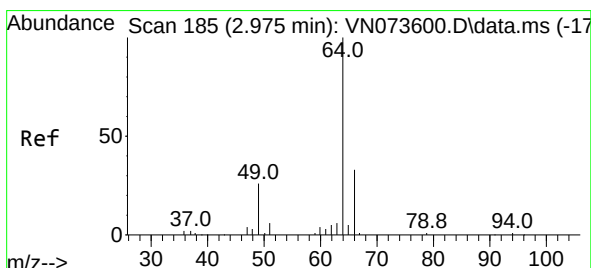
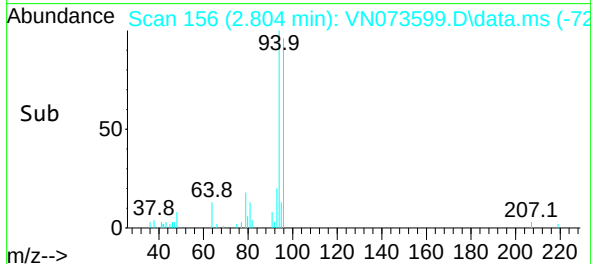
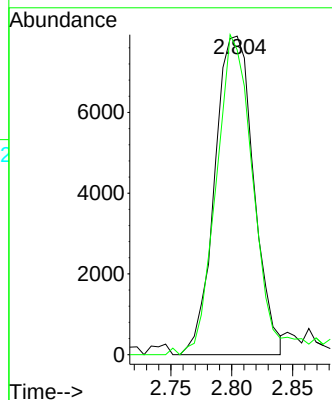
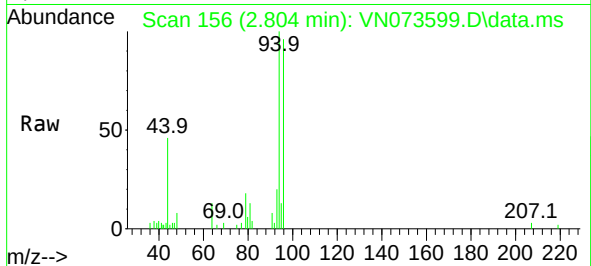
#5
Bromomethane
Concen: 11.139 ug/l
RT: 2.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 17564
Ion Ratio Lower Upper
94 100
96 95.7 75.2 112.8

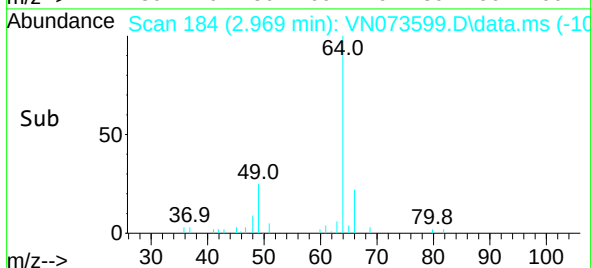
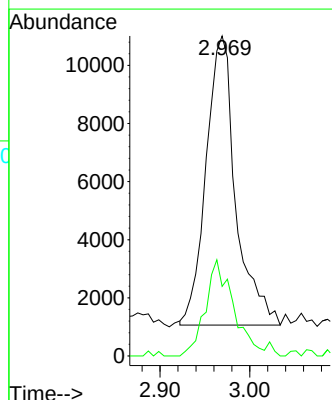
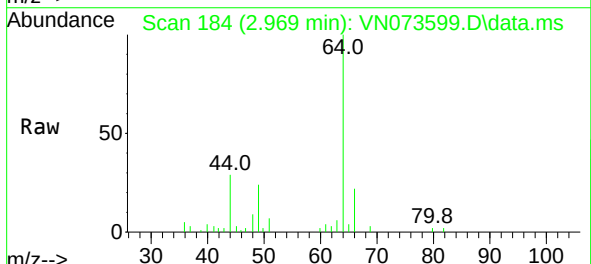
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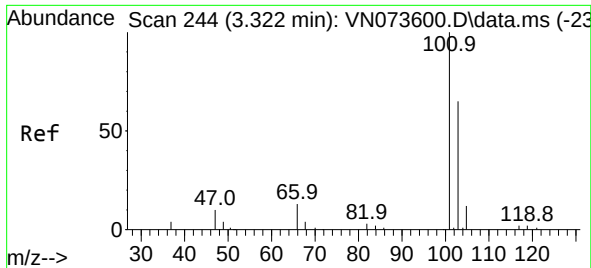
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#6
Chloroethane
Concen: 8.960 ug/l
RT: 2.969 min Scan# 184
Delta R.T. -0.006 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

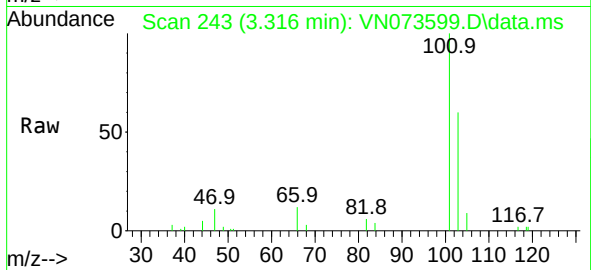
Tgt Ion: 64 Resp: 22882
Ion Ratio Lower Upper
64 100
66 24.1 24.6 36.8#





#7
 Trichlorofluoromethane
 Concen: 4.985 ug/l
 RT: 3.316 min Scan# 244
 Delta R.T. -0.006 min
 Lab File: VN073599.D
 Acq: 27 Jul 2022 11:30

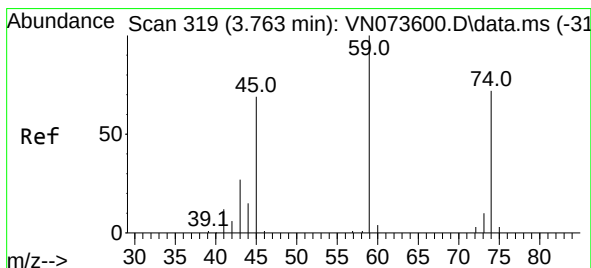
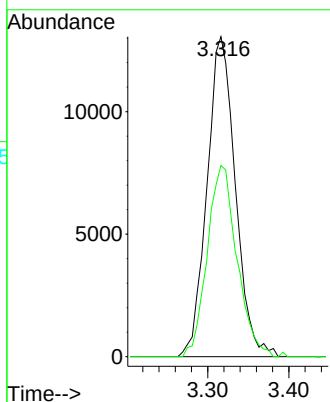
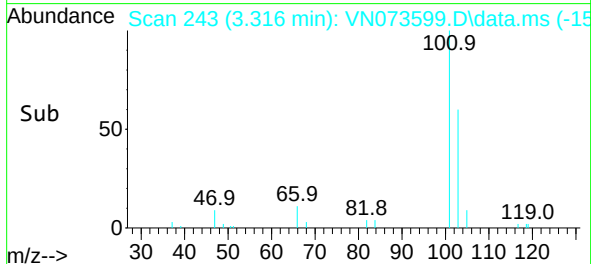
Instrument :
 MSVOA_N
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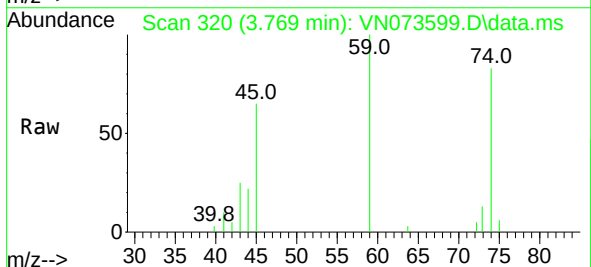
Tgt Ion:101 Resp: 3168
 Ion Ratio Lower Upper
 101 100
 103 59.7 50.1 75.1

Manual Integrations
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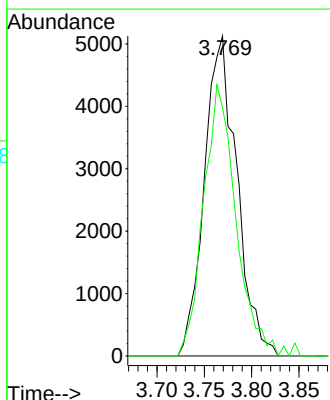
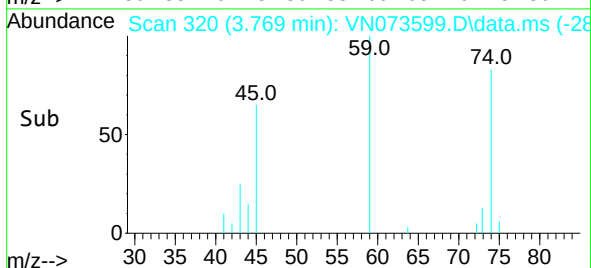
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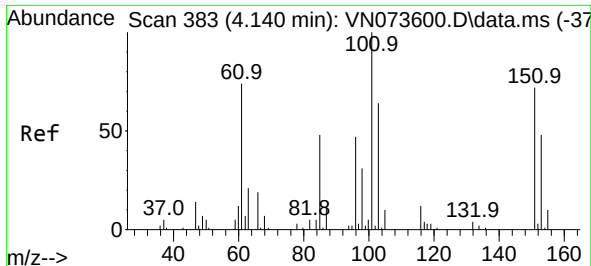


#8
 Diethyl Ether
 Concen: 4.783 ug/l
 RT: 3.769 min Scan# 320
 Delta R.T. 0.006 min
 Lab File: VN073599.D
 Acq: 27 Jul 2022 11:30



Tgt Ion: 74 Resp: 12252
 Ion Ratio Lower Upper
 74 100
 45 84.3 17.6 158.8





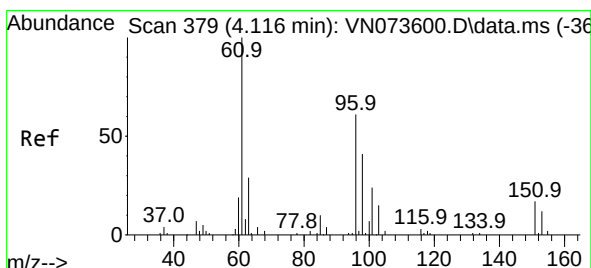
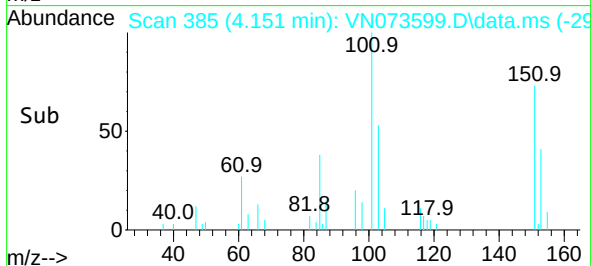
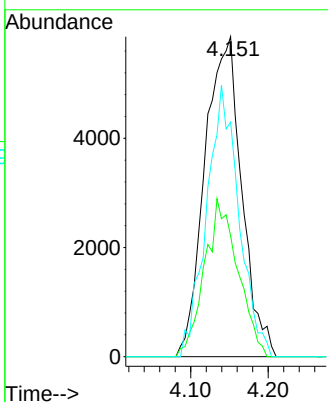
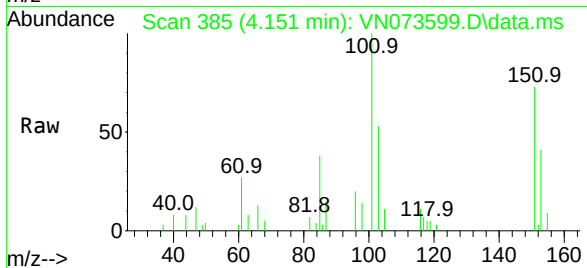
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1,1,2-Trichlorotrifluoroethane
Concen: 5.423 ug/l
RT: 4.151 min Scan# 385
Delta R.T. 0.012 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1931
Ion Ratio Lower Upper
101 100
85 44.8 0.0 94.0
151 74.6 0.0 74.6

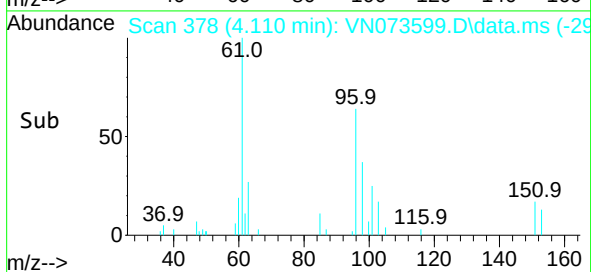
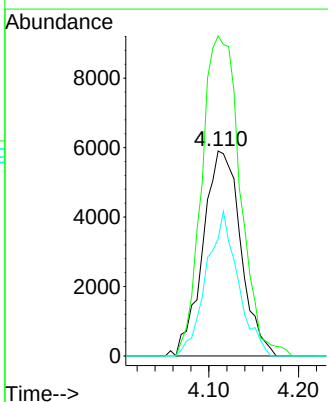
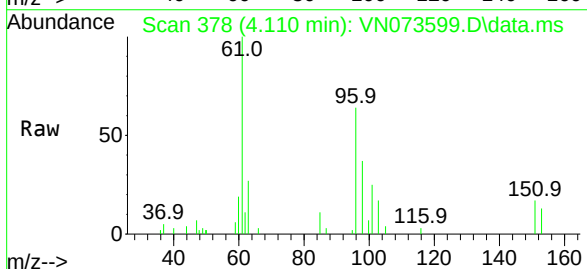
Manual Integrations
APPROVED

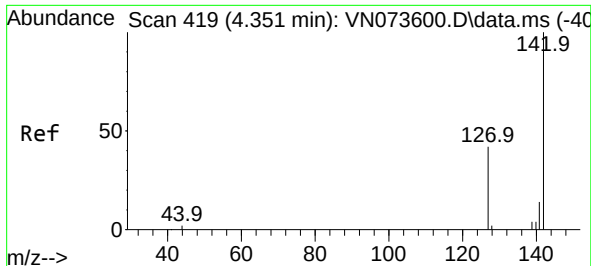
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#10
1,1-Dichloroethene
Concen: 4.792 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

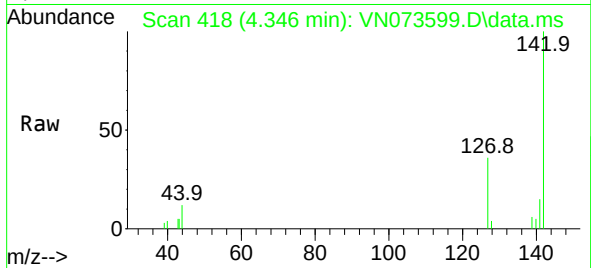
Tgt Ion: 96 Resp: 17195
Ion Ratio Lower Upper
96 100
61 156.2 126.2 189.4
98 57.2 50.9 76.3





#11
Methyl Iodide
Concen: 4.288 ug/l
RT: 4.346 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

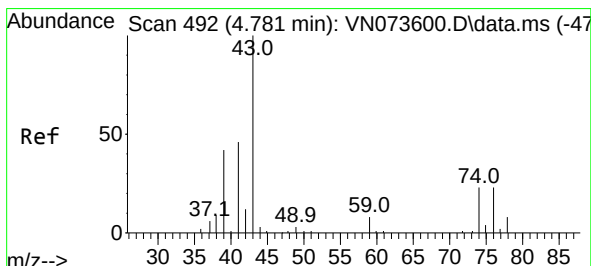
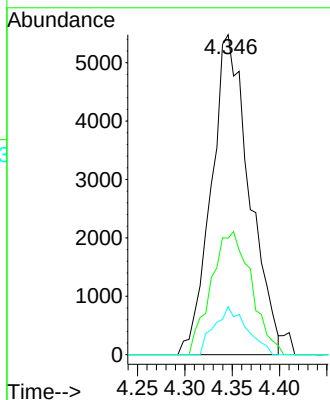
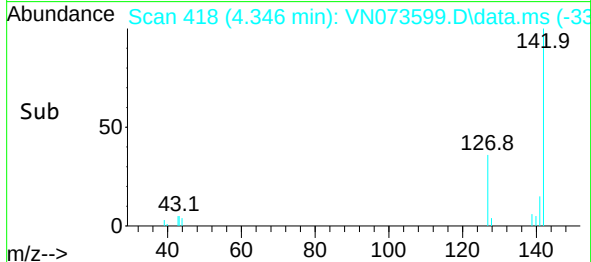
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:142 Resp: 15330
Ion Ratio Lower Upper
142 100
127 36.0 24.0 72.0
141 12.4 8.4 25.2

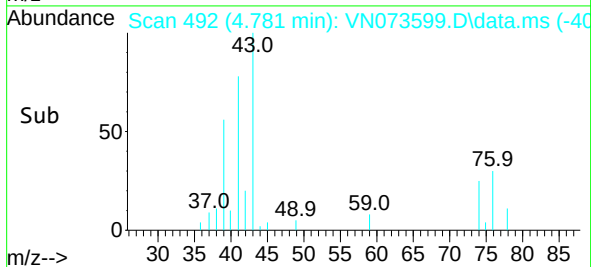
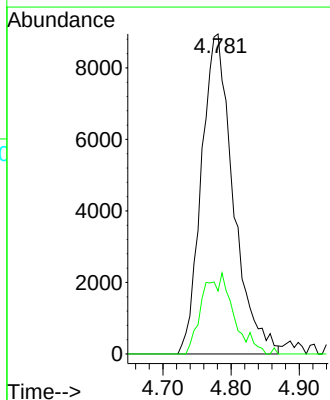
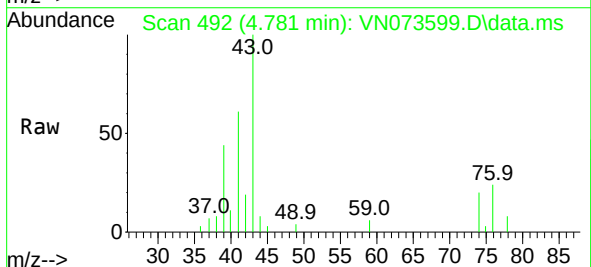
Manual Integrations
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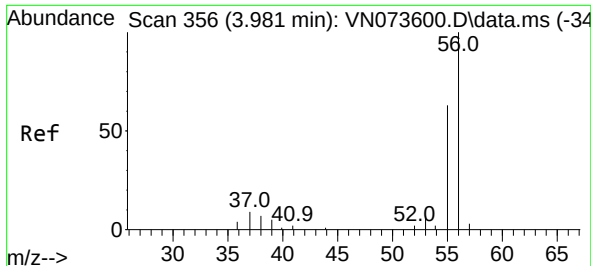
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#12
Methyl Acetate
Concen: 4.002 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

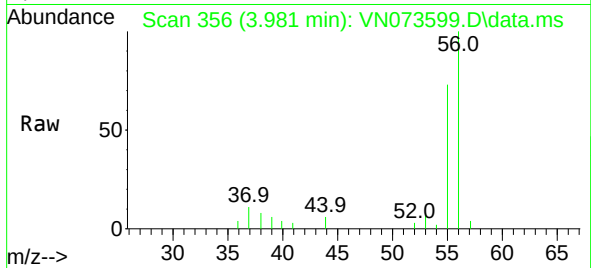
Tgt Ion: 43 Resp: 29079
Ion Ratio Lower Upper
43 100
74 20.0 20.8 31.2#





#13
Acrolein
Concen: 29.178 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

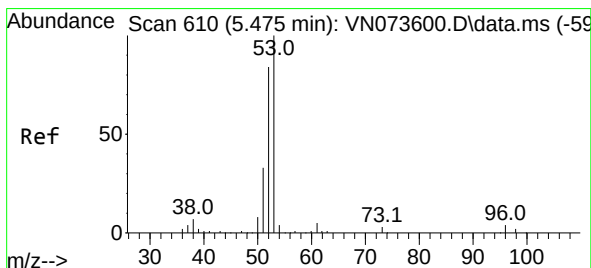
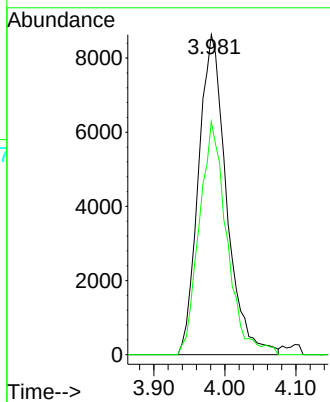
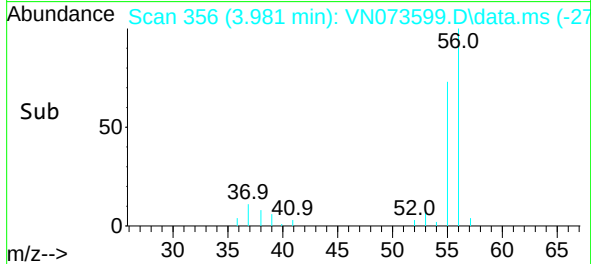
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 2369
Ion Ratio Lower Upper
56 100
55 68.7 57.6 86.4

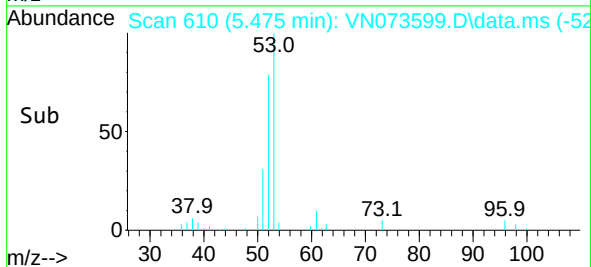
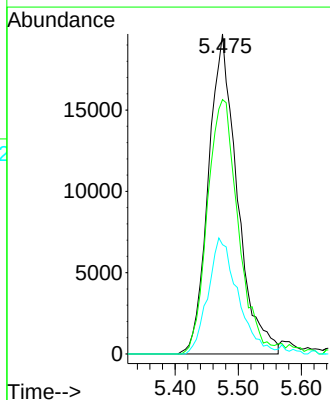
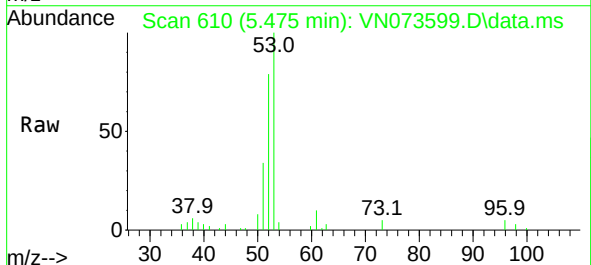
Manual Integrations
APPROVED

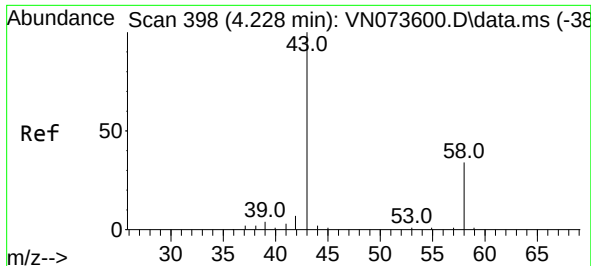
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#14
Acrylonitrile
Concen: 21.733 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Tgt Ion: 53 Resp: 62234
Ion Ratio Lower Upper
53 100
52 84.8 41.8 125.4
51 37.6 19.0 57.0





#15

Acetone

Concen: 25.924 ug/l

RT: 4.228 min Scan# 398

Delta R.T. 0.000 min

Lab File: VN073599.D

Acq: 27 Jul 2022 11:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 58 Resp: 20280

Ion Ratio Lower Upper

58 100

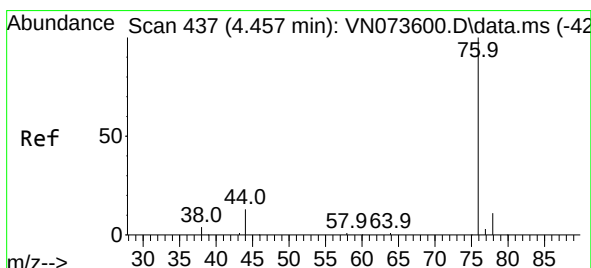
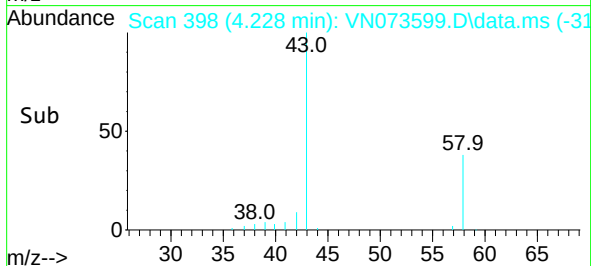
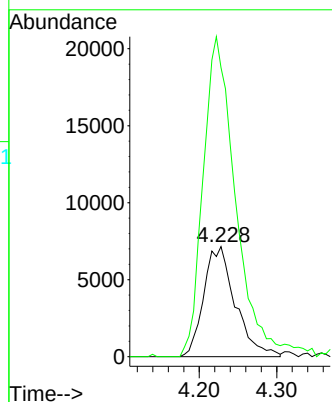
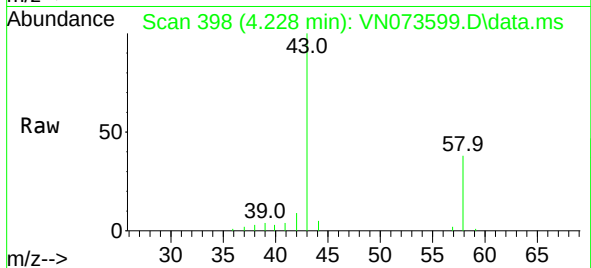
43 262.8 256.6 384.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#16

