

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075659.D
 Acq On : 08 Dec 2022 20:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/09/2022
 Supervised By : Mahesh Dadoda 12/09/2022

Quant Time: Dec 09 02:31:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	172983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	283181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	261757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	47636	51.302	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.600%			
35) Dibromofluoromethane	8.171	113	62195	55.909	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.820%			
50) Toluene-d8	10.571	98	131058	52.308	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.620%			
62) 4-Bromofluorobenzene	12.853	95	104448	56.479	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.960%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	77484	58.579	ug/l	98
3) Chloromethane	2.371	50	85654	52.042	ug/l	99
4) Vinyl Chloride	2.524	62	111958	53.974	ug/l	97
5) Bromomethane	2.948	94	94695	51.914	ug/l	99
6) Chloroethane	3.118	64	84246	53.601	ug/l	99
7) Trichlorofluoromethane	3.501	101	167057	56.375	ug/l	100
8) Diethyl Ether	3.971	74	62231	59.918	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.383	101	96685	59.102	ug/l	92
10) Methyl Iodide	4.595	142	158748	59.887	ug/l	95
11) Tert butyl alcohol	5.530	59	83699	214.726	ug/l	99
12) 1,1-Dichloroethene	4.348	96	92896	57.991	ug/l	88
13) Acrolein	4.195	56	81069	238.737	ug/l	97
14) Allyl chloride	5.036	41	105937	51.126	ug/l #	91
15) Acrylonitrile	5.730	53	230214	257.425	ug/l	99
16) Acetone	4.442	43	176999	204.361	ug/l	93
17) Carbon Disulfide	4.724	76	226836	54.487	ug/l	98
18) Methyl Acetate	5.042	43	121931	55.998	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	326831	57.594	ug/l	97
20) Methylene Chloride	5.283	84	106987	61.202	ug/l	90
21) trans-1,2-Dichloroethene	5.800	96	101711	55.713	ug/l	90
22) Diisopropyl ether	6.683	45	274856	58.127	ug/l	95
23) Vinyl Acetate	6.612	43	932779	247.958	ug/l	98
24) 1,1-Dichloroethane	6.583	63	175764	57.910	ug/l	98
25) 2-Butanone	7.489	43	288121	238.275	ug/l	96
26) 2,2-Dichloropropane	7.500	77	141445	50.144	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	124075	60.105	ug/l	92
28) Bromochloromethane	7.824	49	69349	56.290	ug/l	83
29) Tetrahydrofuran	7.841	42	189803	258.055	ug/l	98
30) Chloroform	7.971	83	197219	56.584	ug/l	95
31) Cyclohexane	8.265	56	155746	52.793	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	182810	57.765	ug/l	95
36) 1,1-Dichloropropene	8.377	75	140476	57.906	ug/l	97
37) Ethyl Acetate	7.571	43	117988	54.014	ug/l	98
38) Carbon Tetrachloride	8.371	117	161979	60.781	ug/l	98
39) Methylcyclohexane	9.606	83	181659	59.831	ug/l	99
40) Benzene	8.612	78	433474	58.360	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	62515	55.978	ug/l	96
42) 1,2-Dichloroethane	8.677	62	143785	57.801	ug/l	96
43) Isopropyl Acetate	8.694	43	201210	57.386	ug/l	96
44) Trichloroethene	9.359	130	119271	58.686	ug/l	95
45) 1,2-Dichloropropane	9.624	63	103248	58.331	ug/l	98
46) Dibromomethane	9.712	93	79782	59.592	ug/l #	90
47) Bromodichloromethane	9.894	83	157592	60.784	ug/l	99
48) Methyl methacrylate	9.682	41	91414	56.385	ug/l	94
49) 1,4-Dioxane	9.700	88	44878	974.835	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	623891	279.373	ug/l	97
52) Toluene	10.635	92	290340	60.660	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	159301	61.203	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	172015	60.849	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	116538	59.780	ug/l	95
56) Ethyl methacrylate	10.877	69	165558	62.885	ug/l	98
57) 1,3-Dichloropropane	11.165	76	184868	58.159	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	239836	252.593	ug/l	96
59) 2-Hexanone	11.200	43	461636	275.290	ug/l	97
60) Dibromochloromethane	11.365	129	132421	66.177	ug/l	99
61) 1,2-Dibromoethane	11.471	107	119850	59.232	ug/l	100
64) Tetrachloroethene	11.106	164	104526	52.291	ug/l	94
65) Chlorobenzene	11.894	112	318505	58.920	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	122519	60.727	ug/l	99
67) Ethyl Benzene	11.965	91	570728	61.884	ug/l	100
68) m/p-Xylenes	12.076	106	454009	121.226	ug/l	99
69) o-Xylene	12.400	106	227536	61.148	ug/l	96
70) Styrene	12.412	104	370218	63.069	ug/l	99
71) Bromoform	12.582	173	100188	65.247	ug/l #	98
73) Isopropylbenzene	12.700	105	592949	59.306	ug/l	98
74) N-amyl acetate	12.494	43	183670	59.754	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	172817	56.694	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	127661m	49.338	ug/l	
77) Bromobenzene	12.982	156	145122	58.793	ug/l	83
78) n-propylbenzene	13.041	91	667072	59.784	ug/l	99
79) 2-Chlorotoluene	13.129	91	391870	58.288	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	503992	60.673	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	47493	54.308	ug/l	96
82) 4-Chlorotoluene	13.129	91	391870	58.288	ug/l	96
83) tert-Butylbenzene	13.441	119	450988	59.547	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	512466	61.505	ug/l	99
85) sec-Butylbenzene	13.618	105	639611	62.241	ug/l	100
86) p-Isopropyltoluene	13.735	119	543724	62.887	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	274825	58.764	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	268199	56.454	ug/l	98
89) n-Butylbenzene	14.059	91	437081	59.854	ug/l	98
90) Hexachloroethane	14.335	117	94905	63.628	ug/l	83
91) 1,2-Dichlorobenzene	14.106	146	270273	59.287	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	31012	53.708	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	138771	59.401	ug/l	99
94) Hexachlorobutadiene	15.506	225	74179	60.959	ug/l	99
95) Naphthalene	15.647	128	411889	56.043	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	131470	57.259	ug/l	97

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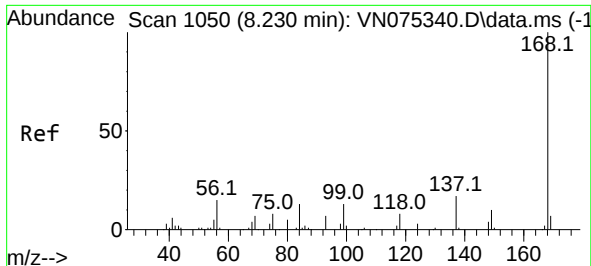
Manual Integrations
APPROVED

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_N

ClientSampleId :

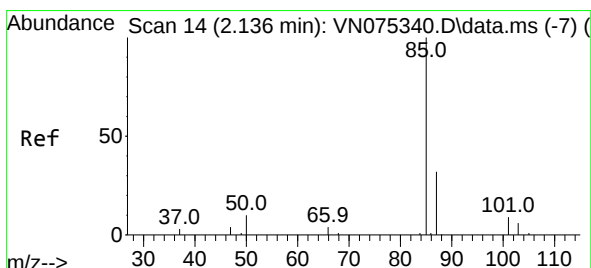
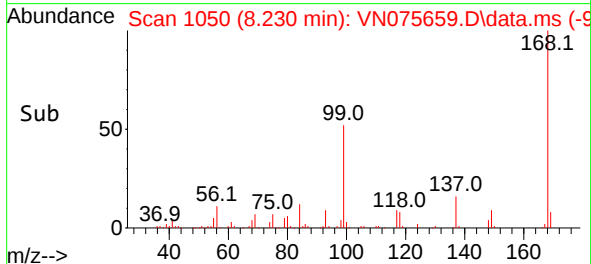
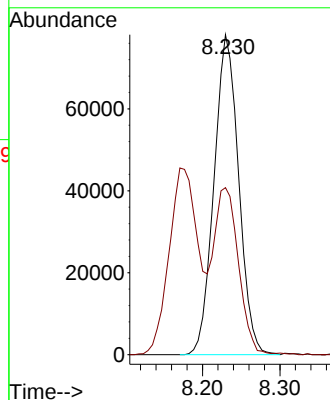
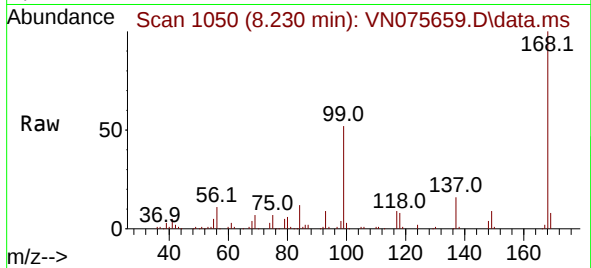
VSTDCCC050EC

Tgt Ion:168 Resp: 17298
Ion Ratio Lower Upper
168 100
99 51.7 51.6 77.4

Manual Integrations

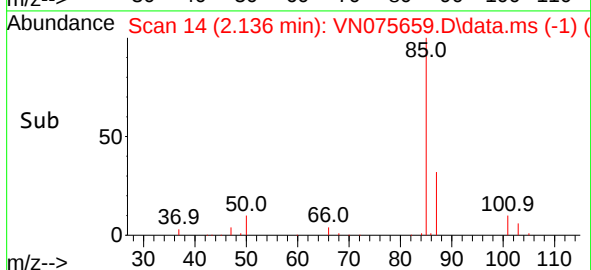
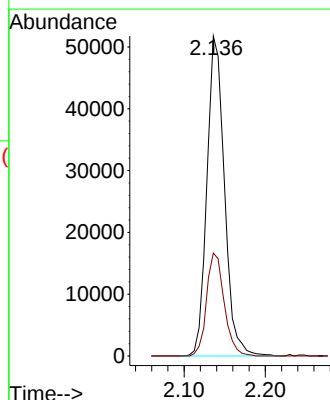
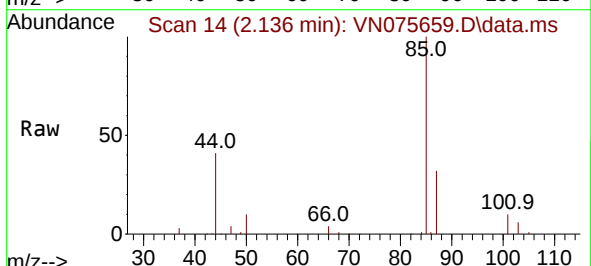
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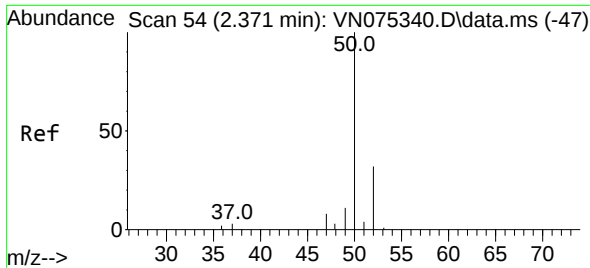
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#2
Dichlorodifluoromethane
Concen: 58.579 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Tgt Ion: 85 Resp: 77484
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.0





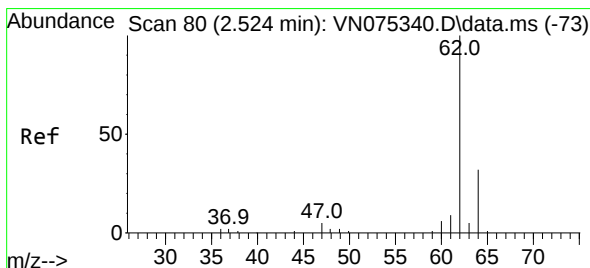
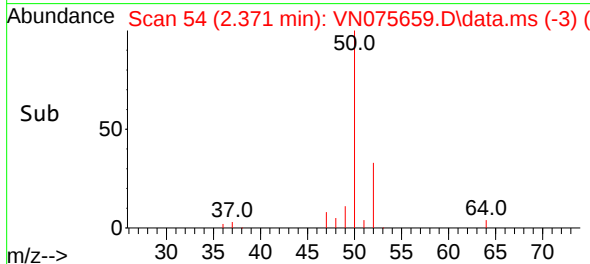
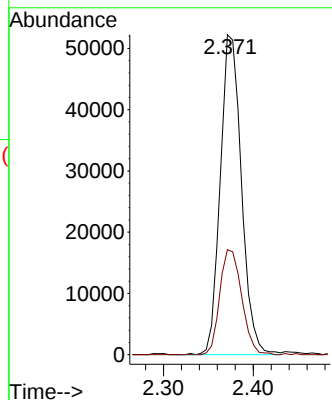
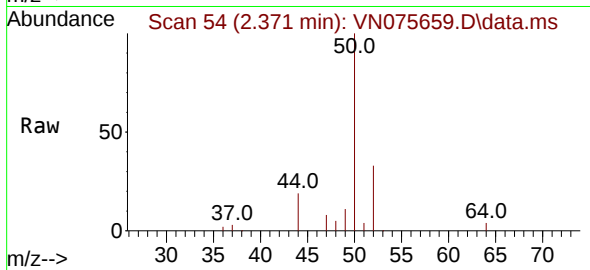
#3
Chloromethane
Concen: 52.042 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Instrument :
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VSTDCCC050EC

Tgt Ion: 50 Resp: 85654
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.6

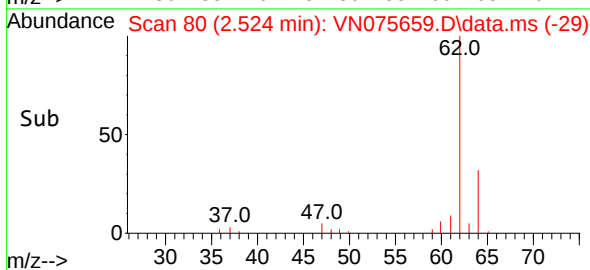
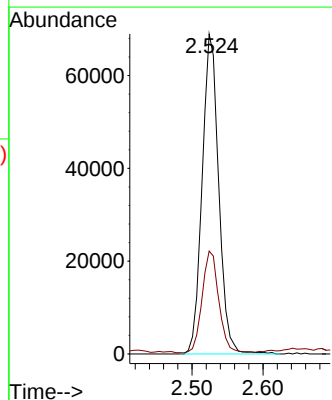
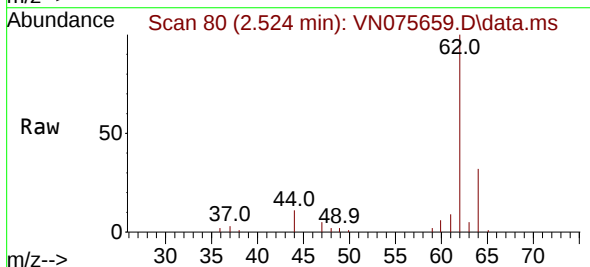
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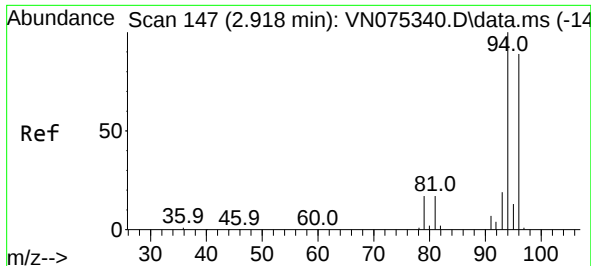
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#4
Vinyl Chloride
Concen: 53.974 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

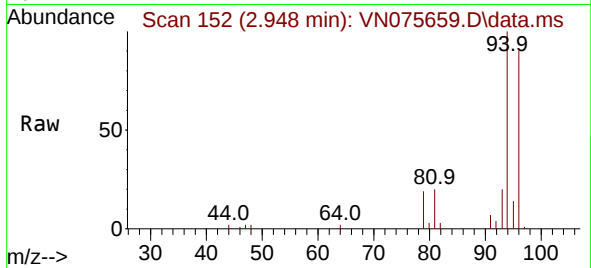
Tgt Ion: 62 Resp: 111958
Ion Ratio Lower Upper
62 100
64 31.8 24.0 36.0





#5
Bromomethane
Concen: 51.914 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

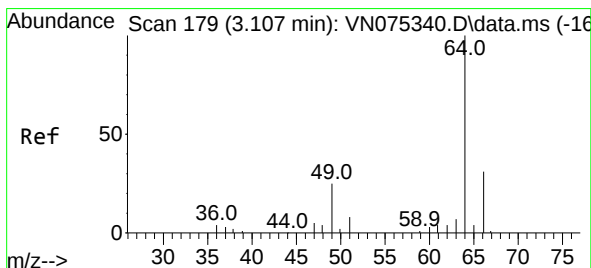
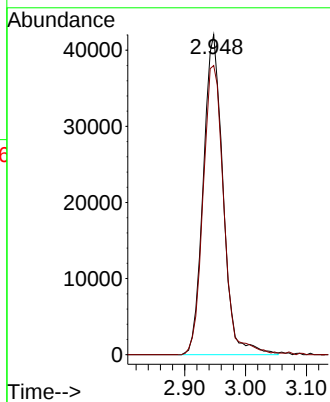
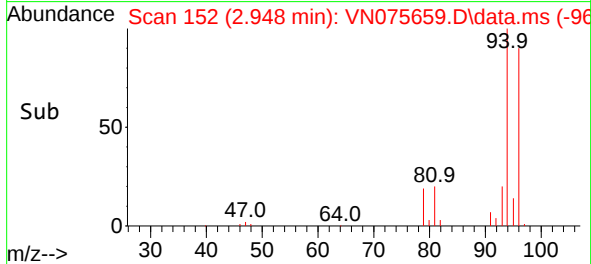
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Tgt Ion: 94 Resp: 9469
Ion Ratio Lower Upper
94 100
96 90.4 71.8 107.6

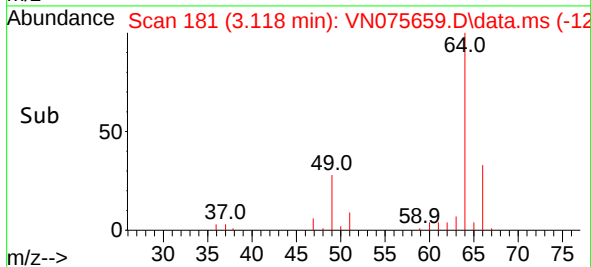
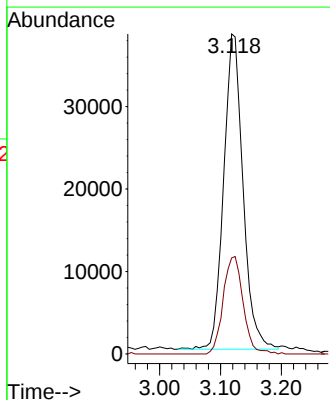
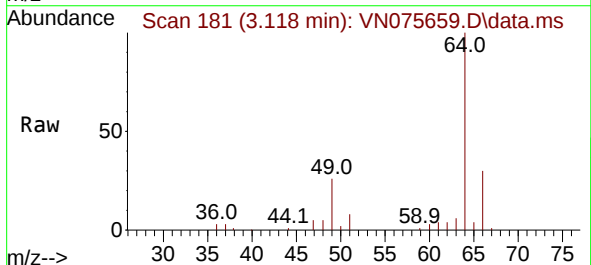
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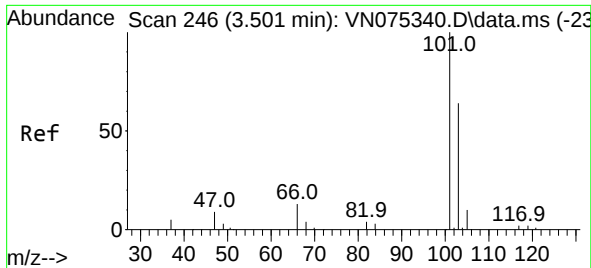
Reviewed By :John Carlone 12/09/2022
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#6
Chloroethane
Concen: 53.601 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.011 min
Lab File: VN075659.D
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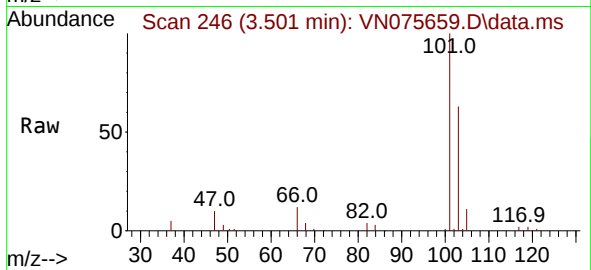
Tgt Ion: 64 Resp: 84246
Ion Ratio Lower Upper
64 100
66 30.5 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 56.375 ug/l
 RT: 3.501 min Scan# 246
 Delta R.T. -0.000 min
 Lab File: VN075659.D
 Acq: 08 Dec 2022 20:08

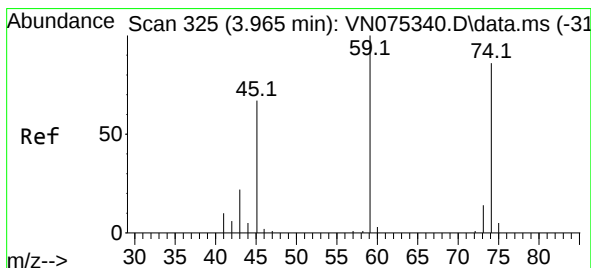
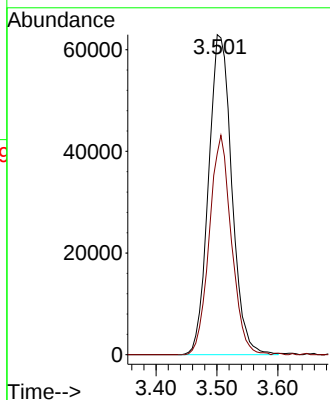
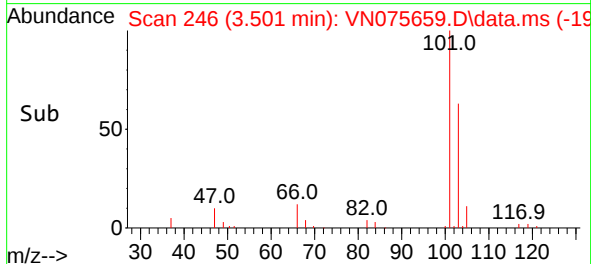
Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 16705
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.5 75.7

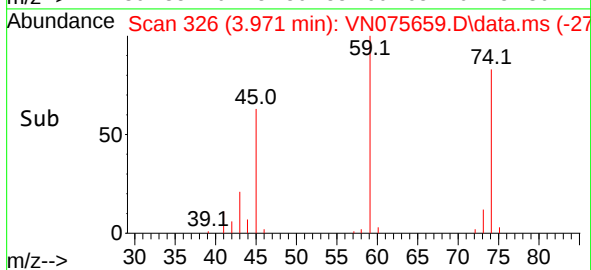
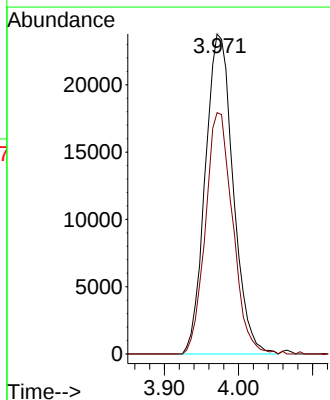
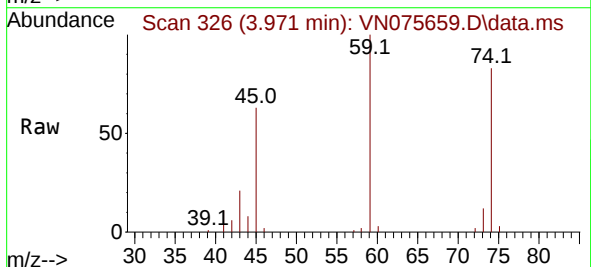
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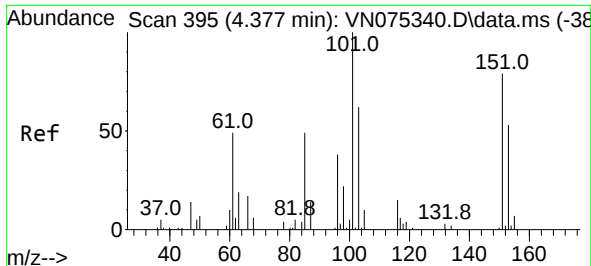
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#8
 Diethyl Ether
 Concen: 59.918 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.006 min
 Lab File: VN075659.D
 Acq: 08 Dec 2022 20:08

Tgt Ion: 74 Resp: 62231
 Ion Ratio Lower Upper
 74 100
 45 73.6 39.3 117.9





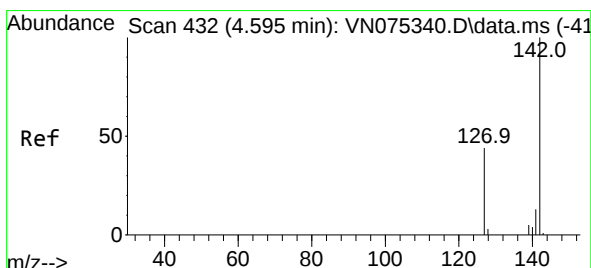
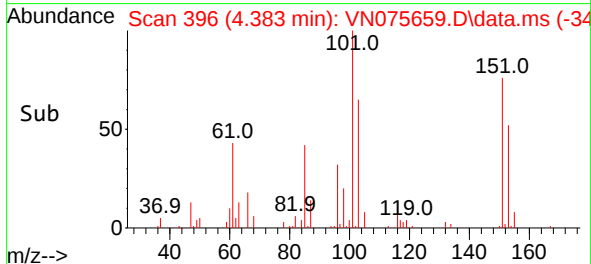
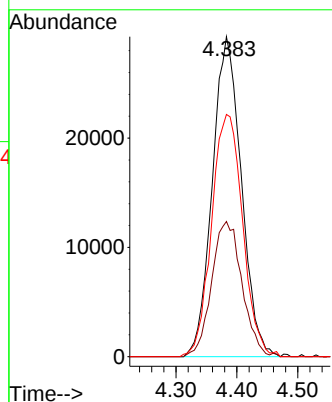
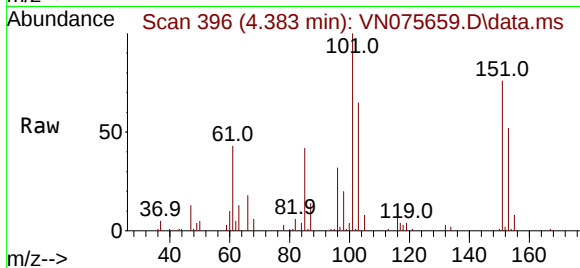
#9
1,1,2-Trichlorotrifluoroethane
Concen: 59.102 ug/l
RT: 4.383 min Scan# 395
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 9668
Ion Ratio Lower Upper
101 100
85 44.4 37.6 56.4
151 81.2 58.3 87.5

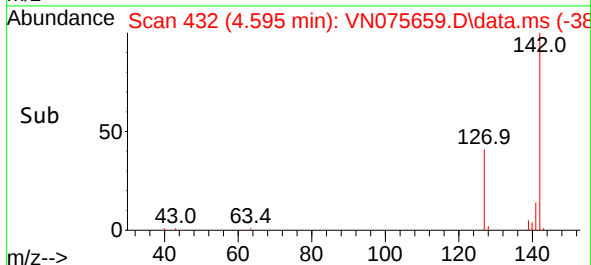
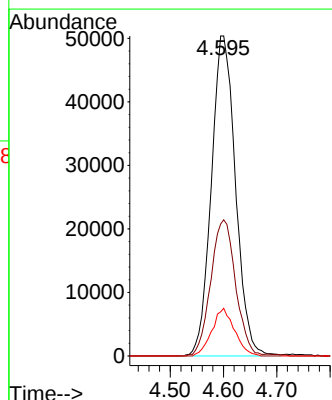
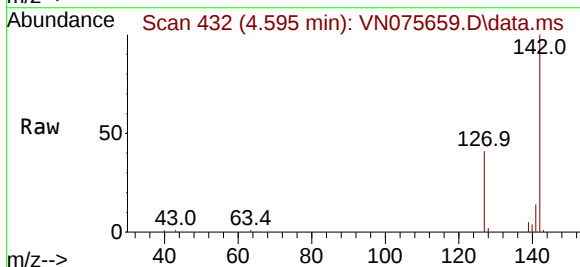
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#10
Methyl Iodide
Concen: 59.887 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Tgt Ion:142 Resp: 158748
Ion Ratio Lower Upper
142 100
127 43.7 38.0 57.0
141 14.0 12.2 18.4





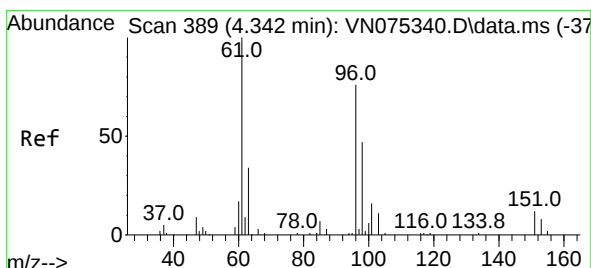
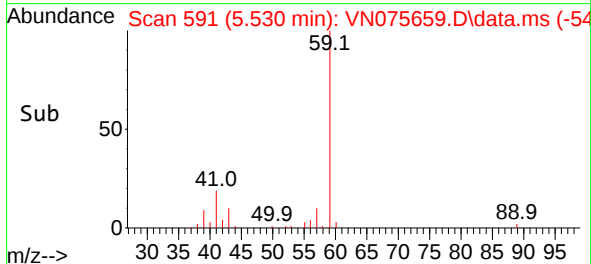
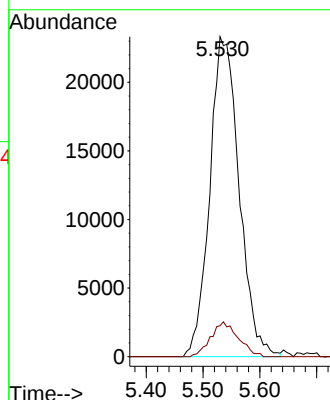
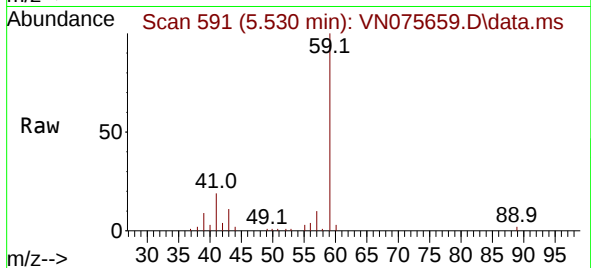
#11
Tert butyl alcohol
Concen: 214.726 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.012 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 83699
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

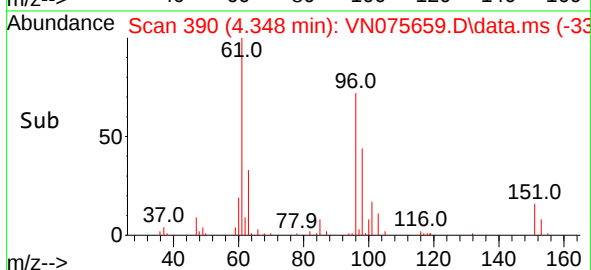
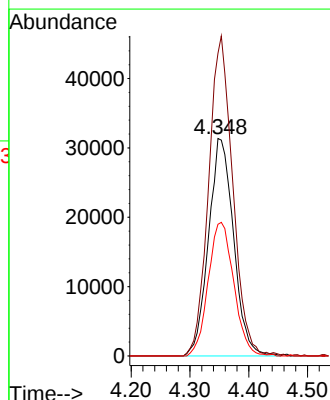
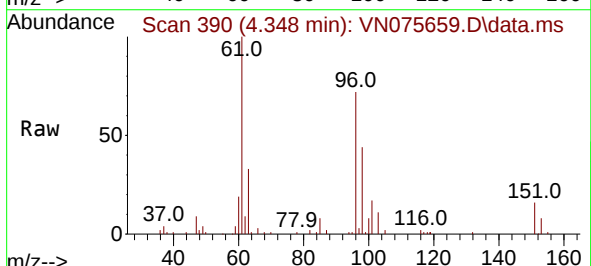
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#12
1,1-Dichloroethene
Concen: 57.991 ug/l
RT: 4.348 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Tgt Ion: 96 Resp: 92896
Ion Ratio Lower Upper
96 100
61 139.1 126.2 189.4
98 60.6 51.5 77.3





#13

Acrolein

Concen: 238.737 ug/l

RT: 4.195 min Scan# 30

Delta R.T. 0.012 min

Lab File: VN075659.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 81069

Ion Ratio Lower Upper

56 100

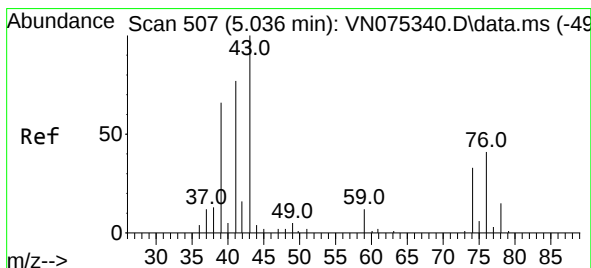
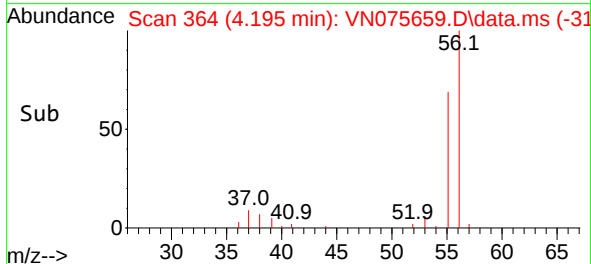
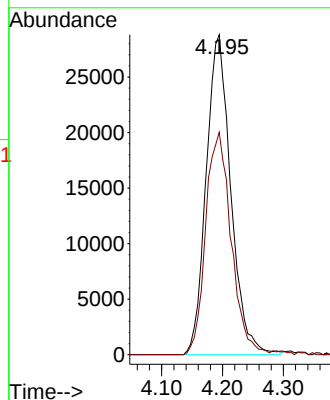
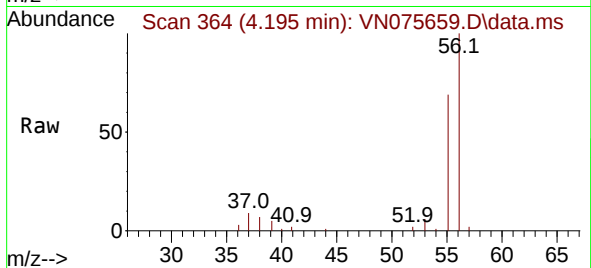
55 71.6 55.2 82.8

Manual Integrations

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Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#14

Allyl chloride

Concen: 51.126 ug/l

RT: 5.036 min Scan# 507

Delta R.T. -0.000 min

Lab File: VN075659.D

Acq: 08 Dec 2022 20:08

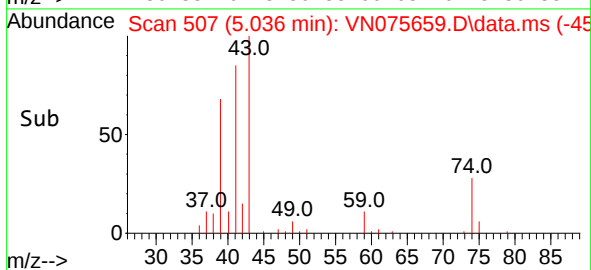
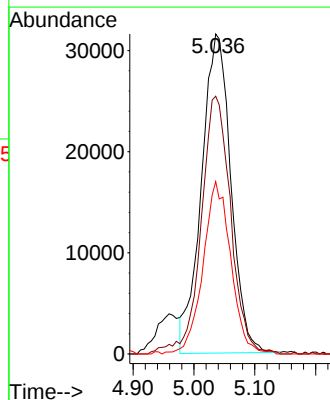
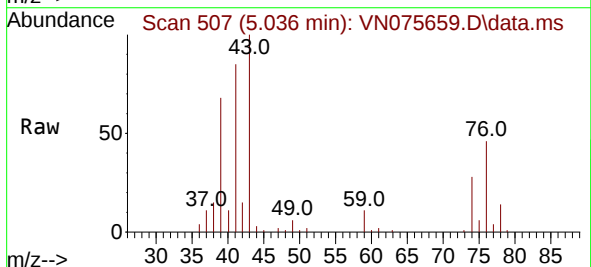
Tgt Ion: 41 Resp: 105937

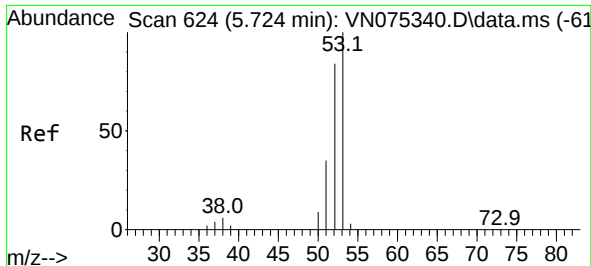
Ion Ratio Lower Upper

41 100

39 81.2 61.0 91.4

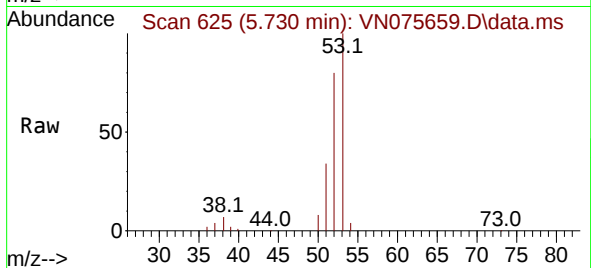
76 51.1 33.4 50.0#





#15
Acrylonitrile
Concen: 257.425 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

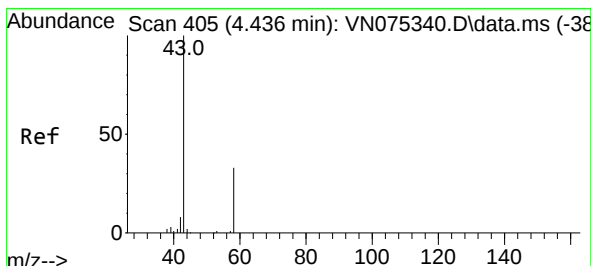
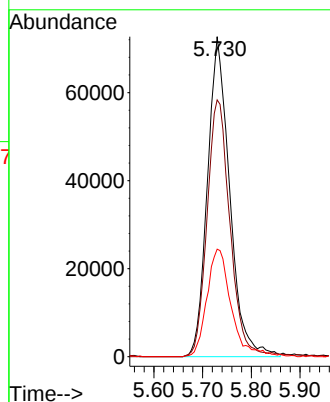
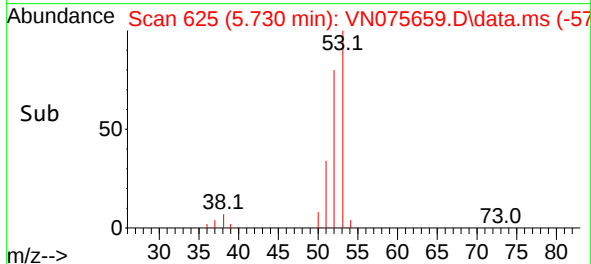
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 230214
Ion Ratio Lower Upper
53 100
52 82.1 66.4 99.6
51 36.8 29.6 44.4

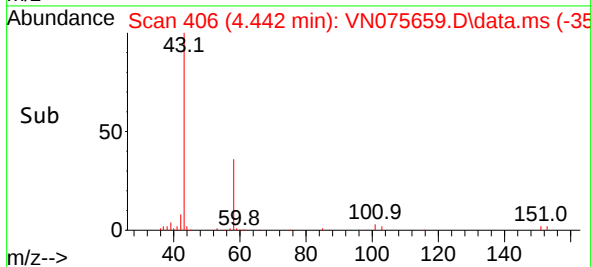
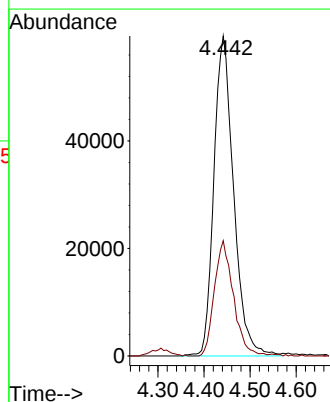
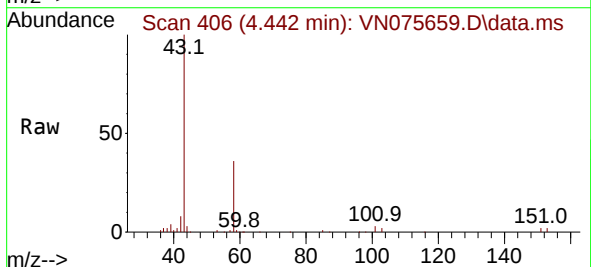
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APPROVED

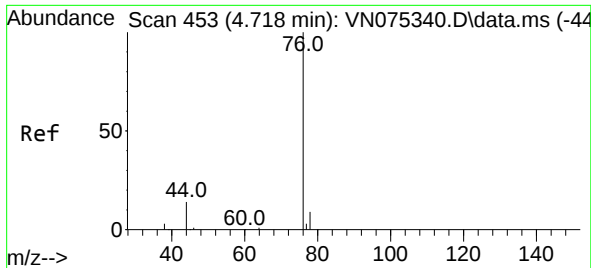
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#16
Acetone
Concen: 204.361 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Tgt Ion: 43 Resp: 176999
Ion Ratio Lower Upper
43 100
58 35.6 25.5 38.3





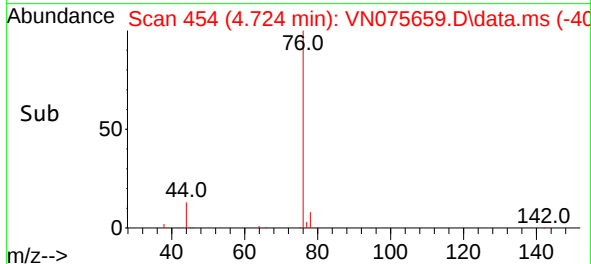
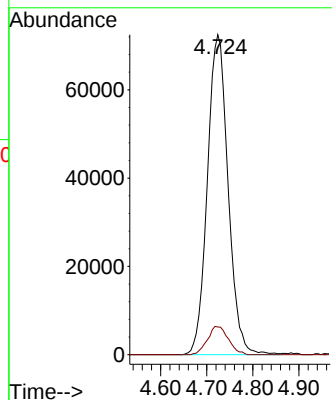
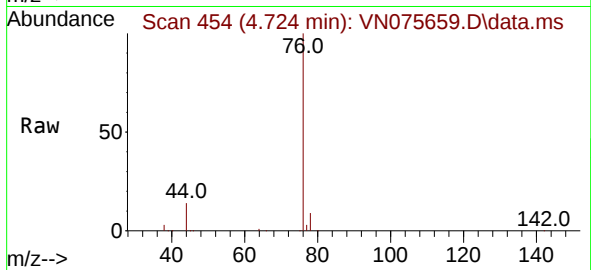
#17
Carbon Disulfide
Concen: 54.487 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 226830
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

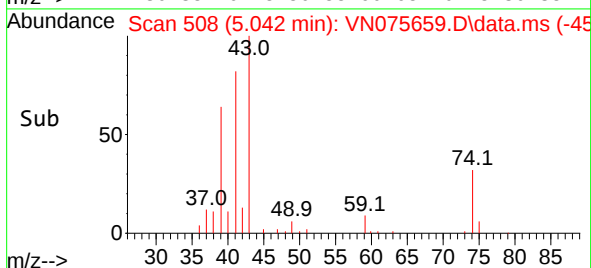
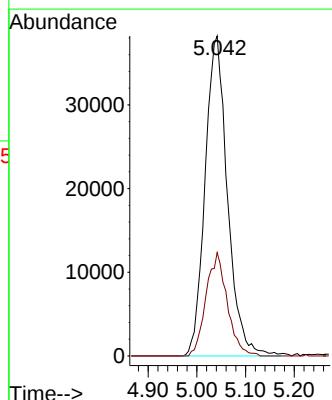
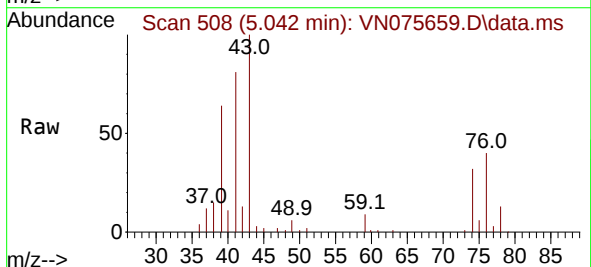
Manual Integrations
APPROVED

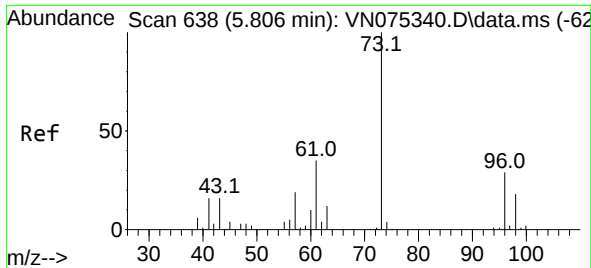
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#18
Methyl Acetate
Concen: 55.998 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Tgt Ion: 43 Resp: 121931
Ion Ratio Lower Upper
43 100
74 30.6 22.0 33.0





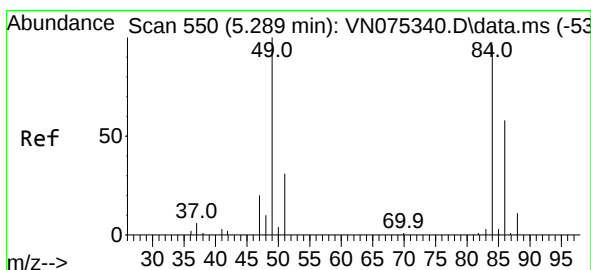
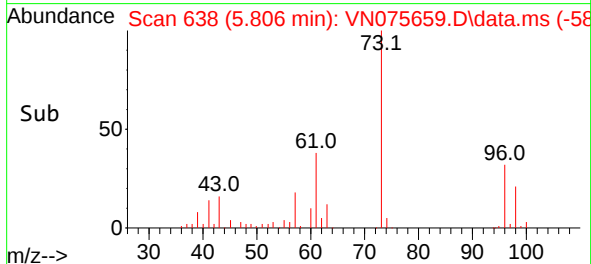
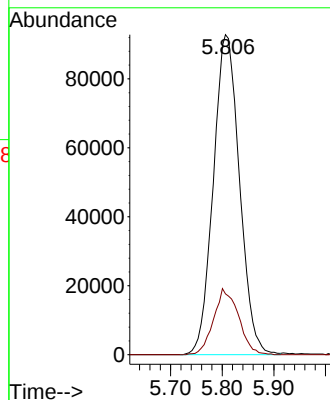
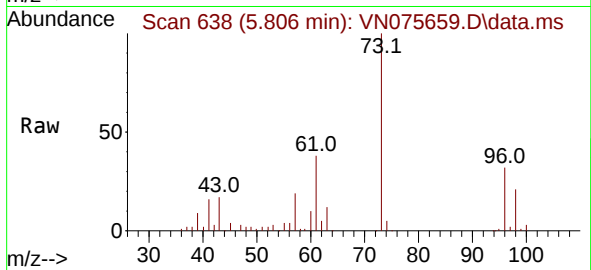
#19
Methyl tert-butyl Ether
Concen: 57.594 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 32683
Ion Ratio Lower Upper
73 100
57 19.0 16.3 24.5

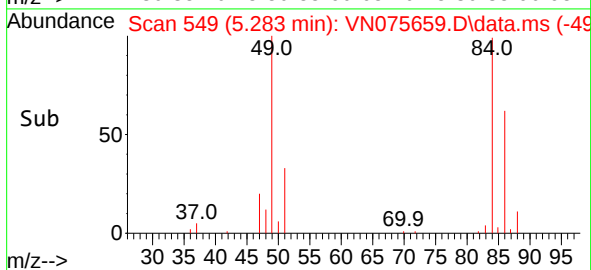
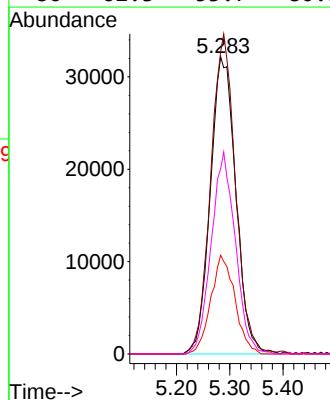
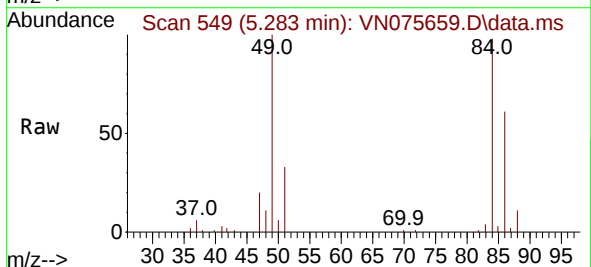
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#20
Methylene Chloride
Concen: 61.202 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Tgt Ion: 84 Resp: 106987
Ion Ratio Lower Upper
84 100
49 101.8 94.9 142.3
51 33.3 26.8 40.2
86 62.3 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 55.713 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.005 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_N

ClientSampleId :

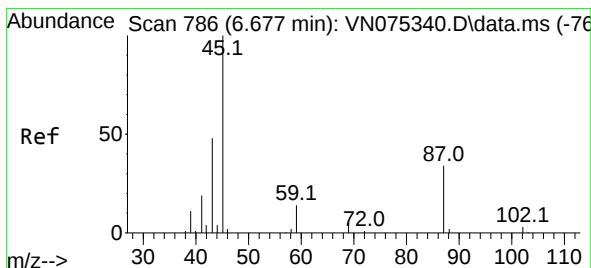
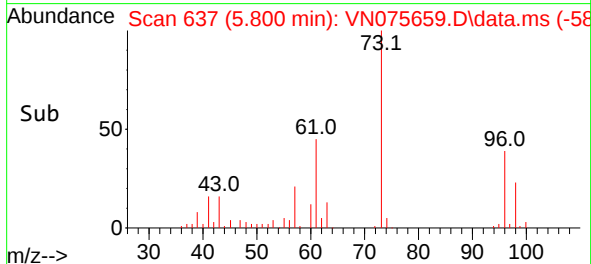
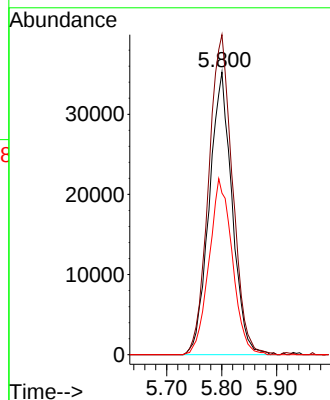
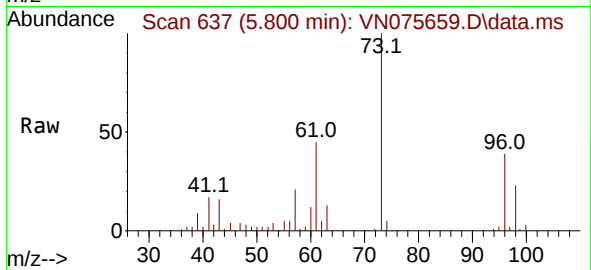
VSTDCCC050EC

Tgt Ion: 96 Resp: 10171
Ion Ratio Lower Upper
96 100
61 113.2 99.9 149.9
98 57.2 51.5 77.3

Manual Integrations

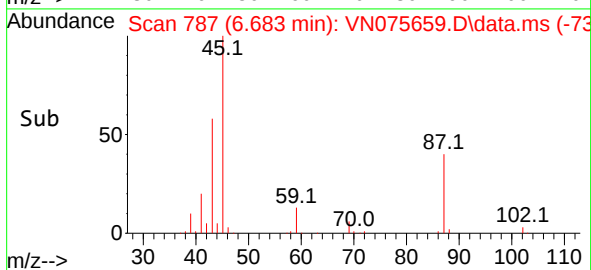
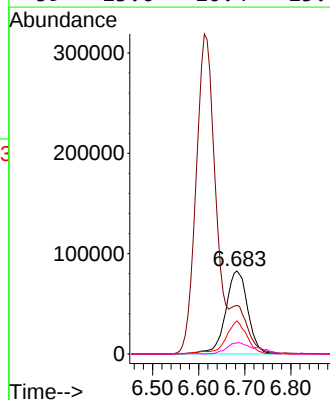
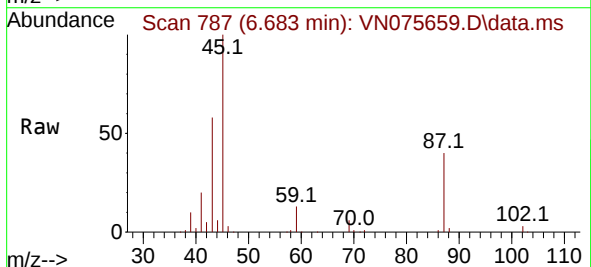
APPROVED