Carbon Disulfide

Concen: 4.813 ug/l

RT: 4.457 min Scan# 437

Delta R.T. 0.000 min

Lab File: VN073599.D

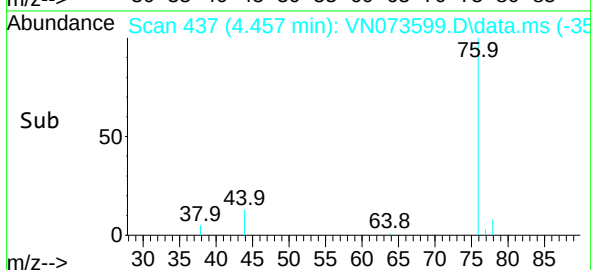
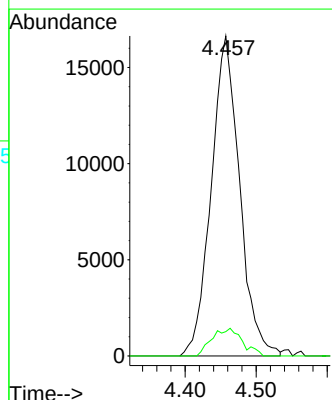
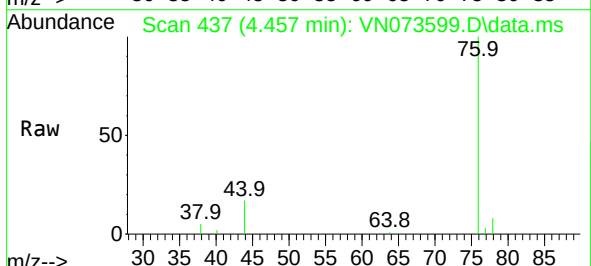
Acq: 27 Jul 2022 11:30

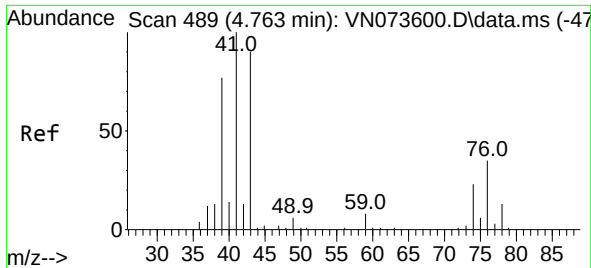
Tgt Ion: 76 Resp: 46196

Ion Ratio Lower Upper

76 100

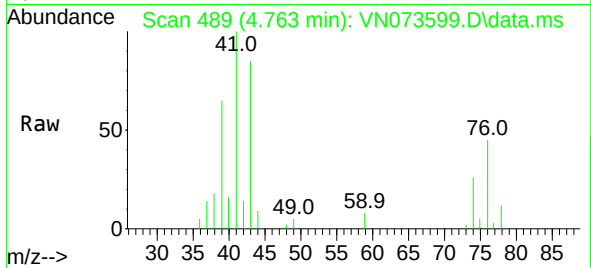
78 7.6 7.8 11.8#





#17
 Allyl chloride
 Concen: 4.217 ug/l
 RT: 4.763 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN073599.D
 Acq: 27 Jul 2022 11:30

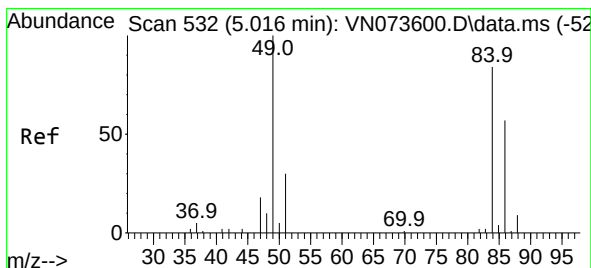
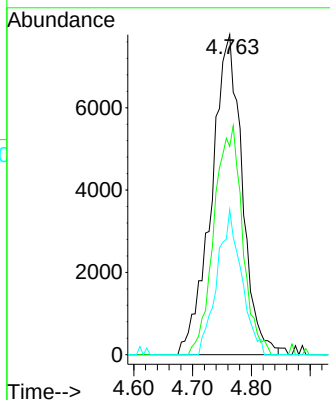
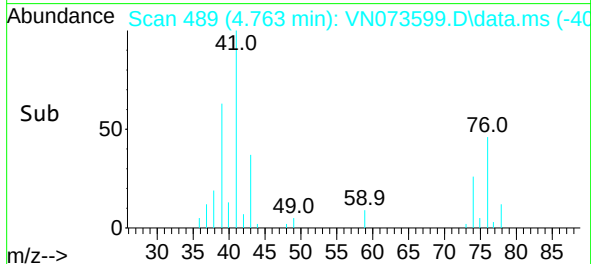
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



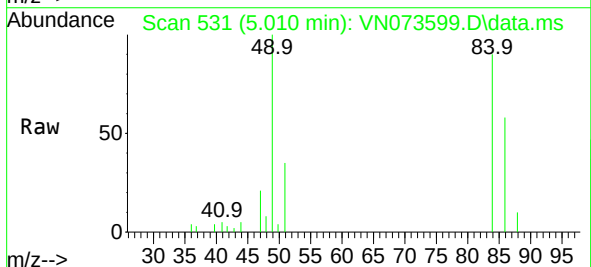
Tgt Ion: 41 Resp: 28264
 Ion Ratio Lower Upper
 41 100
 39 65.1 44.6 134.0
 76 45.3 19.6 58.7

Manual Integrations
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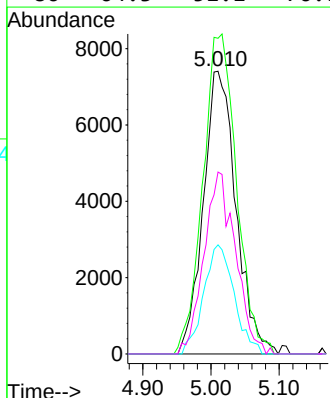
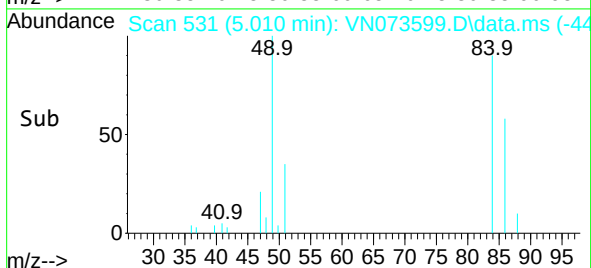
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

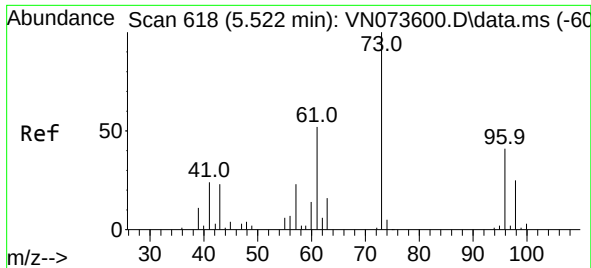


#18
 Methylene Chloride
 Concen: 5.700 ug/l
 RT: 5.010 min Scan# 531
 Delta R.T. -0.006 min
 Lab File: VN073599.D
 Acq: 27 Jul 2022 11:30



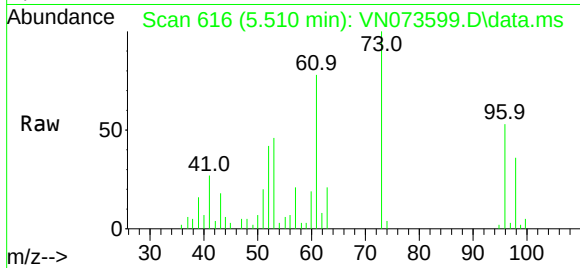
Tgt Ion: 84 Resp: 24735
 Ion Ratio Lower Upper
 84 100
 49 111.6 91.4 137.0
 51 38.6 29.4 44.0
 86 64.3 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 4.799 ug/l
RT: 5.510 min Scan# 618
Delta R.T. -0.012 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

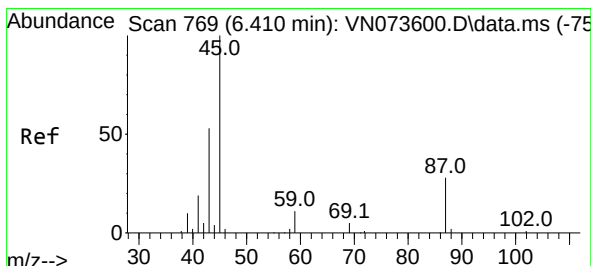
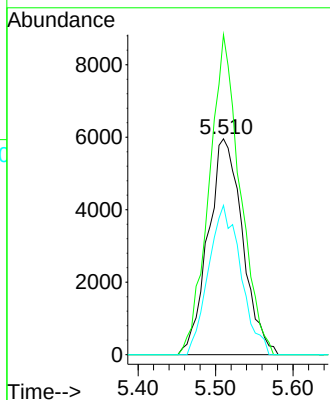
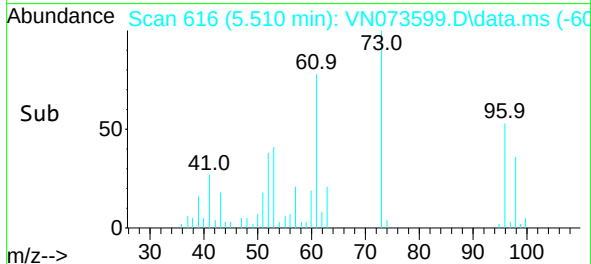
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 1838
Ion Ratio Lower Upper
96 100
61 148.3 102.8 154.2
98 69.2 49.3 73.9

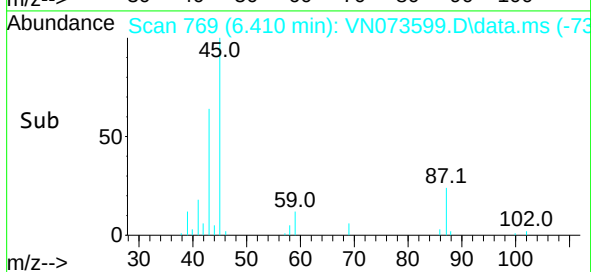
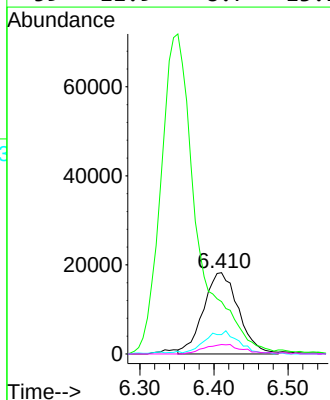
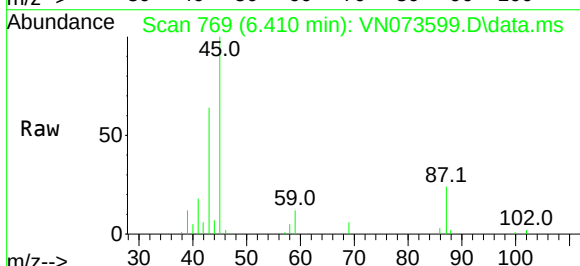
Manual Integrations
APPROVED

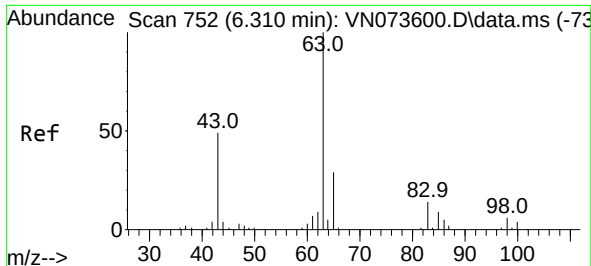
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#20
Diisopropyl ether
Concen: 4.220 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Tgt Ion: 45 Resp: 59869
Ion Ratio Lower Upper
45 100
43 60.7 51.0 76.4
87 23.3 25.0 37.4#
59 11.9 8.7 13.1





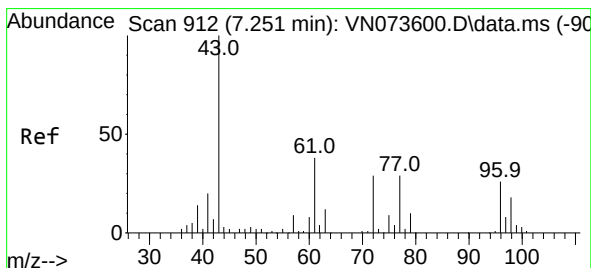
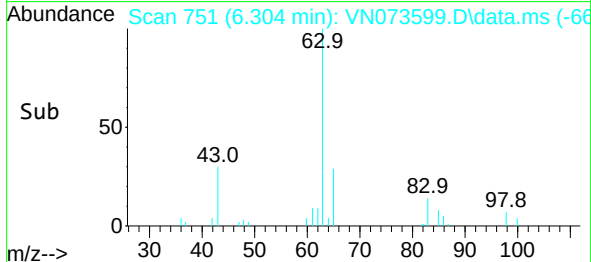
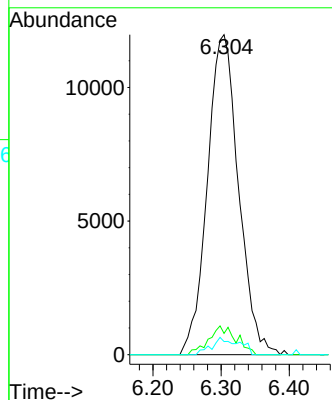
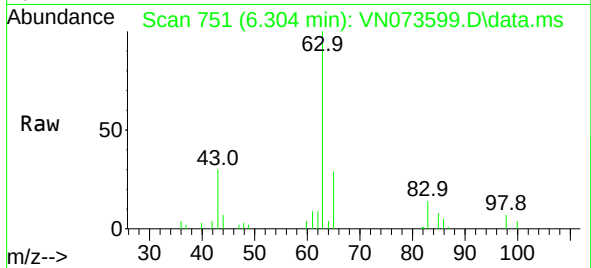
#21
1,1-Dichloroethane
Concen: 5.019 ug/l
RT: 6.304 min Scan# 751
Delta R.T. -0.006 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 3810
Ion Ratio Lower Upper
63 100
98 6.7 3.2 9.6
100 4.1 2.1 6.2

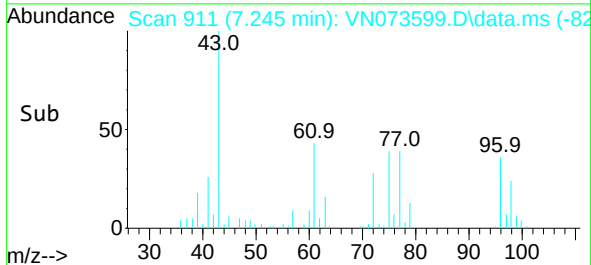
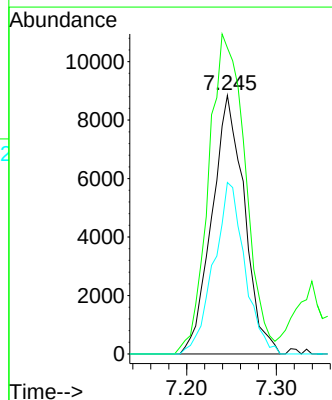
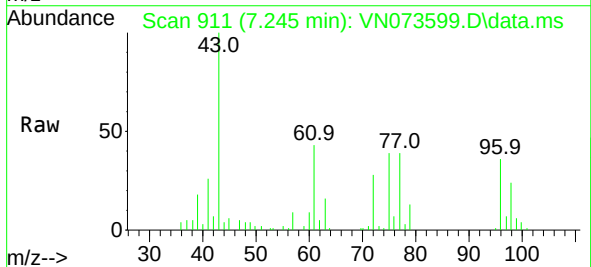
Manual Integrations
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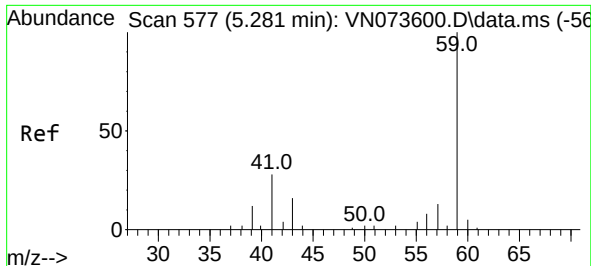
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#22
cis-1,2-Dichloroethene
Concen: 4.887 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Tgt Ion: 96 Resp: 22244
Ion Ratio Lower Upper
96 100
61 139.4 115.7 173.5
98 63.2 51.6 77.4





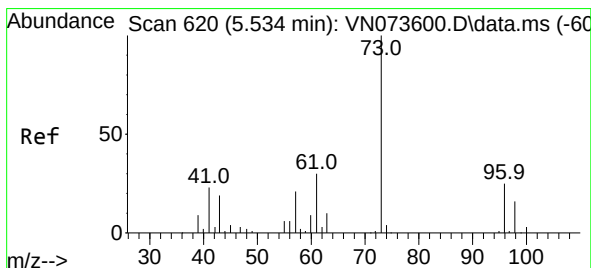
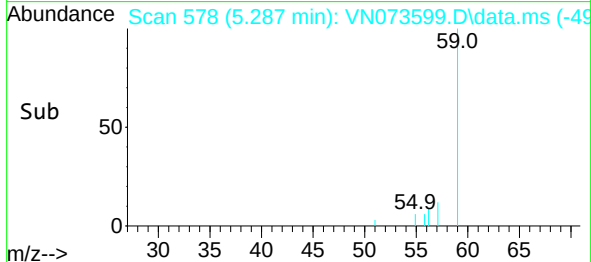
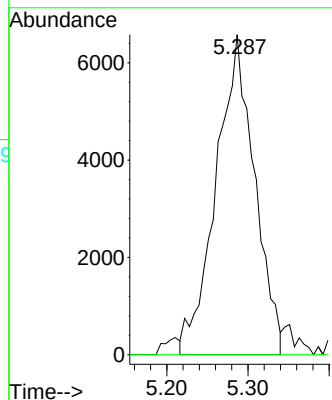
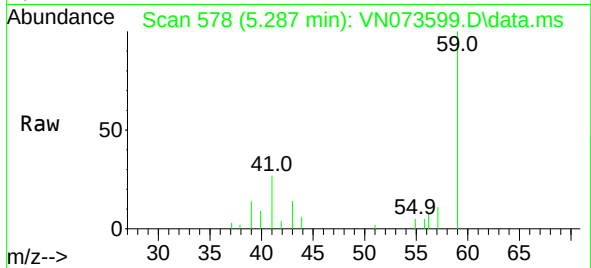
#23
tert-Butyl Alcohol
Concen: 18.998 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 2167
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

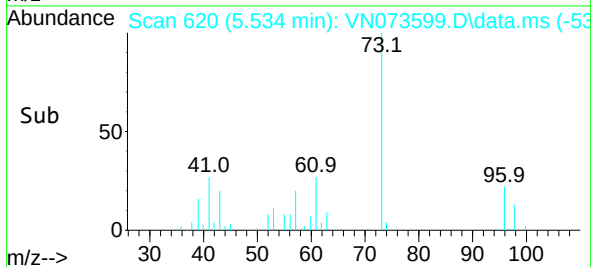
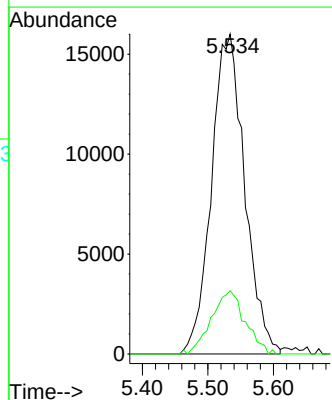
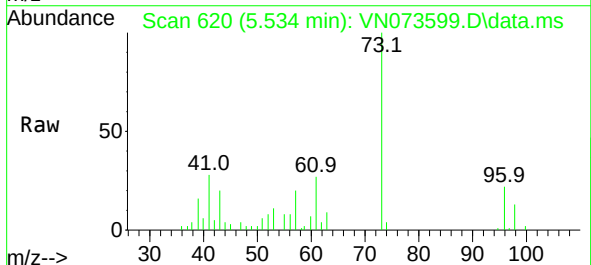
Manual Integrations
APPROVED

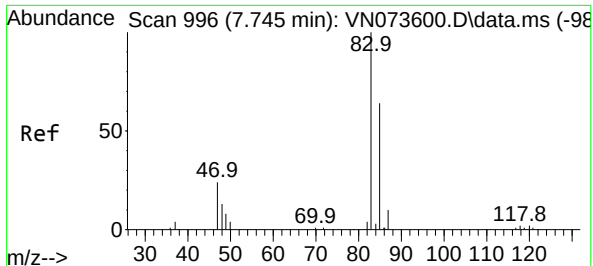
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#24
Methyl tert-Butyl Ether
Concen: 4.255 ug/l
RT: 5.534 min Scan# 620
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

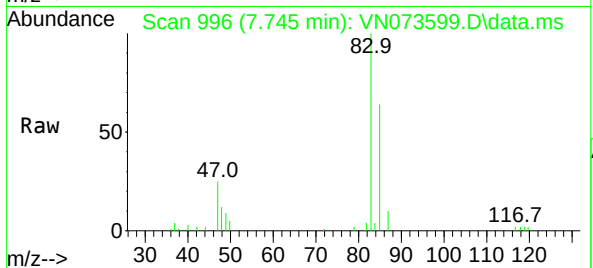
Tgt Ion: 73 Resp: 56278
Ion Ratio Lower Upper
73 100
43 19.9 18.1 27.1





#25
Chloroform
Concen: 5.012 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

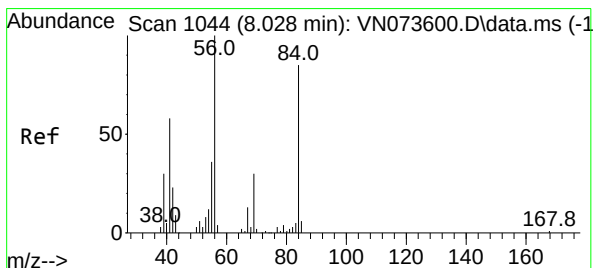
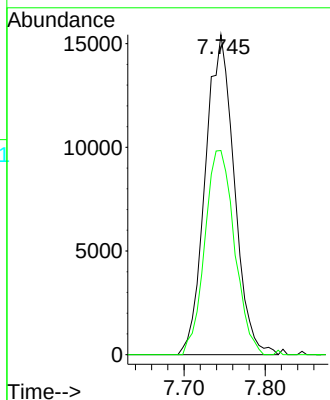
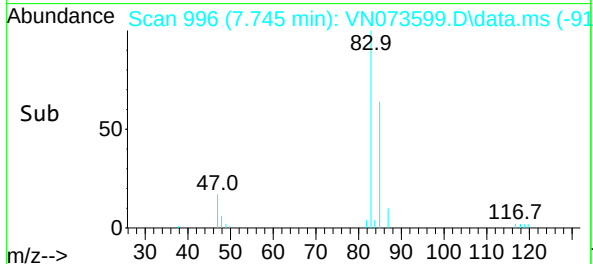
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



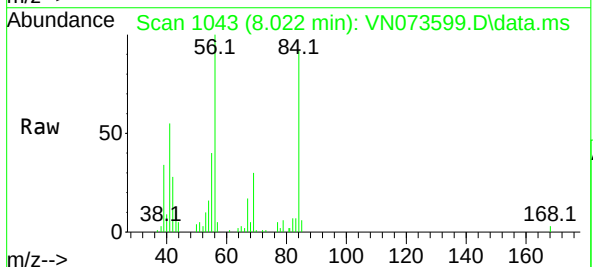
Tgt Ion: 83 Resp: 38229
Ion Ratio Lower Upper
83 100
85 63.8 51.3 76.9

Manual Integrations
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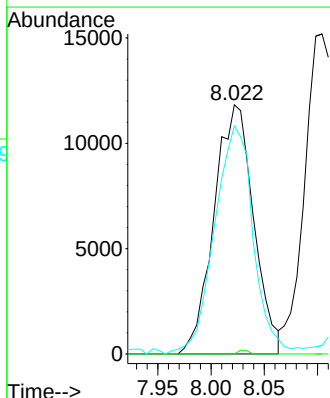
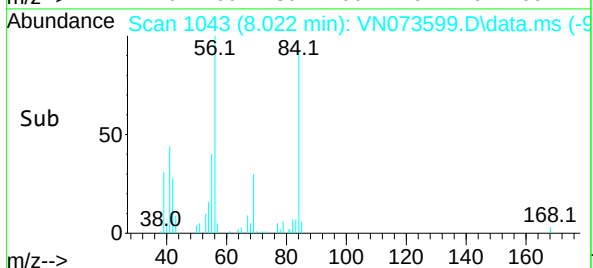
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