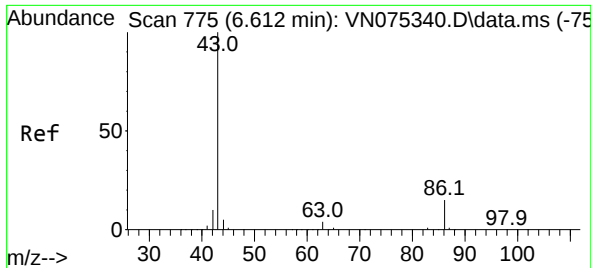
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#22
Diisopropyl ether
Concen: 58.127 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Tgt Ion: 45 Resp: 274856
Ion Ratio Lower Upper
45 100
43 57.3 42.8 64.2
87 39.9 28.4 42.6
59 13.0 10.4 15.6





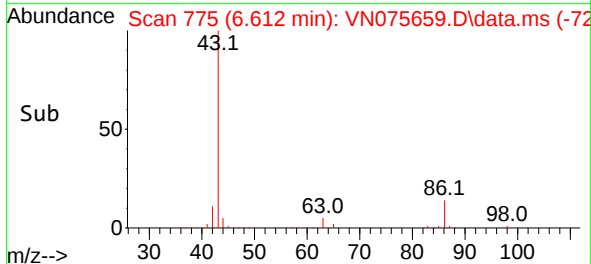
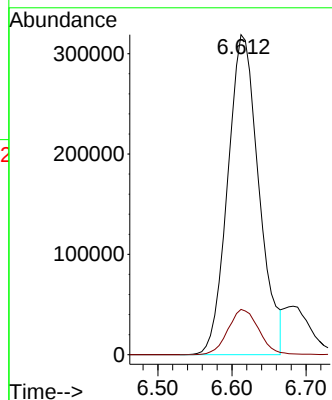
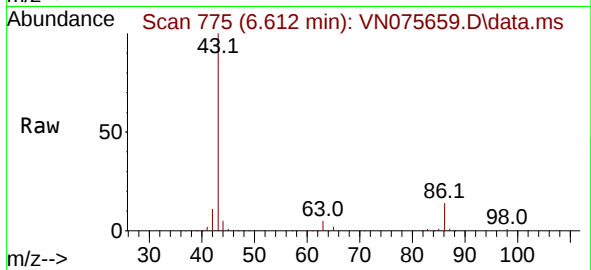
#23
 Vinyl Acetate
 Concen: 247.958 ug/l
 RT: 6.612 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN075659.D
 Acq: 08 Dec 2022 20:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 932779
 Ion Ratio Lower Upper
 43 100
 86 14.1 10.7 16.1

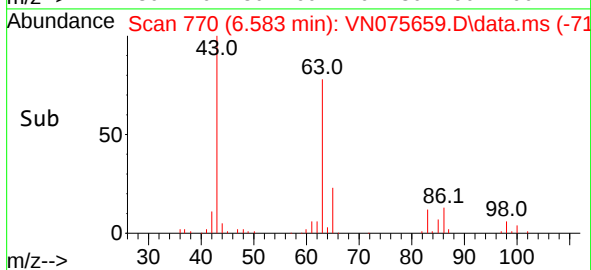
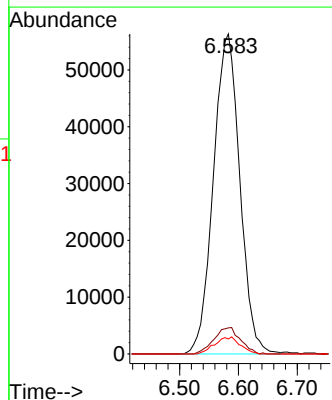
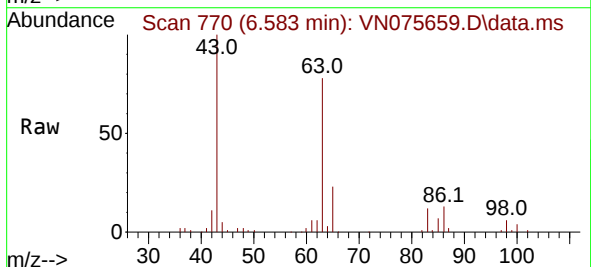
Manual Integrations
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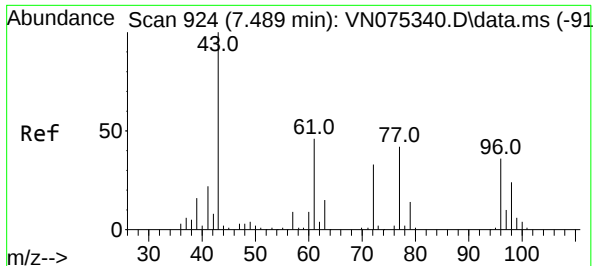
Reviewed By :John Carlone 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022



#24
 1,1-Dichloroethane
 Concen: 57.910 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075659.D
 Acq: 08 Dec 2022 20:08

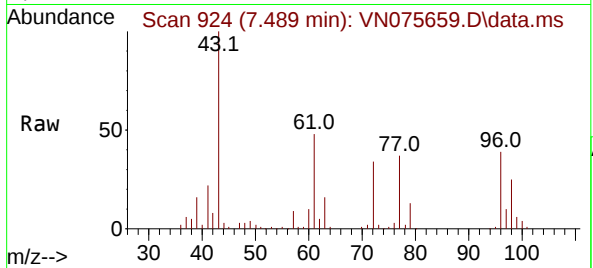
Tgt Ion: 63 Resp: 175764
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.8
 100 4.7 2.4 7.2





#25
2-Butanone
Concen: 238.275 ug/l
RT: 7.489 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

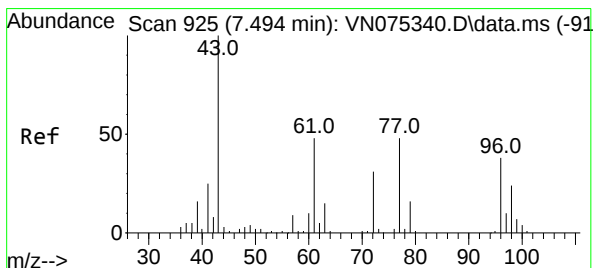
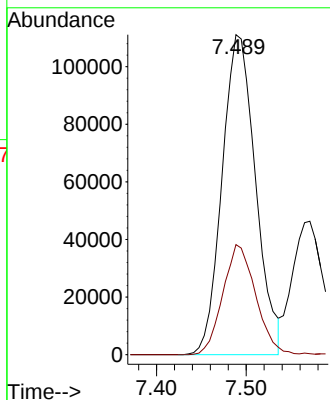
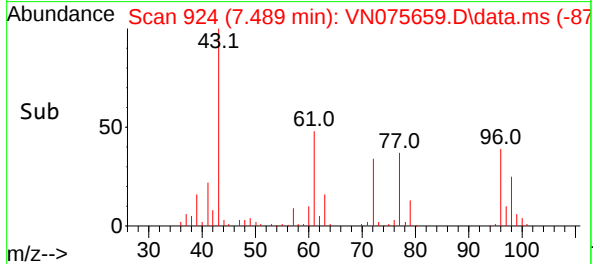
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



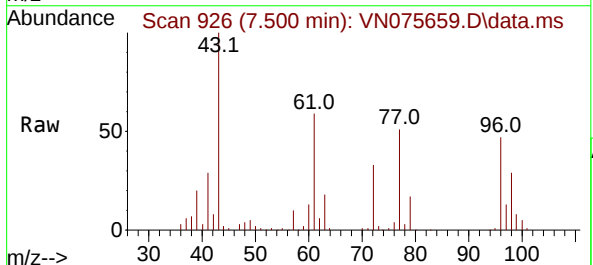
Tgt Ion: 43 Resp: 28812
Ion Ratio Lower Upper
43 100
72 34.4 25.5 38.3

Manual Integrations
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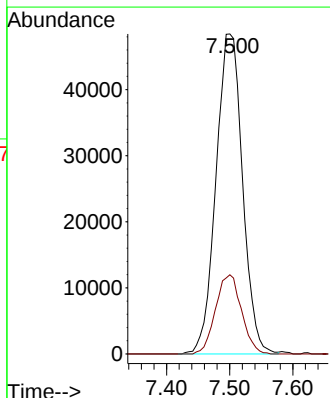
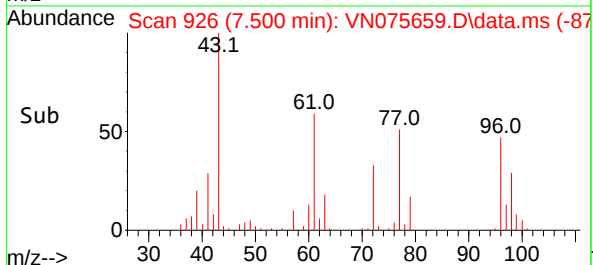
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

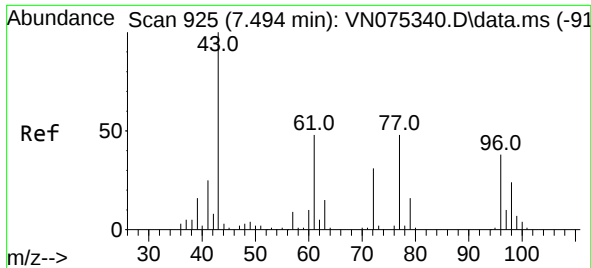


#26
2,2-Dichloropropane
Concen: 50.144 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08



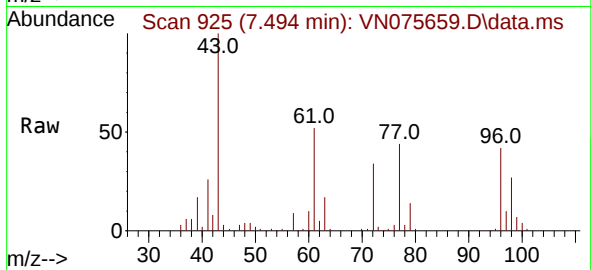
Tgt Ion: 77 Resp: 141445
Ion Ratio Lower Upper
77 100
97 24.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 60.105 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075659.D
 Acq: 08 Dec 2022 20:08

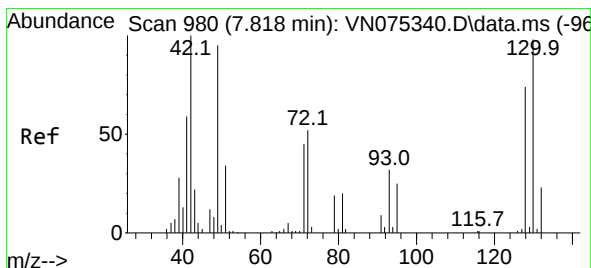
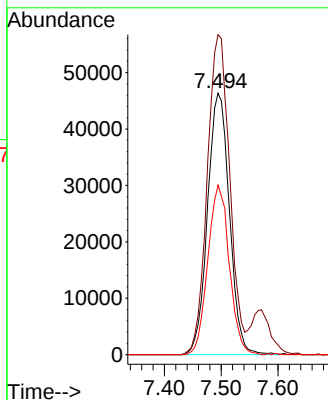
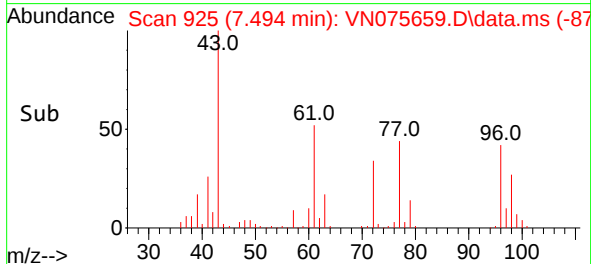
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 124075
 Ion Ratio Lower Upper
 96 100
 61 125.1 0.0 278.8
 98 63.5 0.0 128.4

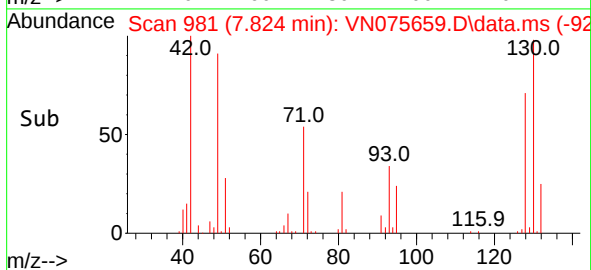
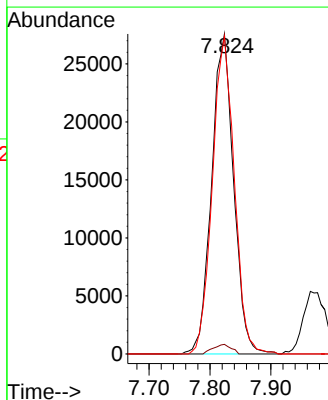
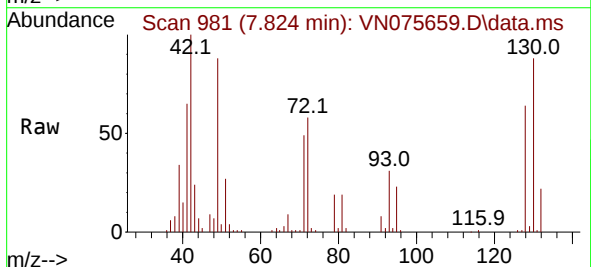
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022



#28
 Bromochloromethane
 Concen: 56.290 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.006 min
 Lab File: VN075659.D
 Acq: 08 Dec 2022 20:08

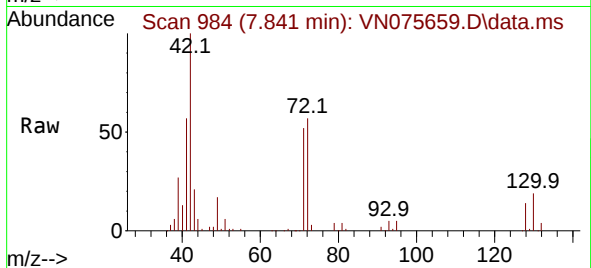
Tgt Ion: 49 Resp: 69349
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 98.9 66.2 99.4





#29
Tetrahydrofuran
Concen: 258.055 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

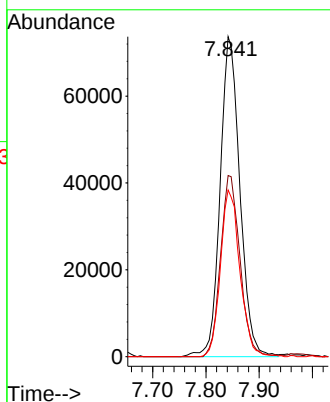
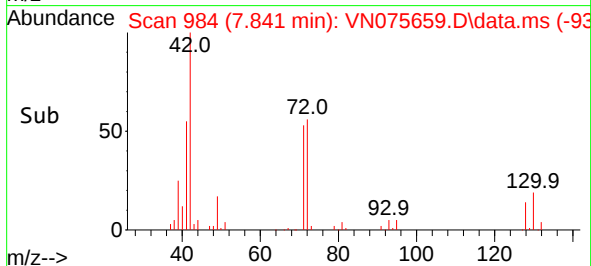
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



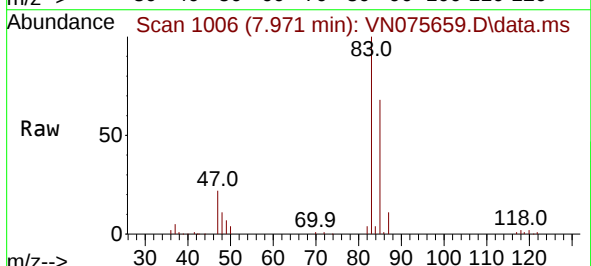
Tgt Ion: 42 Resp: 18980
Ion Ratio Lower Upper
42 100
72 55.8 43.0 64.6
71 51.4 39.9 59.9

Manual Integrations
APPROVED

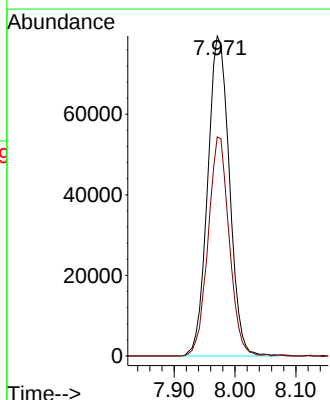
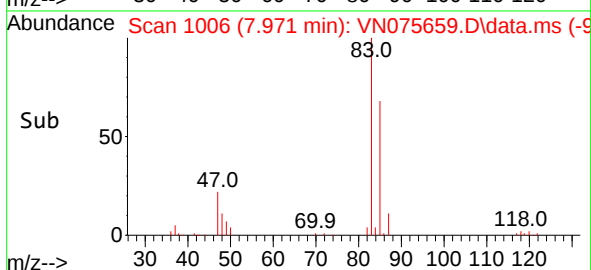
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

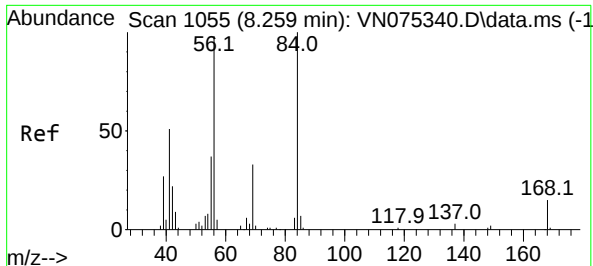


#30
Chloroform
Concen: 56.584 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08



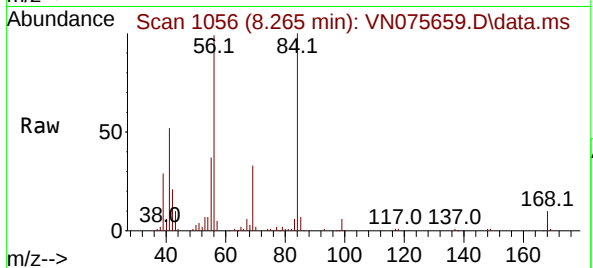
Tgt Ion: 83 Resp: 197219
Ion Ratio Lower Upper
83 100
85 68.4 51.4 77.0





#31
Cyclohexane
Concen: 52.793 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

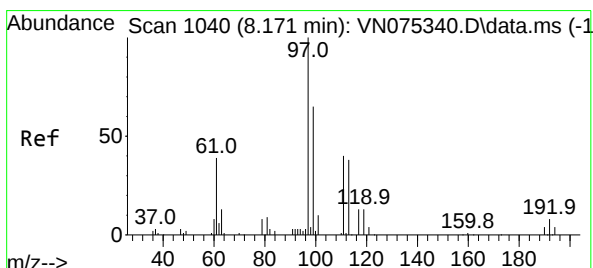
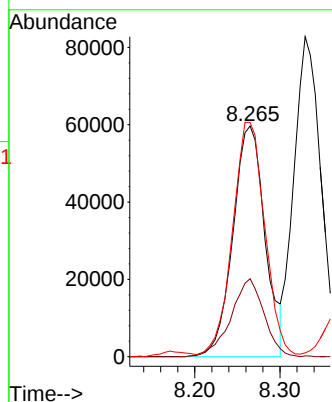
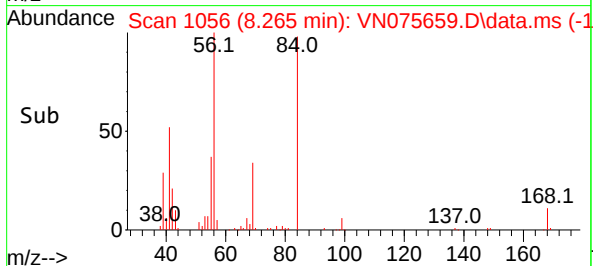
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



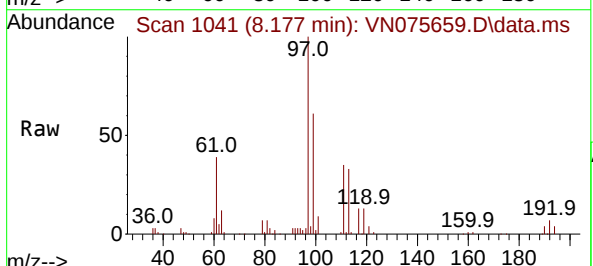
Tgt Ion: 56 Resp: 155740
Ion Ratio Lower Upper
56 100
69 33.7 25.2 37.8
84 99.6 77.8 116.8

Manual Integrations
APPROVED

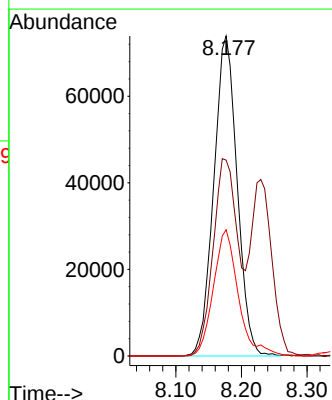
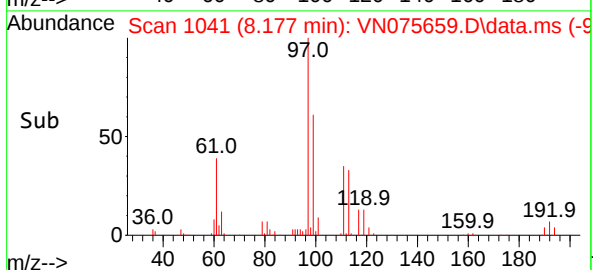
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

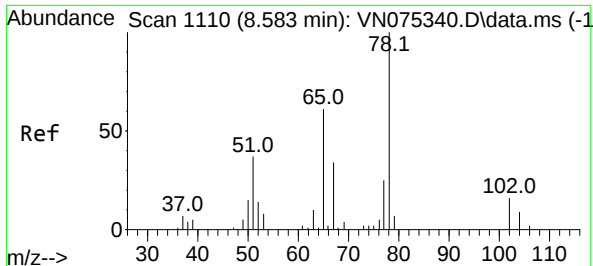


#32
1,1,1-Trichloroethane
Concen: 57.765 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08



Tgt Ion: 97 Resp: 182810
Ion Ratio Lower Upper
97 100
99 66.1 50.2 75.2
61 42.0 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 51.302 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.005 min

Lab File: VN075659.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 47630

Ion Ratio Lower Upper

65 100

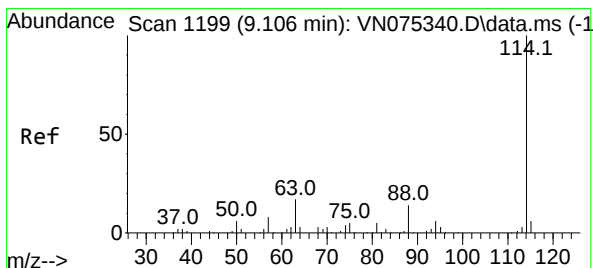
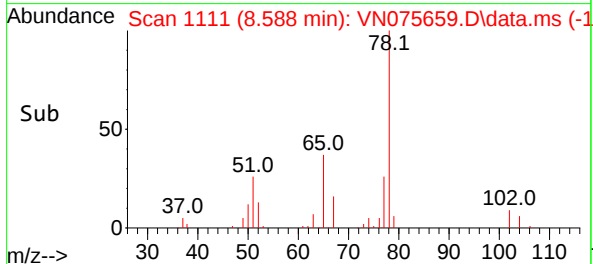
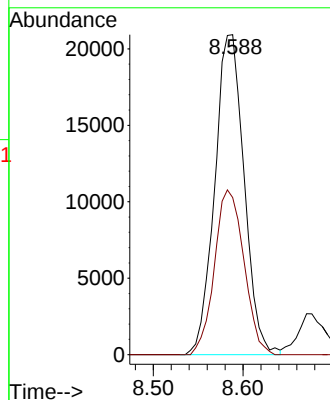
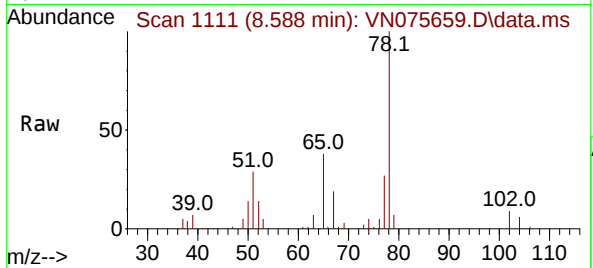
67 51.5 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075659.D

Acq: 08 Dec 2022 20:08

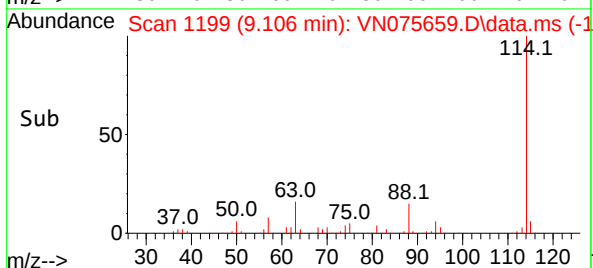
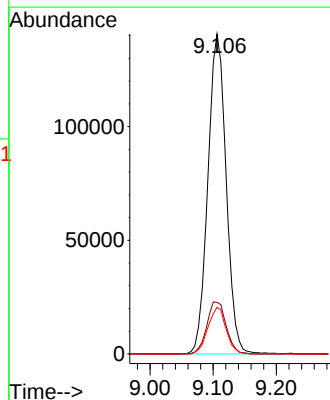
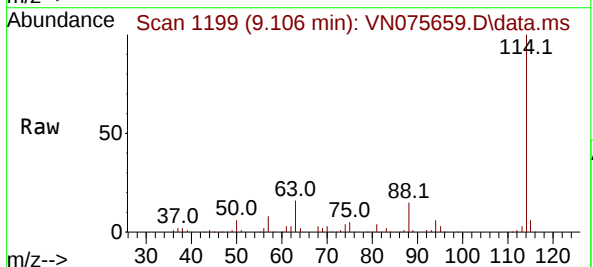
Tgt Ion:114 Resp: 283181

Ion Ratio Lower Upper

114 100

63 16.1 0.0 39.6

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 55.909 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075659.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 6219