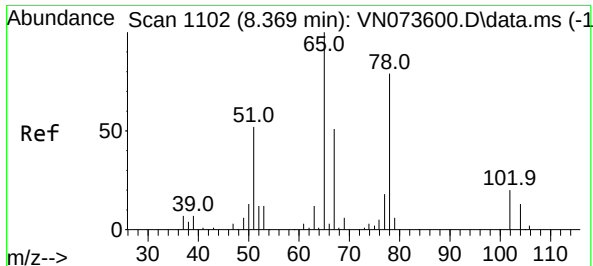


#26
Cyclohexane
Concen: 4.628 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30



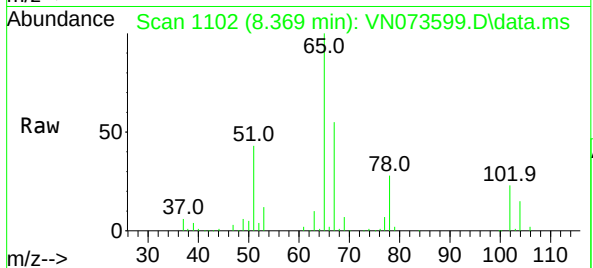
Tgt Ion: 56 Resp: 30563
Ion Ratio Lower Upper
56 100
89 0.4 0.1 0.1#
84 89.2 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 27.982 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

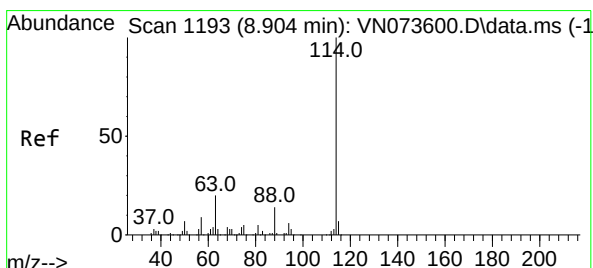
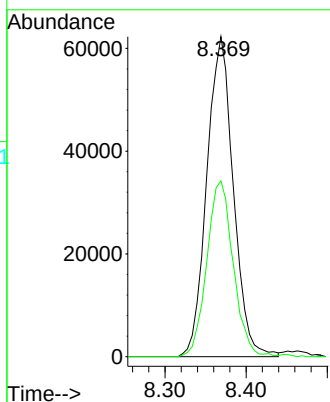
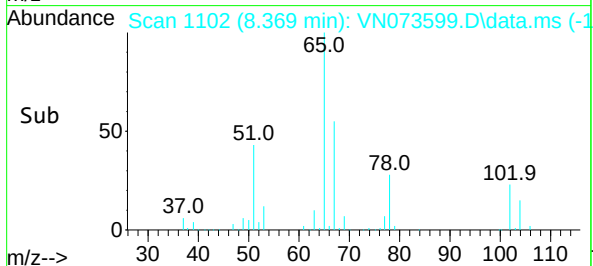
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



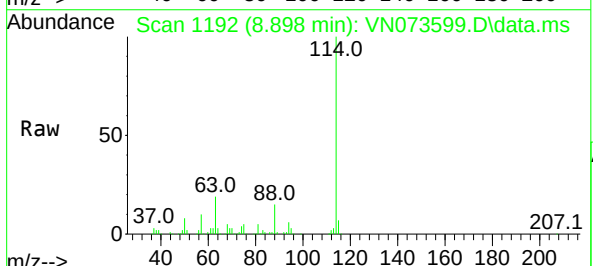
Tgt Ion: 65 Resp: 141528
Ion Ratio Lower Upper
65 100
67 54.3 40.2 60.2

Manual Integrations
APPROVED

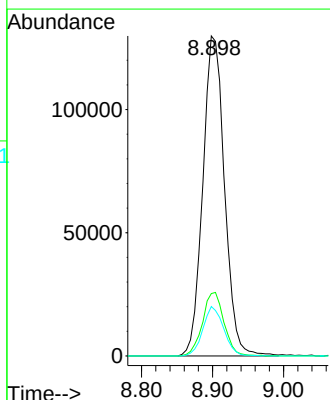
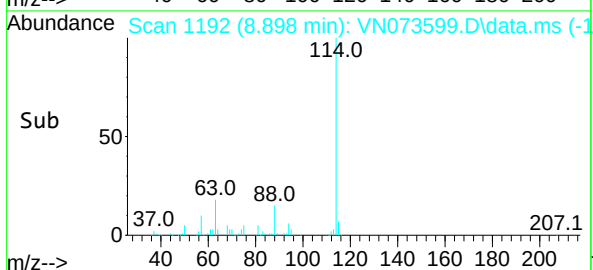
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

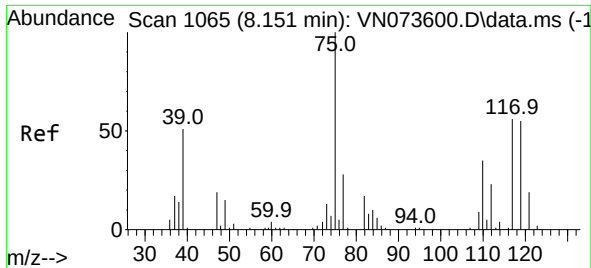


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. -0.006 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30



Tgt Ion:114 Resp: 276528
Ion Ratio Lower Upper
114 100
63 19.7 15.8 23.6
88 14.8 11.6 17.4





#29
1,1-Dichloropropene
Concen: 5.077 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Instrument :

MSVOA_N

ClientSampleId :

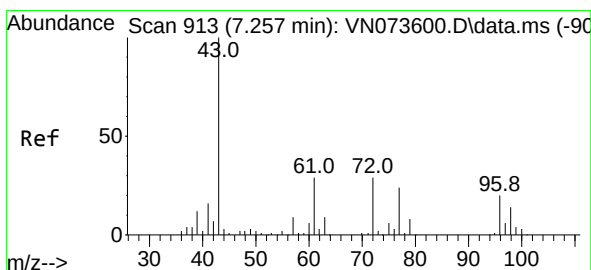
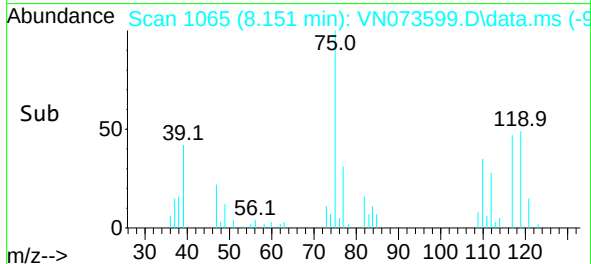
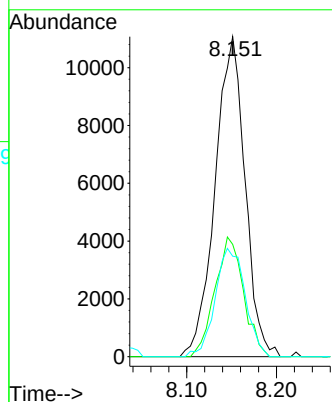
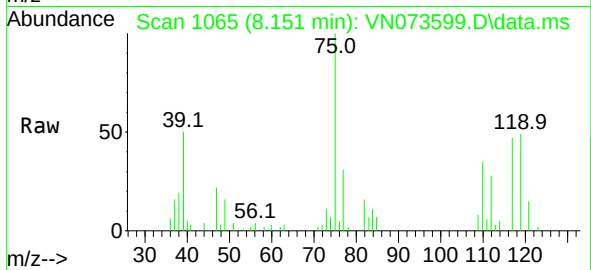
VSTDIC005

Tgt Ion: 75 Resp: 2566
Ion Ratio Lower Upper
75 100
110 35.7 0.0 74.2
77 33.5 0.0 63.2

Manual Integrations

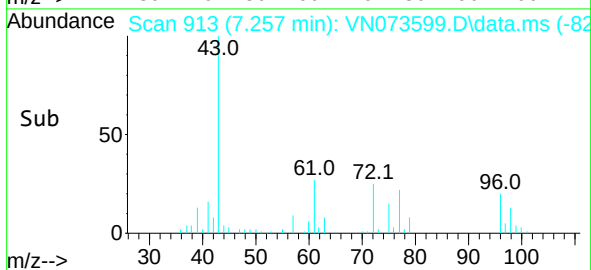
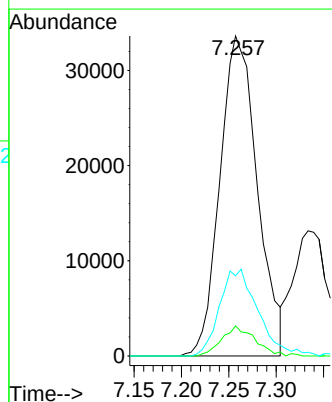
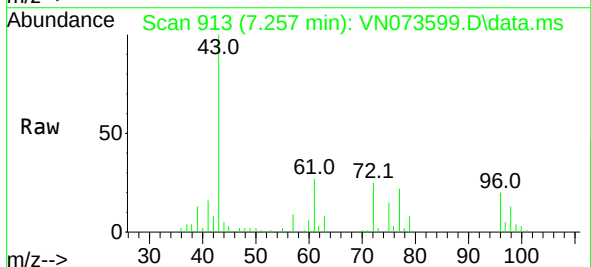
APPROVED

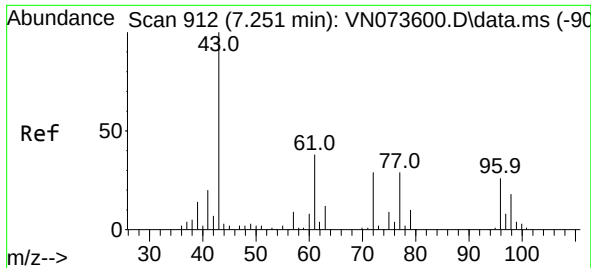
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#30
2-Butanone
Concen: 24.333 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Tgt Ion: 43 Resp: 92416
Ion Ratio Lower Upper
43 100
57 8.2 6.7 10.1
72 27.2 23.2 34.8





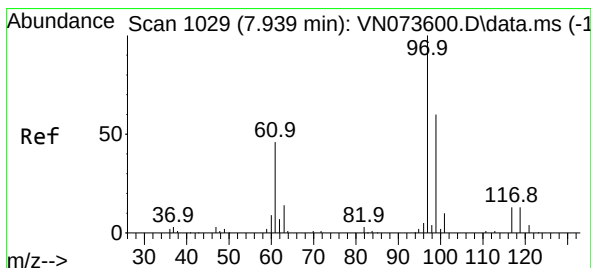
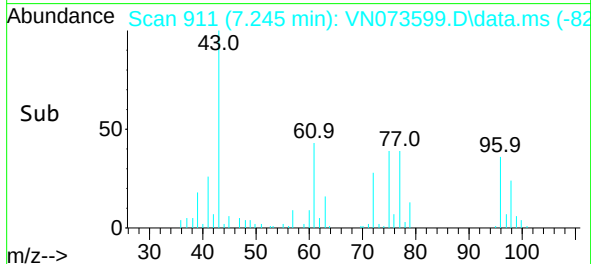
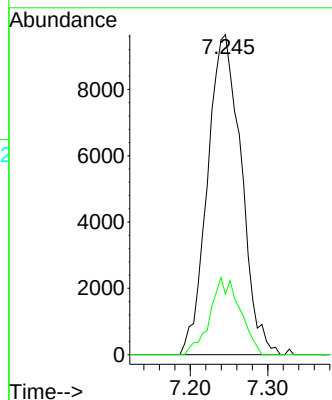
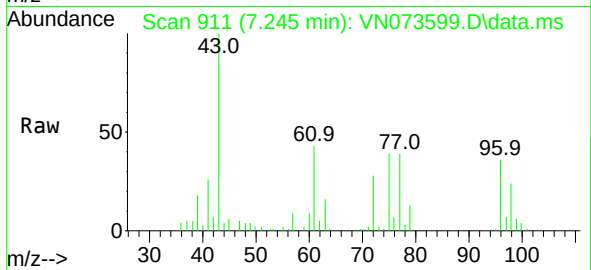
#31
2,2-Dichloropropane
Concen: 9.718 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 77 Resp: 2922
Ion Ratio Lower Upper
77 100
97 21.4 18.3 27.5

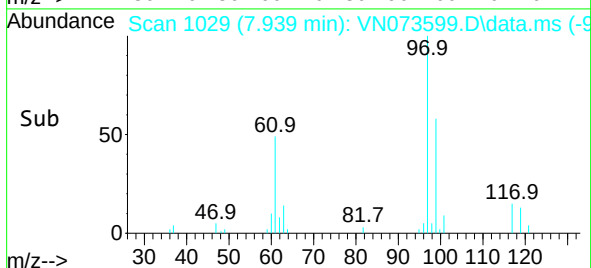
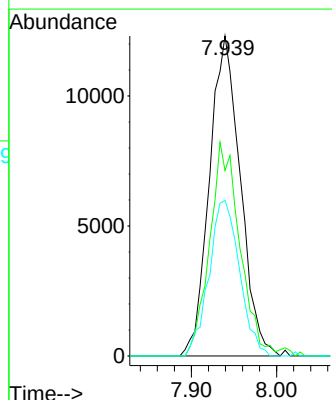
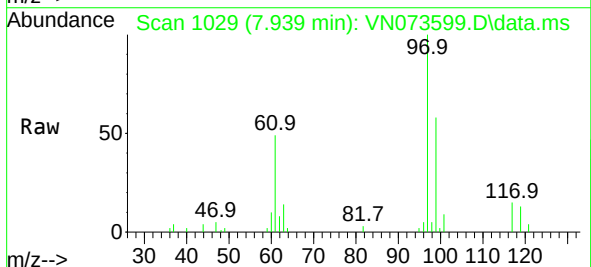
Manual Integrations
APPROVED

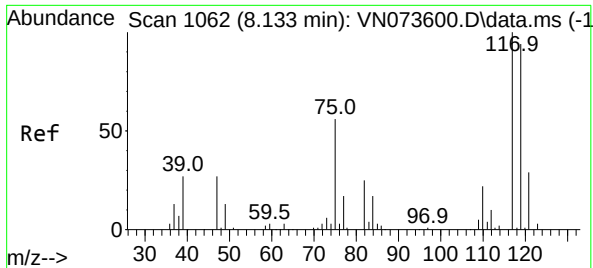
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#32
1,1,1-Trichloroethane
Concen: 5.042 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

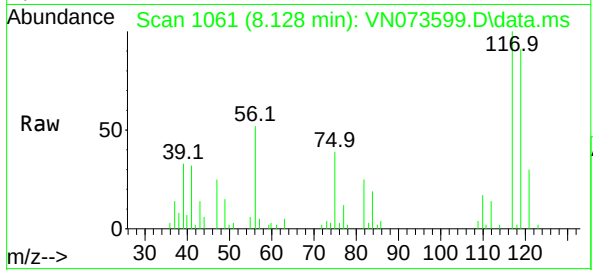
Tgt Ion: 97 Resp: 31015
Ion Ratio Lower Upper
97 100
99 64.3 50.4 75.6
61 48.2 34.6 51.8





#33
Carbon Tetrachloride
Concen: 5.130 ug/l
RT: 8.128 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

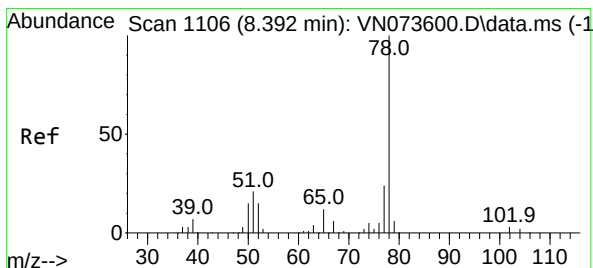
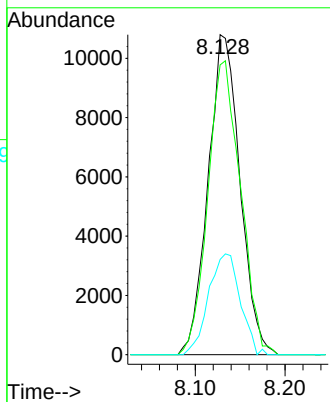
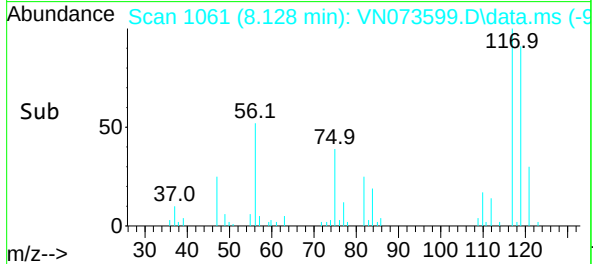
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



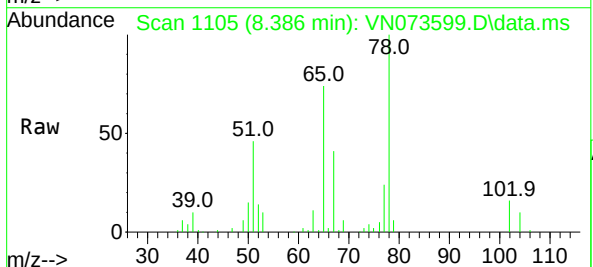
Tgt Ion:117 Resp: 26609
Ion Ratio Lower Upper
117 100
119 90.6 77.5 116.3
121 29.7 23.5 35.3

Manual Integrations
APPROVED

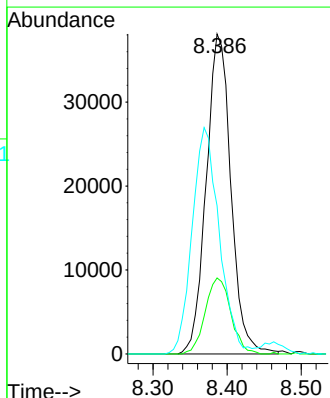
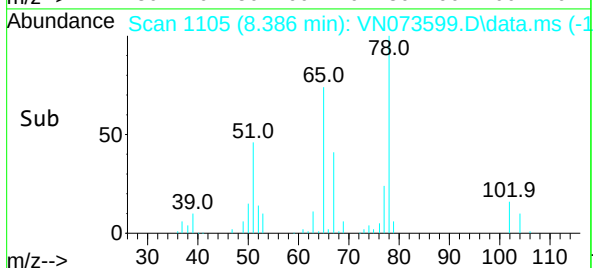
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

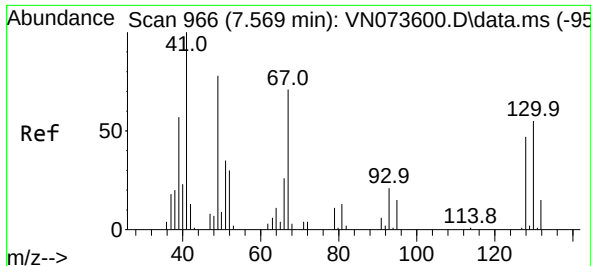


#34
Benzene
Concen: 5.573 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30



Tgt Ion: 78 Resp: 88146
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7
51 43.3 16.0 24.0#





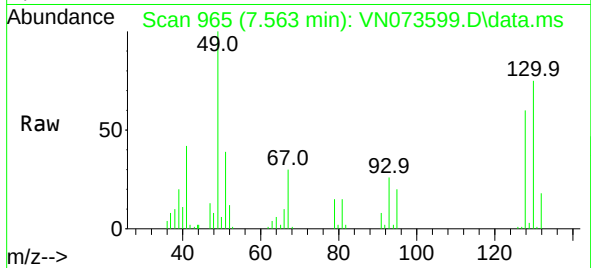
#35
Methacrylonitrile
Concen: 4.409 ug/l
RT: 7.563 min Scan# 965
Delta R.T. -0.006 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



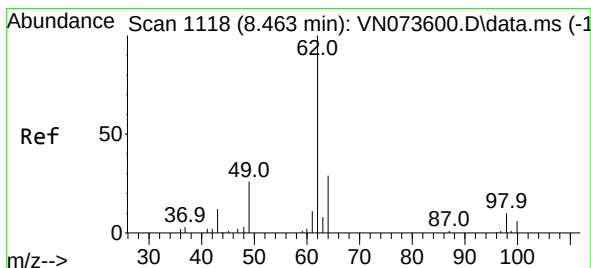
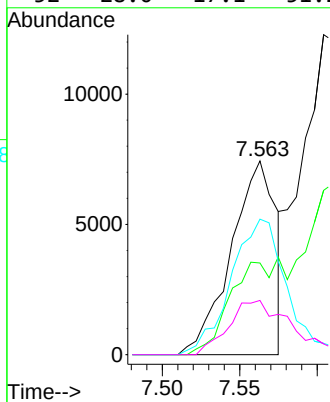
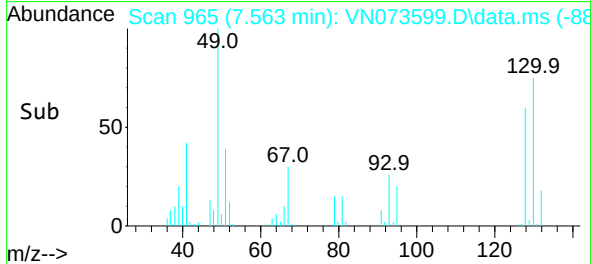
Tgt Ion: 41 Resp: 14920
Ion Ratio Lower Upper
41 100
39 47.3 28.0 83.9
67 69.9 37.7 113.1
52 28.0 17.1 51.2

Manual Integrations

APPROVED

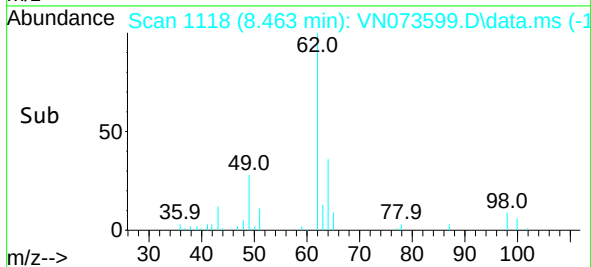
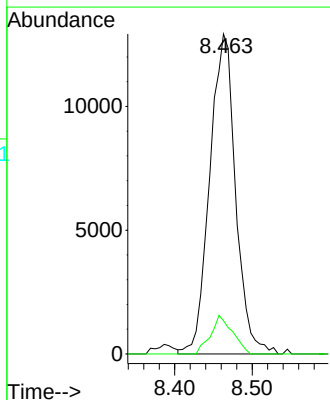
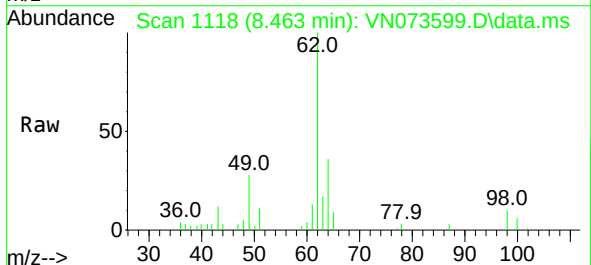
Reviewed By :John Carlone 07/28/2022

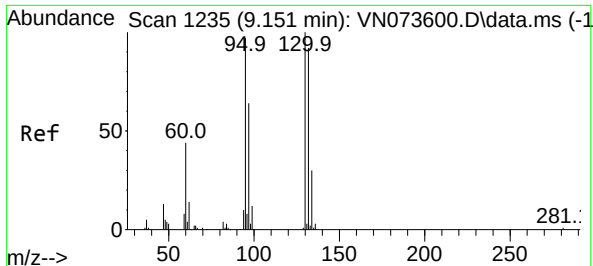
Supervised By :Mahesh Dadoda 07/28/2022



#36
1,2-Dichloroethane
Concen: 5.215 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Tgt Ion: 62 Resp: 30022
Ion Ratio Lower Upper
62 100
98 10.1 6.6 10.0#





#37

Trichloroethene

Concen: 5.377 ug/l

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN073599.D

Acq: 27 Jul 2022 11:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 21114

Ion Ratio Lower Upper

130 100

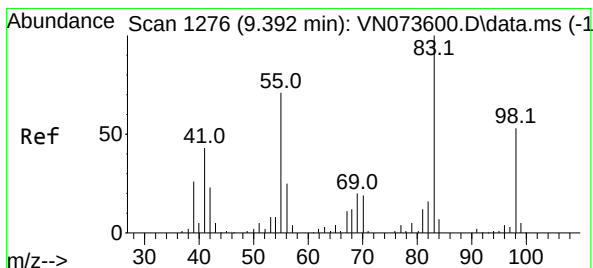
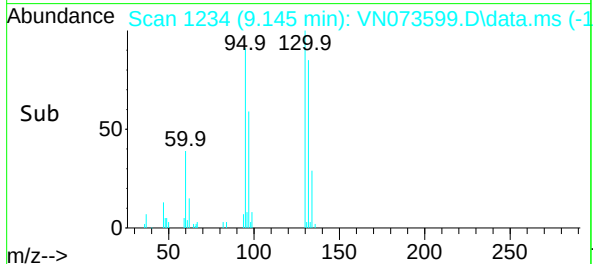
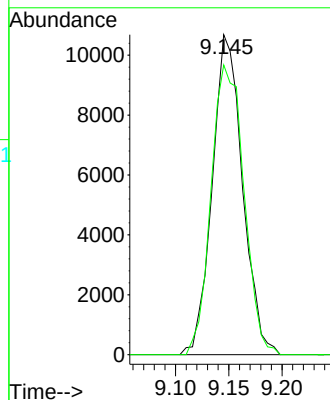
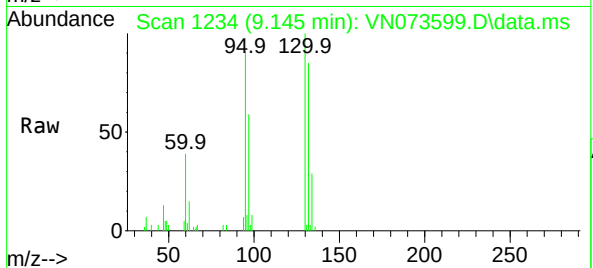
95 90.5 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#38

Methylcyclohexane

Concen: 5.116 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VN073599.D

Acq: 27 Jul 2022 11:30

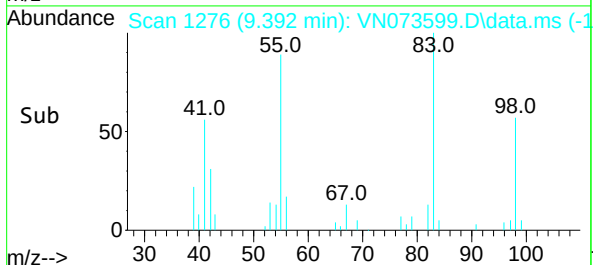
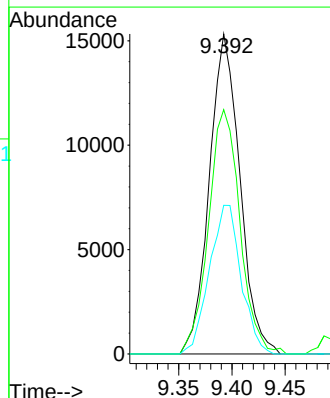
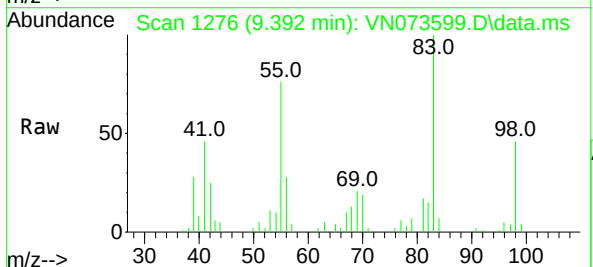
Tgt Ion: 83 Resp: 30612

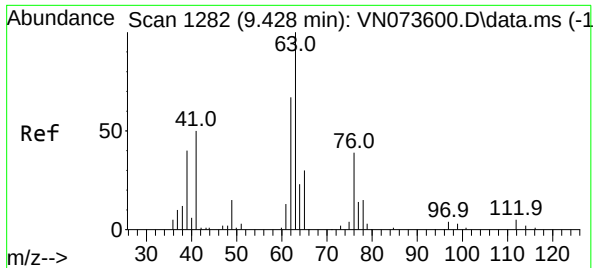
Ion Ratio Lower Upper

83 100

55 78.3 35.1 105.3

98 48.2 23.4 70.2





#39

1,2-Dichloropropane

Concen: 5.509 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073599.D

Acq: 27 Jul 2022 11:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 22514

Ion Ratio Lower Upper

63 100

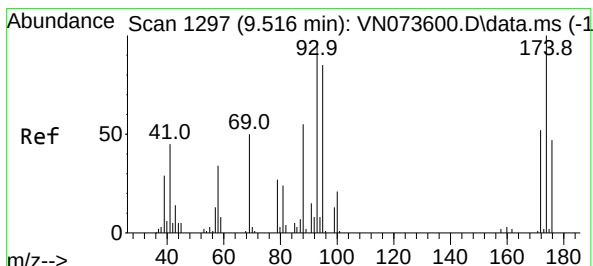
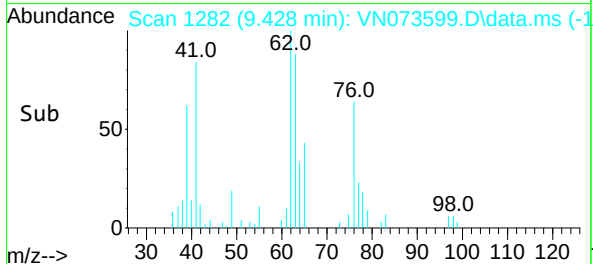
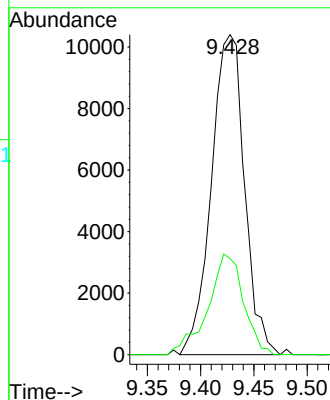
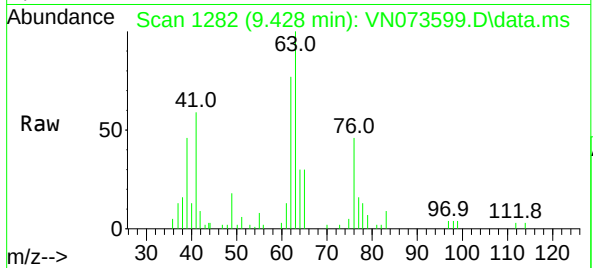
65 30.0 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#40

Dibromomethane

Concen: 5.453 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN073599.D

Acq: 27 Jul 2022 11:30

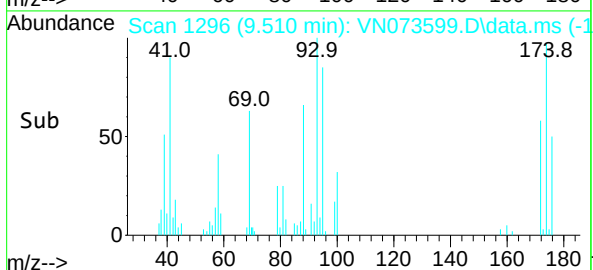
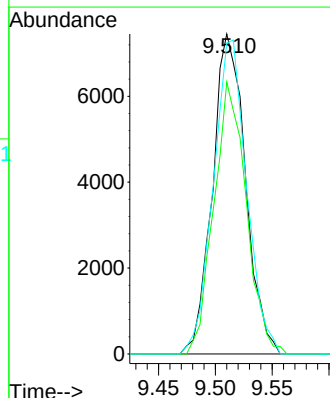
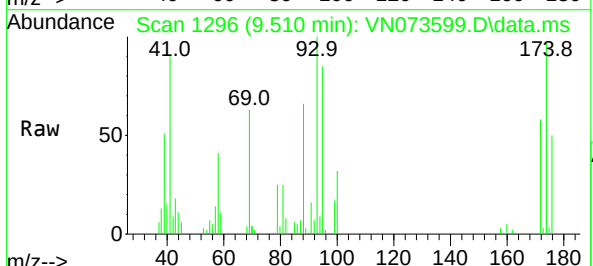
Tgt Ion: 93 Resp: 15048

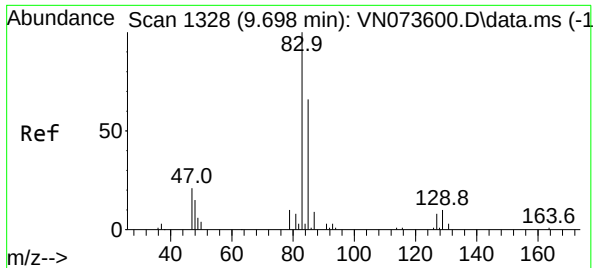
Ion Ratio Lower Upper

93 100

95 83.2 0.0 168.8

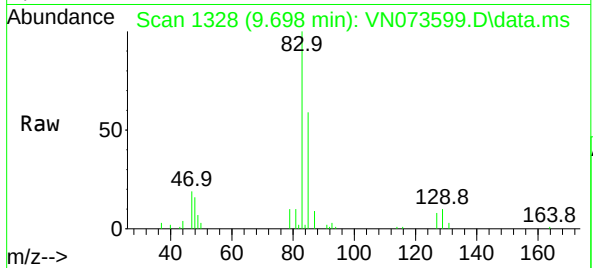
174 99.3 0.0 173.6





#41
Bromodichloromethane
Concen: 5.350 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

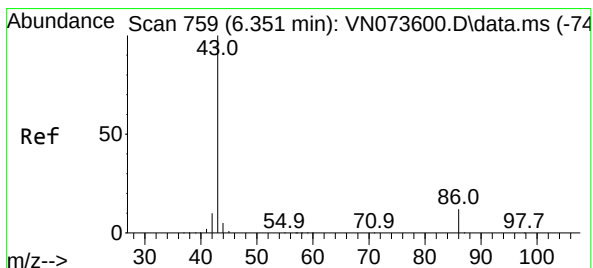
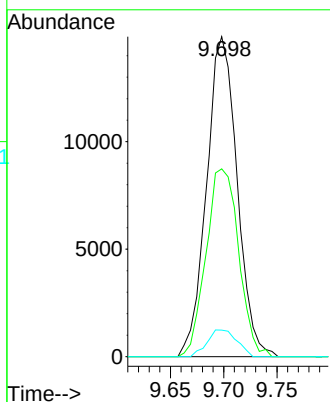
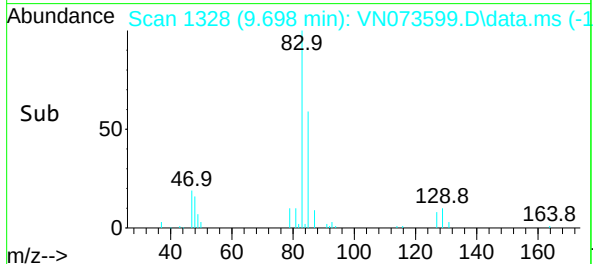
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



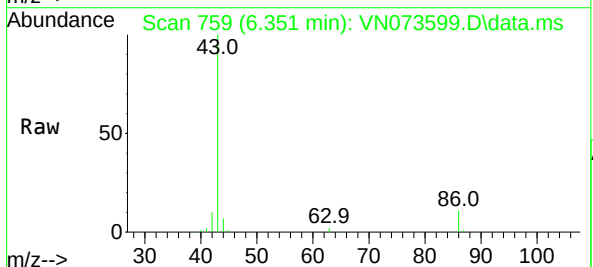
Tgt Ion: 83 Resp: 2969
Ion Ratio Lower Upper
83 100
85 58.7 54.1 81.1
127 8.3 7.6 11.4

Manual Integrations
APPROVED

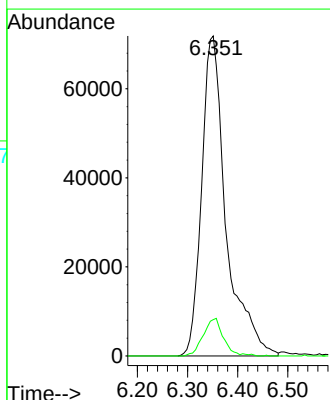
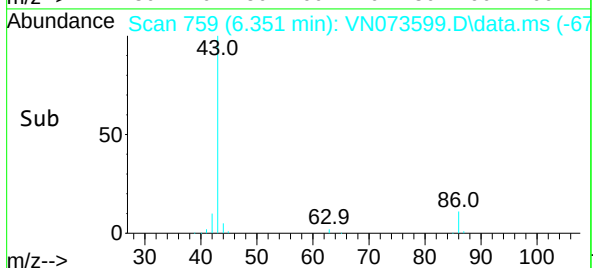
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

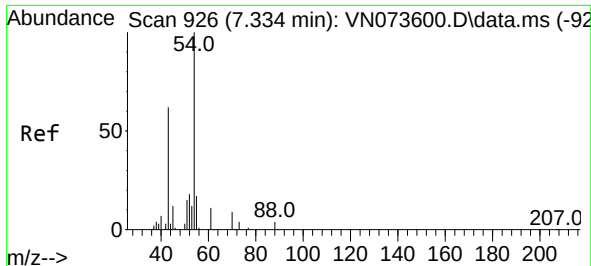


#42
Vinyl Acetate
Concen: 20.954 ug/l
RT: 6.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30



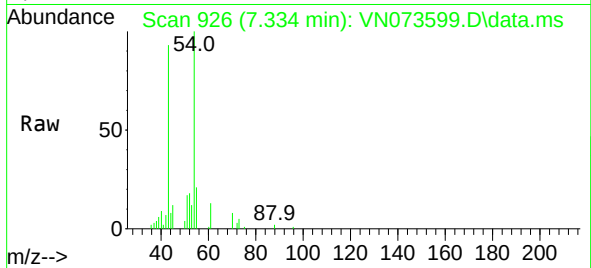
Tgt Ion: 43 Resp: 243400
Ion Ratio Lower Upper
43 100
86 9.5 7.5 11.3





#43
Ethyl Acetate
Concen: 5.228 ug/l
RT: 7.334 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

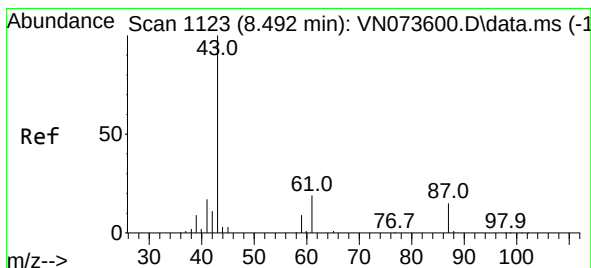
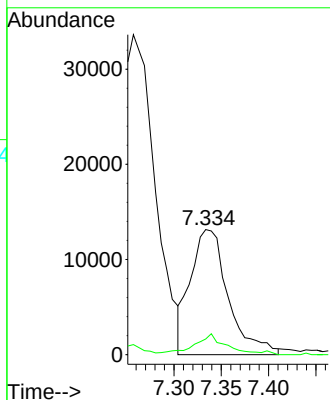
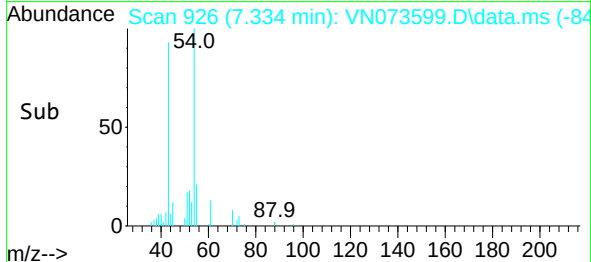
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



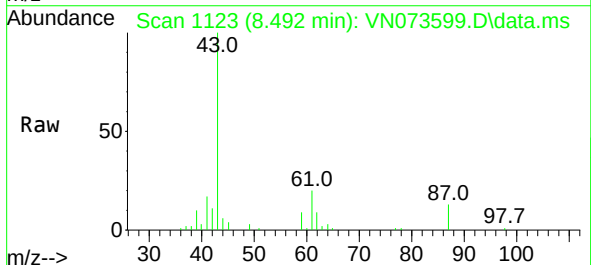
Tgt Ion: 43 Resp: 36520
Ion Ratio Lower Upper
43 100
45 12.2 10.6 16.0

Manual Integrations
APPROVED

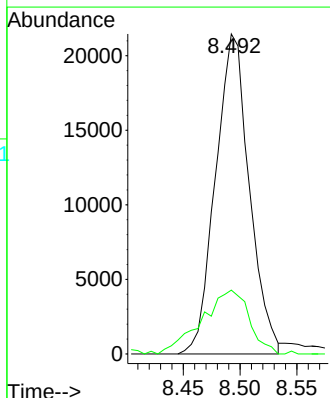
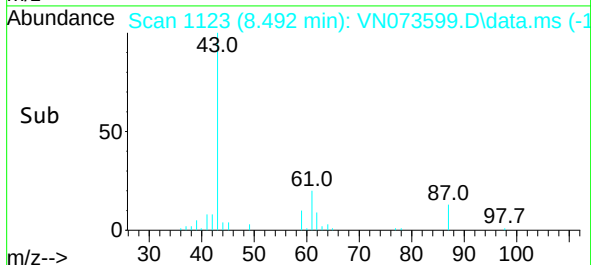
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

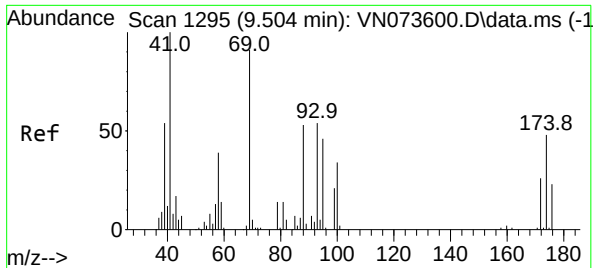


#44
Isopropyl Acetate
Concen: 4.064 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30



Tgt Ion: 43 Resp: 44313
Ion Ratio Lower Upper
43 100
61 28.0 20.1 30.1





#45

1,4-Dioxane

Concen: 104.195 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073599.D

Acq: 27 Jul 2022 11:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 10690

Ion Ratio Lower Upper

88 100

43 28.2 25.0 37.6

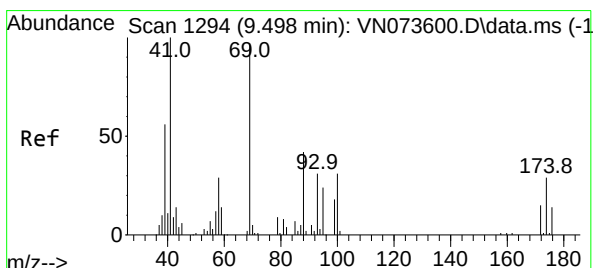
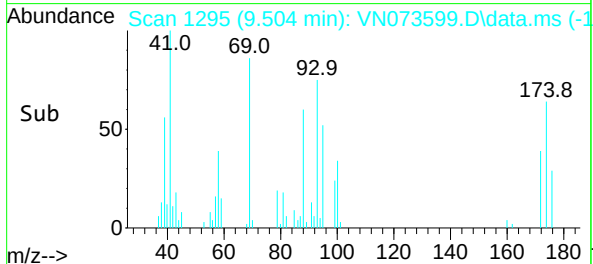
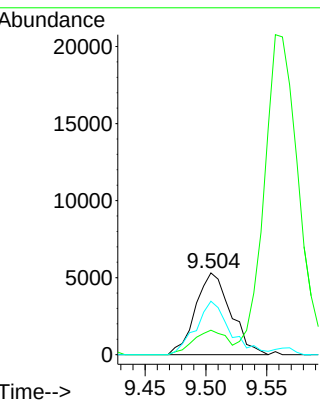
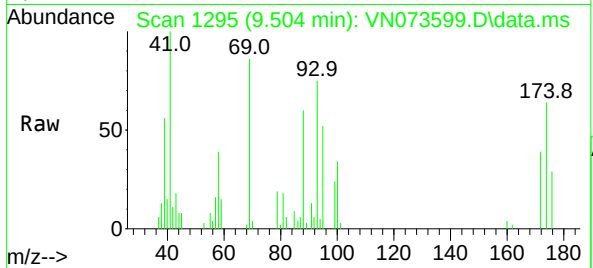
58 63.0 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#46

Methyl methacrylate

Concen: 4.064 ug/l

RT: 9.492 min Scan# 1293

Delta R.T. -0.006 min

Lab File: VN073599.D

Acq: 27 Jul 2022 11:30

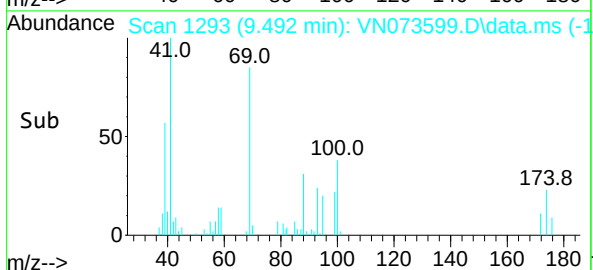
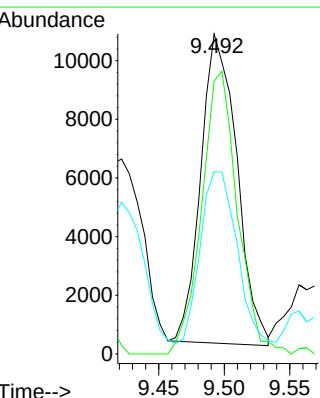
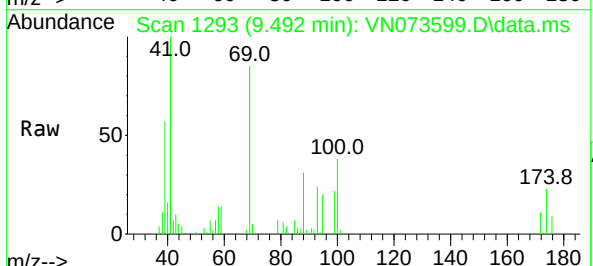
Tgt Ion: 41 Resp: 20121

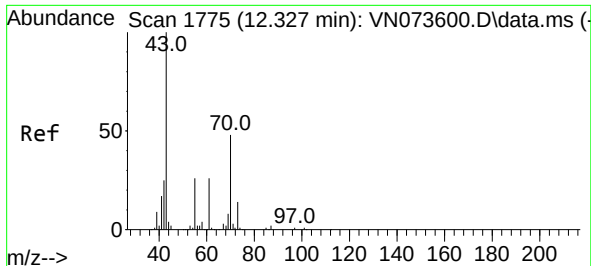
Ion Ratio Lower Upper

41 100

69 89.0 44.4 133.2

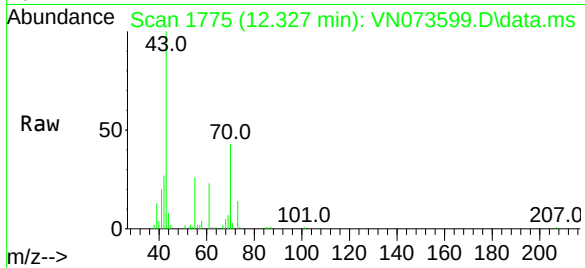
39 55.0 39.9 119.6





#47
n-amy1 Acetate
Concen: 3.465 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

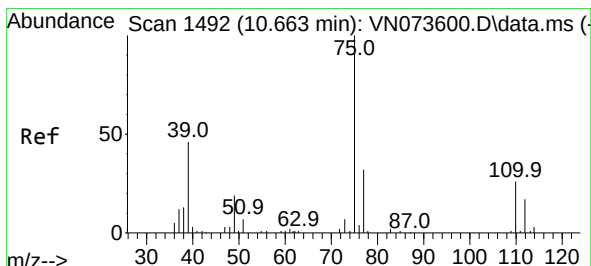
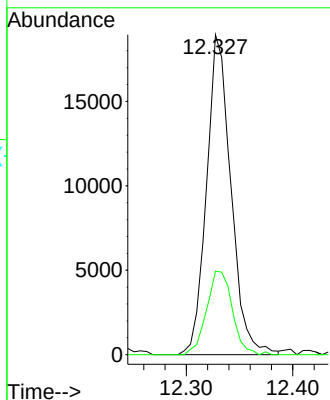
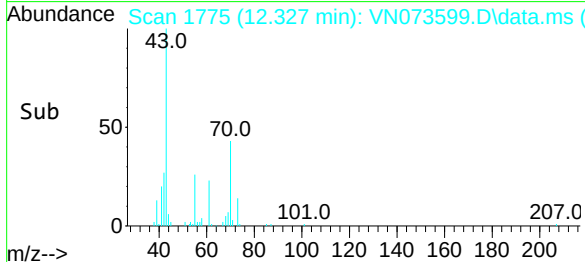
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 30180
Ion Ratio Lower Upper
43 100
55 27.4 19.0 28.6