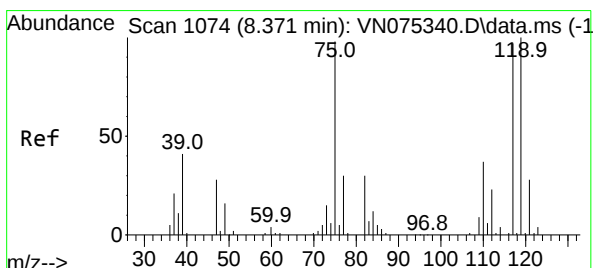
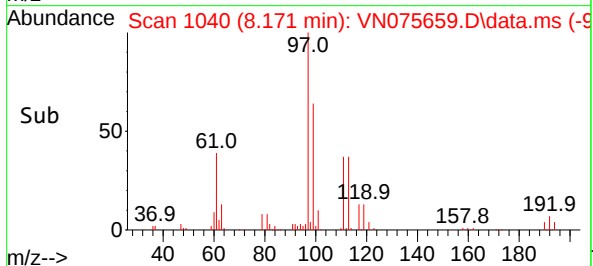
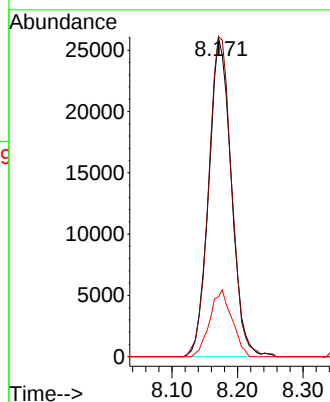
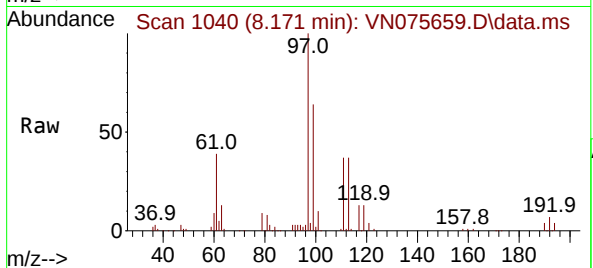
Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.5	120.7
192	20.5	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#36

1,1-Dichloropropene

Concen: 57.906 ug/l

RT: 8.377 min Scan# 1075

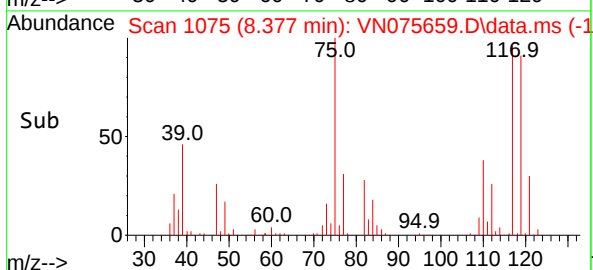
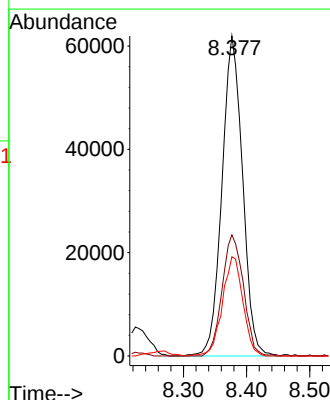
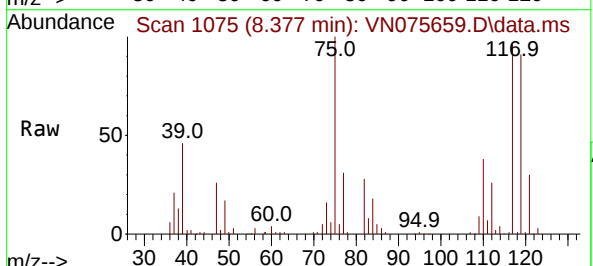
Delta R.T. 0.006 min

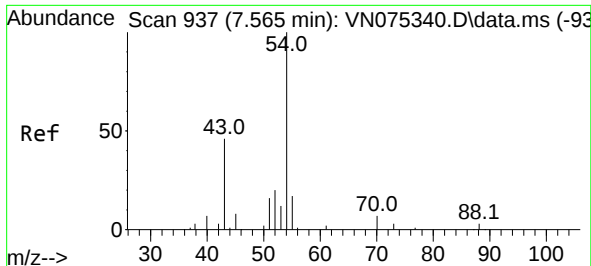
Lab File: VN075659.D

Acq: 08 Dec 2022 20:08

Tgt Ion: 75 Resp: 140476

Ion	Ratio	Lower	Upper
75	100		
110	39.2	17.8	53.3
77	30.9	24.6	37.0





#37

Ethyl Acetate

Concen: 54.014 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075659.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 11798

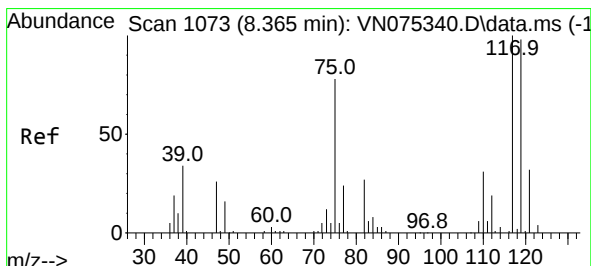
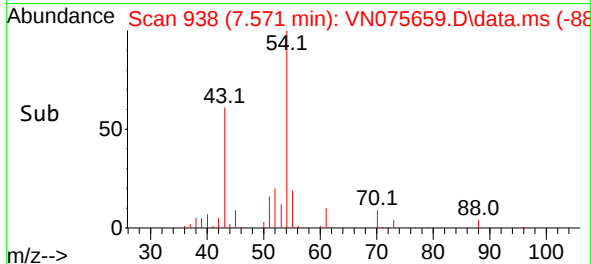
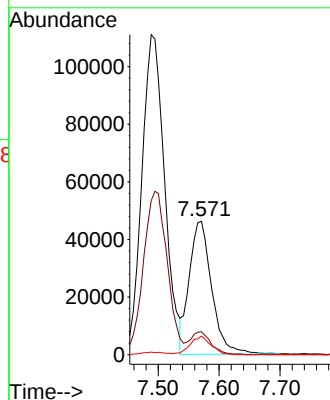
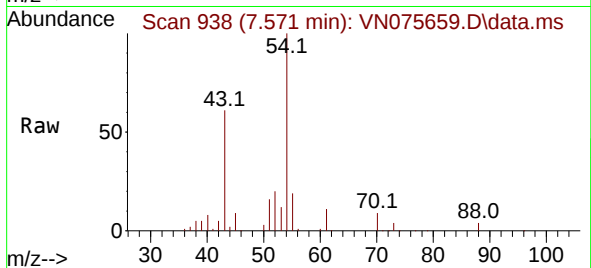
Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.2	18.4
70	12.8	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#38

Carbon Tetrachloride

Concen: 60.781 ug/l

RT: 8.371 min Scan# 1074

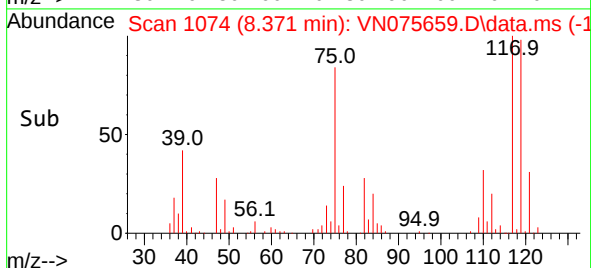
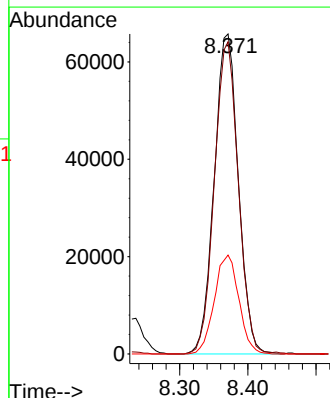
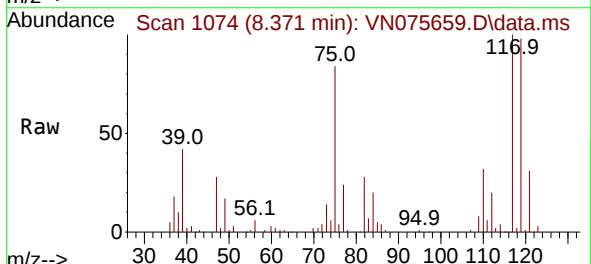
Delta R.T. 0.006 min

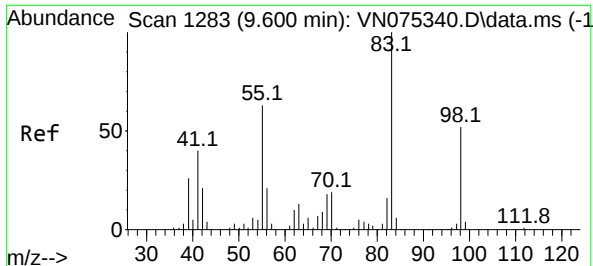
Lab File: VN075659.D

Acq: 08 Dec 2022 20:08

Tgt Ion:117 Resp: 161979

Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.7	115.1
121	30.9	23.9	35.9





#39

Methylcyclohexane

Concen: 59.831 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075659.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 181659

Ion Ratio Lower Upper

83 100

55 66.2 53.6 80.4

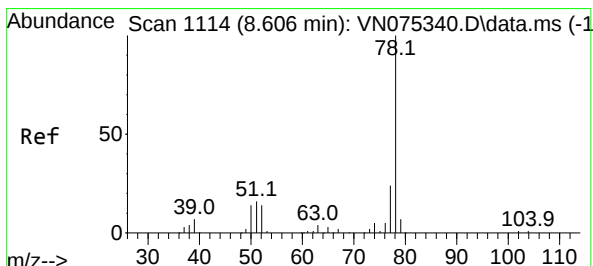
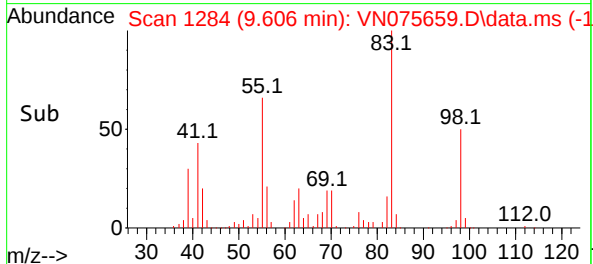
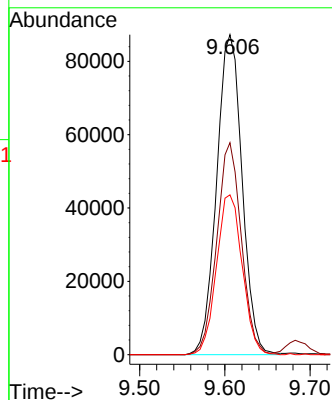
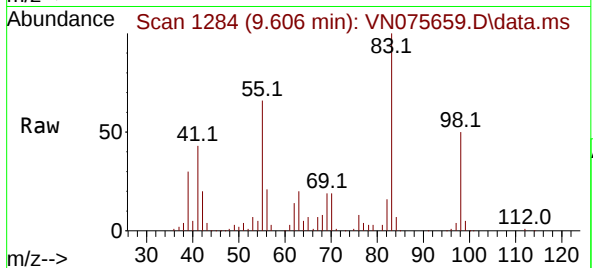
98 49.9 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#40

Benzene

Concen: 58.360 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075659.D

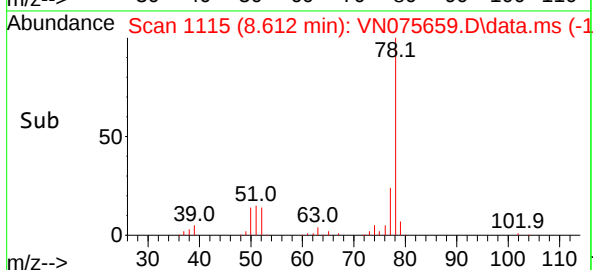
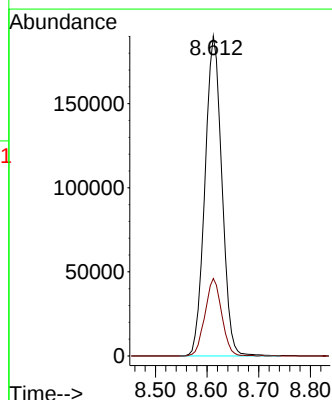
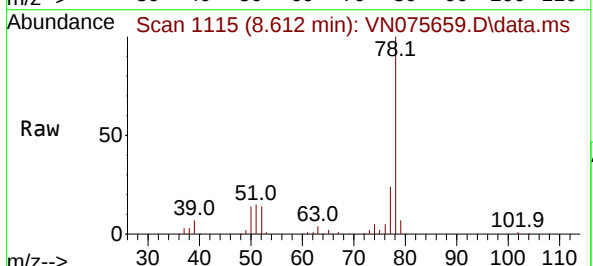
Acq: 08 Dec 2022 20:08

Tgt Ion: 78 Resp: 433474

Ion Ratio Lower Upper

78 100

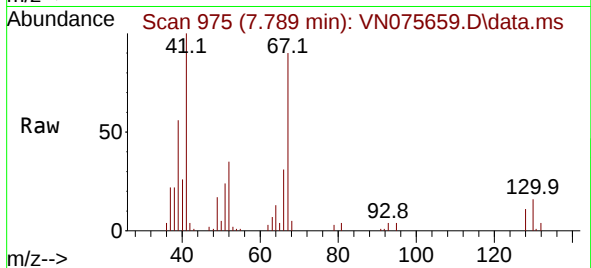
77 24.2 19.4 29.0





#41
Methacrylonitrile
Concen: 55.978 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

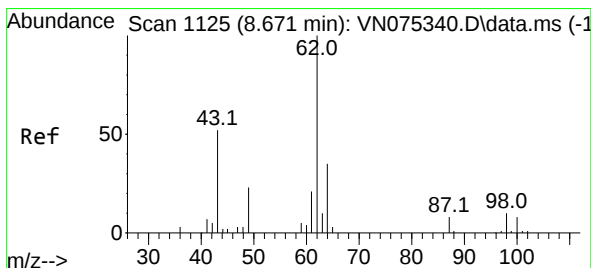
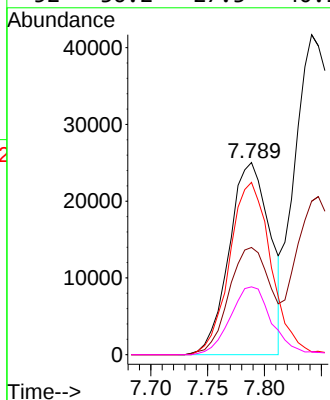
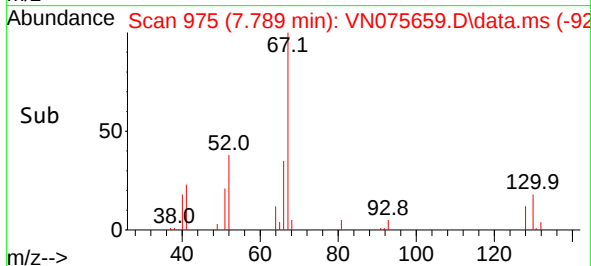
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 6251
Ion Ratio Lower Upper
41 100
39 56.7 44.4 66.6
67 91.5 69.8 104.6
52 36.2 27.3 40.9

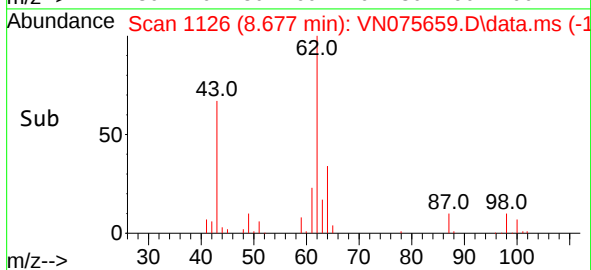
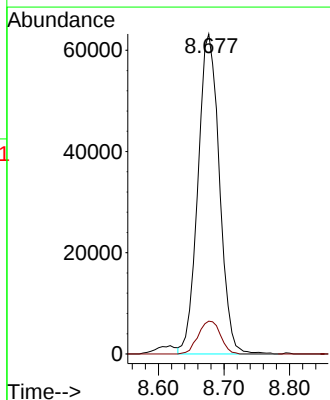
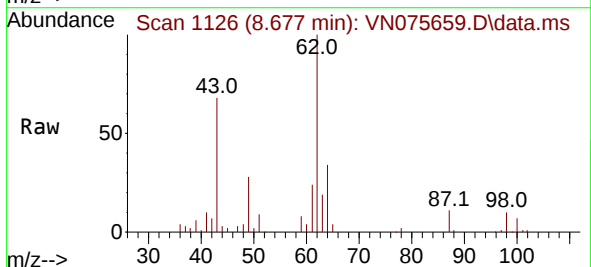
Manual Integrations
APPROVED

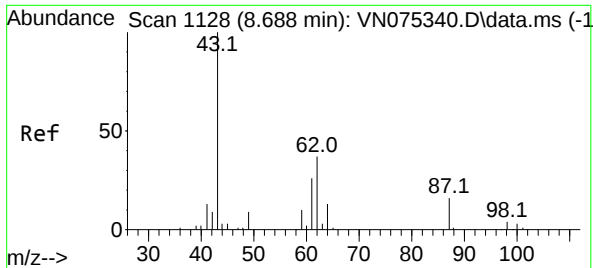
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#42
1,2-Dichloroethane
Concen: 57.801 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Tgt Ion: 62 Resp: 143785
Ion Ratio Lower Upper
62 100
98 10.6 0.0 18.2





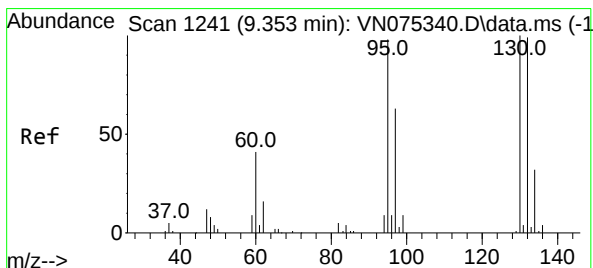
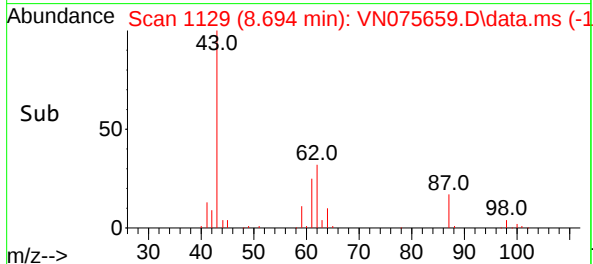
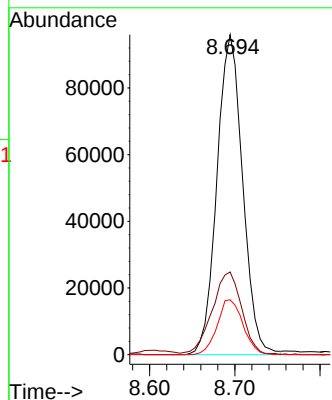
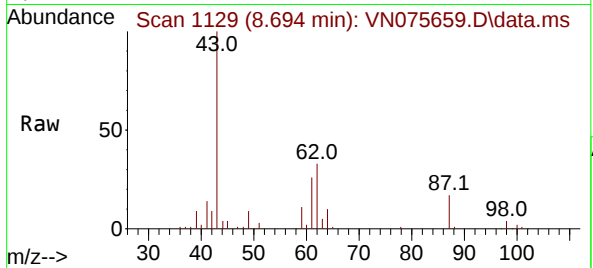
#43
Isopropyl Acetate
Concen: 57.386 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 201210
Ion Ratio Lower Upper
43 100
61 29.9 22.4 33.6
87 17.2 12.5 18.7

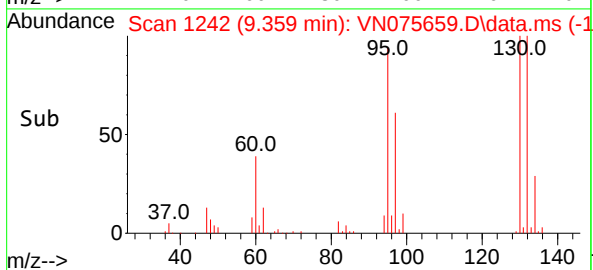
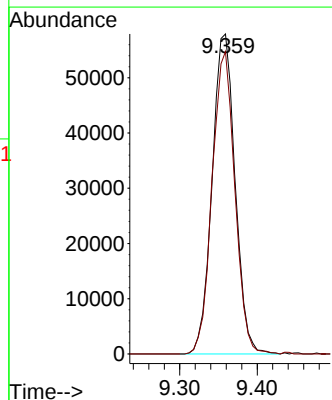
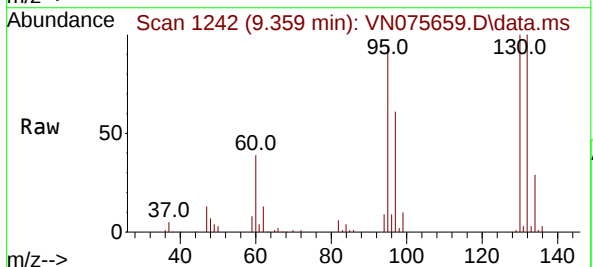
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#44
Trichloroethene
Concen: 58.686 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Tgt Ion:130 Resp: 119271
Ion Ratio Lower Upper
130 100
95 94.5 0.0 198.4





#45

1,2-Dichloropropane

Concen: 58.331 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075659.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 10324

Ion Ratio Lower Upper

63 100

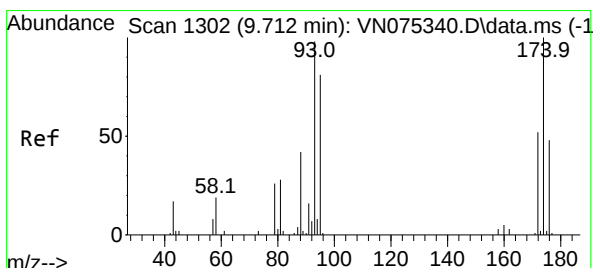
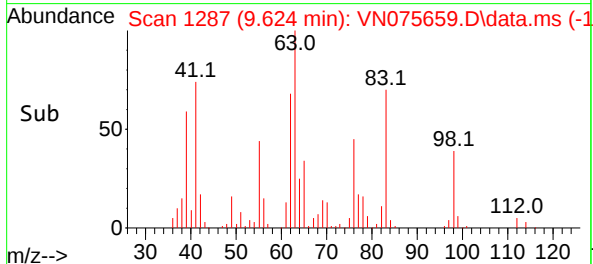
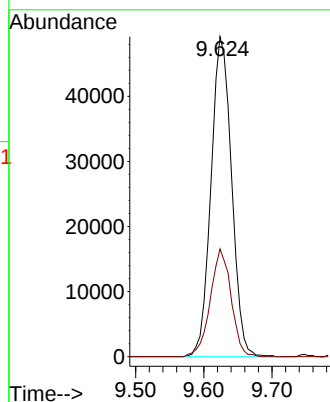
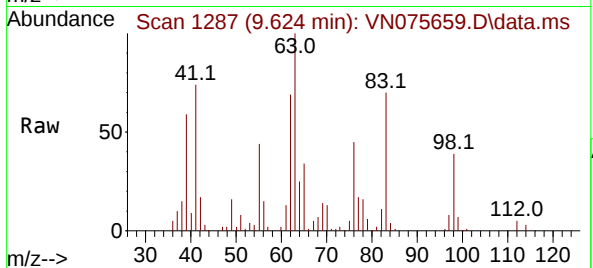
65 33.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#46

Dibromomethane

Concen: 59.592 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075659.D

Acq: 08 Dec 2022 20:08

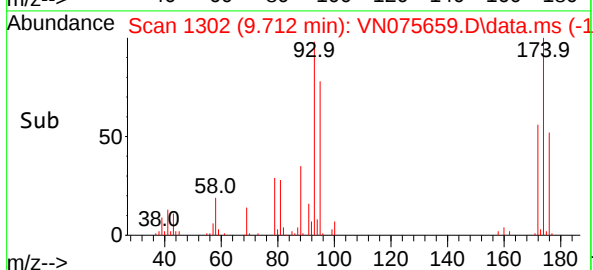
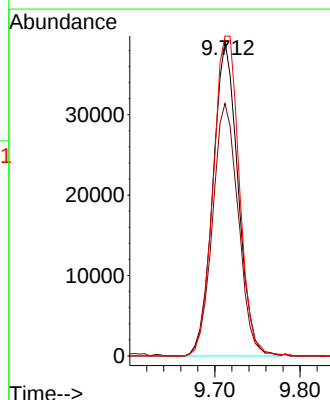
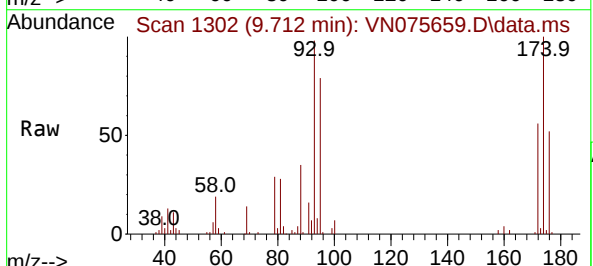
Tgt Ion: 93 Resp: 79782

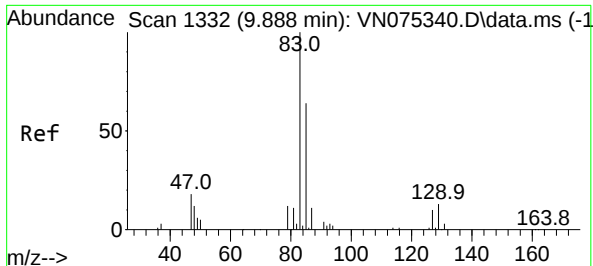
Ion Ratio Lower Upper

93 100

95 82.5 66.6 99.8

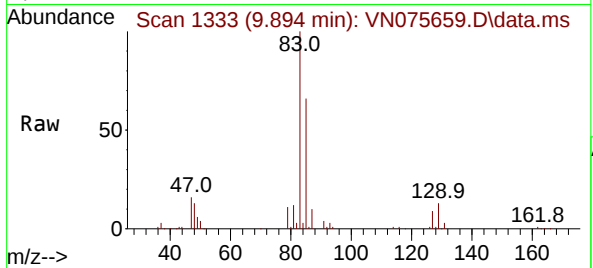
174 106.0 70.3 105.5#





#47
Bromodichloromethane
Concen: 60.784 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

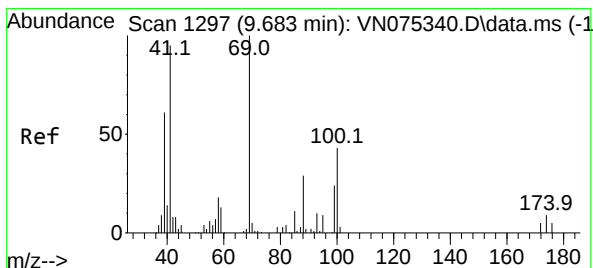
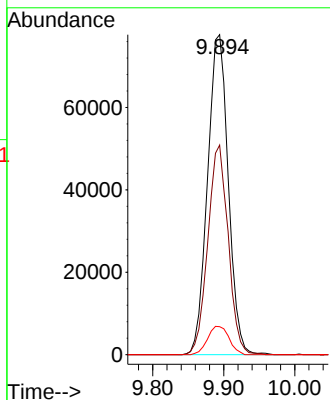
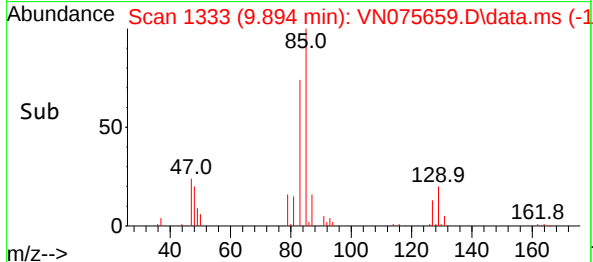
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 157592
Ion Ratio Lower Upper
83 100
85 65.5 52.1 78.1
127 8.8 6.6 10.0