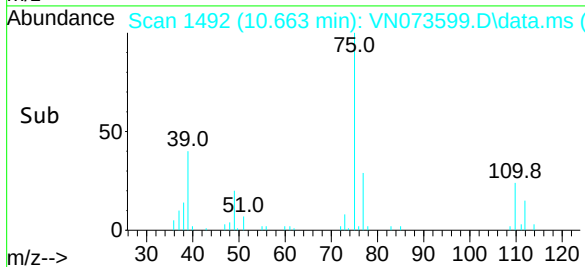
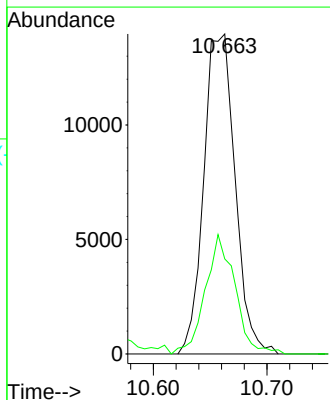
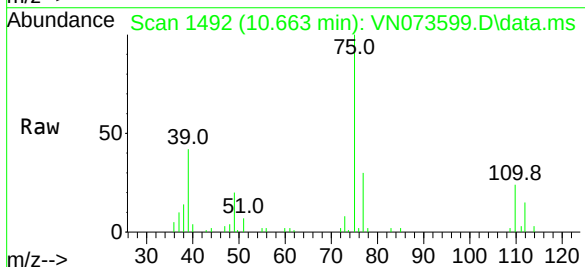
Manual Integrations
APPROVED

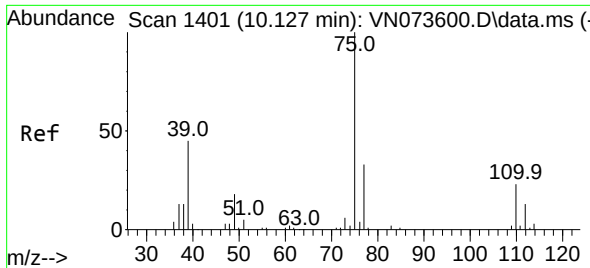
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#48
t-1,3-Dichloropropene
Concen: 5.128 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

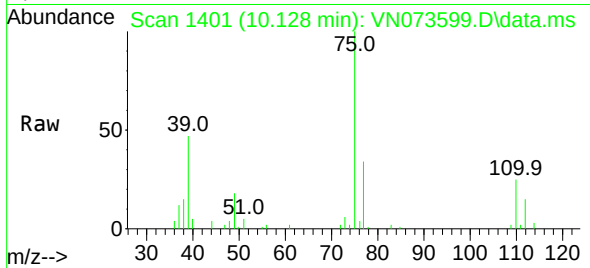
Tgt Ion: 75 Resp: 26805
Ion Ratio Lower Upper
75 100
77 28.4 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 5.314 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN073599.D
 Acq: 27 Jul 2022 11:30

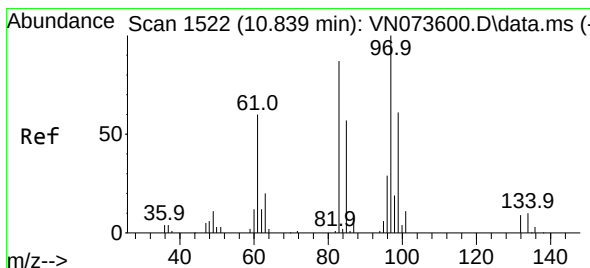
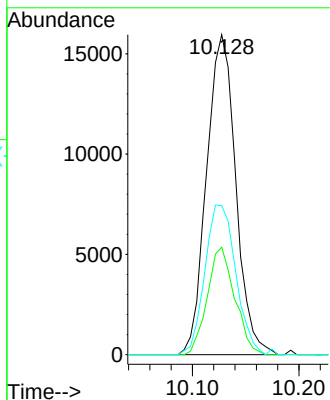
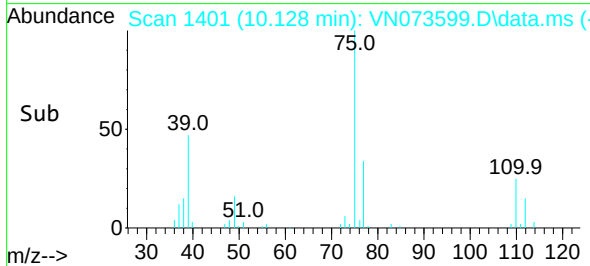
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 75 Resp: 3039
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.3 37.9
 39 46.5 46.2 69.4

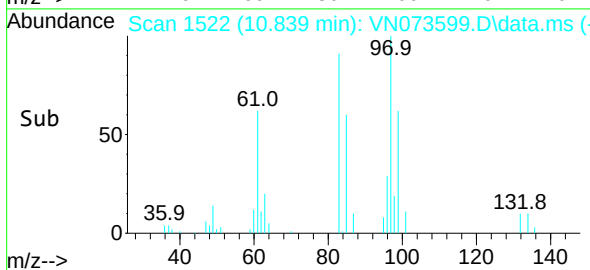
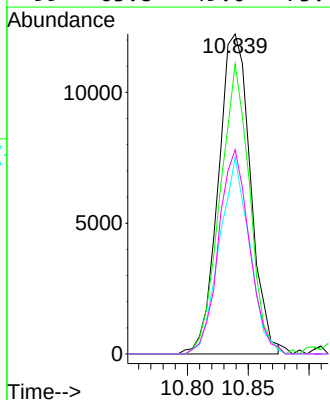
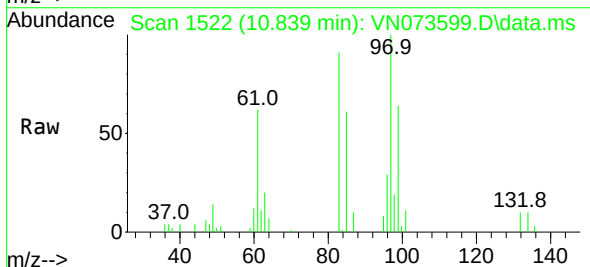
Manual Integrations
 APPROVED

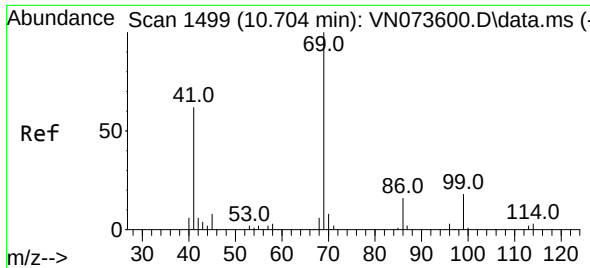
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022



#50
 1,1,2-Trichloroethane
 Concen: 5.612 ug/l
 RT: 10.839 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: VN073599.D
 Acq: 27 Jul 2022 11:30

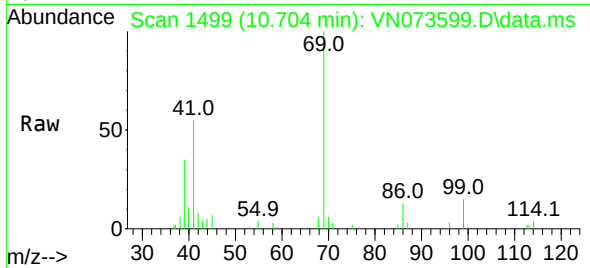
Tgt Ion: 97 Resp: 22476
 Ion Ratio Lower Upper
 97 100
 83 90.7 67.2 100.8
 85 61.4 43.0 64.4
 99 63.8 49.0 73.4





#51
Ethyl methacrylate
Concen: 4.312 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

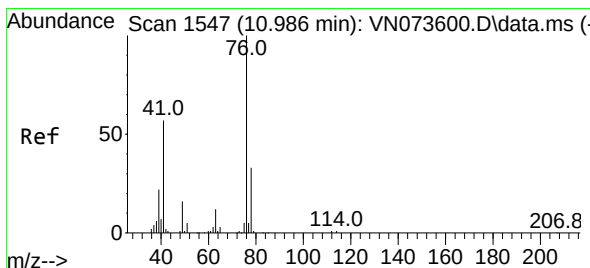
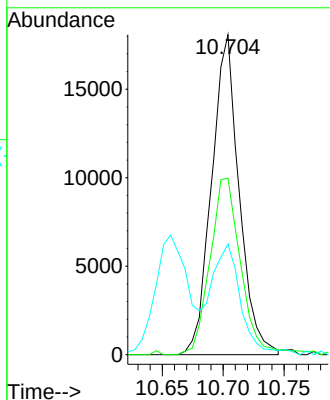
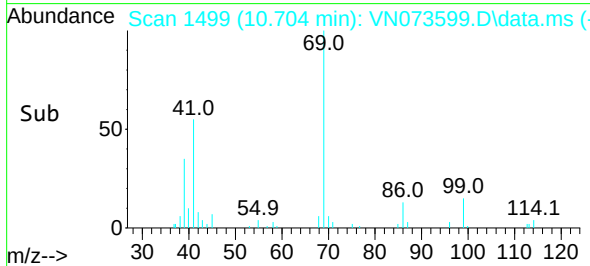
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



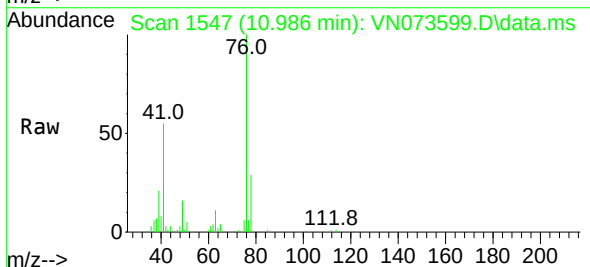
Tgt Ion: 69 Resp: 2846
Ion Ratio Lower Upper
69 100
41 55.1 33.0 98.9
39 33.4 25.4 76.4

Manual Integrations
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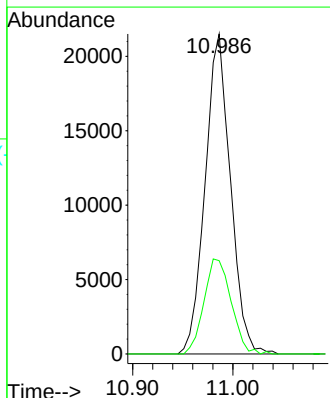
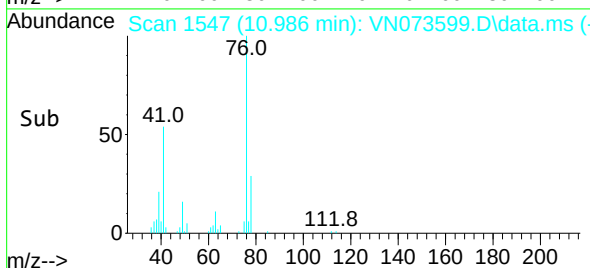
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

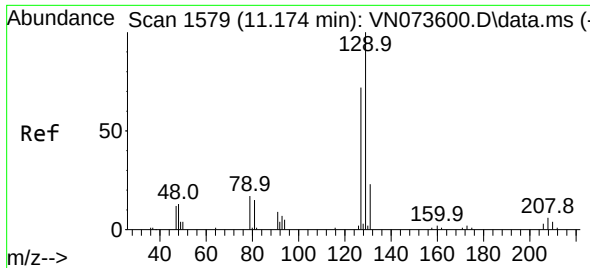


#52
1,3-Dichloropropane
Concen: 5.482 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30



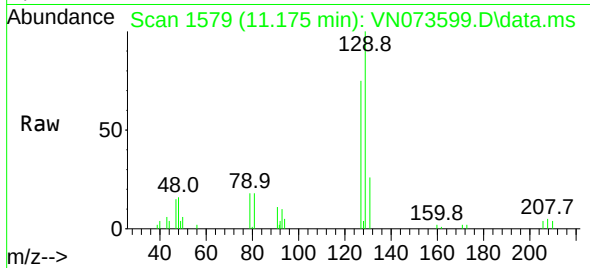
Tgt Ion: 76 Resp: 37758
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.4





#53
Dibromochloromethane
Concen: 4.912 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

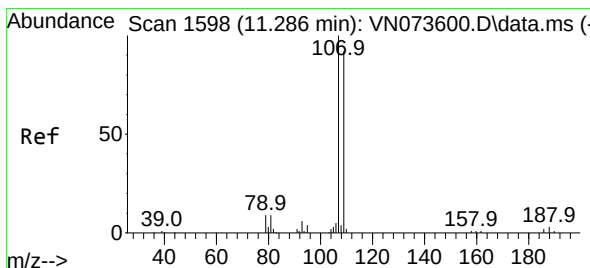
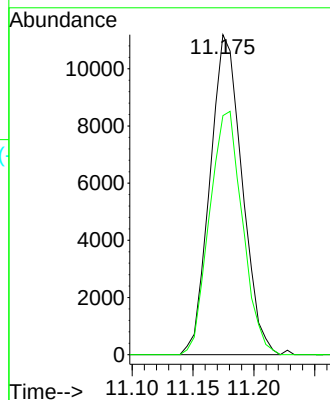
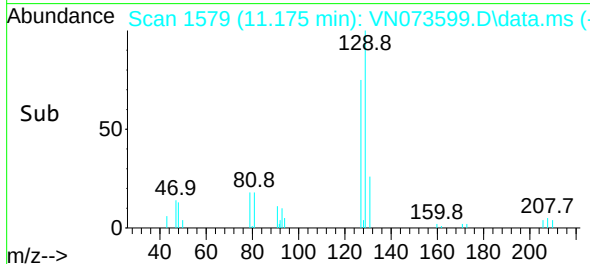
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



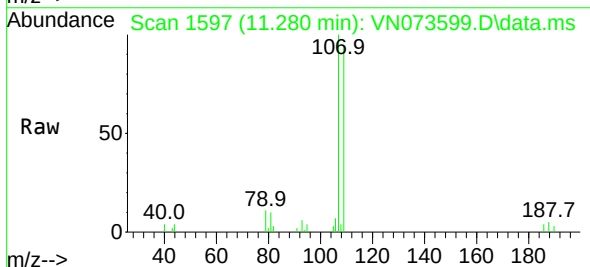
Tgt Ion:129 Resp: 2050
Ion Ratio Lower Upper
129 100
127 78.4 39.0 117.0

Manual Integrations
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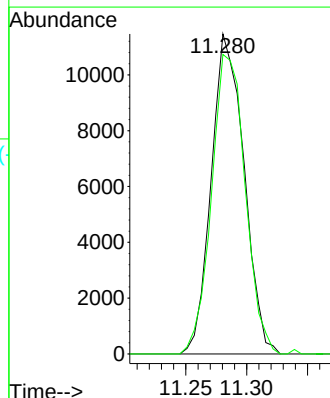
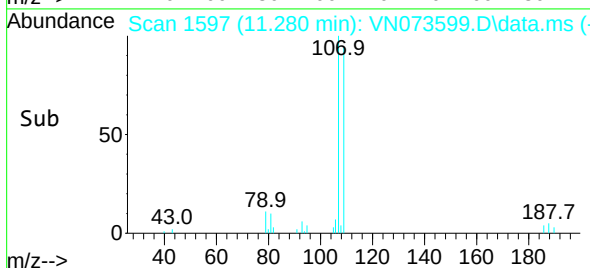
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

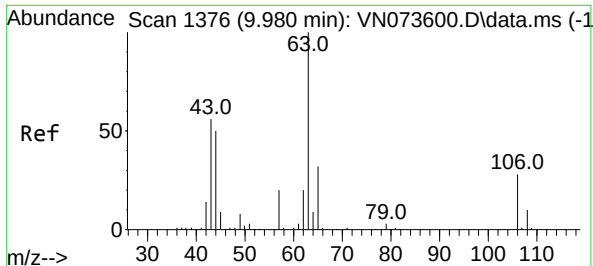


#54
1,2-Dibromoethane
Concen: 5.105 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30



Tgt Ion:107 Resp: 21381
Ion Ratio Lower Upper
107 100
109 96.3 72.8 109.2





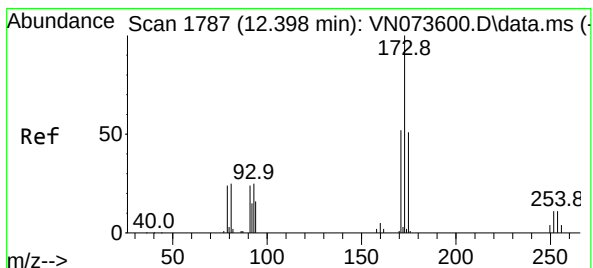
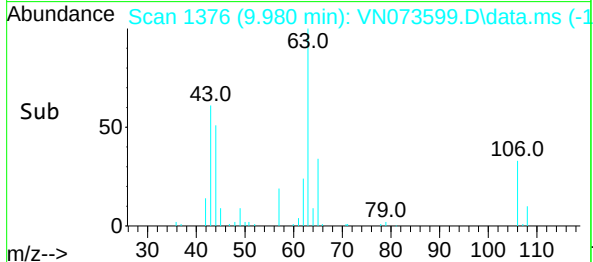
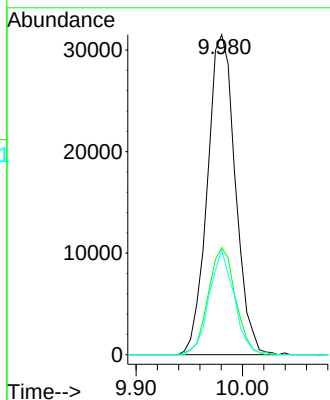
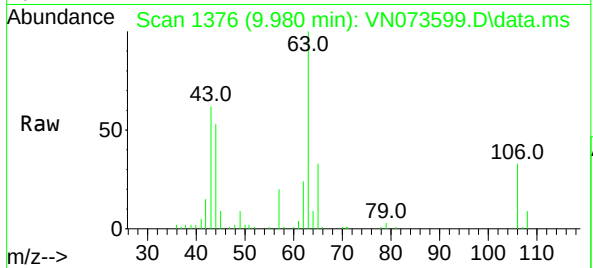
#55
2-Chloroethyl vinyl ether
Concen: 20.217 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 5736
Ion Ratio Lower Upper
63 100
65 32.5 25.4 38.0
106 29.2 23.2 34.8

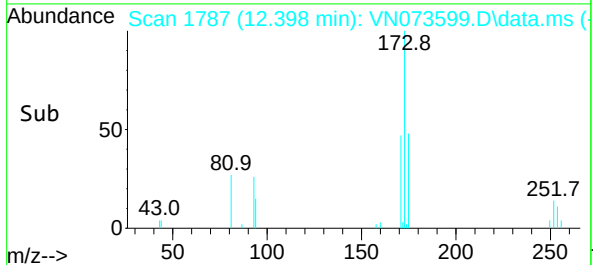
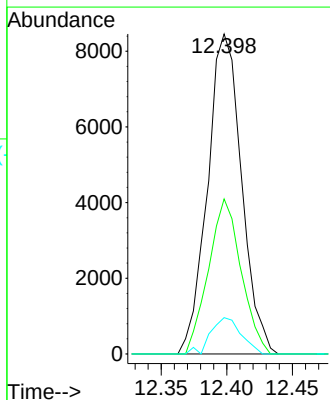
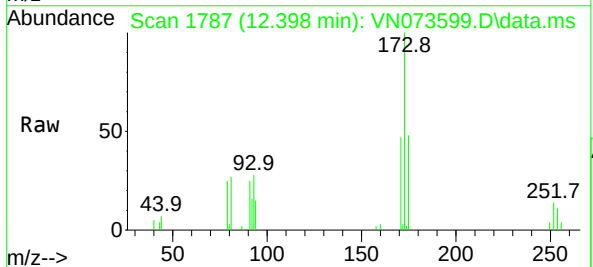
Manual Integrations
APPROVED

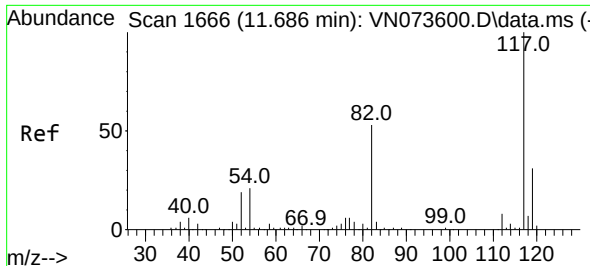
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#56
Bromoform
Concen: 4.972 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

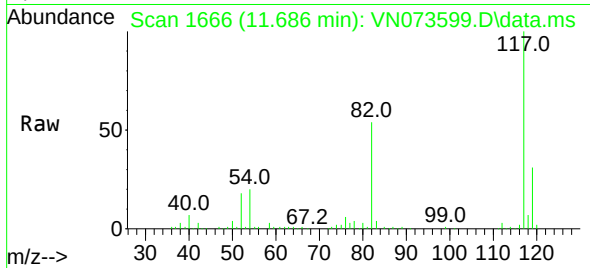
Tgt Ion:173 Resp: 15281
Ion Ratio Lower Upper
173 100
175 46.4 38.6 58.0
254 9.7 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

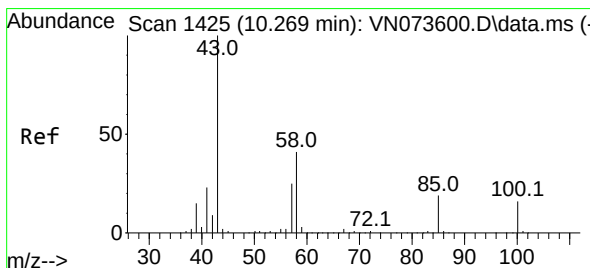
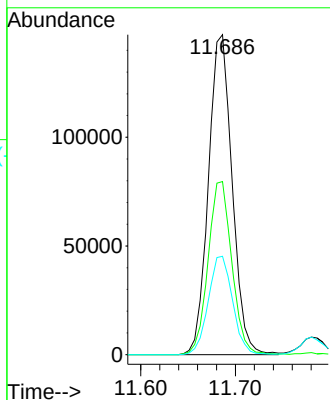
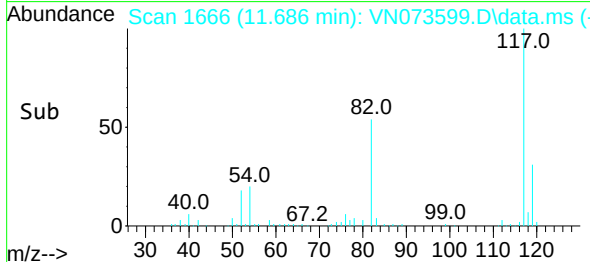
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 256878
Ion Ratio Lower Upper
117 100
82 54.1 43.6 65.4
119 31.5 25.8 38.6

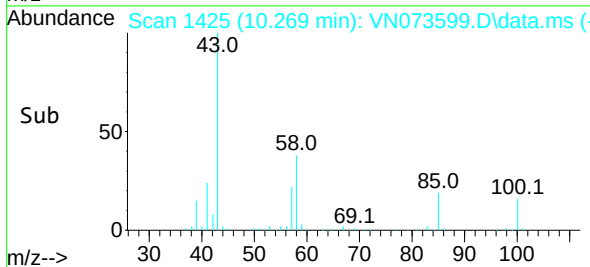
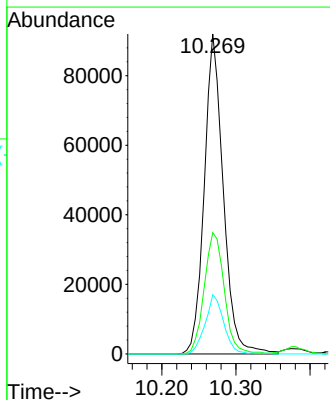
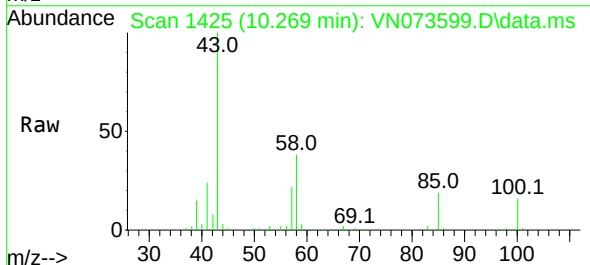
Manual Integrations
APPROVED

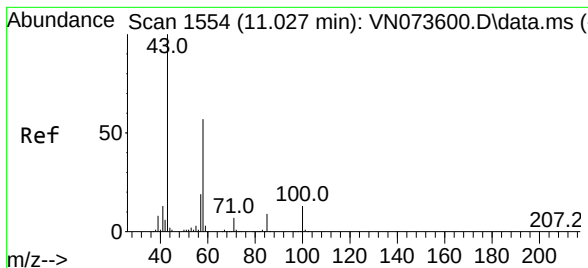
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#58
4-Methyl-2-Pentanone
Concen: 22.409 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

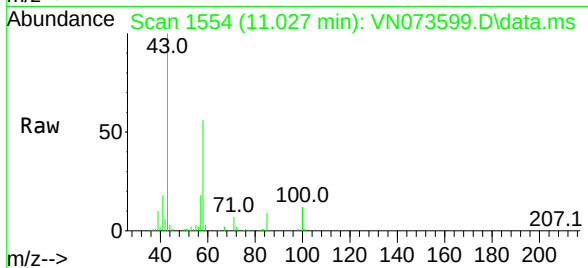
Tgt Ion: 43 Resp: 163944
Ion Ratio Lower Upper
43 100
58 39.7 30.0 45.0
85 17.9 15.0 22.6





#59
2-Hexanone
Concen: 22.226 ug/l
RT: 11.027 min Scan# 11027
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