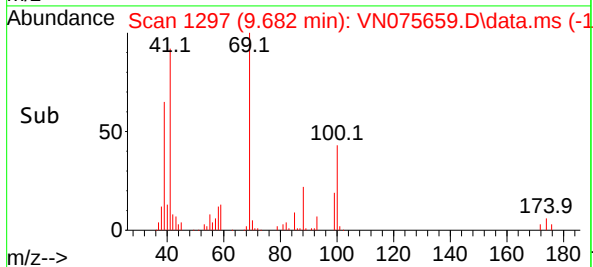
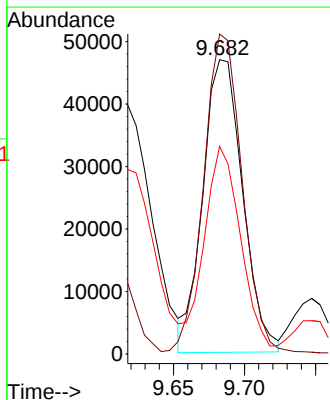
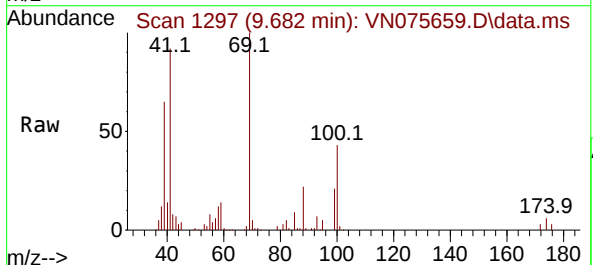
Manual Integrations
APPROVED

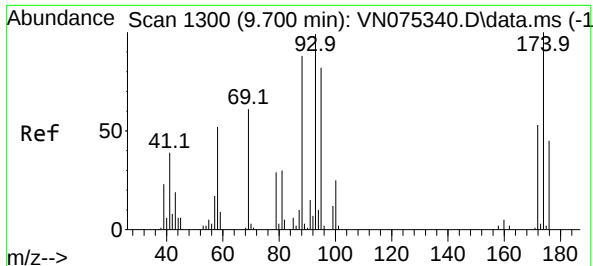
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#48
Methyl methacrylate
Concen: 56.385 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.001 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Tgt Ion: 41 Resp: 91414
Ion Ratio Lower Upper
41 100
69 106.6 80.2 120.2
39 66.5 56.2 84.2





#49

1,4-Dioxane

Concen: 974.835 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN075659.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 44878

Ion Ratio Lower Upper

88 100

43 22.0 17.5 26.3

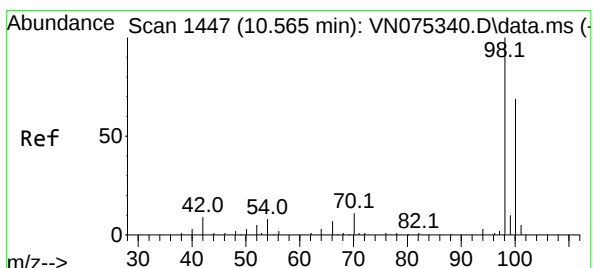
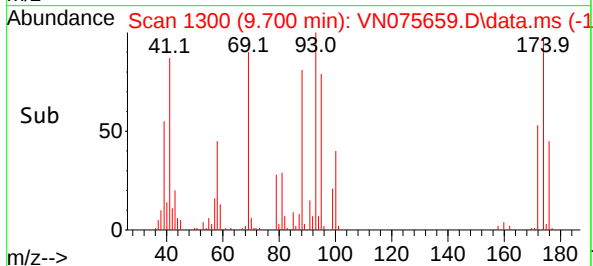
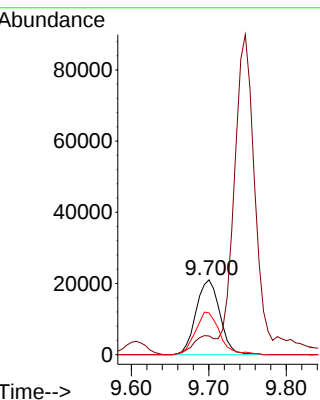
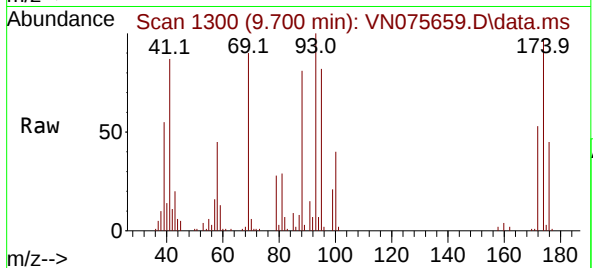
58 58.3 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#50

Toluene-d8

Concen: 52.308 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075659.D

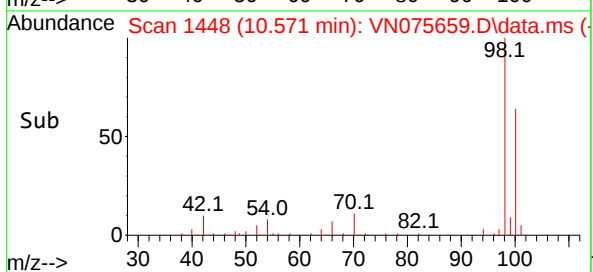
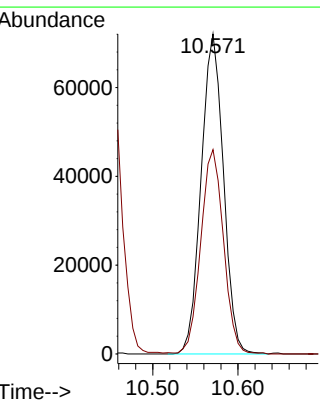
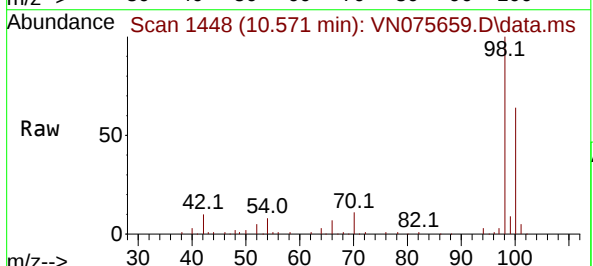
Acq: 08 Dec 2022 20:08

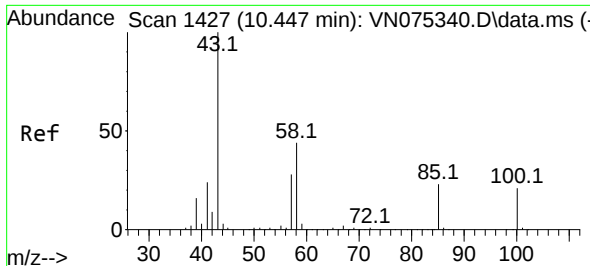
Tgt Ion: 98 Resp: 131058

Ion Ratio Lower Upper

98 100

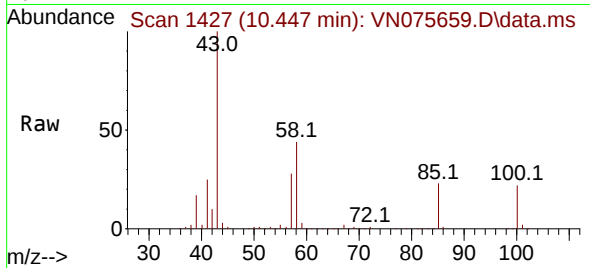
100 65.1 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 279.373 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

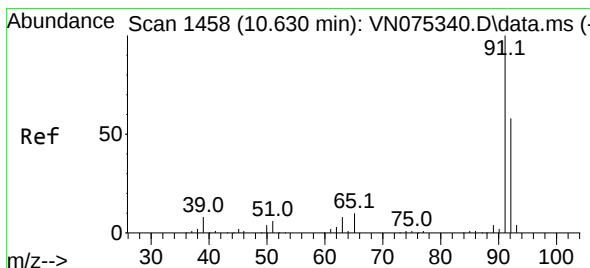
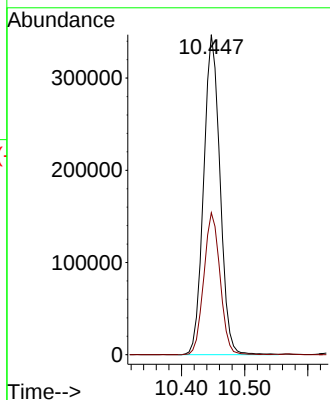
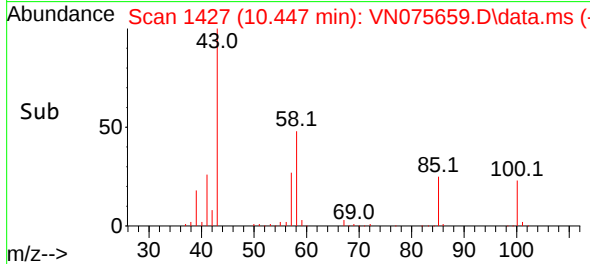
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



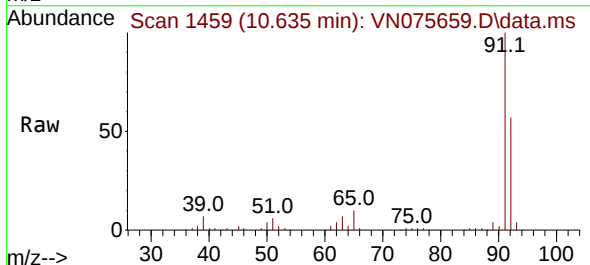
Tgt Ion: 43 Resp: 62389
Ion Ratio Lower Upper
43 100
58 44.0 33.6 50.4

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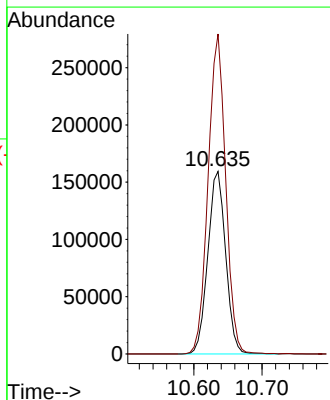
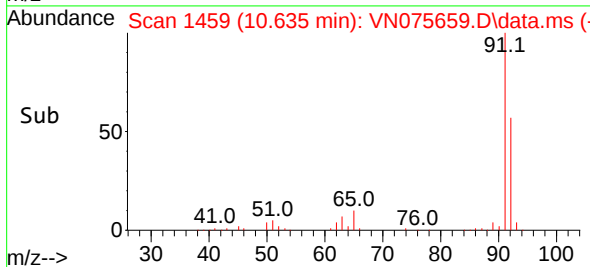
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

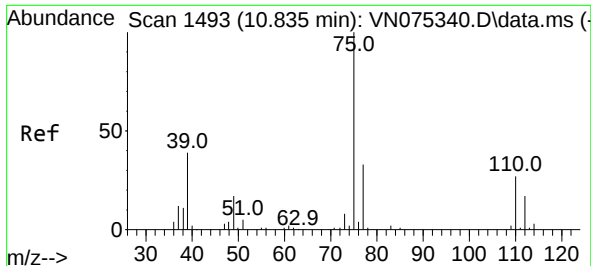


#52
Toluene
Concen: 60.660 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08



Tgt Ion: 92 Resp: 290340
Ion Ratio Lower Upper
92 100
91 172.6 135.4 203.2





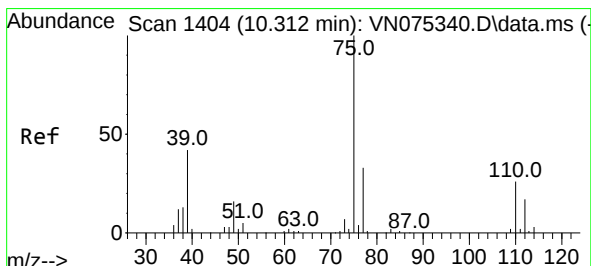
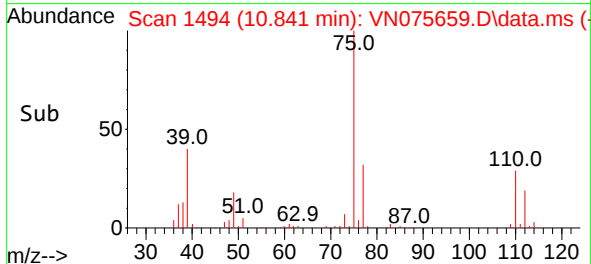
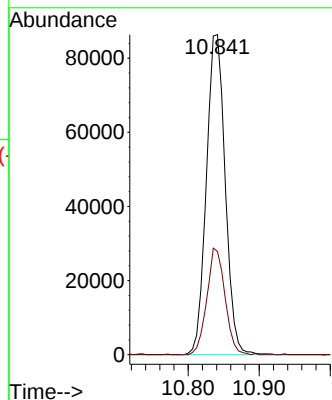
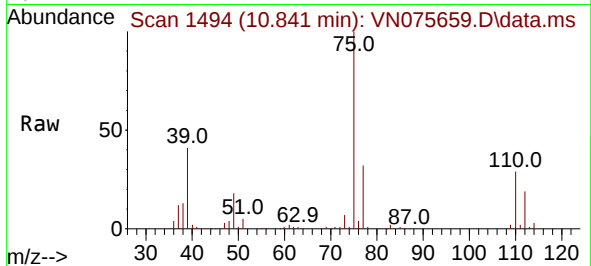
#53
t-1,3-Dichloropropene
Concen: 61.203 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 15930
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2

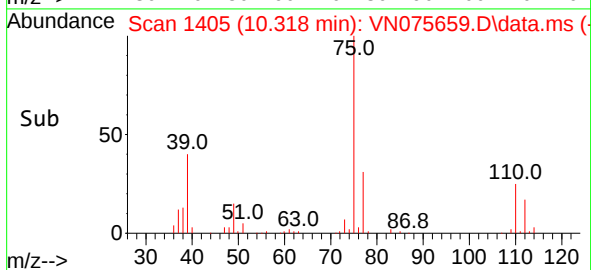
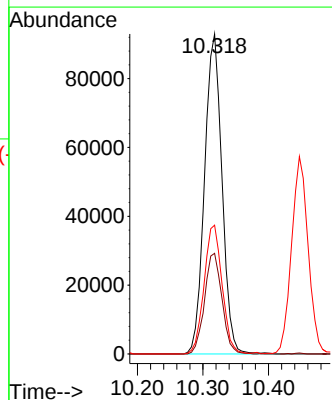
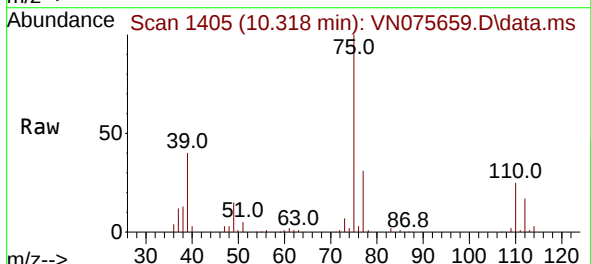
Manual Integrations
APPROVED

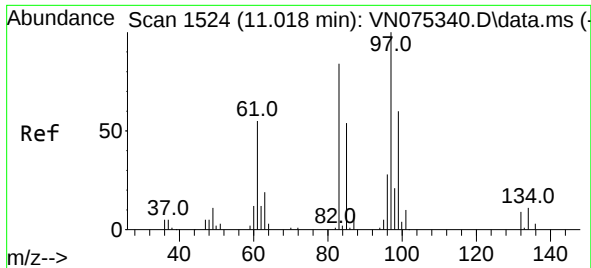
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#54
cis-1,3-Dichloropropene
Concen: 60.849 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

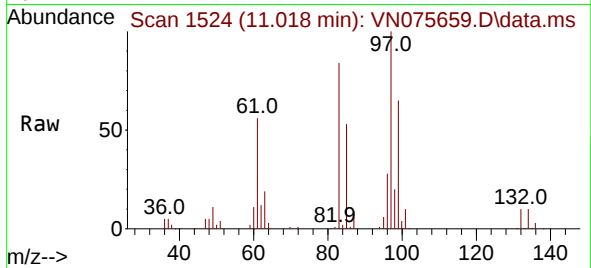
Tgt Ion: 75 Resp: 172015
Ion Ratio Lower Upper
75 100
77 31.5 23.7 35.5
39 40.2 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 59.780 ug/l
RT: 11.018 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

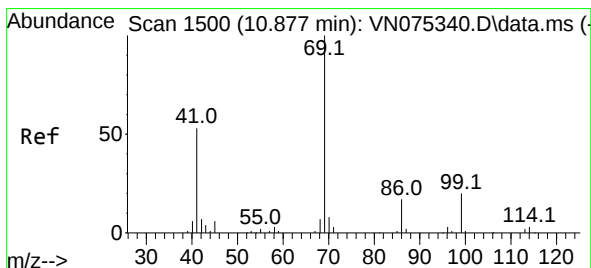
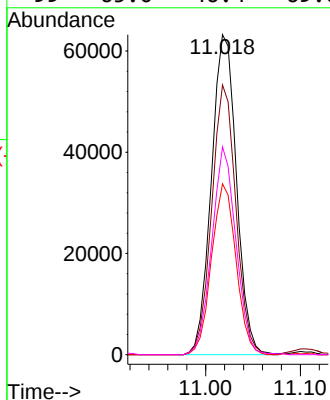
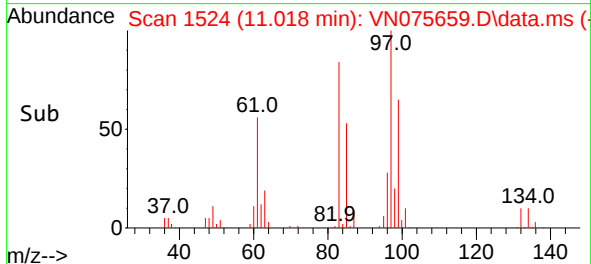


Tgt Ion: 97 Resp: 116538

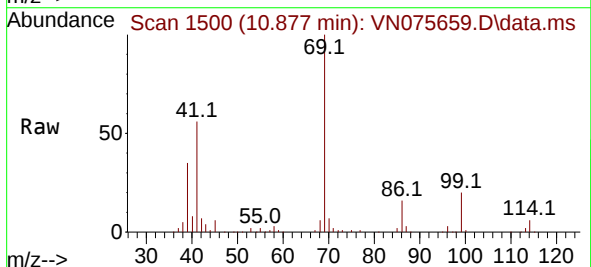
Ion	Ratio	Lower	Upper
97	100		
83	84.3	65.9	98.9
85	53.4	40.4	60.6
99	65.0	46.4	69.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

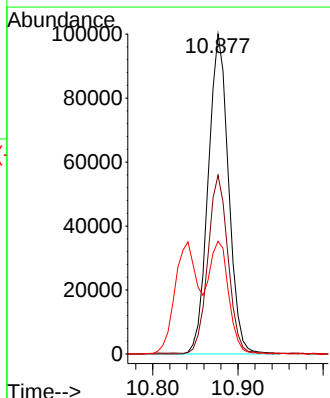
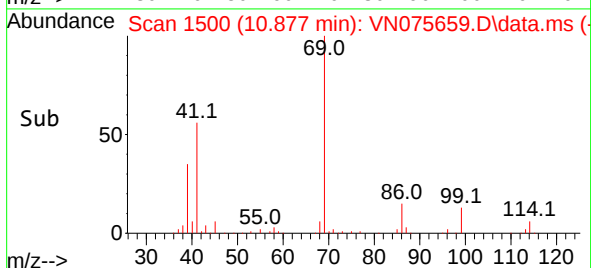


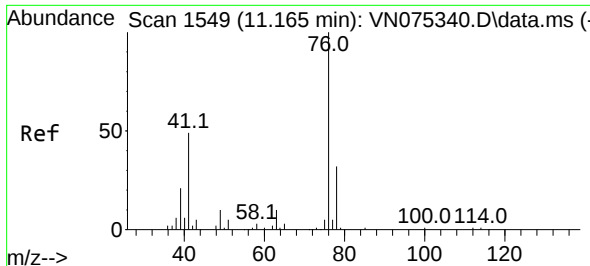
#56
Ethyl methacrylate
Concen: 62.885 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08



Tgt Ion: 69 Resp: 165558

Ion	Ratio	Lower	Upper
69	100		
41	55.5	45.6	68.4
39	34.0	28.5	42.7





#57

1,3-Dichloropropane

Concen: 58.159 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075659.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 18486

Ion Ratio Lower Upper

76 100

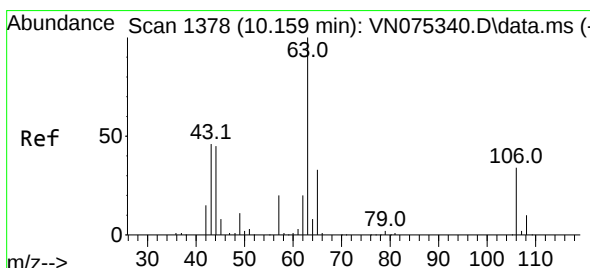
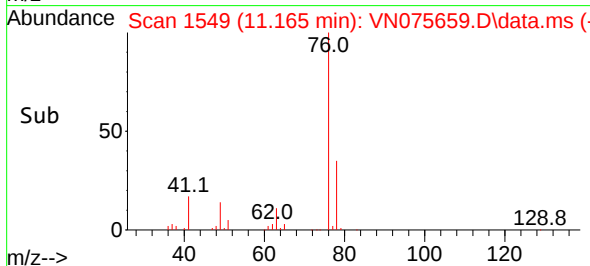
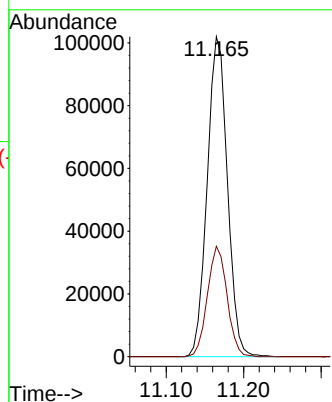
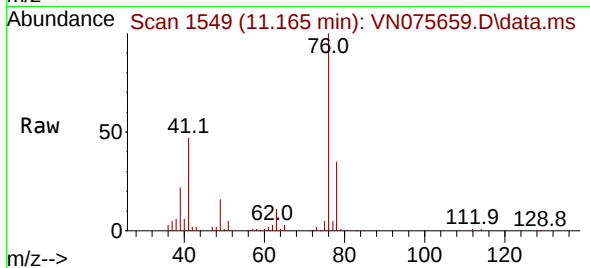
78 33.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#58

2-Chloroethyl Vinyl ether

Concen: 252.593 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VN075659.D

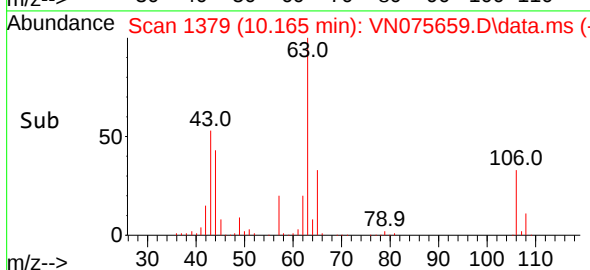
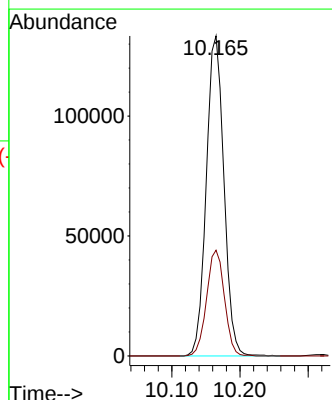
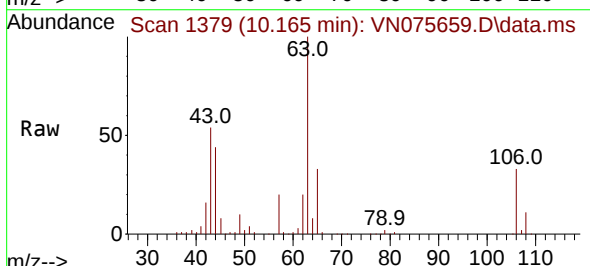
Acq: 08 Dec 2022 20:08

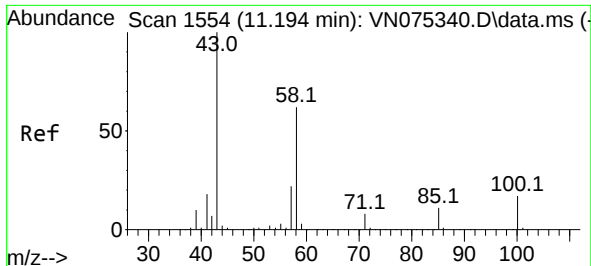
Tgt Ion: 63 Resp: 239836

Ion Ratio Lower Upper

63 100

106 33.5 24.8 37.2





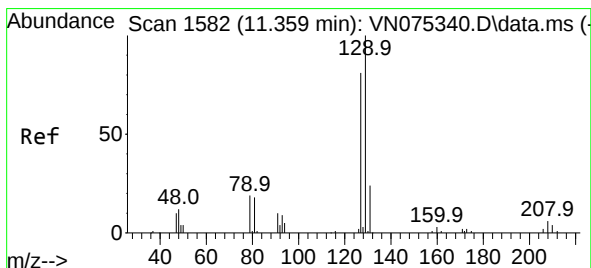
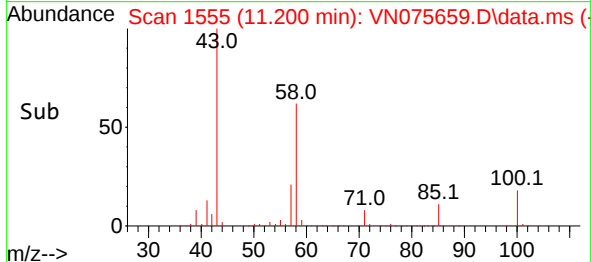
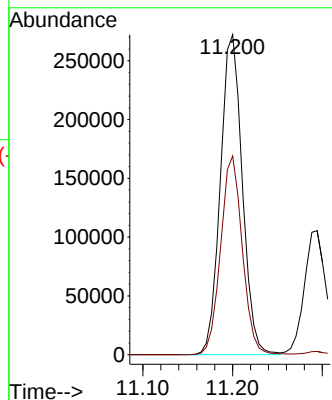
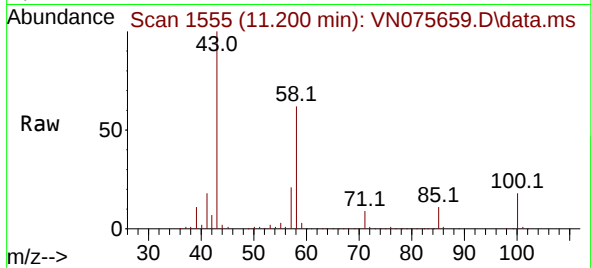
#59
2-Hexanone
Concen: 275.290 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 461630
Ion Ratio Lower Upper
43 100
58 61.4 29.6 88.8