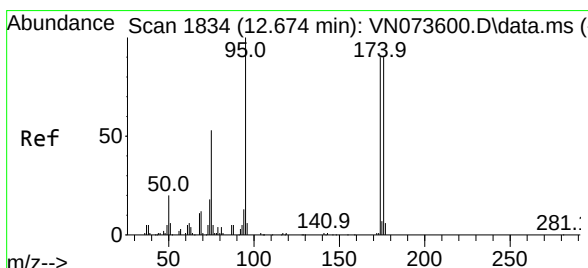
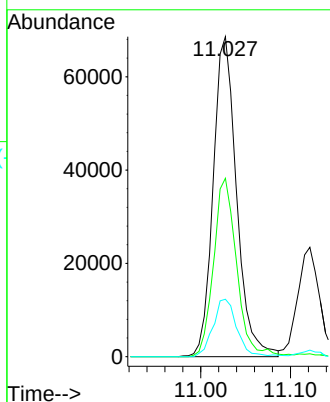
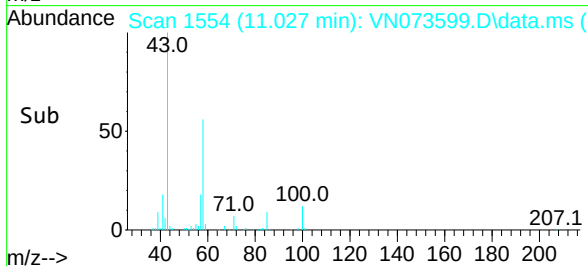
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



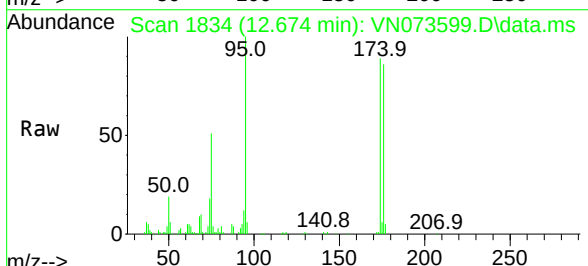
Tgt Ion: 43 Resp: 124329
Ion Ratio Lower Upper
43 100
58 53.8 42.2 63.2
57 18.0 15.0 22.4

Manual Integrations
APPROVED

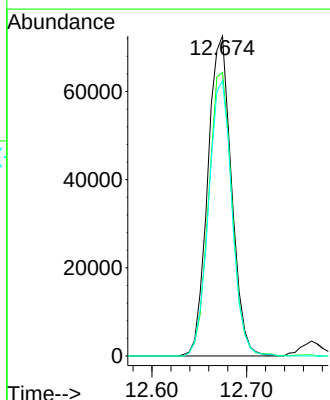
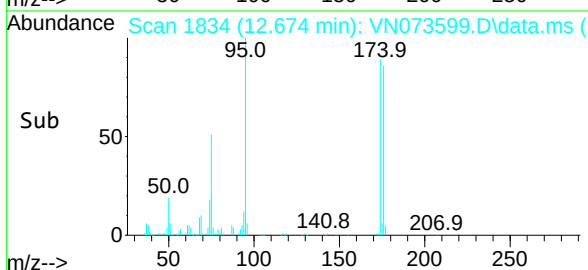
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

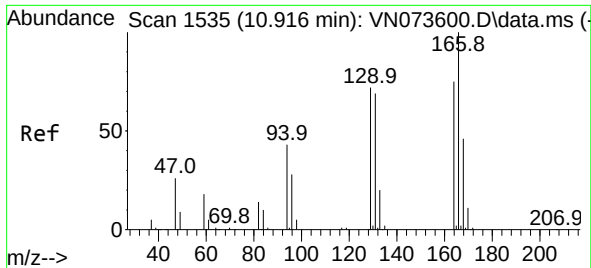


#60
4-Bromofluorobenzene
Concen: 25.958 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30



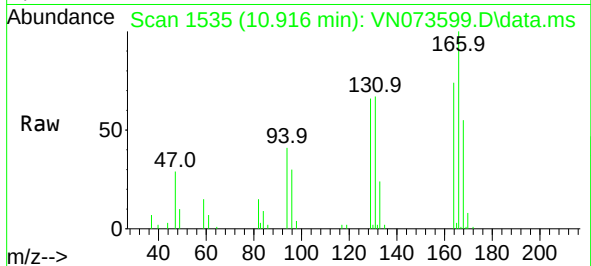
Tgt Ion: 95 Resp: 126181
Ion Ratio Lower Upper
95 100
174 87.2 62.9 94.3
176 84.7 61.0 91.4





#61
Tetrachloroethene
Concen: 6.099 ug/l
RT: 10.916 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

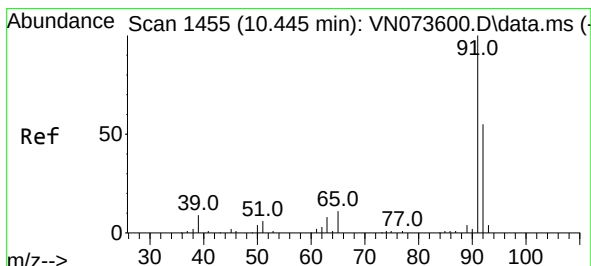
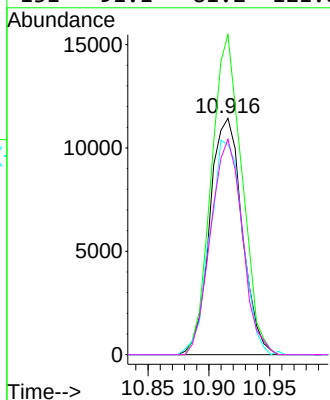
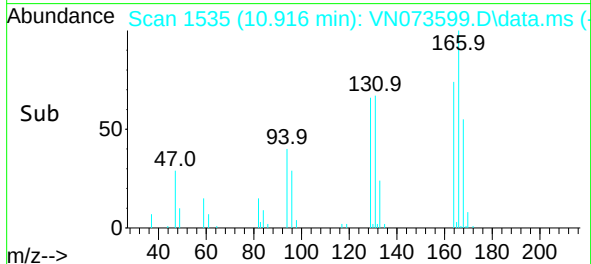
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



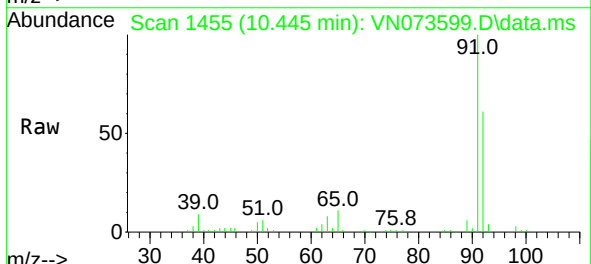
Tgt Ion:164 Resp: 2108
Ion Ratio Lower Upper
164 100
166 135.4 105.8 158.8
129 88.9 82.5 123.7
131 91.1 81.2 121.8

Manual Integrations
APPROVED

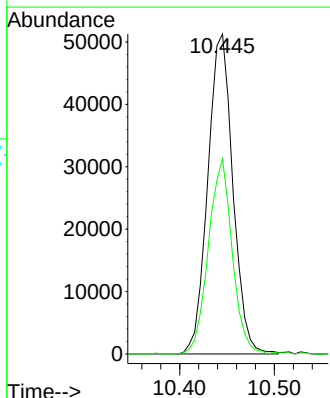
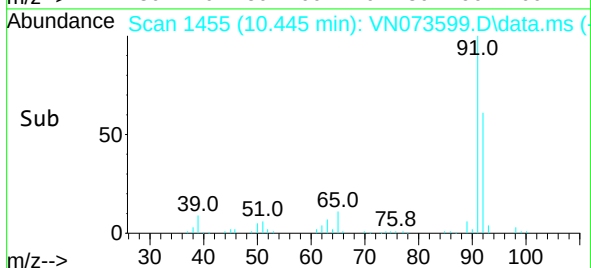
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

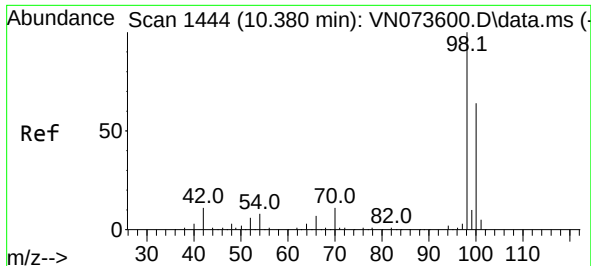


#62
Toluene
Concen: 5.477 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30



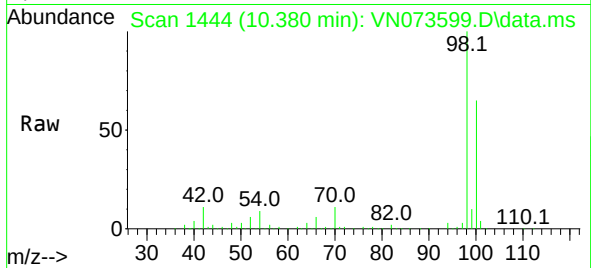
Tgt Ion: 91 Resp: 94341
Ion Ratio Lower Upper
91 100
92 57.8 44.6 67.0





#63
Toluene-d8
Concen: 32.102 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

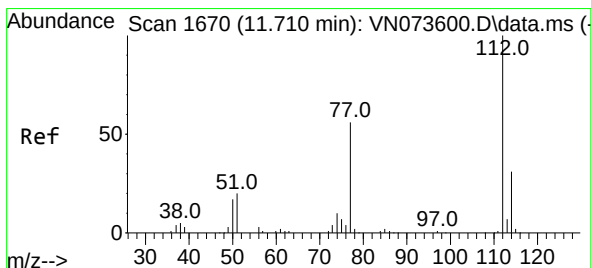
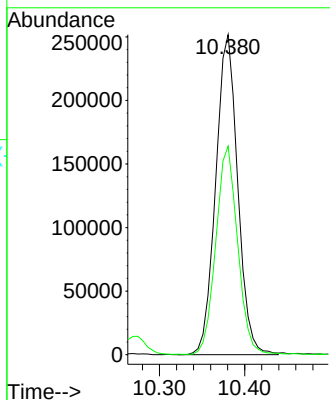
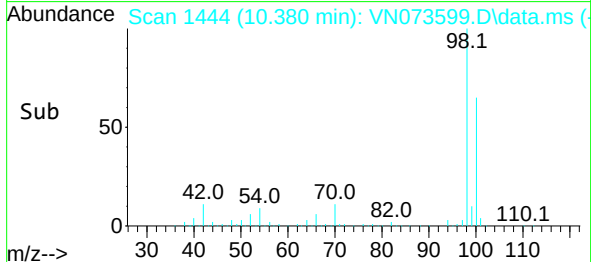
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 98 Resp: 452320
Ion Ratio Lower Upper
98 100
100 64.5 50.6 76.0

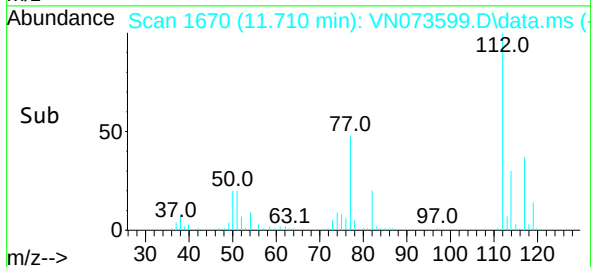
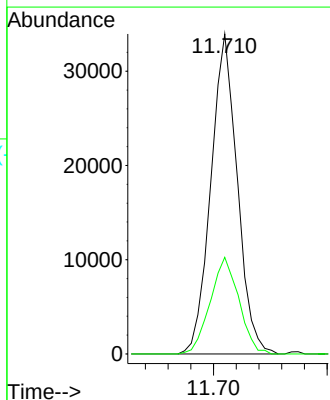
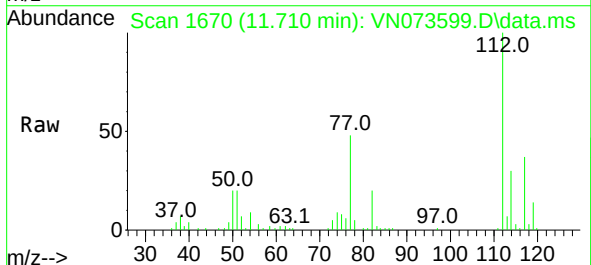
Manual Integrations
APPROVED

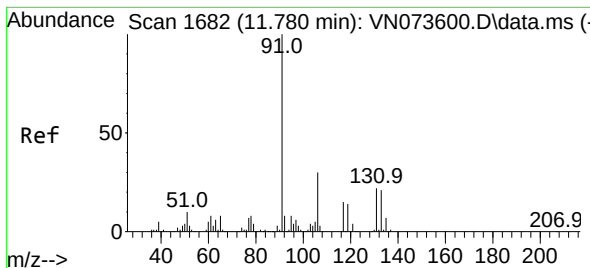
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#64
Chlorobenzene
Concen: 5.324 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

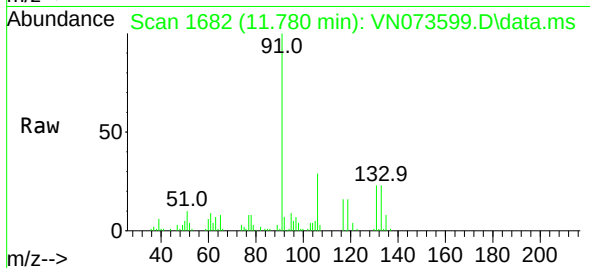
Tgt Ion:112 Resp: 54883
Ion Ratio Lower Upper
112 100
114 30.2 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 5.086 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

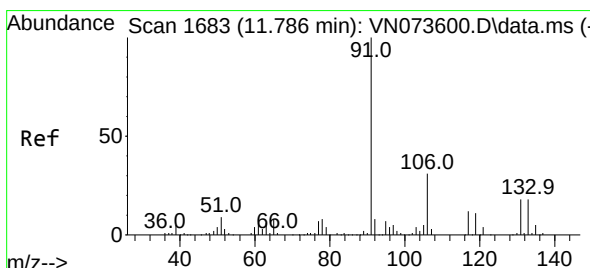
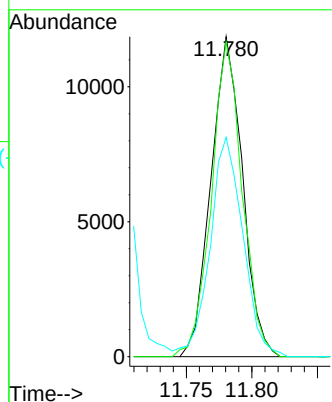
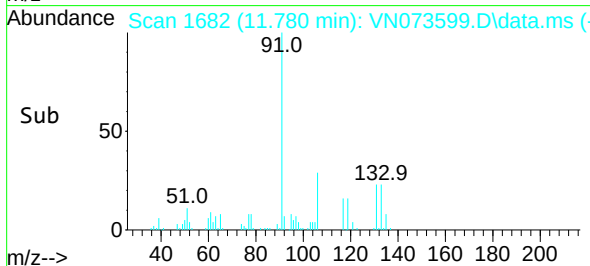
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:131 Resp: 19850
Ion Ratio Lower Upper
131 100
133 96.1 0.0 191.2
119 71.2 0.0 128.8

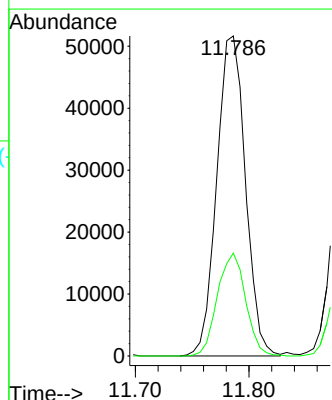
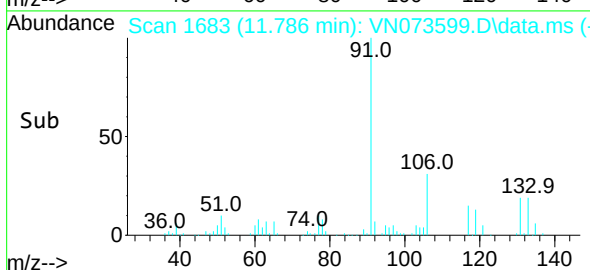
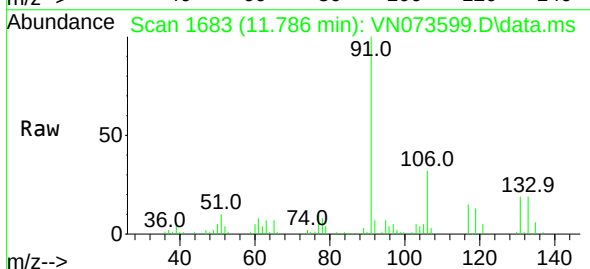
Manual Integrations
APPROVED

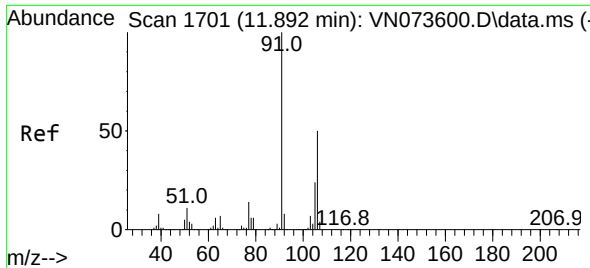
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#66
Ethyl Benzene
Concen: 4.808 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Tgt Ion: 91 Resp: 90594
Ion Ratio Lower Upper
91 100
106 32.1 24.0 36.0





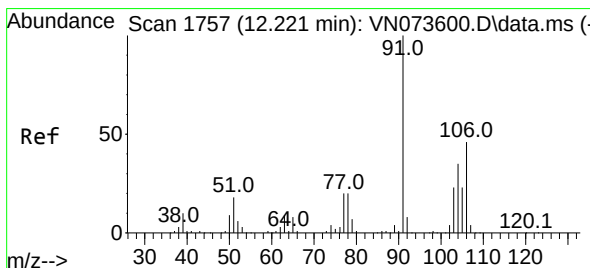
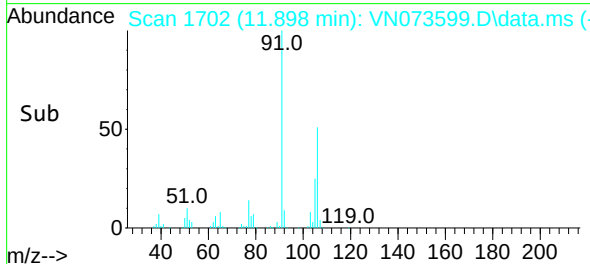
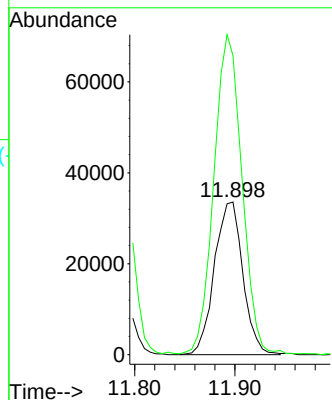
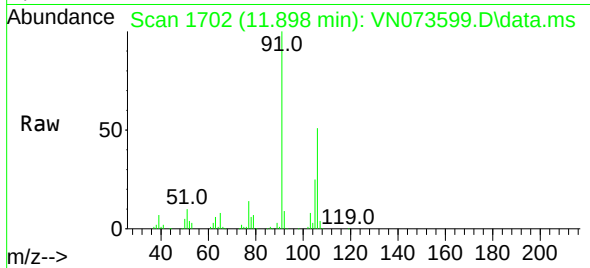
#67
m/p-Xylenes
Concen: 9.313 ug/l
RT: 11.898 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 6608
Ion Ratio Lower Upper
106 100
91 205.5 162.9 244.3

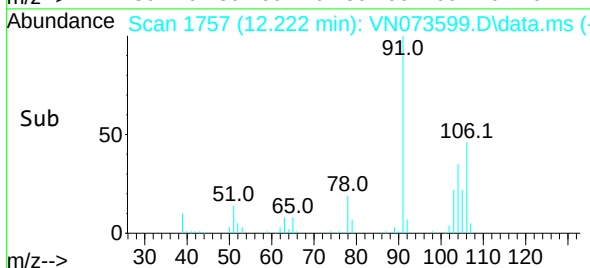
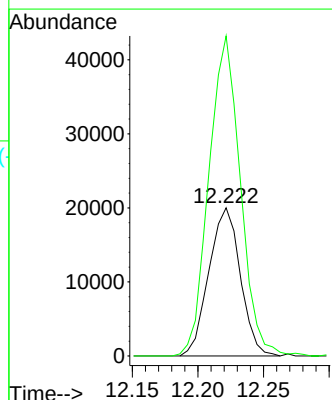
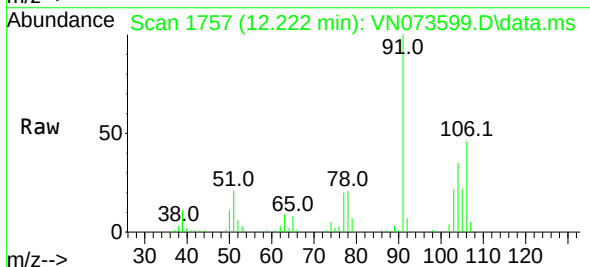
Manual Integrations
APPROVED

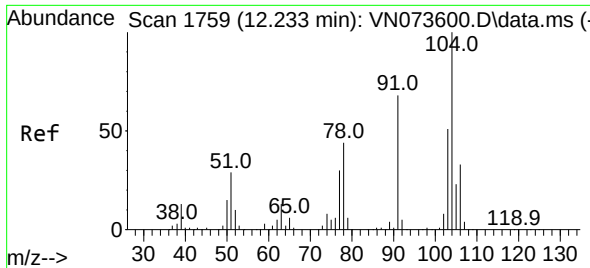
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#68
o-Xylene
Concen: 4.698 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Tgt Ion:106 Resp: 33383
Ion Ratio Lower Upper
106 100
91 216.0 107.7 323.1





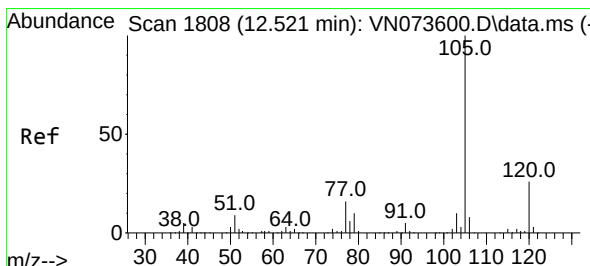
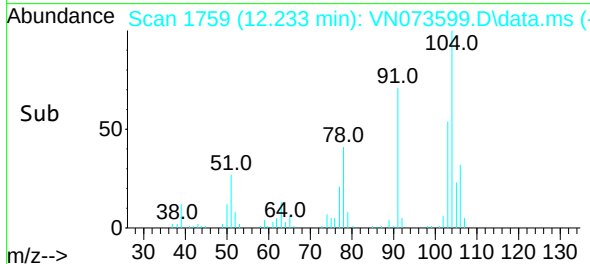
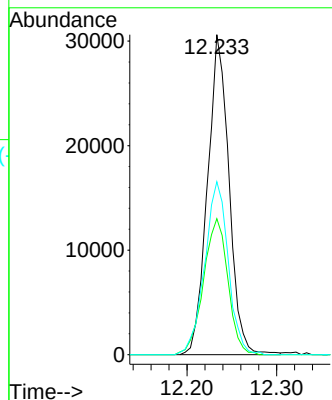
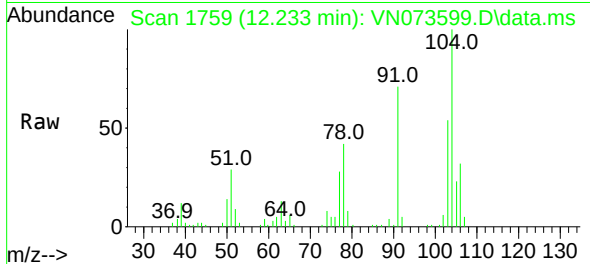
#69
Styrene
Concen: 4.440 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:104 Resp: 5099
Ion Ratio Lower Upper
104 100
78 48.2 40.7 61.1
103 59.0 45.8 68.8