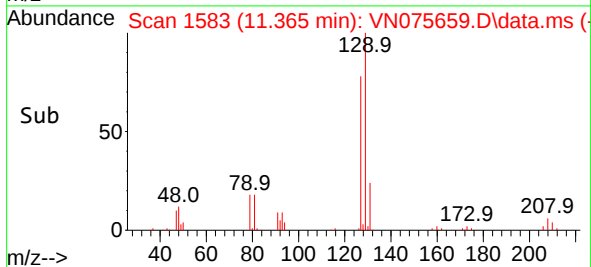
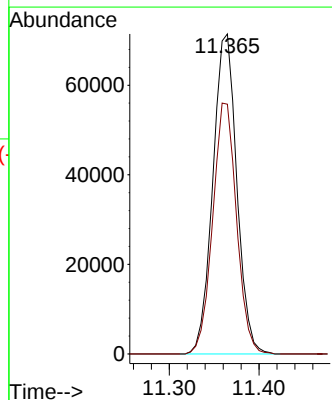
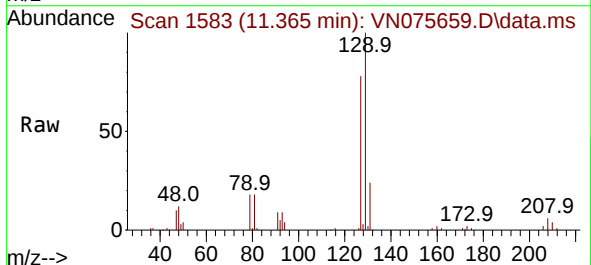
Manual Integrations
APPROVED

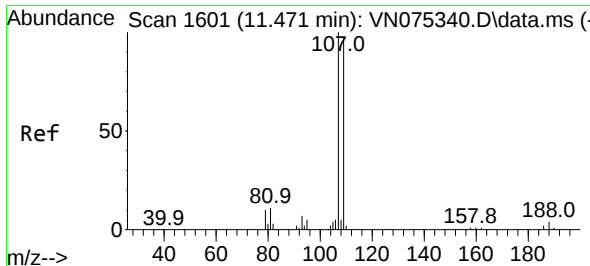
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#60
Dibromochloromethane
Concen: 66.177 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

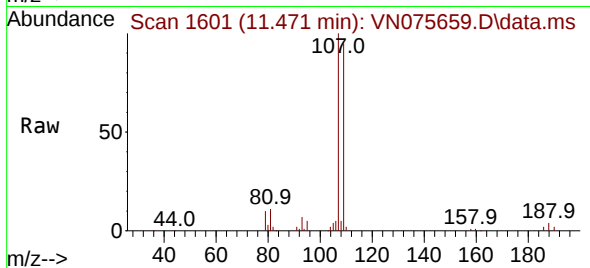
Tgt Ion:129 Resp: 132421
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8





#61
1,2-Dibromoethane
Concen: 59.232 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

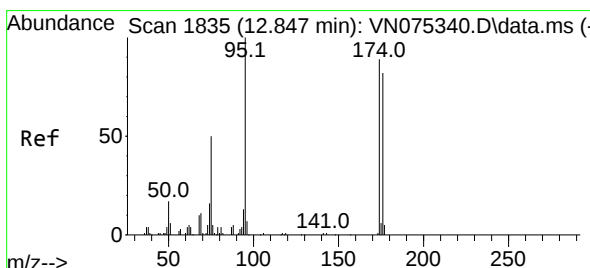
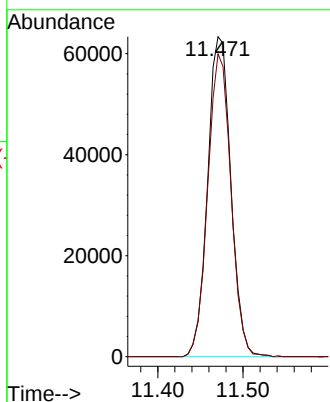
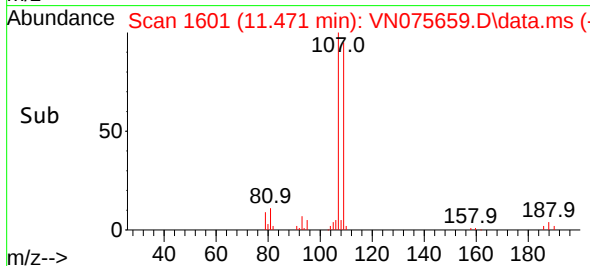
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



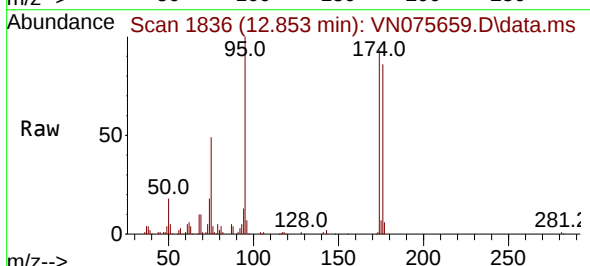
Tgt Ion:107 Resp: 119850
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4

Manual Integrations
APPROVED

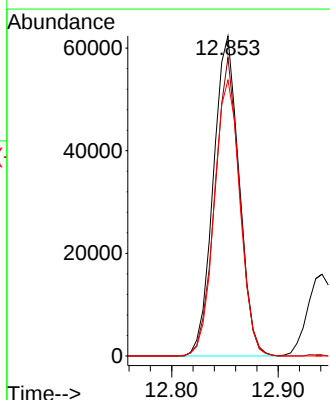
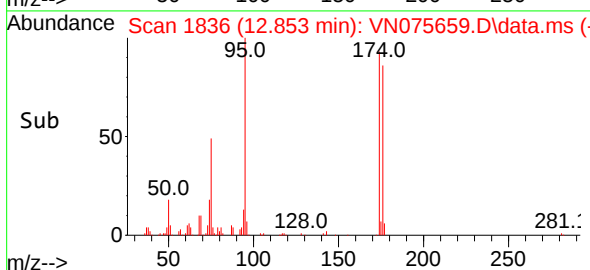
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

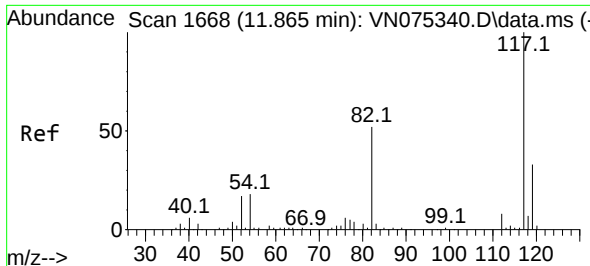


#62
4-Bromofluorobenzene
Concen: 56.479 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08



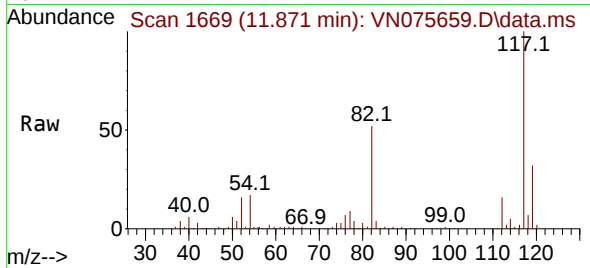
Tgt Ion: 95 Resp: 104448
Ion Ratio Lower Upper
95 100
174 89.7 0.0 147.4
176 86.7 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

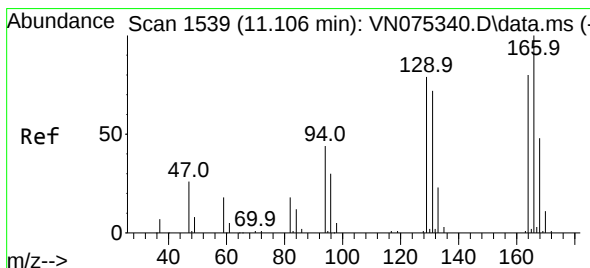
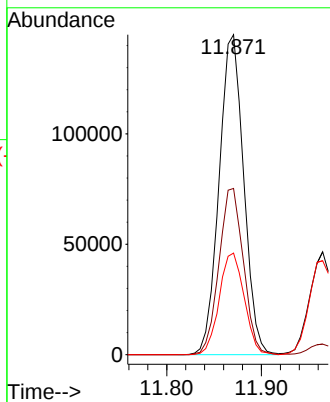
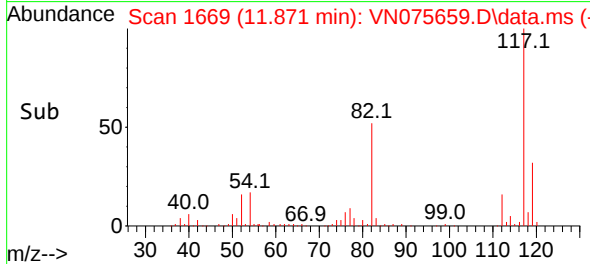
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 26175
Ion Ratio Lower Upper
117 100
82 51.9 43.1 64.7
119 31.7 25.5 38.3

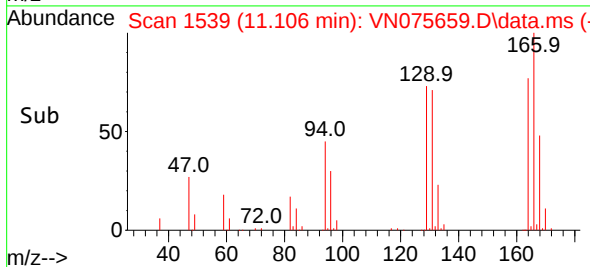
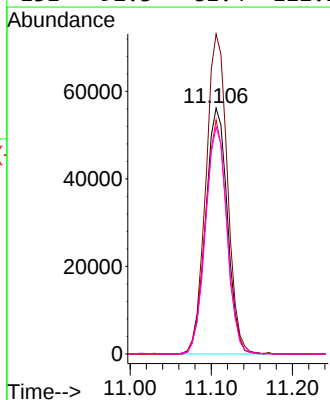
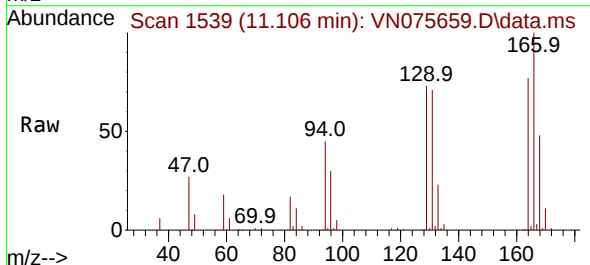
Manual Integrations
APPROVED

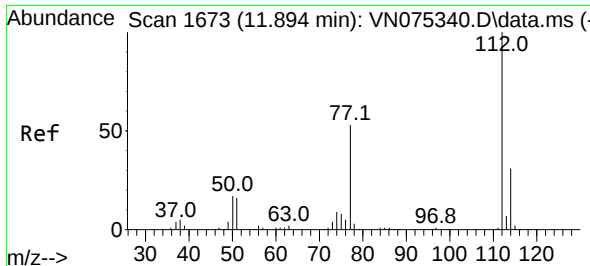
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#64
Tetrachloroethene
Concen: 52.291 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

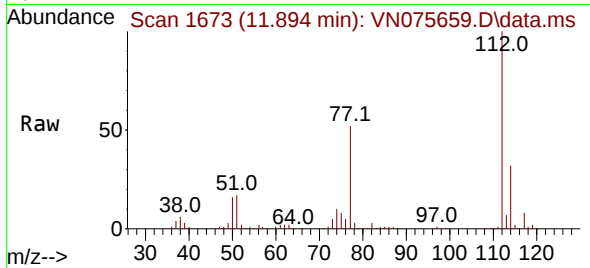
Tgt Ion:164 Resp: 104526
Ion Ratio Lower Upper
164 100
166 130.2 106.5 159.7
129 95.2 81.9 122.9
131 92.3 81.4 122.2





#65
Chlorobenzene
Concen: 58.920 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

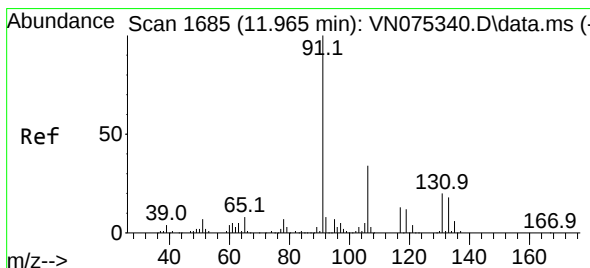
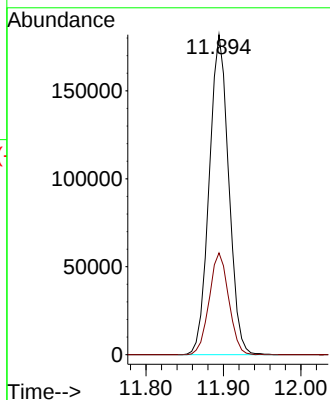
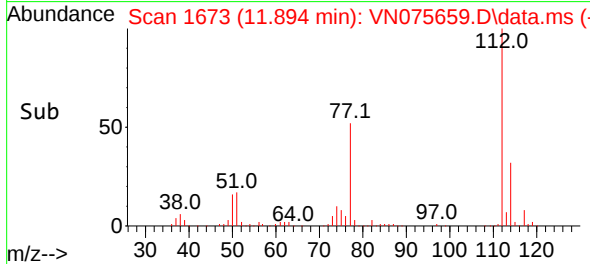
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



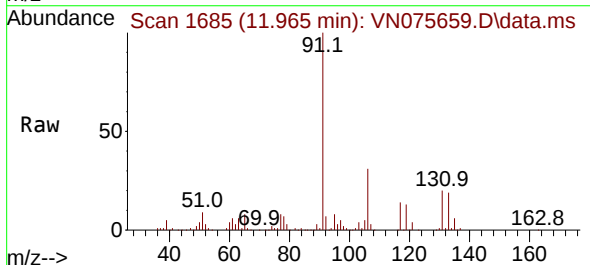
Tgt Ion:112 Resp: 31850
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

Manual Integrations
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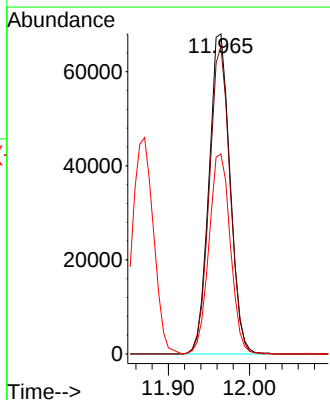
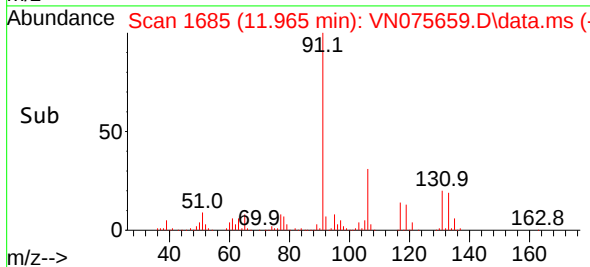
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 60.727 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08



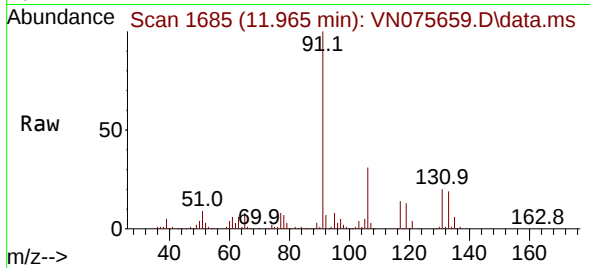
Tgt Ion:131 Resp: 122519
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.4
119 63.7 33.0 99.0





#67
Ethyl Benzene
Concen: 61.884 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

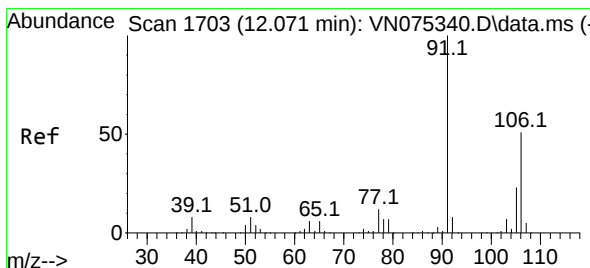
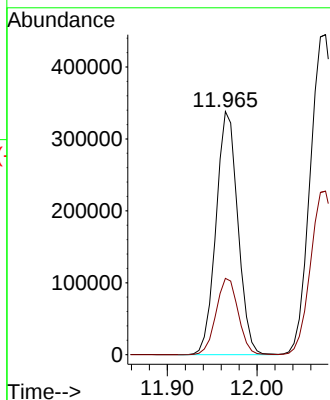
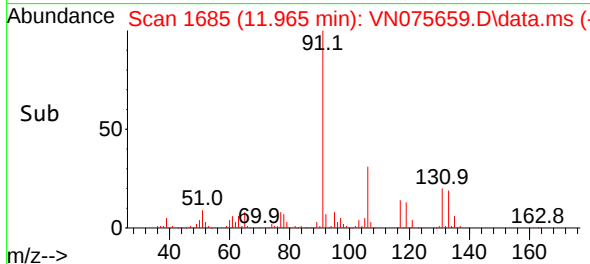
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



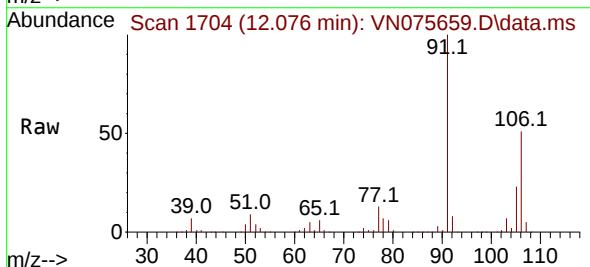
Tgt Ion: 91 Resp: 570728
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

Manual Integrations
APPROVED

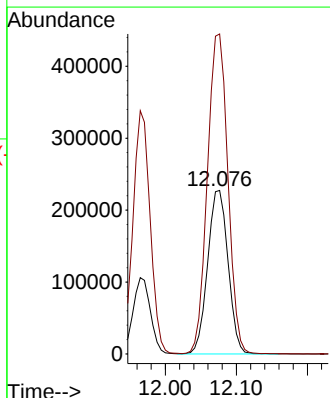
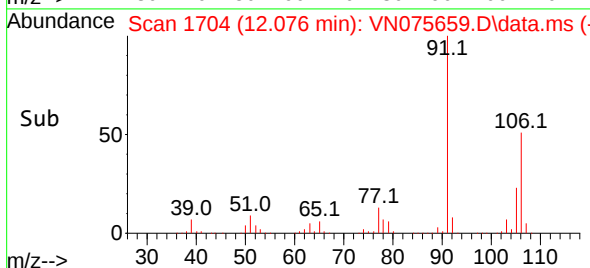
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

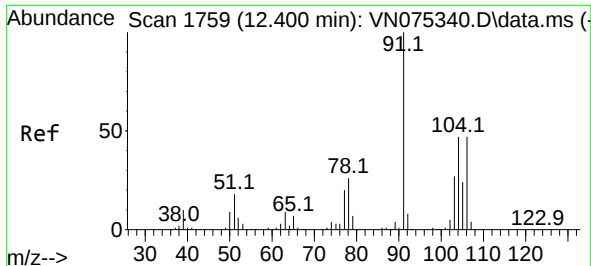


#68
m/p-Xylenes
Concen: 121.226 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.005 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08



Tgt Ion:106 Resp: 454009
Ion Ratio Lower Upper
106 100
91 196.7 156.0 234.0





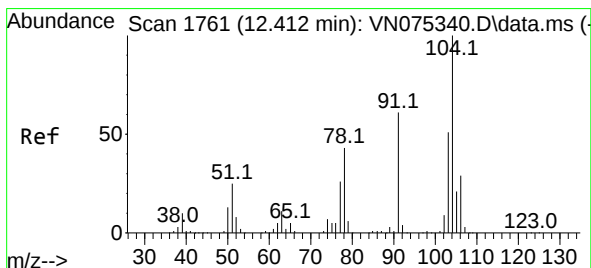
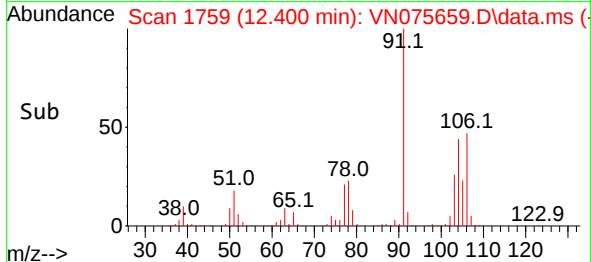
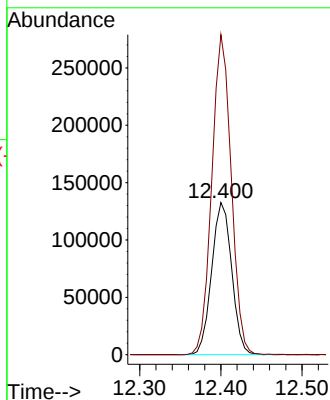
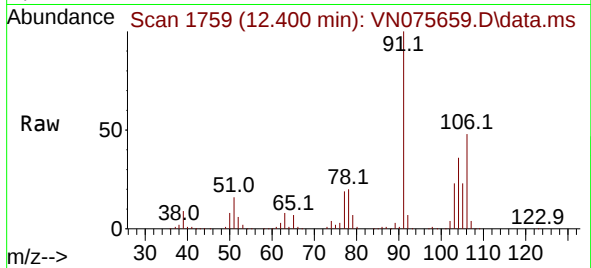
#69
o-Xylene
Concen: 61.148 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 227530
Ion Ratio Lower Upper
106 100
91 204.3 105.2 315.5

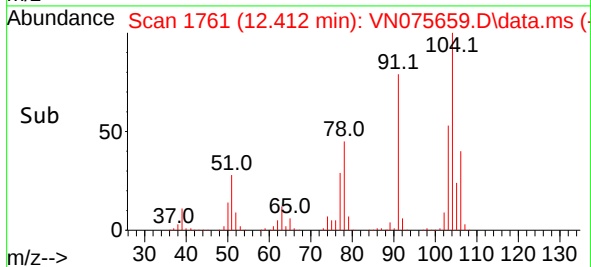
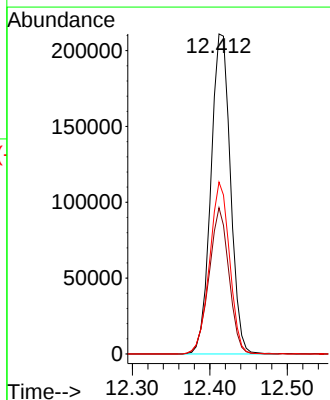
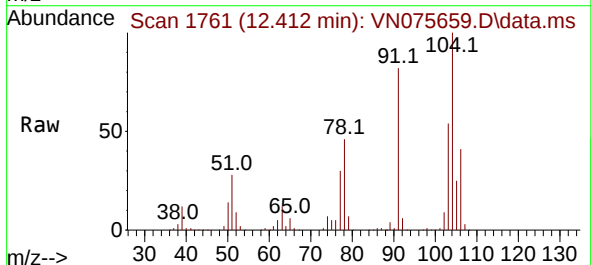
Manual Integrations
APPROVED

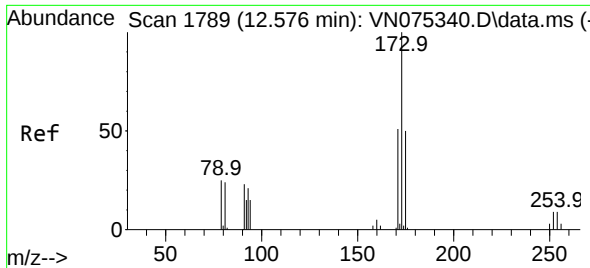
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#70
Styrene
Concen: 63.069 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

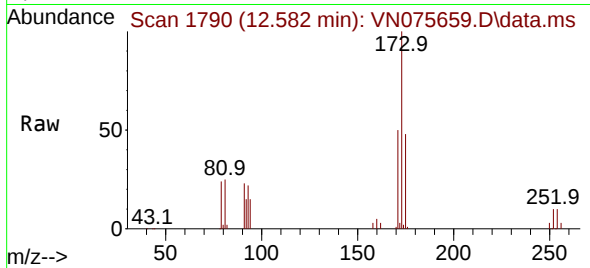
Tgt Ion:104 Resp: 370218
Ion Ratio Lower Upper
104 100
78 46.3 38.1 57.1
103 55.0 44.6 66.8





#71
Bromoform
Concen: 65.247 ug/l
RT: 12.582 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

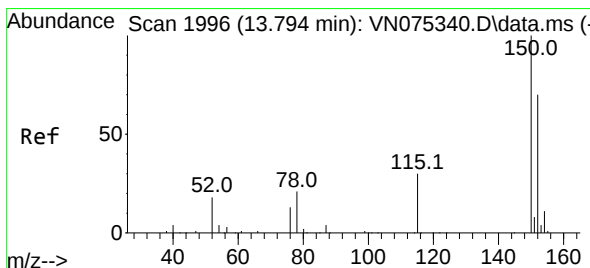
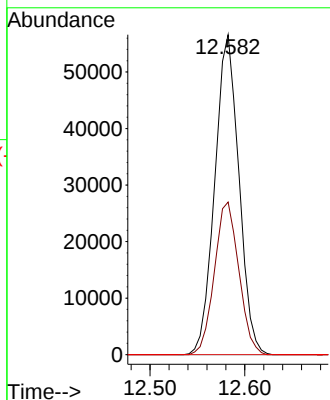
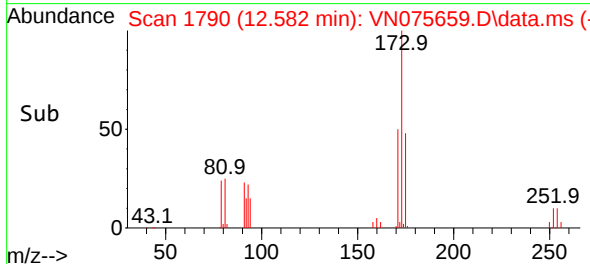
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



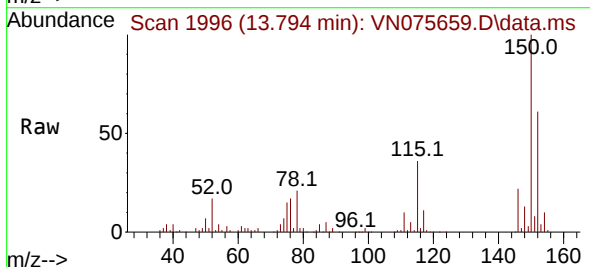
Tgt Ion:173 Resp: 100188
Ion Ratio Lower Upper
173 100
175 48.2 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
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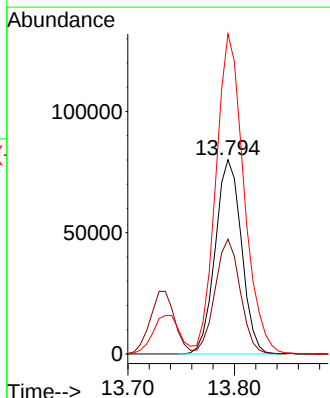
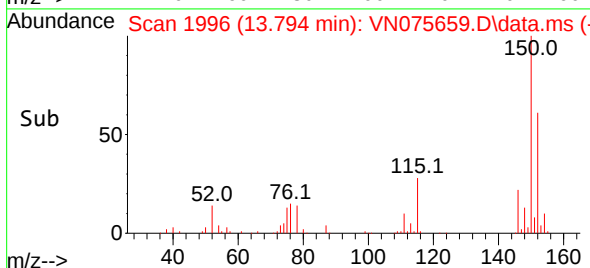
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

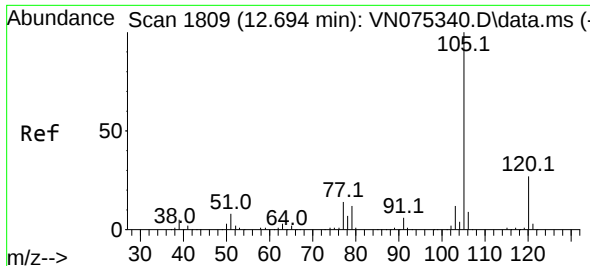


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08



Tgt Ion:152 Resp: 136850
Ion Ratio Lower Upper
152 100
115 57.2 30.2 90.6
150 176.3 0.0 348.4





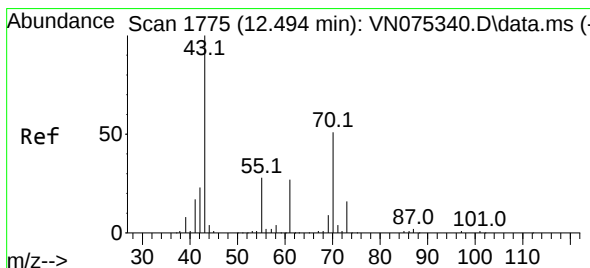
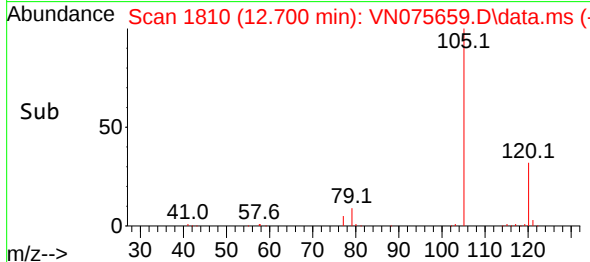
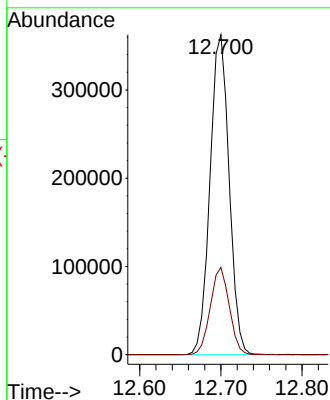
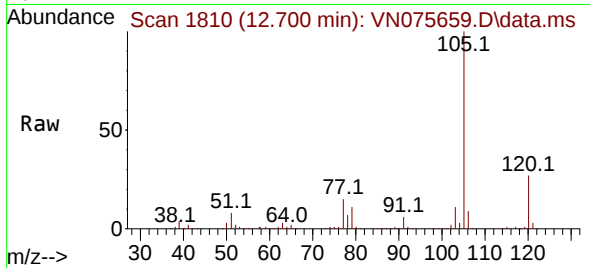
#73
Isopropylbenzene
Concen: 59.306 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 592949
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1

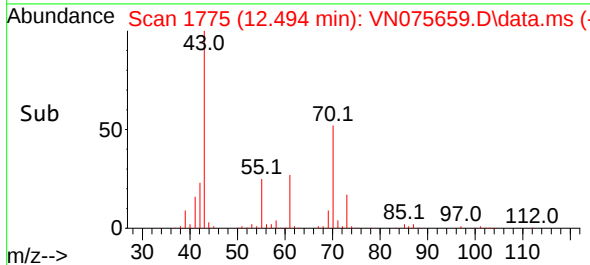
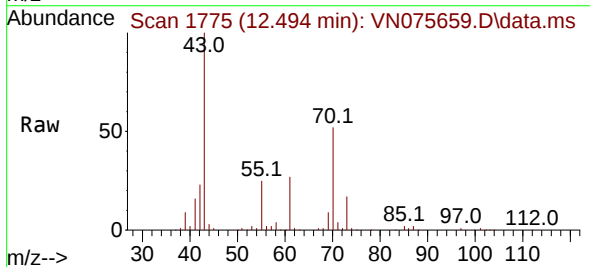
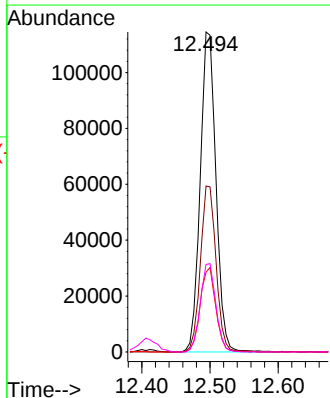
Manual Integrations
APPROVED

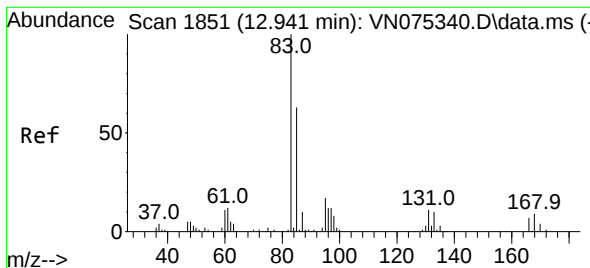
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#74
N-ethyl acetate
Concen: 59.754 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

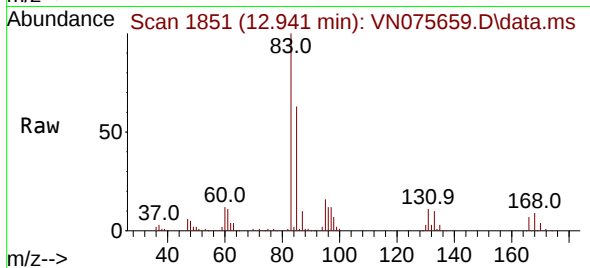
Tgt Ion: 43 Resp: 183670
Ion Ratio Lower Upper
43 100
70 51.4 39.8 59.8
55 26.0 19.9 29.9
61 27.4 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 56.694 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

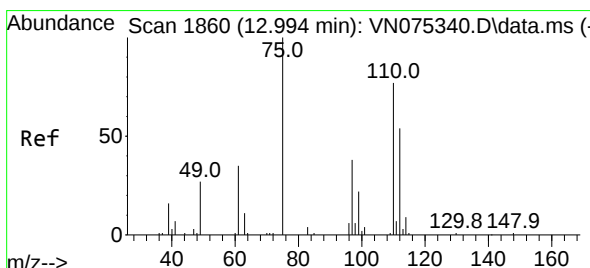
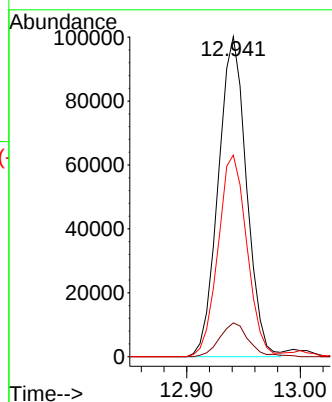
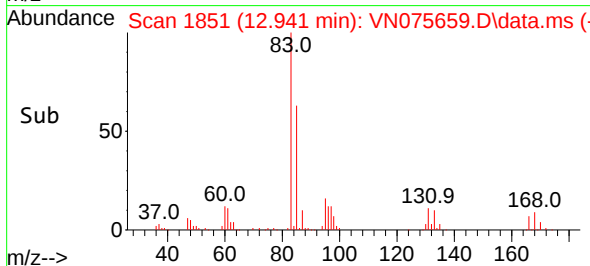
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 17281
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.3
85 64.4 31.6 94.7

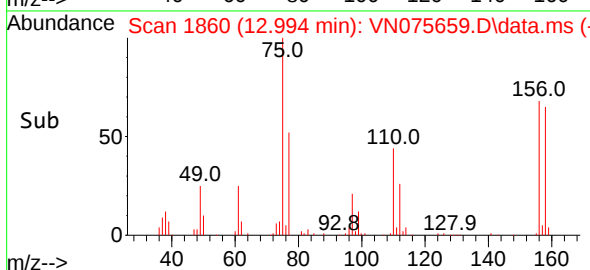
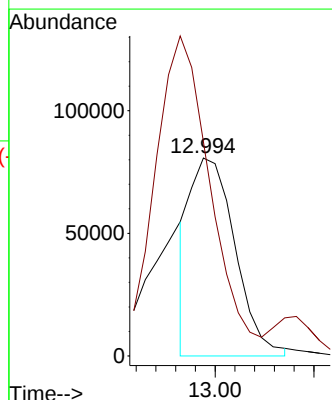
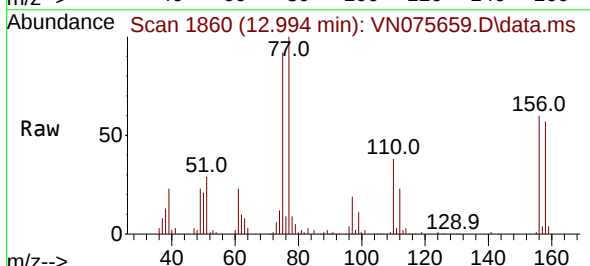
Manual Integrations
APPROVED

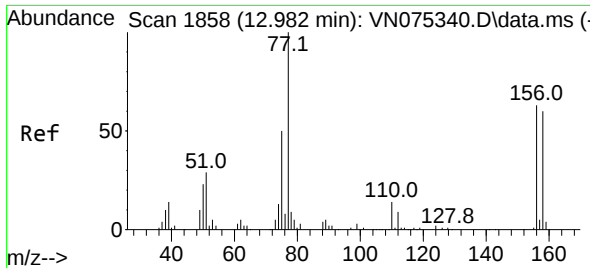
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#76
1,2,3-Trichloropropane
Concen: 49.338 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

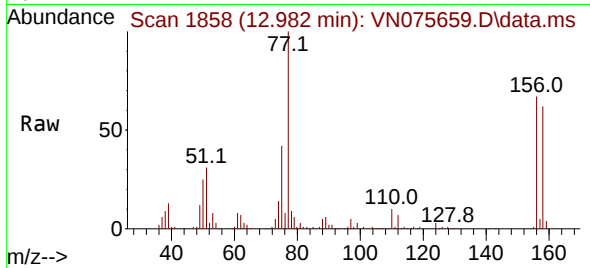
Tgt Ion: 75 Resp: 127661
Ion Ratio Lower Upper
75 100
77 201.2 75.6 226.8





#77
Bromobenzene
Concen: 58.793 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

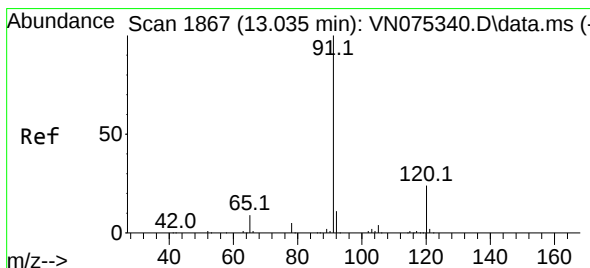
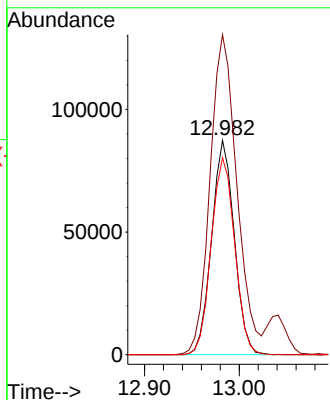
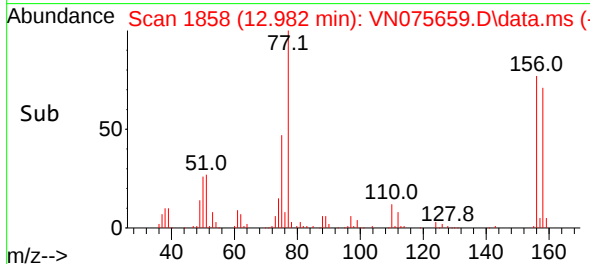
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



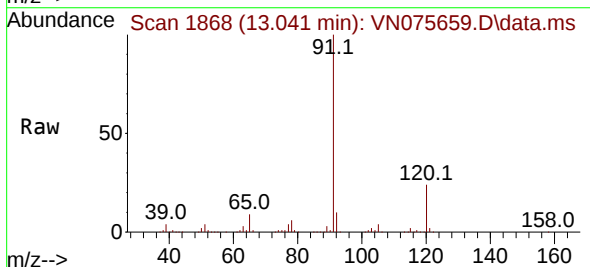
Tgt Ion:156 Resp: 14512
Ion Ratio Lower Upper
156 100
77 177.0 108.5 325.5
158 95.5 47.7 143.1

Manual Integrations
APPROVED

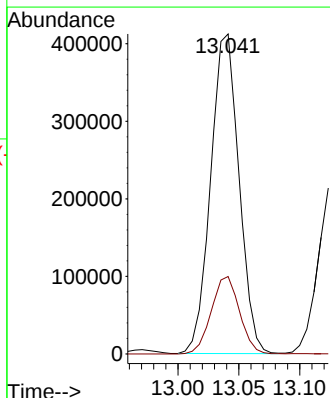
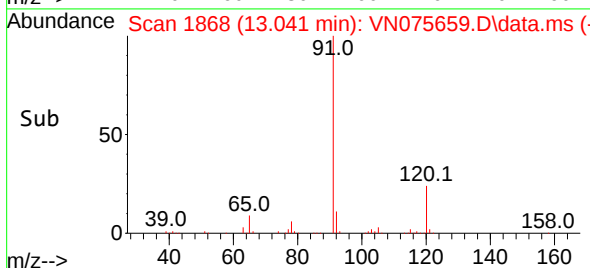
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

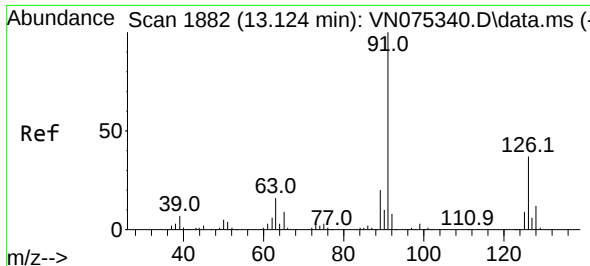


#78
n-propylbenzene
Concen: 59.784 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08



Tgt Ion: 91 Resp: 667072
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5





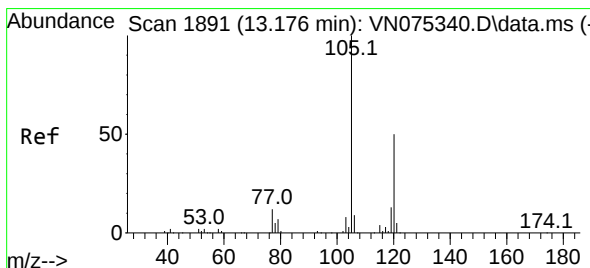
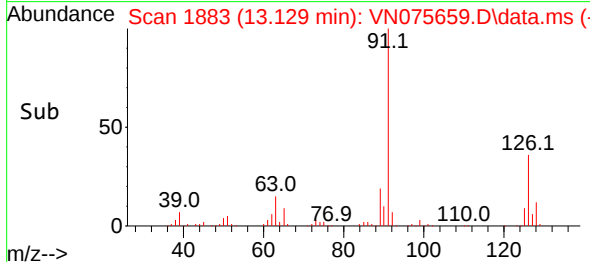
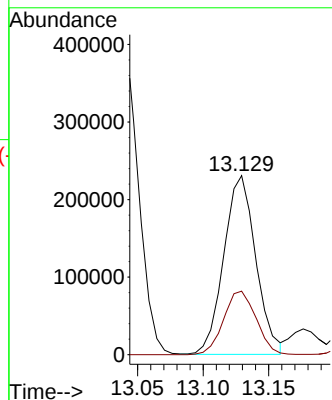
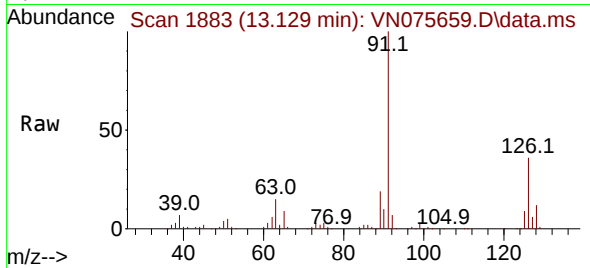
#79
2-Chlorotoluene
Concen: 58.288 ug/l
RT: 13.129 min Scan# 1882
Delta R.T. 0.005 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 391870
Ion Ratio Lower Upper
91 100
126 36.2 16.9 50.7

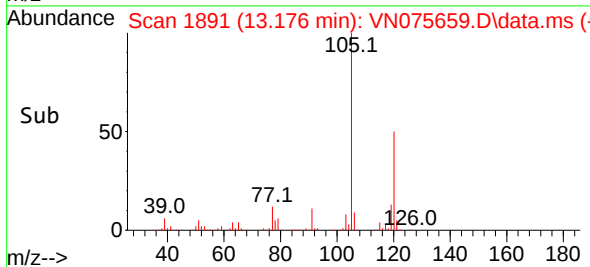
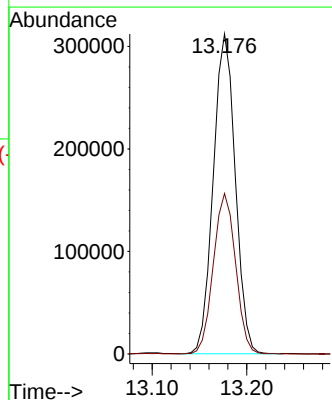
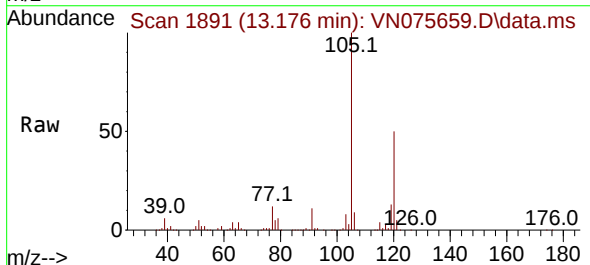
Manual Integrations
APPROVED

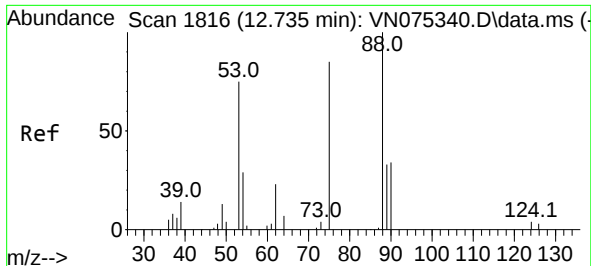
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#80
1,3,5-Trimethylbenzene
Concen: 60.673 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

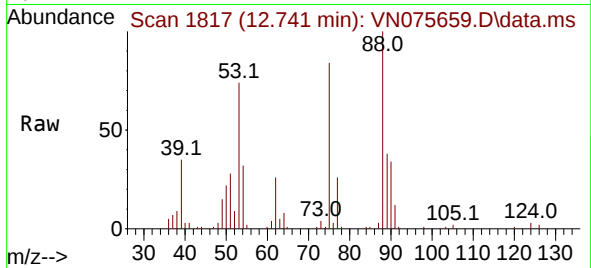
Tgt Ion:105 Resp: 503992
Ion Ratio Lower Upper
105 100
120 50.7 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 54.308 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

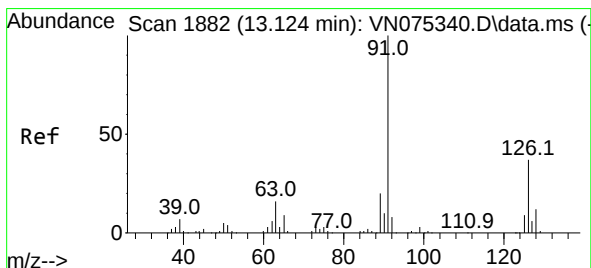
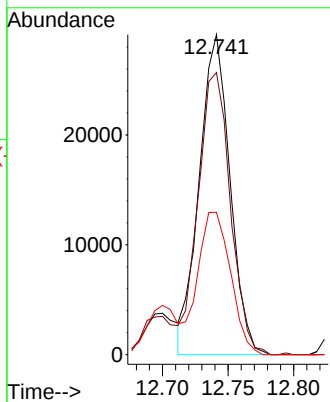
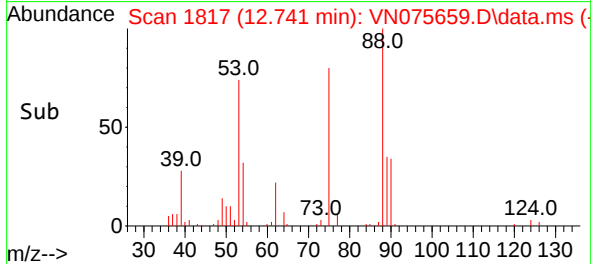
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 4749
Ion Ratio Lower Upper
75 100
53 92.5 78.5 117.7
89 48.5 37.7 56.5

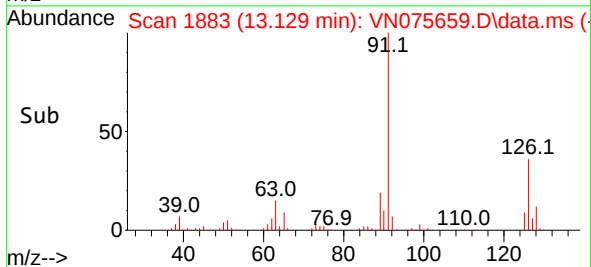
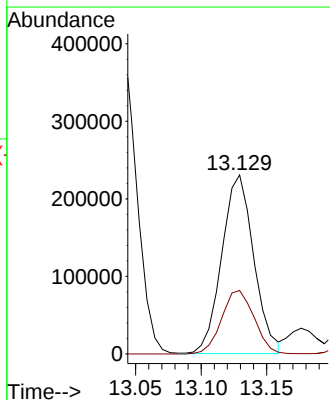
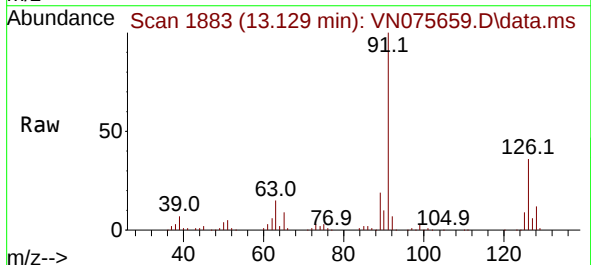
Manual Integrations
APPROVED

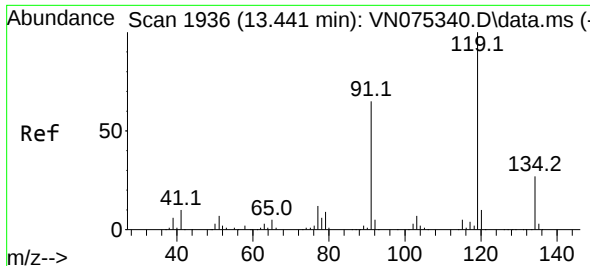
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#82
4-Chlorotoluene
Concen: 58.288 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

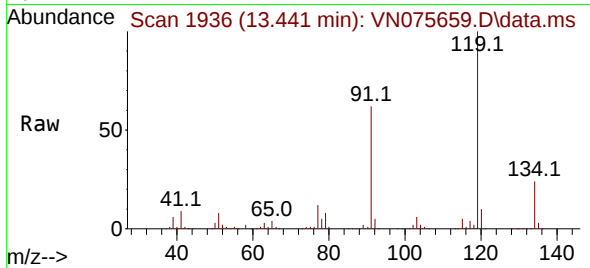
Tgt Ion: 91 Resp: 391870
Ion Ratio Lower Upper
91 100
126 36.2 16.9 50.7





#83
tert-Butylbenzene
Concen: 59.547 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

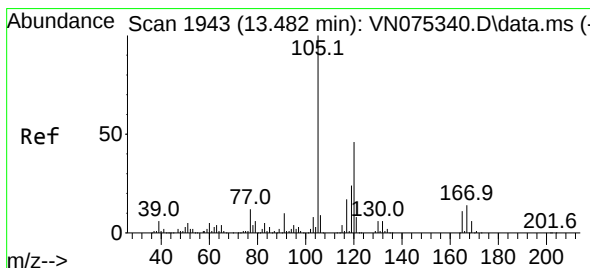
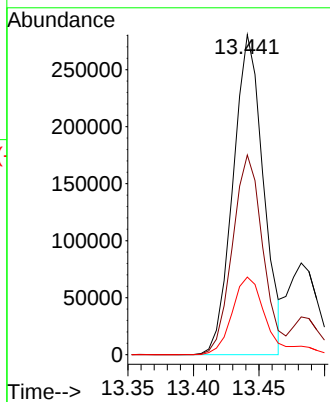
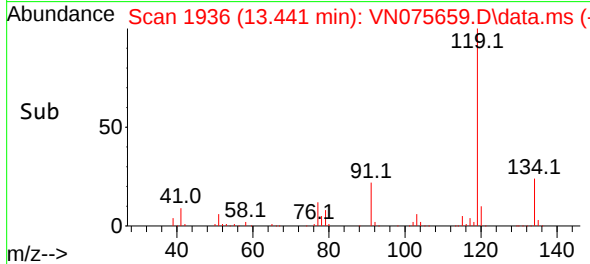
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