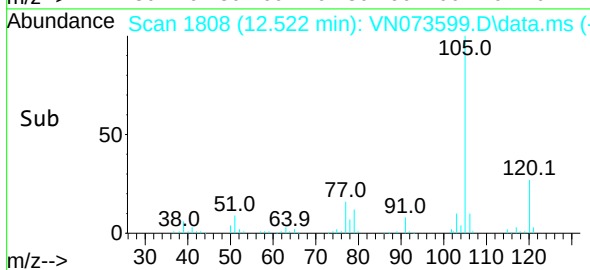
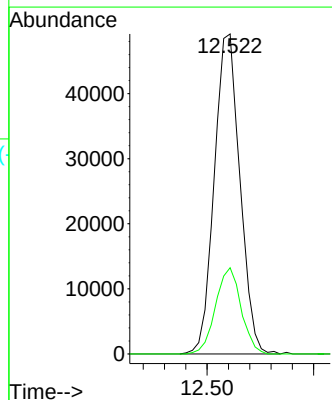
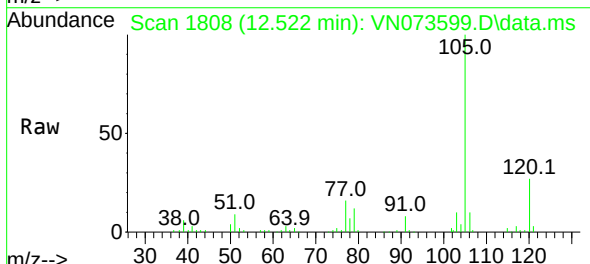
Manual Integrations
APPROVED

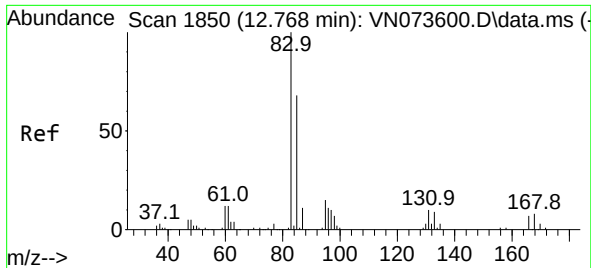
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#70
Isopropylbenzene
Concen: 4.493 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Tgt Ion:105 Resp: 81995
Ion Ratio Lower Upper
105 100
120 26.8 18.3 34.1





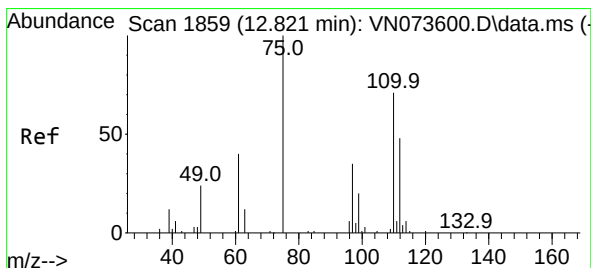
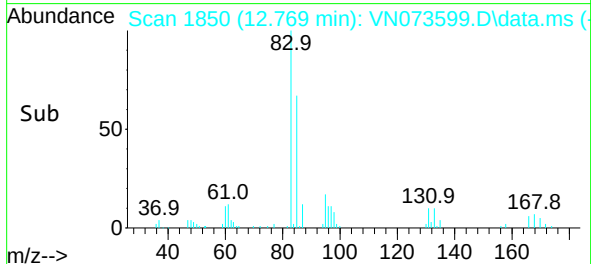
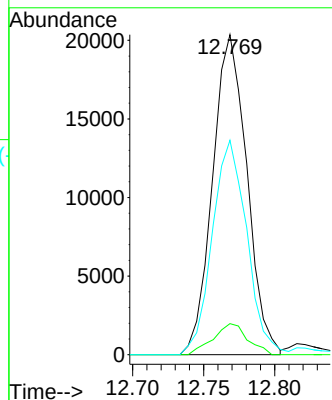
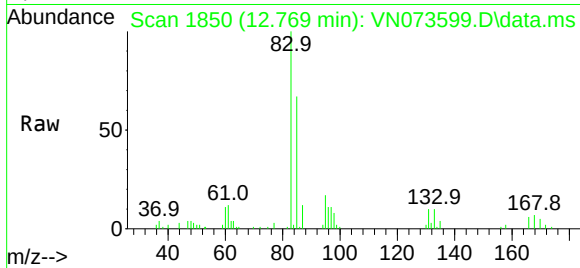
#71
1,1,2,2-Tetrachloroethane
Concen: 5.377 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 34190
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 67.5 33.1 99.2

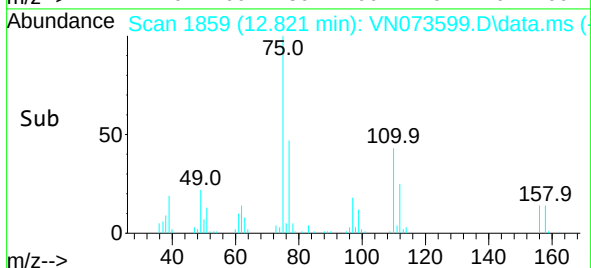
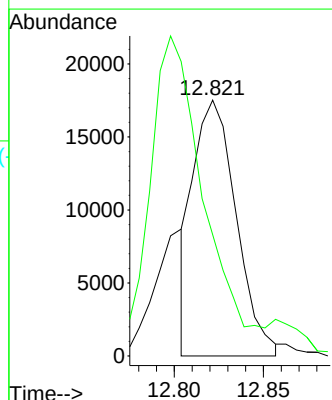
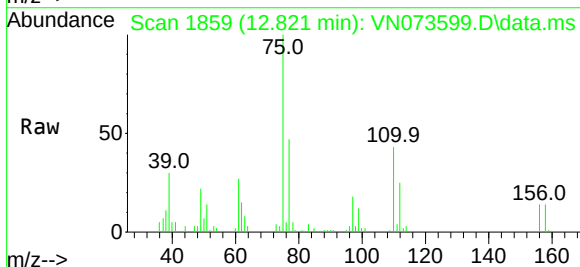
Manual Integrations
APPROVED

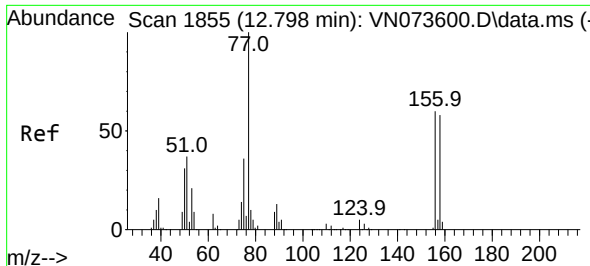
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#72
1,2,3-Trichloropropane
Concen: 5.877 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Tgt Ion: 75 Resp: 29330
Ion Ratio Lower Upper
75 100
77 153.9 0.0 378.0





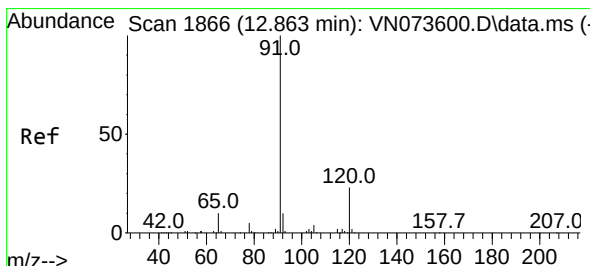
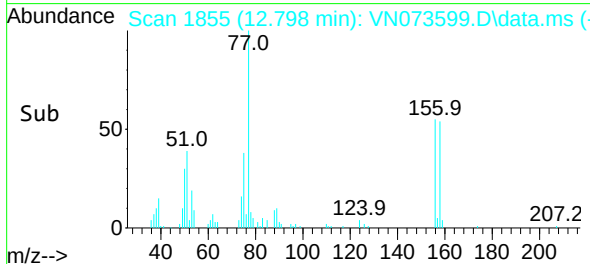
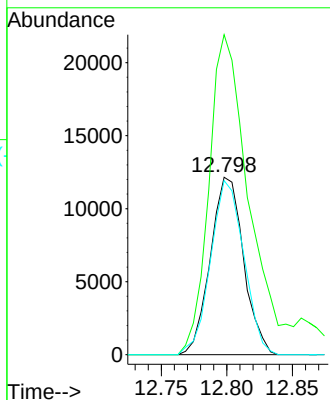
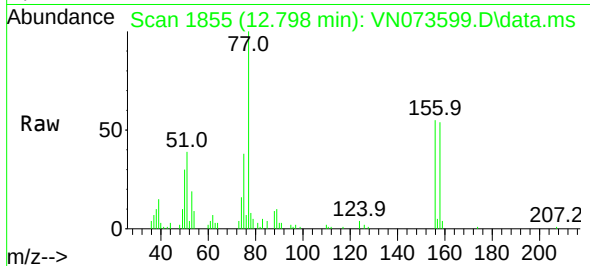
#73
Bromobenzene
Concen: 4.980 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 21414
Ion Ratio Lower Upper
156 100
77 210.8 0.0 416.0
158 98.1 0.0 195.4

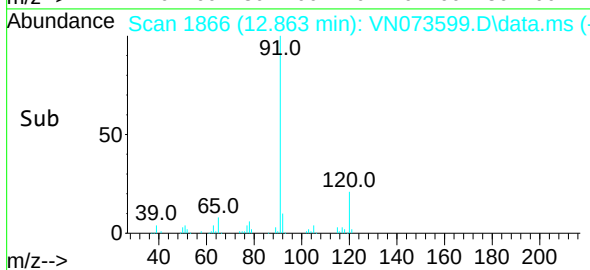
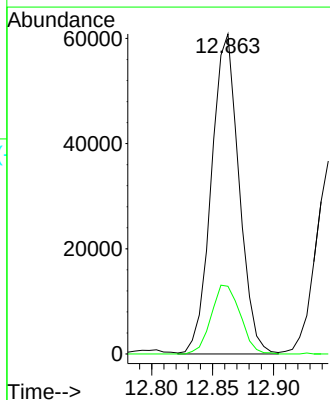
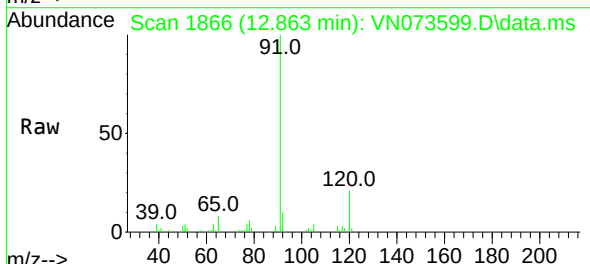
Manual Integrations
APPROVED

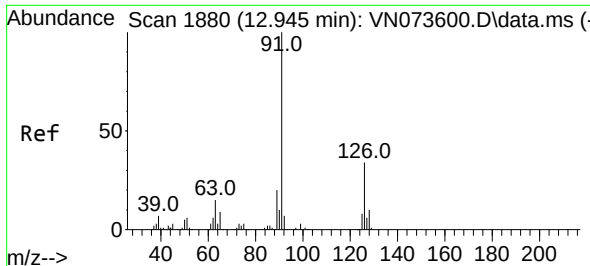
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#74
n-propylbenzene
Concen: 4.609 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Tgt Ion: 91 Resp: 96172
Ion Ratio Lower Upper
91 100
120 22.5 0.0 45.0





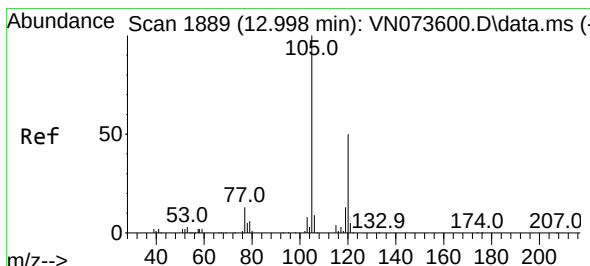
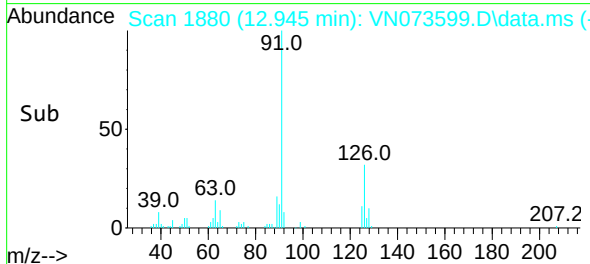
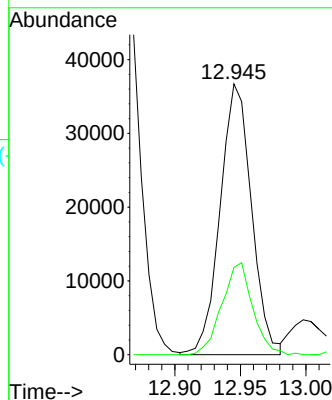
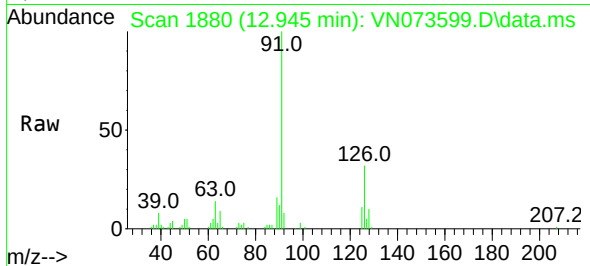
#75
2-Chlorotoluene
Concen: 4.725 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 6117
Ion Ratio Lower Upper
91 100
126 33.2 0.0 69.8

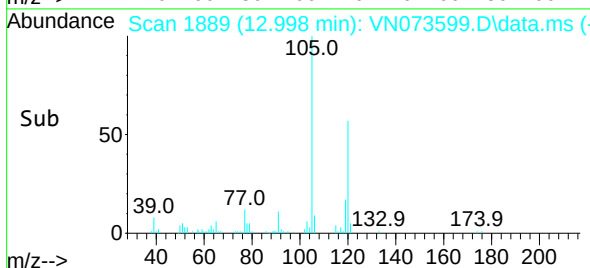
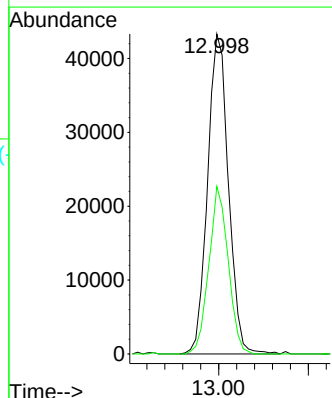
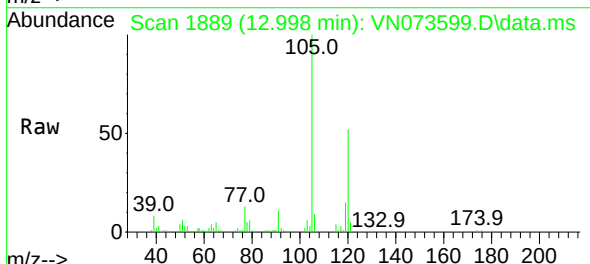
Manual Integrations
APPROVED

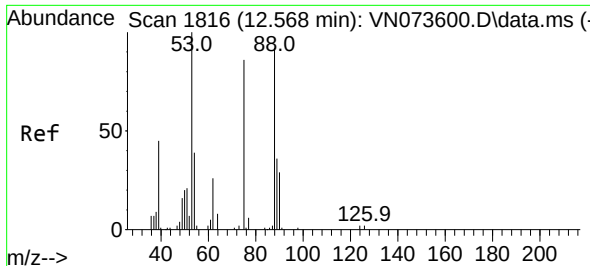
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#76
1,3,5-Trimethylbenzene
Concen: 4.569 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Tgt Ion:105 Resp: 69745
Ion Ratio Lower Upper
105 100
120 48.6 0.0 93.8





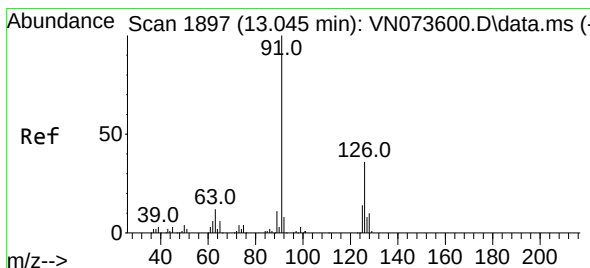
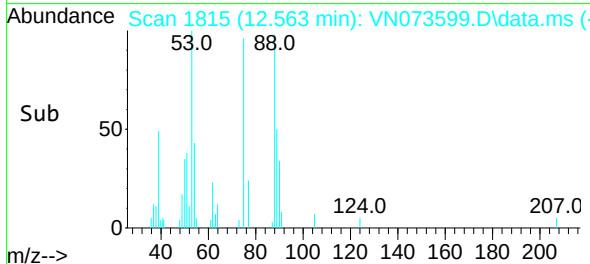
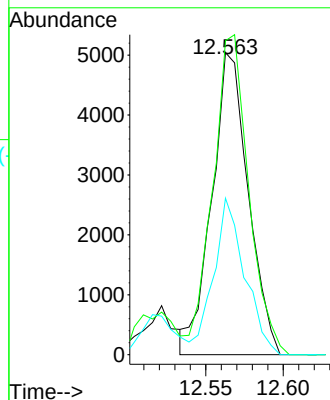
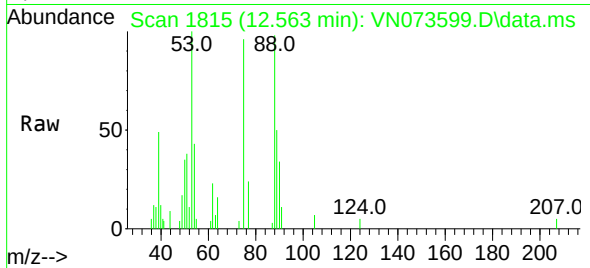
#77
t-1,4-Dichloro-2-butene
Concen: 5.109 ug/l
RT: 12.563 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 8224
Ion Ratio Lower Upper
75 100
53 100.9 51.8 155.5
89 51.8 22.9 68.7

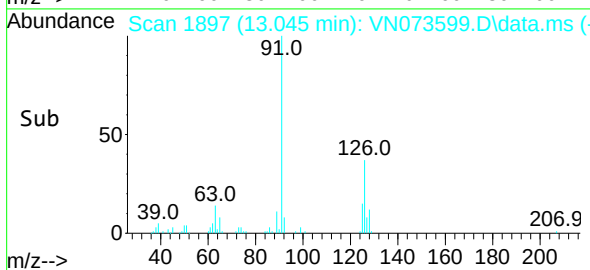
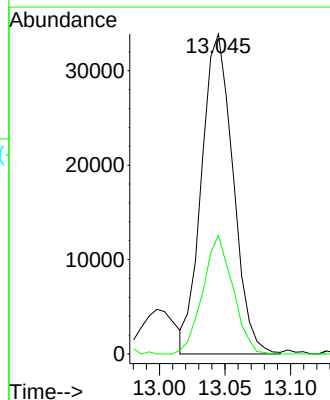
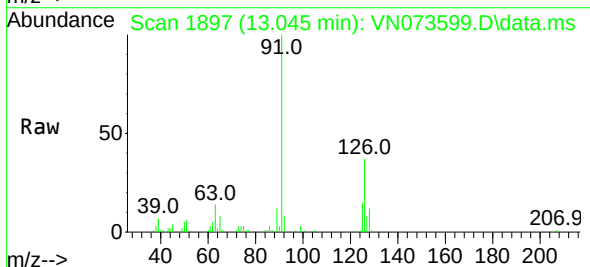
Manual Integrations
APPROVED

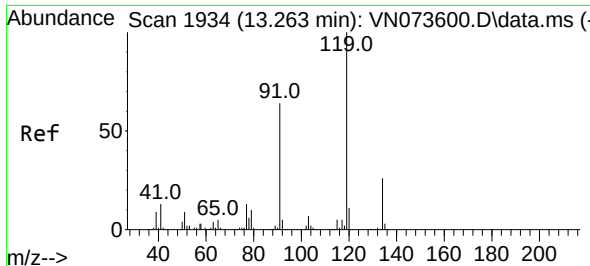
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#78
4-Chlorotoluene
Concen: 4.561 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Tgt Ion: 91 Resp: 56701
Ion Ratio Lower Upper
91 100
126 35.3 0.0 70.6





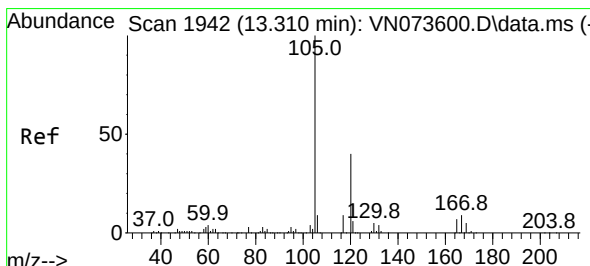
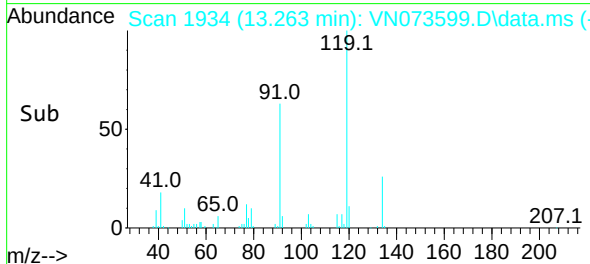
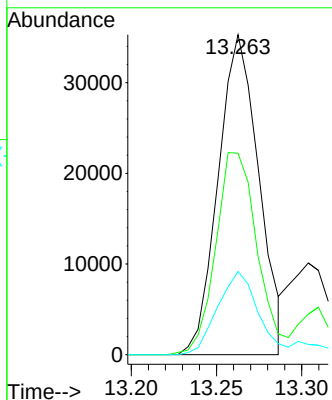
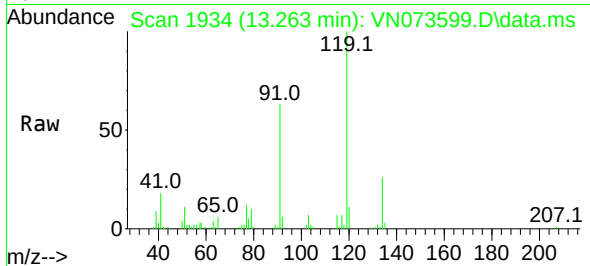
#79
tert-butylbenzene
Concen: 4.388 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 5855
Ion Ratio Lower Upper
119 100
91 64.6 0.0 137.0
134 25.8 0.0 47.6

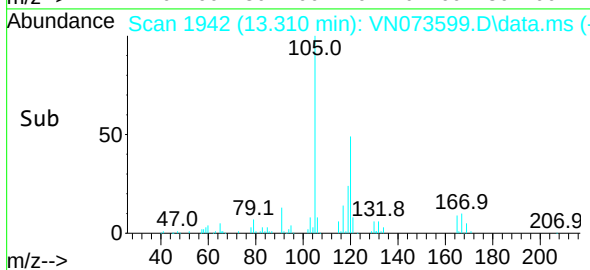
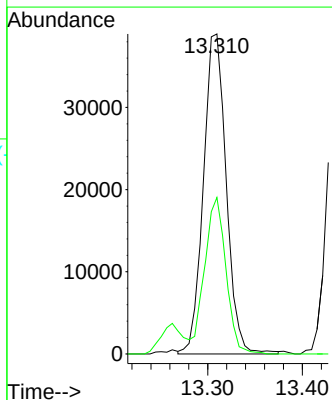
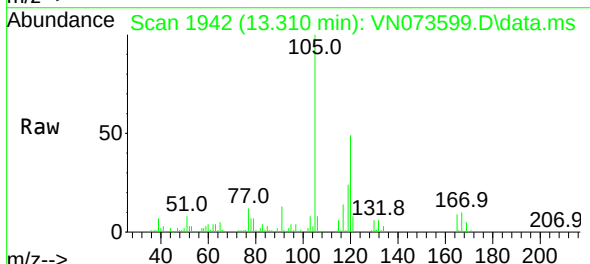
Manual Integrations
APPROVED

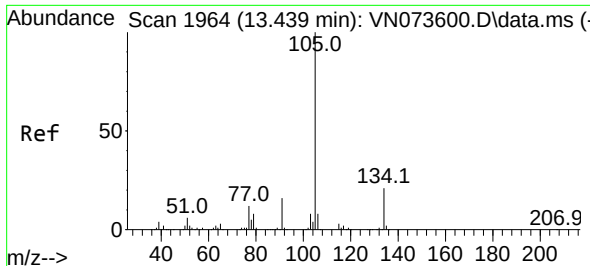
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#80
1,2,4-Trimethylbenzene
Concen: 4.357 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

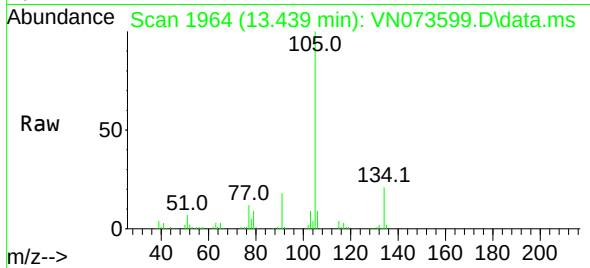
Tgt Ion:105 Resp: 65229
Ion Ratio Lower Upper
105 100
120 45.8 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 4.579 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073599.D
 Acq: 27 Jul 2022 11:30

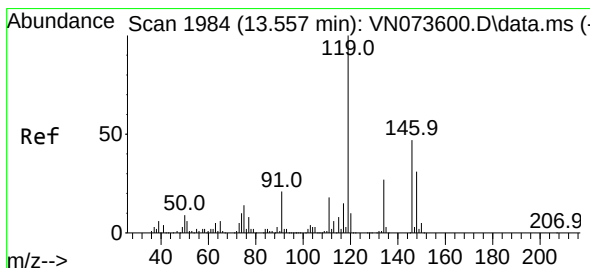
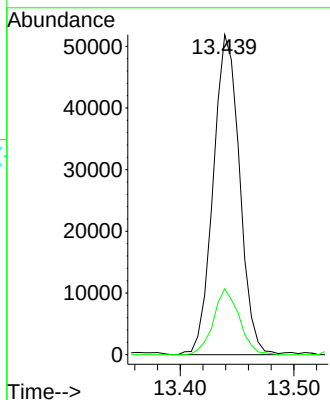
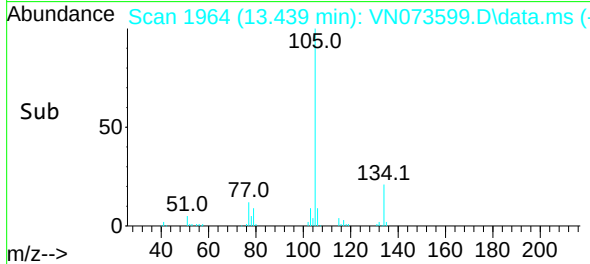
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



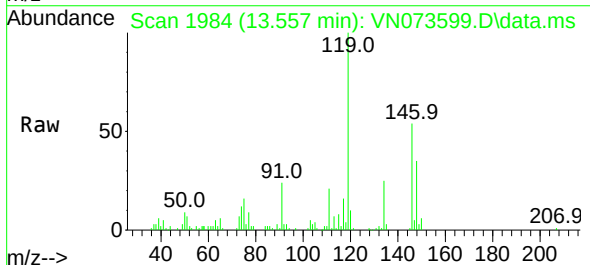
Tgt Ion:105 Resp: 83520
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 39.4

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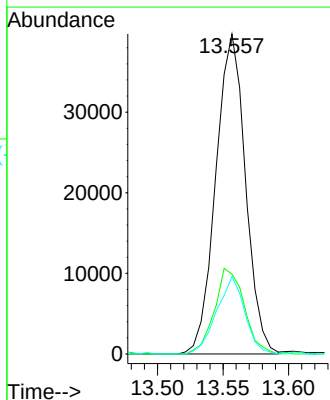
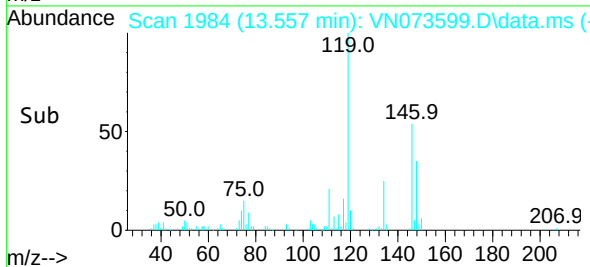
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

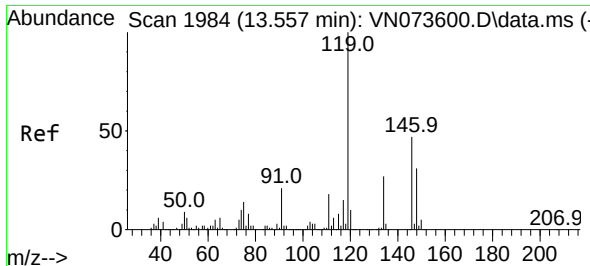


#82
 p-Isopropyltoluene
 Concen: 4.222 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073599.D
 Acq: 27 Jul 2022 11:30



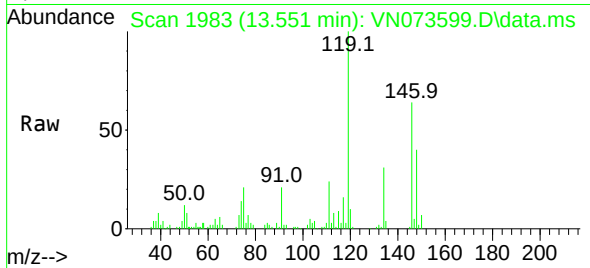
Tgt Ion:119 Resp: 62473
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 51.8
 91 22.8 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 5.033 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

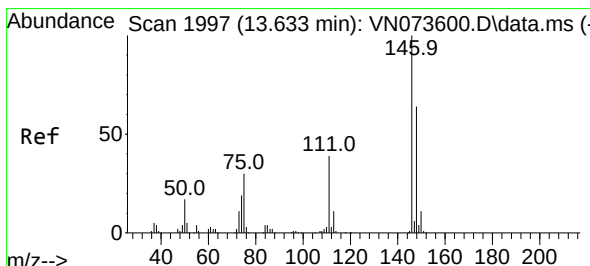
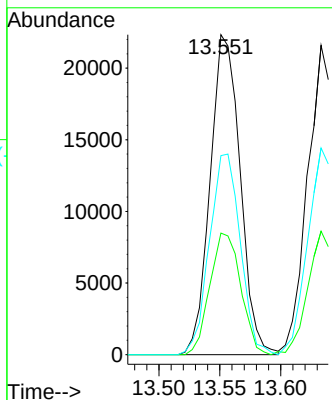
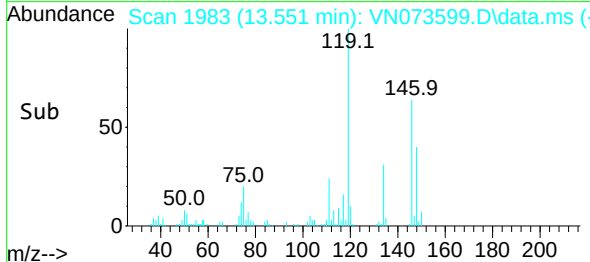
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:146 Resp: 3833
Ion Ratio Lower Upper
146 100
111 39.0 20.8 62.2
148 64.4 31.4 94.3

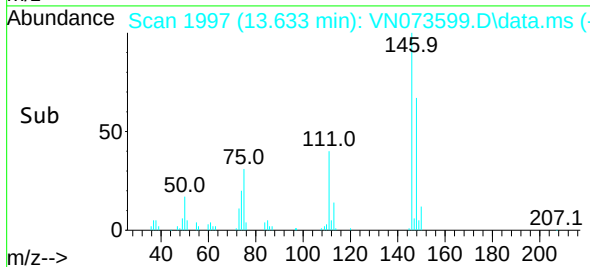
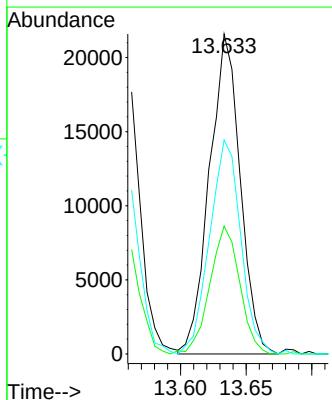
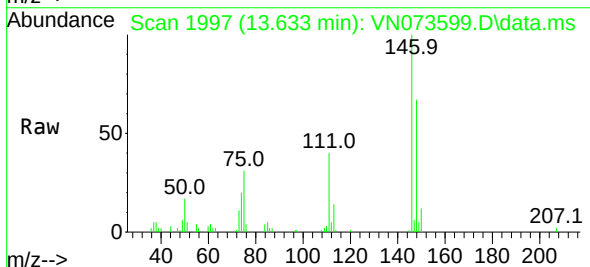
Manual Integrations
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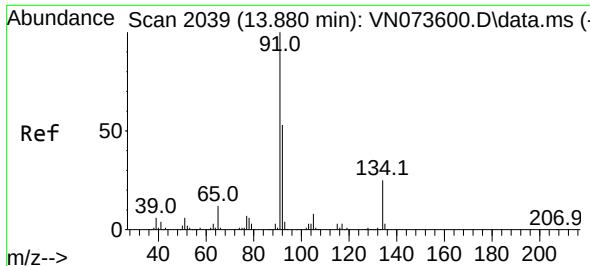
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#84
1,4-Dichlorobenzene
Concen: 4.650 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Tgt Ion:146 Resp: 35247
Ion Ratio Lower Upper
146 100
111 38.8 19.5 58.5
148 67.6 31.1 93.5





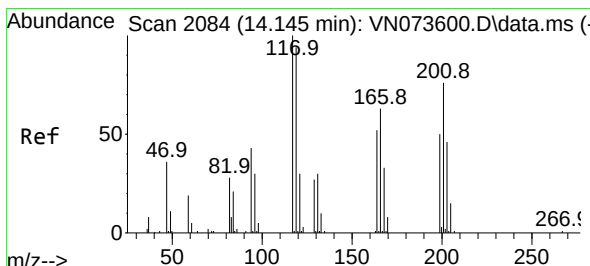
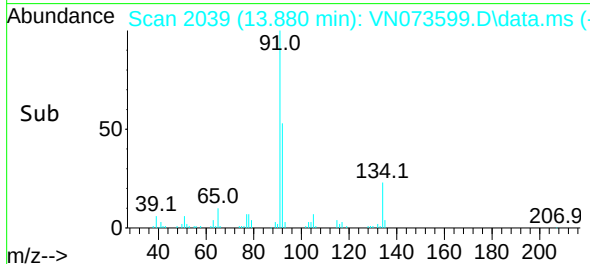
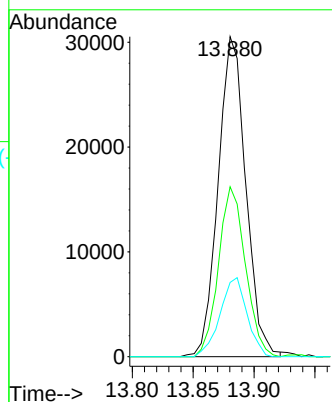
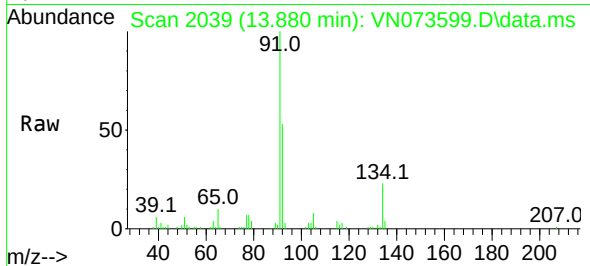
#85
n-Butylbenzene
Concen: 3.998 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 48250
Ion Ratio Lower Upper
91 100
92 51.7 0.0 100.6
134 24.2 0.0 50.2

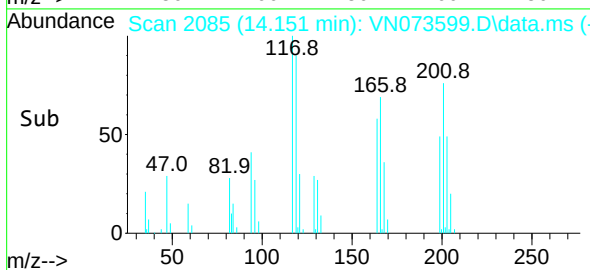
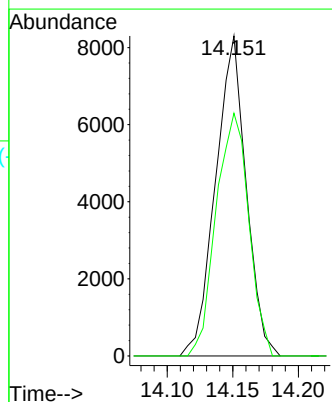
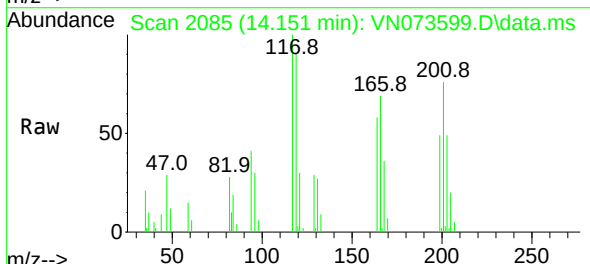
Manual Integrations
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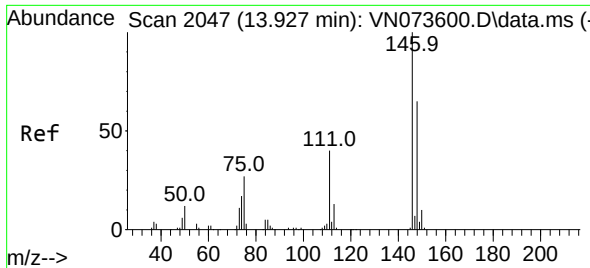
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#86
Hexachloroethane
Concen: 4.662 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

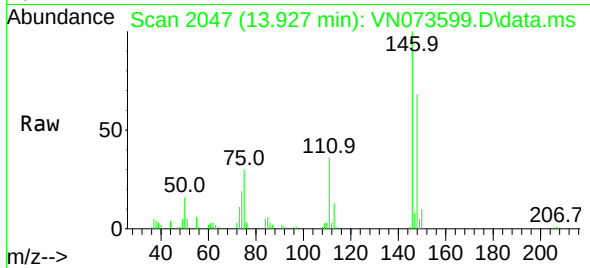
Tgt Ion:117 Resp: 13445
Ion Ratio Lower Upper
117 100
201 81.0 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 4.928 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

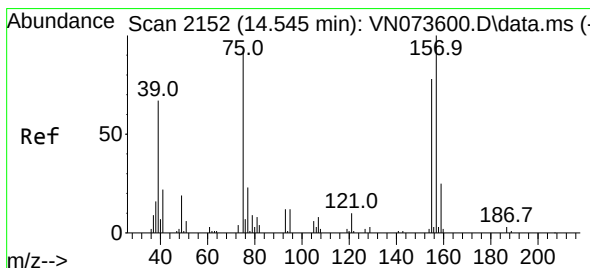
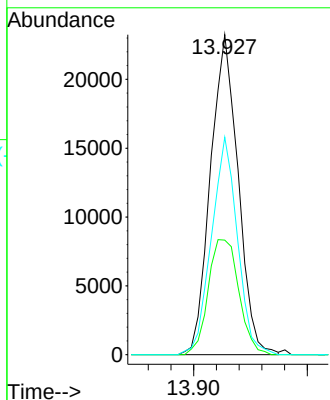
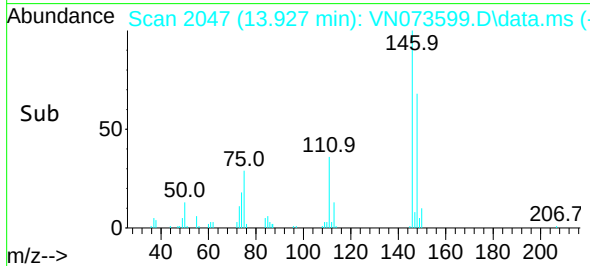
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



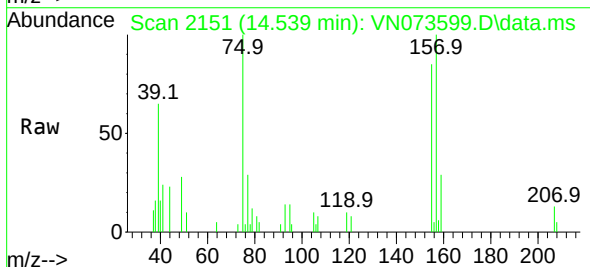
Tgt Ion:146 Resp: 39314
Ion Ratio Lower Upper
146 100
111 39.8 21.4 64.2
148 64.0 32.5 97.4

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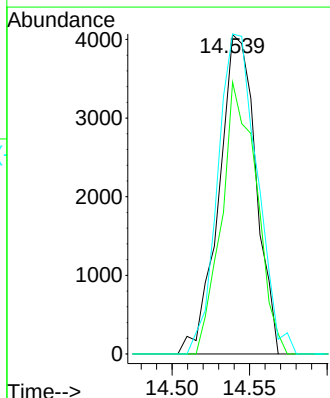
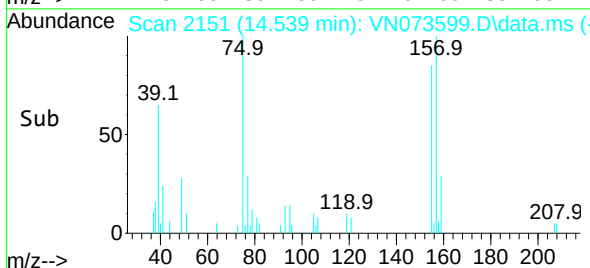
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

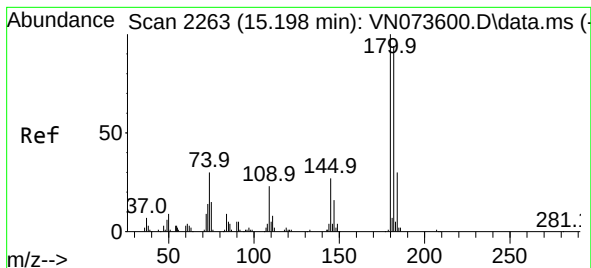


#88
1,2-Dibromo-3-Chloropropane
Concen: 4.283 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30



Tgt Ion: 75 Resp: 6728
Ion Ratio Lower Upper
75 100
155 80.5 63.8 95.8
157 106.8 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 4.166 ug/l

RT: 15.198 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN073599.D

Acq: 27 Jul 2022 11:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

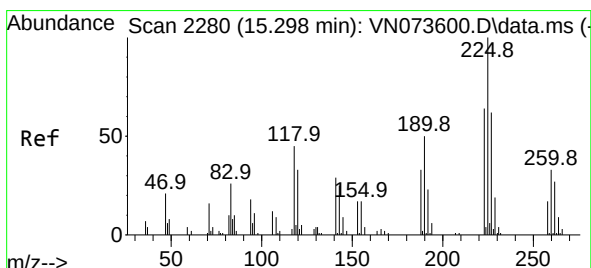
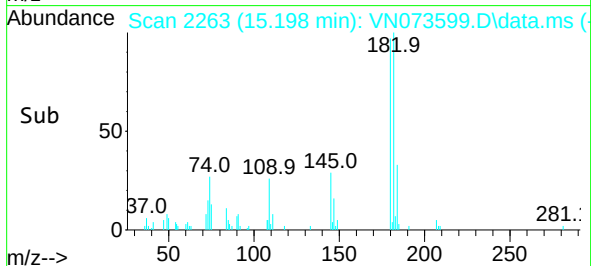
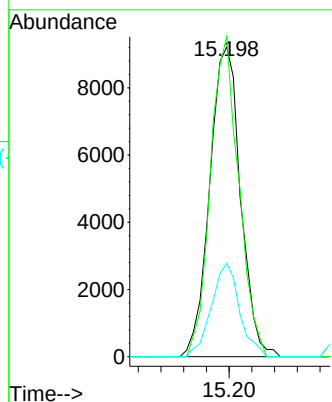
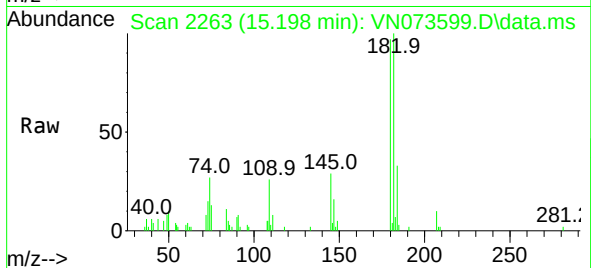
Tgt Ion:180	Resp:	1733
Ion Ratio	Lower	Upper
180	100	
182	95.2	77.7 116.5
145	27.5	26.6 39.8

Manual Integrations

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Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#90

Hexachlorobutadiene

Concen: 5.958 ug/l

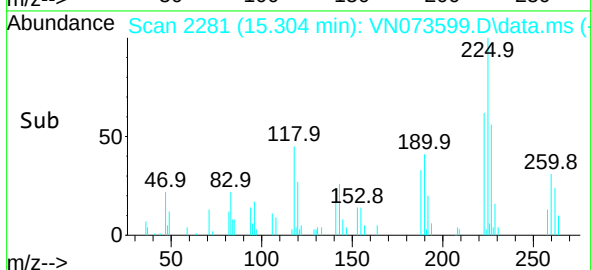
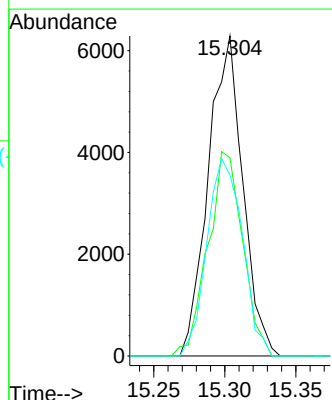
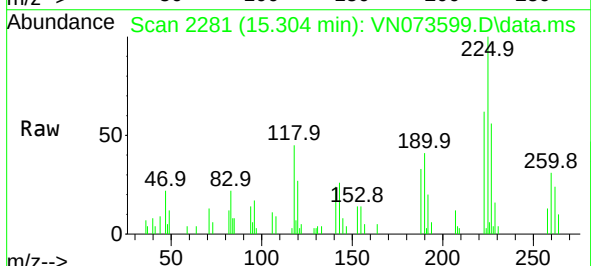
RT: 15.304 min Scan# 2281

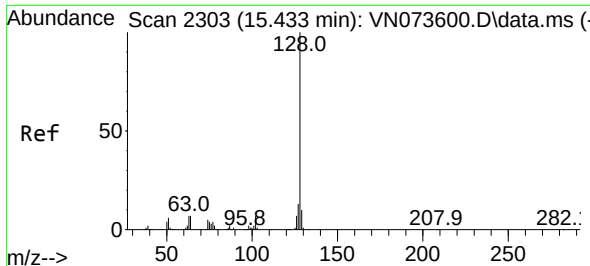
Delta R.T. 0.006 min

Lab File: VN073599.D

Acq: 27 Jul 2022 11:30

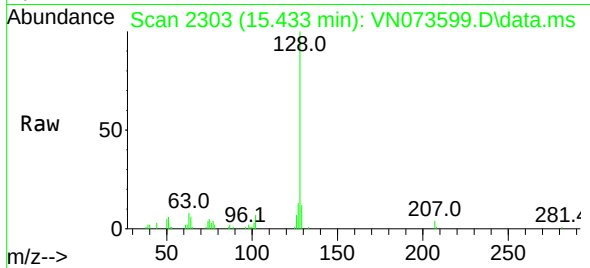
Tgt Ion:225	Resp:	10625
Ion Ratio	Lower	Upper
225	100	
223	64.2	0.0 126.8
227	63.9	0.0 123.0





#91
Naphthalene
Concen: 3.199 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30

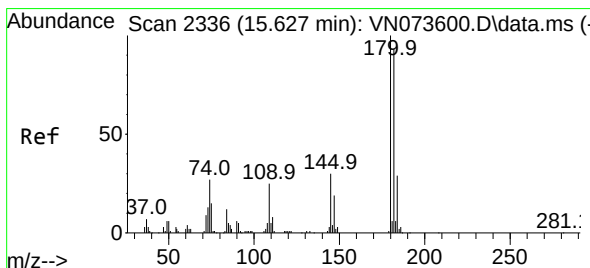
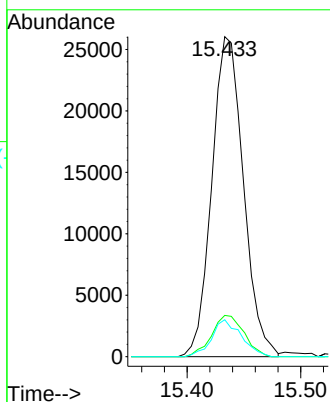
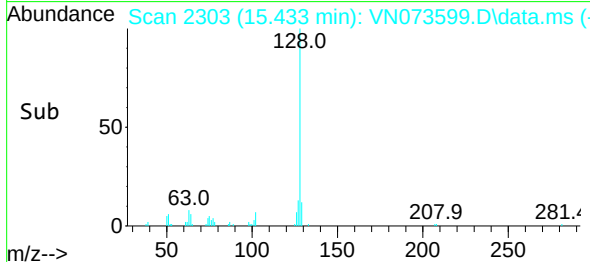
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



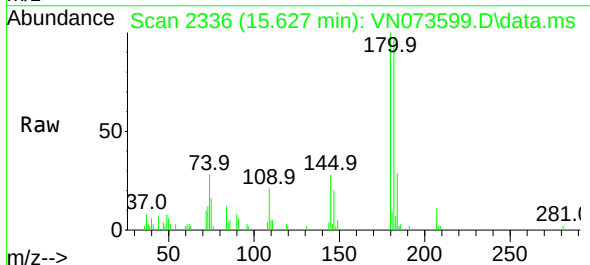
Tgt Ion:128 Resp: 50360
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.8 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#92
1,2,3-Trichlorobenzene
Concen: 4.238 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073599.D
Acq: 27 Jul 2022 11:30



Tgt Ion:180 Resp: 18096
Ion Ratio Lower Upper
180 100
182 94.2 0.0 190.0
145 28.8 0.0 67.8