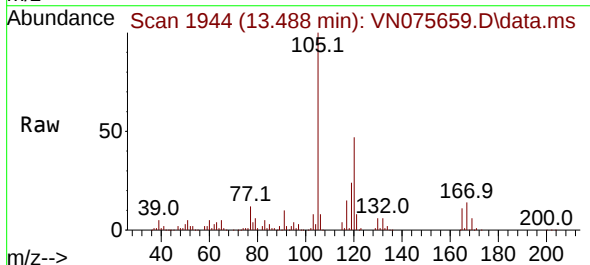
Tgt Ion:119 Resp: 450988
Ion Ratio Lower Upper
119 100
91 63.3 32.8 98.4
134 27.7 12.3 36.9

Manual Integrations
APPROVED

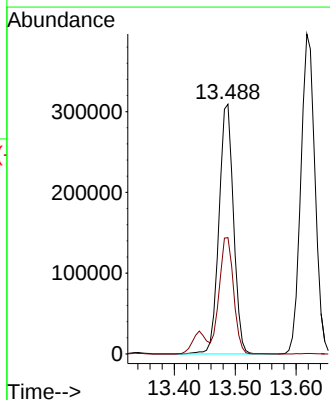
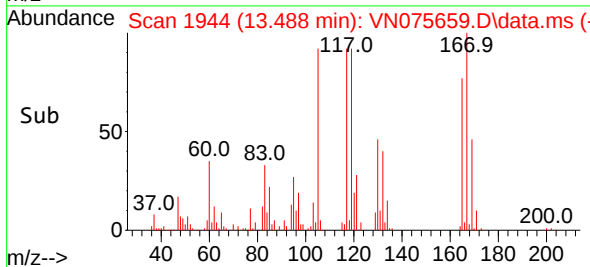
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

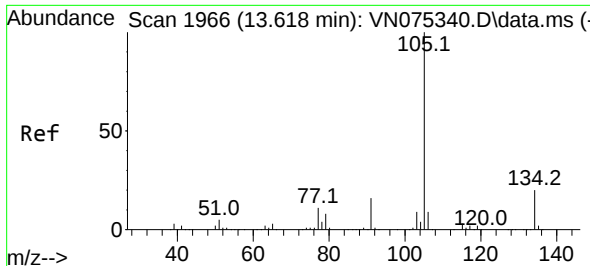


#84
1,2,4-Trimethylbenzene
Concen: 61.505 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08



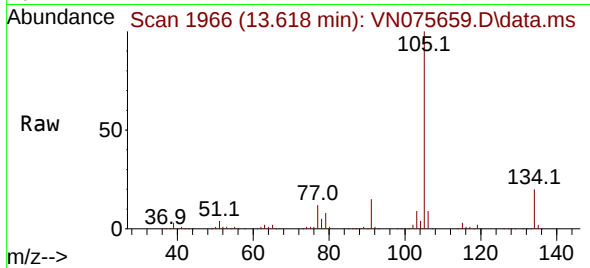
Tgt Ion:105 Resp: 512466
Ion Ratio Lower Upper
105 100
120 45.9 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 62.241 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075659.D
 Acq: 08 Dec 2022 20:08

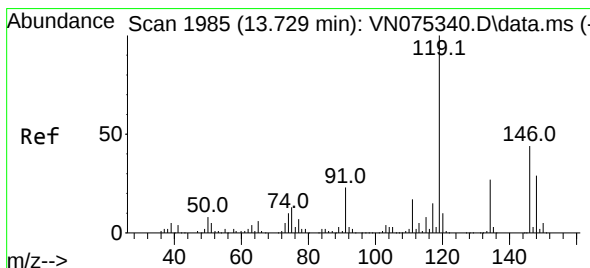
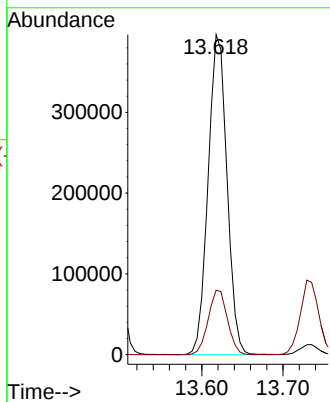
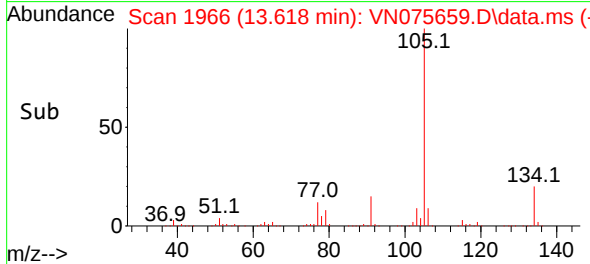
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



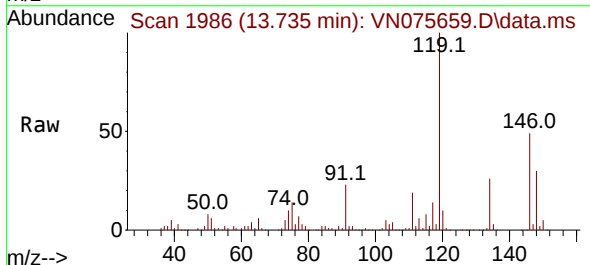
Tgt Ion:105 Resp: 63961
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6

Manual Integrations
 APPROVED

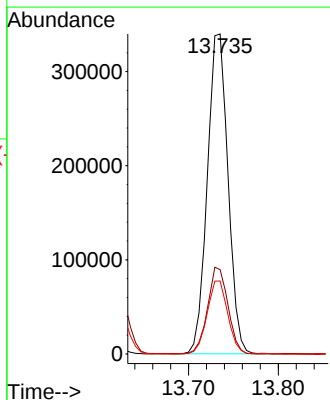
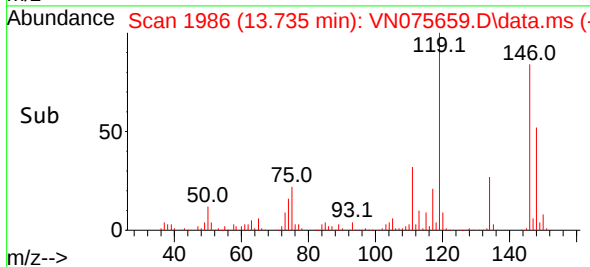
Reviewed By :John Carlone 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022

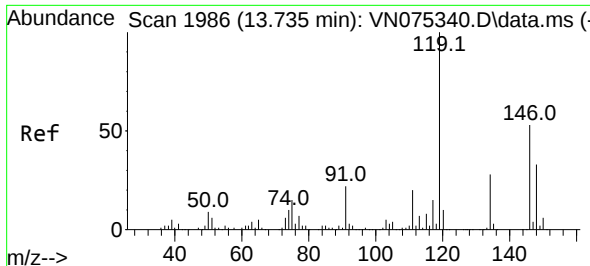


#86
 p-Isopropyltoluene
 Concen: 62.887 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075659.D
 Acq: 08 Dec 2022 20:08



Tgt Ion:119 Resp: 543724
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 22.7 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 58.764 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075659.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

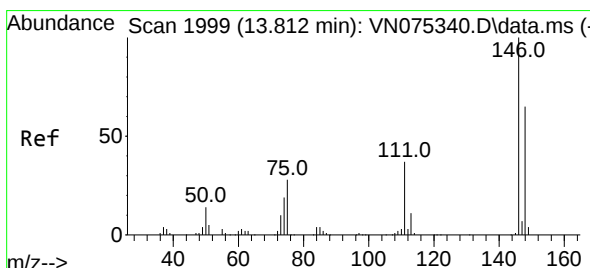
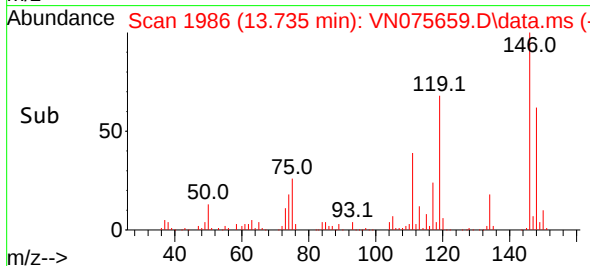
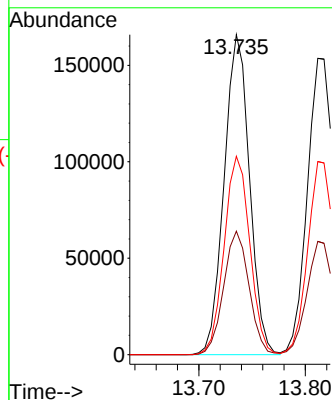
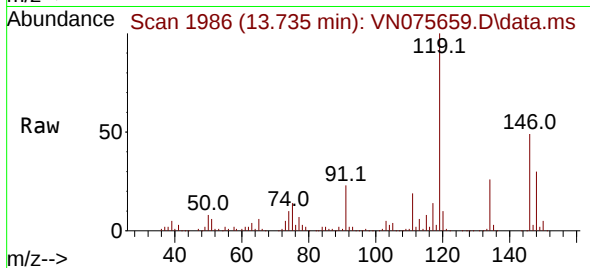
Tgt Ion:146 Resp: 274825
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.8 62.5
 148 62.8 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#88

1,4-Dichlorobenzene

Concen: 56.454 ug/l

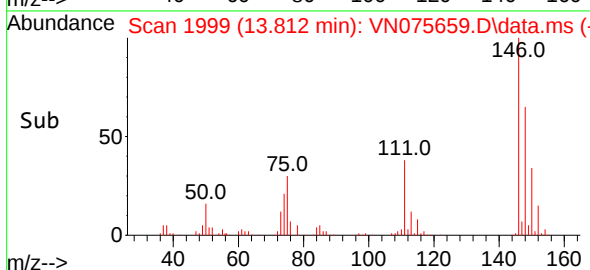
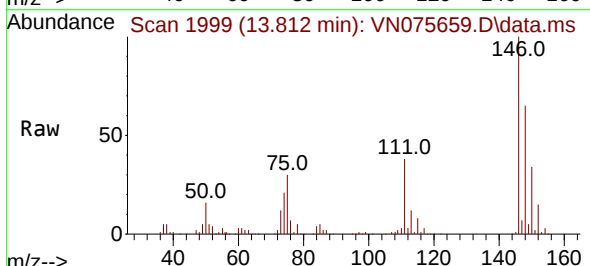
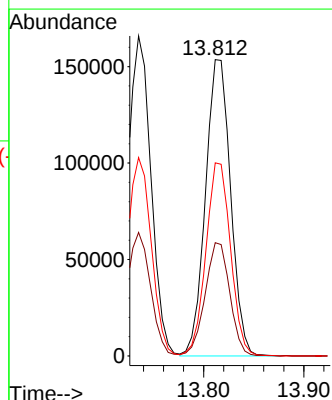
RT: 13.812 min Scan# 1999

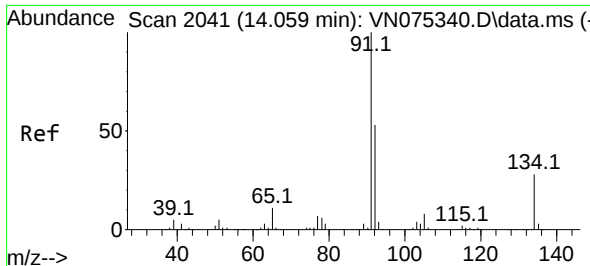
Delta R.T. -0.000 min

Lab File: VN075659.D

Acq: 08 Dec 2022 20:08

Tgt Ion:146 Resp: 268199
 Ion Ratio Lower Upper
 146 100
 111 37.6 20.1 60.3
 148 64.0 31.9 95.7





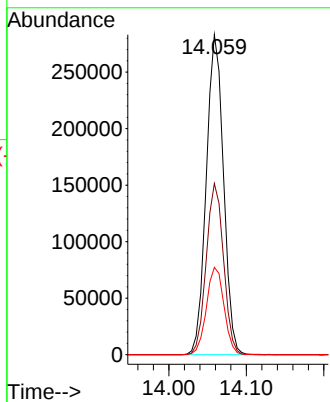
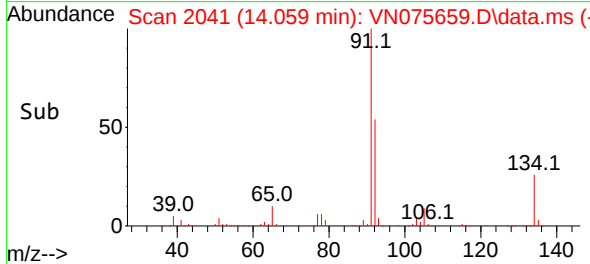
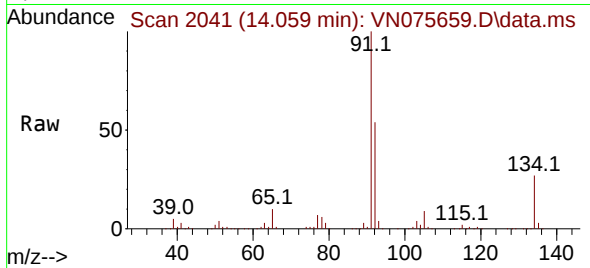
#89
n-Butylbenzene
Concen: 59.854 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 43708
Ion Ratio Lower Upper
91 100
92 53.6 26.5 79.4
134 27.9 13.0 39.0

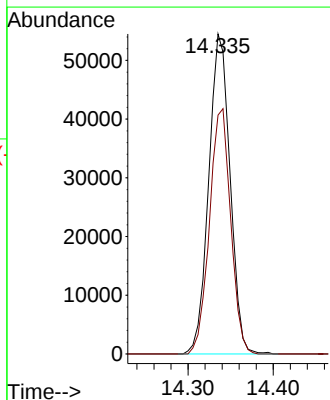
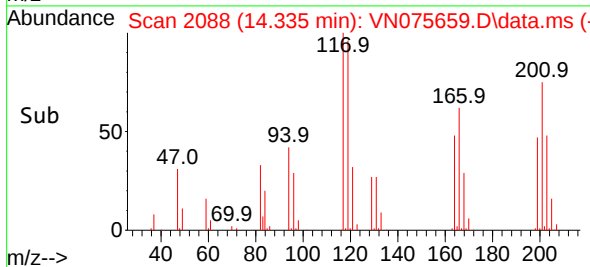
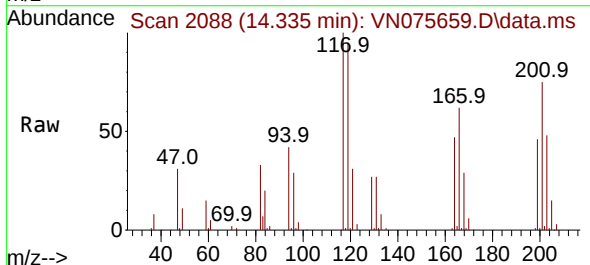
Manual Integrations
APPROVED

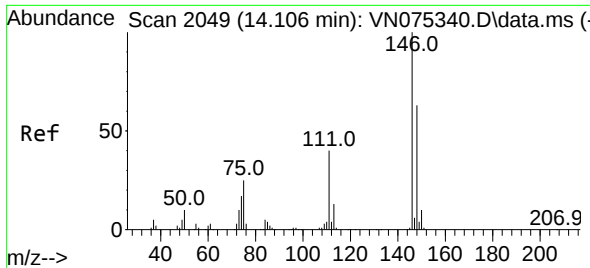
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#90
Hexachloroethane
Concen: 63.628 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

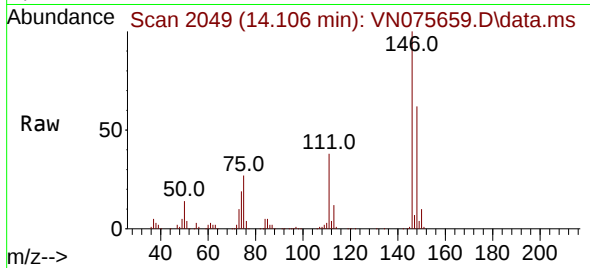
Tgt Ion:117 Resp: 94905
Ion Ratio Lower Upper
117 100
201 76.3 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 59.287 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

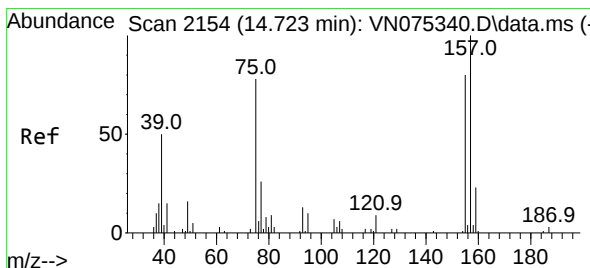
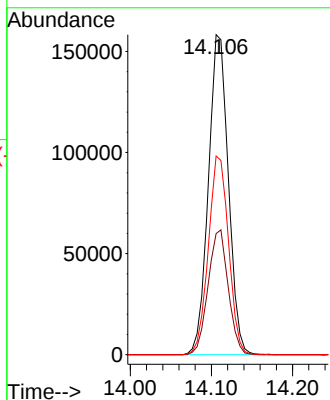
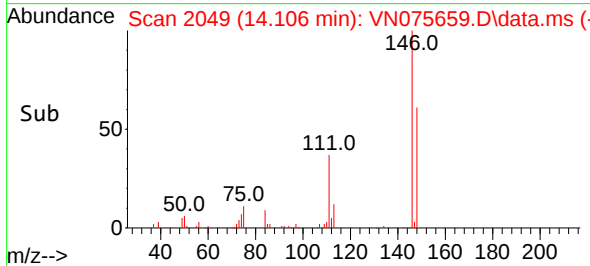
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



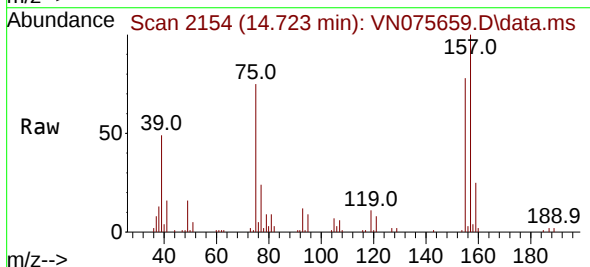
Tgt Ion:146 Resp: 27027
Ion Ratio Lower Upper
146 100
111 39.3 21.3 63.9
148 62.9 31.4 94.2

Manual Integrations
APPROVED

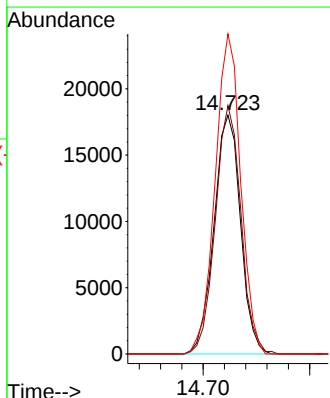
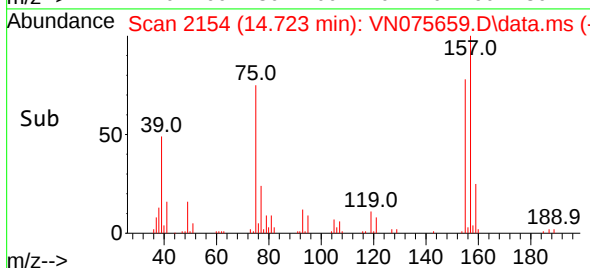
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.708 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08



Tgt Ion: 75 Resp: 31012
Ion Ratio Lower Upper
75 100
155 100.8 42.1 126.3
157 129.5 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 59.401 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075659.D

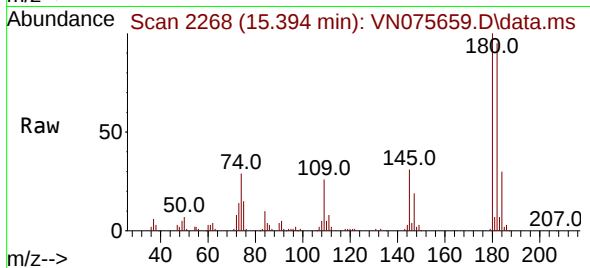
Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 13877

Ion Ratio Lower Upper

180 100

182 95.8 47.8 143.4

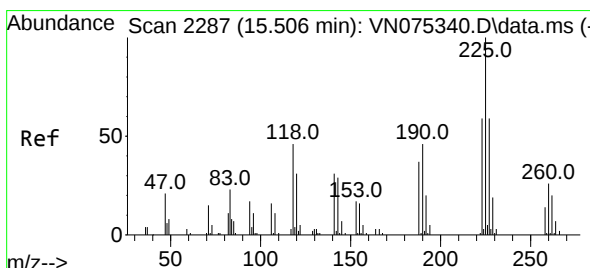
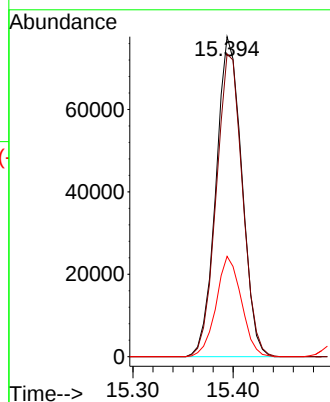
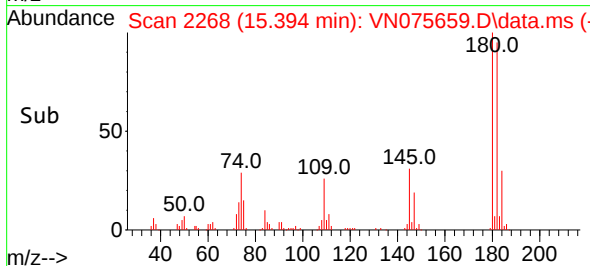
145 30.6 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#94

Hexachlorobutadiene

Concen: 60.959 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN075659.D

Acq: 08 Dec 2022 20:08

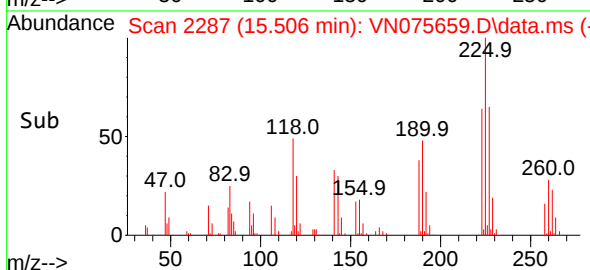
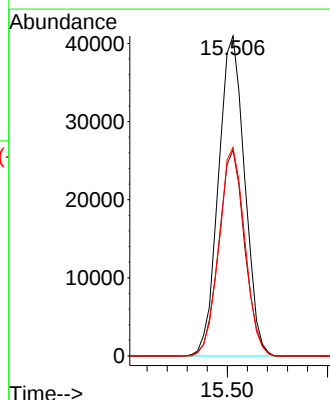
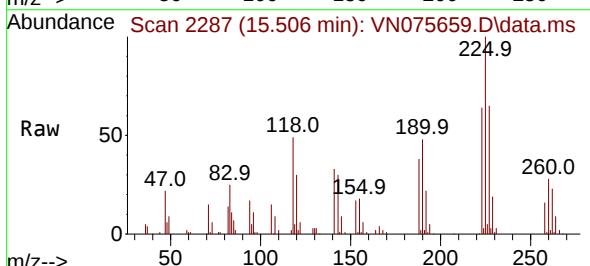
Tgt Ion:225 Resp: 74179

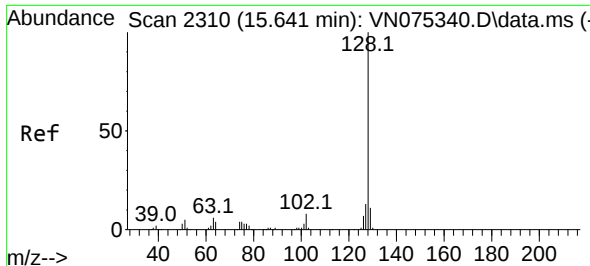
Ion Ratio Lower Upper

225 100

223 63.5 32.3 96.9

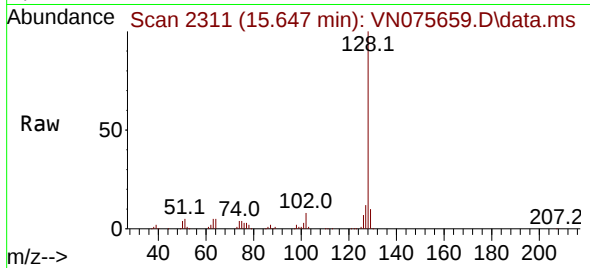
227 64.0 32.0 96.2





#95
Naphthalene
Concen: 56.043 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

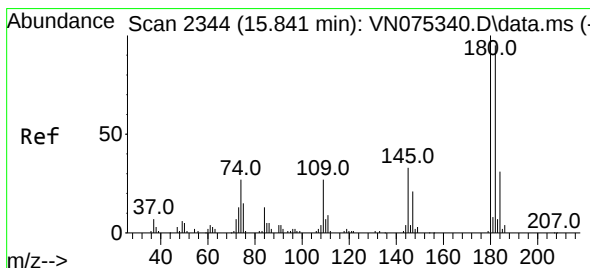
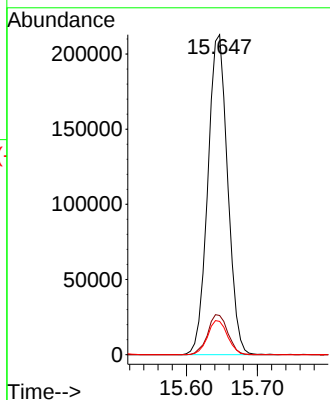
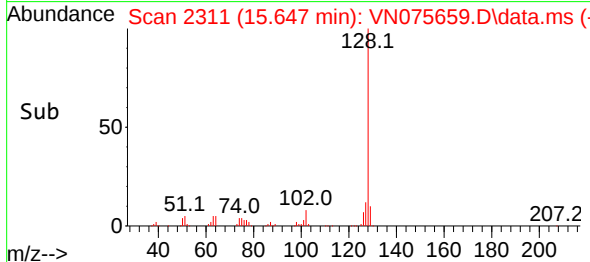
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 411889
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#96
1,2,3-Trichlorobenzene
Concen: 57.259 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075659.D
Acq: 08 Dec 2022 20:08

Tgt Ion:180 Resp: 131470
Ion Ratio Lower Upper
180 100
182 97.0 47.3 141.8
145 32.4 17.6 52.9

